

Bridgeton Landfill, LLC

Monthly Data Submittals

Required by Section 52.E of Agreed Order, Case No. 13SL-CC01088
Effective May 13, 2013

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Provided Separately:

- Flare Raw Data Excel Spreadsheet
- Gas Wellfield Raw Data Excel Spreadsheet

October 20, 2014

Commentary on Data, October 20, 2014

The following observations and comments are offered for the September 2014 data:

Gas Volume

- As seen in Attachment A-2, gas collection volumetric rate in September averaged about 8,500 CFM, which is the first decrease in several months. Operations has notice a direct correlation of a decrease in total measured flow corresponding to the decrease in ambient temperatures.

Gas Quality

- Attachments F-2, F-3, and G contain the monthly data related to gas quality and temperature as measured at the respective wellheads. Four vertical GEWs increased by 30° F or more in September; and three GEWs decreased by 30° F or more. Operations have noted that this is related to liquid levels in wells and corresponding down-well pump operation.
- Attachment F-1 shows that fifteen vertical gas extraction wells (GEWs) had oxygen levels over 5% at one or more weekly monitoring events in September. By the end of September, eleven of these wells exhibited oxygen at the wellhead greater than 5%. All of these wells are in the South Quarry area where the flexible membrane liner cap is in place to prevent atmospheric intrusion into the waste mass. On-going tuning and maintenance and pump operation is being performed to effectively manage and reduce the oxygen content.
- A detailed review of the gas extraction wells in the neck area was conducted. Temperature is consistent with previous months in each of the monitorable neck area wells with a stabilization of temperature exhibited in GEW-56R (past three month trend 163/168/165° F). Carbon monoxide results from September indicate decreases or no-change in all ten of the neck area wells. Bridgeton Landfill began monitoring CO from the thirteen gas interceptor wells (GIWs) in September. Elevated CO levels are present in all of these wells as expected due to their location where the reaction was known to be advancing as of late 2013. The data for CO in the GIW wells indicated an average value of about 3,000 ppm which is fairly consistent with values in wells just north and south of the GIW formation.
- All wells in the North Quarry continue to exhibit a maximum wellhead temperature under 145° F for the month of September. Review of weekly gas quality in Attachment F-1 reveals that all of the active North Quarry gas wells continue to have less than 1% oxygen, non-detect to negligible levels of carbon monoxide, and healthy methane and carbon dioxide levels indicating normal wellfield conditions for aged waste at all locations; consistent with well conditions observed in the North Quarry for some time.

Settlement

- The South Quarry exhibits monthly maximum settlement up to 2.1 feet in one local area (see Attachment E) which is consistent with last month. The rate of settlement directly south of the neck continues to be small and stable compared to late 2013 levels.

Bird Monitoring and Mitigation

- Bridgeton Landfill engaged an additional bird monitoring and mitigation professional, LGL Limited, and conducted an initial coordination meeting with Airport and USDA APHIS representatives to assess next steps in initiating baseline bird population monitoring. The team has scheduled the full USDA APHIS training for the Bridgeton Landfill, Civil Environment Consultants and LGL Limited bird monitoring and mitigation team.

ATTACHMENT A

DAILY FLARE MONITORING DATA

ATTACHMENT A-1

DATA SPREADSHEET

Daily Flare Monitoring Data - Bridgeton Landfill
4/1/2014 - 9/30/2014

Date	Device Flow (scfm)				Total Flow (scfm)
	Candlestick Flare (FL-100)	Candlestick Flare (FL-140)	Candlestick Flare (FL-120)	E. Aux. Candlestick Flare	
4/1/2014	1,391	2,468	2170	898	6,926
4/2/2014	1,624	2,276	2,082	783	6,765
4/3/2014	1,646	2,052	2,443	705	6,847
4/4/2014	1,846	2,171	2,178	693	6,888
4/5/2014	1,875	2,170	2,370	781	7,196
4/6/2014	2,039	2,247	2,191	771	7,249
4/7/2014	1,804	2,114	2,224	927	7,068
4/8/2014	1,777	2,061	2,265	896	6,999
4/9/2014	1,854	2,085	2,216	933	7,088
4/10/2014	1,723	2,079	2,518	890	7,210
4/11/2014	2,011	2,083	1,801	871	6,767
4/12/2014	2,171	2,371	1,626	895	7,063
4/13/2014	2,222	2,358	1,780	880	7,239
4/14/2014	2,220	2,308	1,502	816	6,847
4/15/2014	2,250	2,194	1,531	733	6,709
4/16/2014	2,279	2,157	1,737	624	6,797
4/17/2014	2,260	2,482	1,732	781	7,256
4/18/2014	2,074	2,735	1,625	908	7,342
4/19/2014	2,233	2,773	1,682	856	7,544
4/20/2014	2,286	2,804	1,743	842	7,675
4/21/2014	2,189	2,875	1,801	808	7,672
4/22/2014	2,093	3,292	2,046	848	8,279
4/23/2014	1,996	3,251	2,070	814	8,131
4/24/2014	2,056	2,997	1,652	692	7,398
4/25/2014	2,384	3,324	1,632	699	8,039
4/26/2014	2,388	3,312	1,611	951	8,262
4/27/2014	2,399	3,286	1,612	909	8,206
4/28/2014	2,282	3,178	1,446	944	7,850
4/29/2014	2,088	2,993	1,361	935	7,377
4/30/2014	2,000	3,025	1,639	942	7,606

Daily Flare Monitoring Data - Bridgeton Landfill
4/1/2014 - 9/30/2014

Date	Device Flow (scfm)				Total Flow (scfm)
	Candlestick Flare (FL-100)	Candlestick Flare (FL-140)	Candlestick Flare (FL-120)	E. Aux. Candlestick Flare	
5/1/2014	1,765	2,843	2,017	947	7,572
5/2/2014	1,650	2,812	2,290	905	7,657
5/3/2014	1,903	3,084	2,058	908	7,954
5/4/2014	2,313	3,362	1,503	921	8,099
5/5/2014	2,409	3,480	1,556	831	8,276
5/6/2014	2,265	3,054	1,430	774	7,523
5/7/2014	1,641	3,309	1,943	806	7,699
5/8/2014	1,319	3,075	2,456	836	7,687
5/9/2014	1,314	3,082	2,523	788	7,706
5/10/2014	1,328	3,151	2,523	769	7,771
5/11/2014	1,341	3,150	2,595	767	7,853
5/12/2014	1,358	3,133	2,727	767	7,985
5/13/2014	868	2,371	2,238	707	6,185
5/14/2014	640	2,395	2,289	767	6,091
5/15/2014	1,149	2,578	2,189	792	6,708
5/16/2014	1,306	2,758	2,271	719	7,054
5/17/2014	1,441	2,953	2,305	679	7,377
5/18/2014	1,505	3,009	2,318	833	7,665
5/19/2014	1,473	2,946	2,558	760	7,736
5/20/2014	1,599	2,788	2,404	763	7,555
5/21/2014	1,479	2,772	2,647	763	7,661
5/22/2014	1,359	2,678	3,166	728	7,932
5/23/2014	1,296	2,648	3,226	692	7,861
5/24/2014	1,476	2,590	3,198	599	7,864
5/25/2014	1,338	2,490	3,002	697	7,527
5/26/2014	1,380	2,589	2,999	683	7,650
5/27/2014	1,431	2,939	3,482	659	8,510
5/28/2014	1,415	2,941	3,496	595	8,446
5/29/2014	1,401	2,964	3,567	537	8,469
5/30/2014	1,360	2,976	3,623	436	8,395
5/31/2014	1,360	3,007	3,647	356	8,370

Daily Flare Monitoring Data - Bridgeton Landfill
4/1/2014 - 9/30/2014

Date	Device Flow (scfm)				Total Flow (scfm)
	Candlestick Flare (FL-100)	Candlestick Flare (FL-140)	Candlestick Flare (FL-120)	E. Aux. Candlestick Flare	
6/1/2014	1,647	2,000	3,464	283	7,394
6/2/2014	1,922	3,194	2,700	223	8,038
6/3/2014	2,022	3,265	2,811	160	8,259
6/4/2014	1,936	3,471	2,962	151	8,521
6/5/2014	1,874	3,372	2,847	141	8,234
6/6/2014	1,890	3,400	2,711	317	8,317
6/7/2014	1,686	3,080	2,496	743	8,006
6/8/2014	1,668	3,083	2,462	673	7,886
6/9/2014	1,612	2,987	2,332	634	7,565
6/10/2014	1,636	3,003	2,424	586	7,649
6/11/2014	1,653	3,031	2,492	536	7,711
6/12/2014	1,674	3,069	2,456	538	7,737
6/13/2014	1,487	2,979	2,248	558	7,272
6/14/2014	1,762	3,184	2,590	489	8,025
6/15/2014	1,764	3,176	2,596	503	8,040
6/16/2014	1,880	3,361	2,628	436	8,306
6/17/2014	2,437	2,678	2,919	527	8,561
6/18/2014	2,154	2,853	2,771	642	8,420
6/19/2014	1,938	2,686	2,725	846	8,195
6/20/2014	1,914	2,606	2,800	863	8,182
6/21/2014	1,915	N/A	N/A	830	N/A
6/22/2014	1,886	N/A	N/A	603	N/A
6/23/2014	1,955	2,644	2,818	582	7,998
6/24/2014	1,933	2,603	2,695	742	7,974
6/25/2014	2,102	2,708	3,033	262	8,105
6/26/2014	1,954	2,914	3,540	0	8,408
6/27/2014	1,577	3,471	3,505	0	8,553
6/28/2014	1,971	3,462	3,501	0	8,934
6/29/2014	1,887	3,334	3,390	0	8,611
6/30/2014	2,027	3,360	3,427	0	8,814

Daily Flare Monitoring Data - Bridgeton Landfill
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Date	Device Flow (scfm)				Total Flow (scfm)
	Candlestick Flare (FL-100)	Candlestick Flare (FL-140)	Candlestick Flare (FL-120)	E. Aux. Candlestick Flare	
7/1/2014	1,902	3,662	3,617	0	9,181
7/2/2014	1,599	3,221	3,406	0	8,226
7/3/2014	1,795	3,484	3,538	0	8,816
7/4/2014	1,933	3,611	3,623	0	9,167
7/5/2014	1,537	3,140	3,229	0	7,906
7/6/2014	1,960	3,497	3,527	0	8,985
7/7/2014	2,042	3,552	3,529	0	9,123
7/8/2014	2,083	3,096	3,324	0	8,503
7/9/2014	2,114	3,432	2,898	0	8,444
7/10/2014	2,103	3,474	2,906	0	8,483
7/11/2014	2,292	3,085	2,656	0	8,033
7/12/2014	2,308	3,859	3,229	0	9,396
7/13/2014	2,253	3,818	3,183	0	9,254
7/14/2014	2,059	3,509	3,045	0	8,613
7/15/2014	2,057	3,377	2,998	0	8,432
7/16/2014	2,190	3,743	3,185	0	9,118
7/17/2014	2,232	3,601	3,121	0	8,953
7/18/2014	2,294	3,853	3,303	0	9,450
7/19/2014	2,349	3,525	3,116	0	8,989
7/20/2014	2,375	3,875	3,263	0	9,514
7/21/2014	2,384	3,877	3,317	0	9,578
7/22/2014	2,440	3,913	3,344	0	9,697
7/23/2014	2,290	3,845	3,250	0	9,385
7/24/2014	2,184	3,718	3,167	0	9,069
7/25/2014	2,128	3,659	3,187	0	8,975
7/26/2014	2,094	3,229	2,848	243	8,415
7/27/2014	2,354	3,304	3,180	576	9,414
7/28/2014	1,981	3,377	3,048	222	8,629
7/29/2014	2,103	3,637	3,097	0	8,837
7/30/2014	2,197	3,723	3,081	0	9,001
7/31/2014	2,200	3,663	3,091	0	8,954

Daily Flare Monitoring Data - Bridgeton Landfill
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Date	Device Flow (scfm)				Total Flow (scfm)
	Candlestick Flare (FL-100)	Candlestick Flare (FL-140)	Candlestick Flare (FL-120)	E. Aux. Candlestick Flare	
8/1/2014	2,121	3,620	3,072	0	8,814
8/2/2014	2,135	3,650	3,103	0	8,888
8/3/2014	2,235	3,484	2,952	0	8,671
8/4/2014	2,272	3,806	3,206	0	9,284
8/5/2014	2,241	3,748	3,193	32	9,215
8/6/2014	1,925	3,206	2,744	0	7,875
8/7/2014	2,040	3,496	3,135	0	8,671
8/8/2014	2,128	3,615	3,087	0	8,830
8/9/2014	2,070	3,552	3,039	0	8,661
8/10/2014	2,128	3,652	3,102	0	8,882
8/11/2014	2,153	3,674	3,096	0	8,923
8/12/2014	2,065	3,588	3,098	0	8,751
8/13/2014	2,147	3,691	3,158	0	8,996
8/14/2014	2,240	3,588	3,048	0	8,877
8/15/2014	2,229	3,759	3,152	0	9,140
8/16/2014	2,080	3,589	3,095	0	8,763
8/17/2014	2,081	3,596	3,095	0	8,772
8/18/2014	2,149	3,656	3,221	0	9,026
8/19/2014	2,152	3,699	3,420	0	9,270
8/20/2014	2,107	3,713	3,340	0	9,159
8/21/2014	2,138	3,629	3,319	0	9,086
8/22/2014	2,249	3,814	3,397	0	9,460
8/23/2014	2,359	3,905	3,495	0	9,759
8/24/2014	2,275	3,458	3,256	0	8,988
8/25/2014	2,363	3,936	3,496	0	9,794
8/26/2014	2,094	3,501	3,061	0	8,656
8/27/2014	2,156	3,816	3,325	0	9,297
8/28/2014	2,073	3,863	3,170	0	9,105
8/29/2014	2,012	3,749	3,200	0	8,961
8/30/2014	1,966	3,474	3,437	0	8,877
8/31/2014	2,142	3,640	3,464	0	9,245

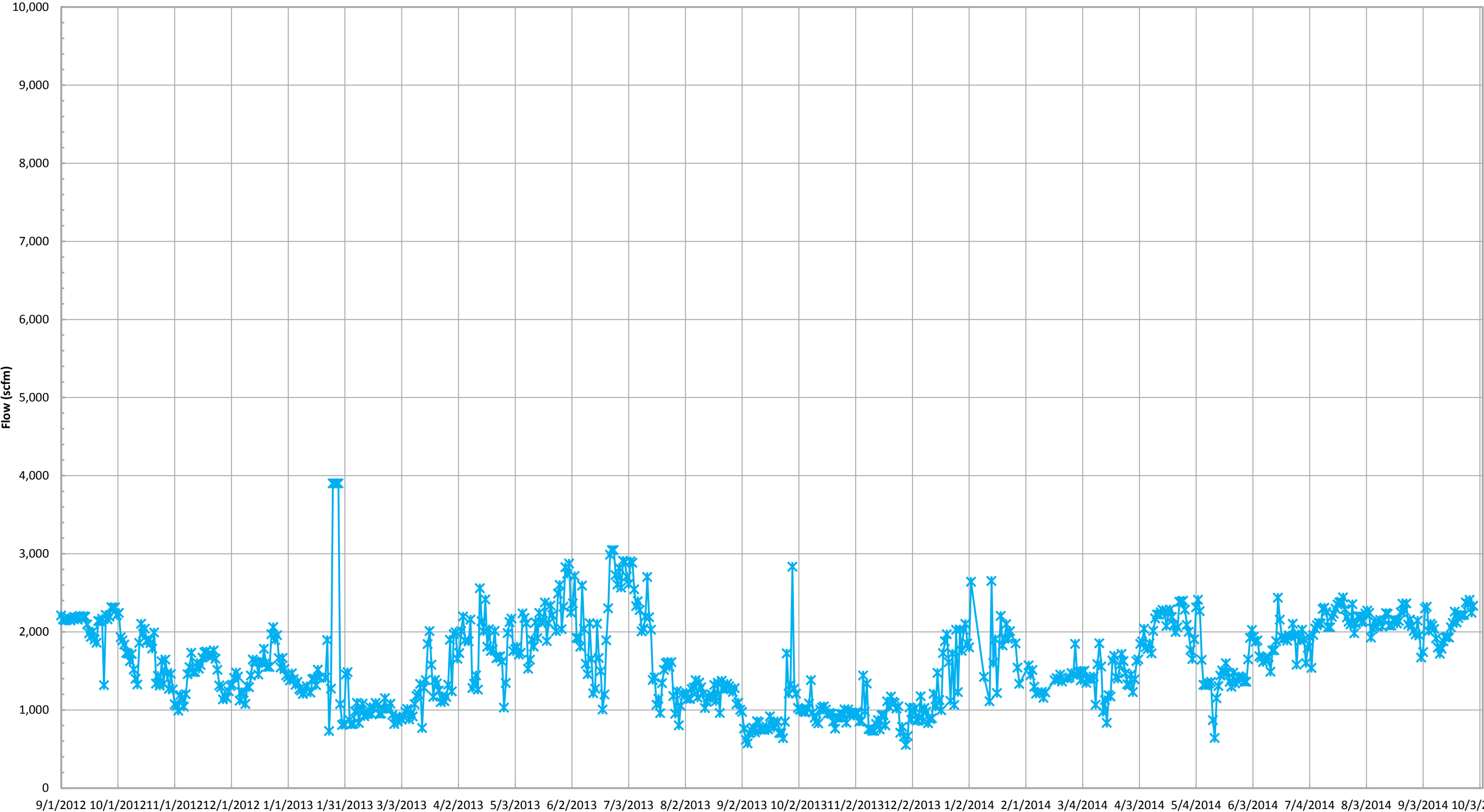
Daily Flare Monitoring Data - Bridgeton Landfill
4/1/2014 - 9/30/2014

Date	Device Flow (scfm)				Total Flow (scfm)
	Candlestick Flare (FL-100)	Candlestick Flare (FL-140)	Candlestick Flare (FL-120)	E. Aux. Candlestick Flare	
9/1/2014	1,954	3,154	3,383	0	8,491
9/2/2014	1,670	3,136	3,740	0	8,546
9/3/2014	1,739	3,479	3,630	34	8,882
9/4/2014	2,298	3,381	3,323	0	9,002
9/5/2014	2,320	3,467	3,321	0	9,108
9/6/2014	2,009	3,115	3,271	0	8,395
9/7/2014	2,102	3,212	3,256	0	8,569
9/8/2014	2,080	3,204	3,243	0	8,526
9/9/2014	2,037	3,526	2,960	0	8,523
9/10/2014	1,916	3,721	2,806	0	8,443
9/11/2014	1,799	3,450	2,651	0	7,900
9/12/2014	1,720	3,374	2,725	0	7,819
9/13/2014	1,782	3,477	2,740	0	7,999
9/14/2014	1,877	3,618	2,674	0	8,169
9/15/2014	1,928	3,595	2,654	0	8,176
9/16/2014	1,935	3,576	2,612	0	8,123
9/17/2014	1,927	3,503	2,704	0	8,134
9/18/2014	2,058	3,716	2,741	0	8,515
9/19/2014	2,111	3,769	2,801	0	8,681
9/20/2014	2,259	3,156	3,125	0	8,540
9/21/2014	2,119	2,785	3,156	0	8,060
9/22/2014	2,177	2,978	3,165	0	8,320
9/23/2014	2,210	3,008	3,257	0	8,476
9/24/2014	2,214	2,970	3,152	415	8,752
9/25/2014	2,215	2,981	3,049	721	8,966
9/26/2014	2,375	3,139	3,259	231	9,004
9/27/2014	2,357	3,151	3,341	0	8,850
9/28/2014	2,409	3,164	3,336	0	8,909
9/29/2014	2,244	3,025	3,105	467	8,841
9/30/2014	2,332	3,044	3,235	233	8,844

ATTACHMENT A-2

DATA GRAPHS

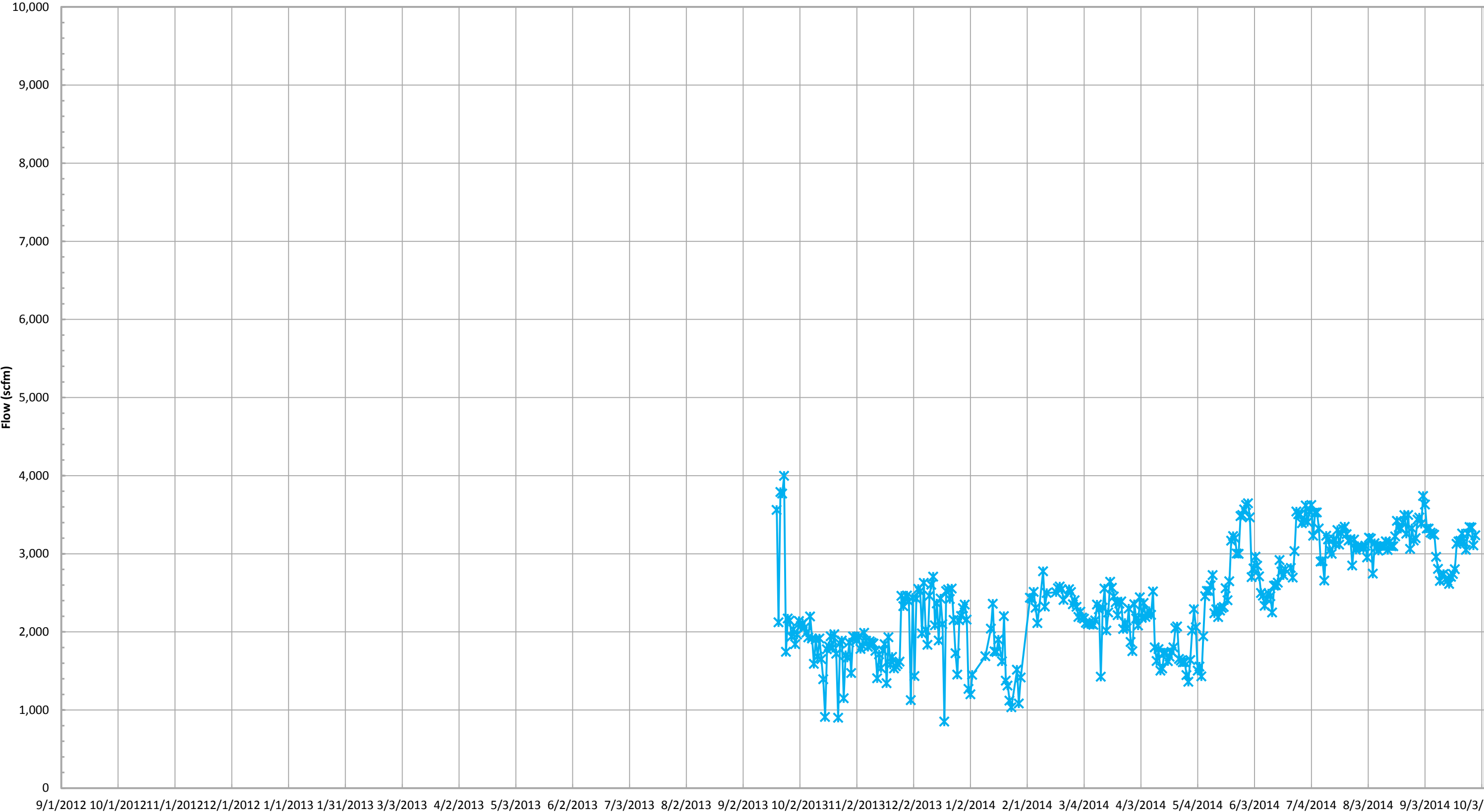
Candlestick Flare (FL-100) Flow (scfm)*



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

*Flow is based on tabulated flow data collected daily.

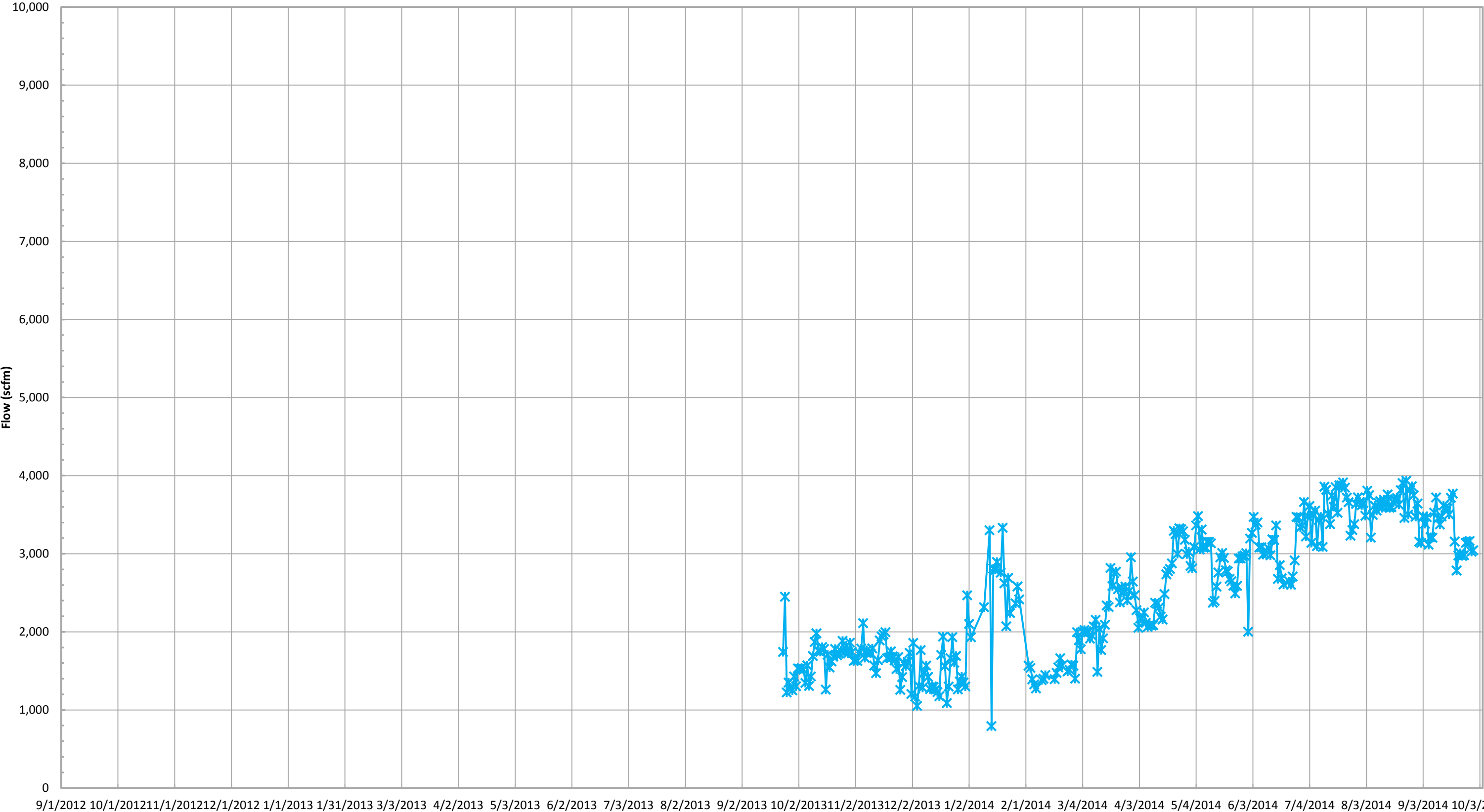
Candlestick Flare (FL-120) Flow (scfm)*



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

*Flow is based on tabulated flow data collected daily.

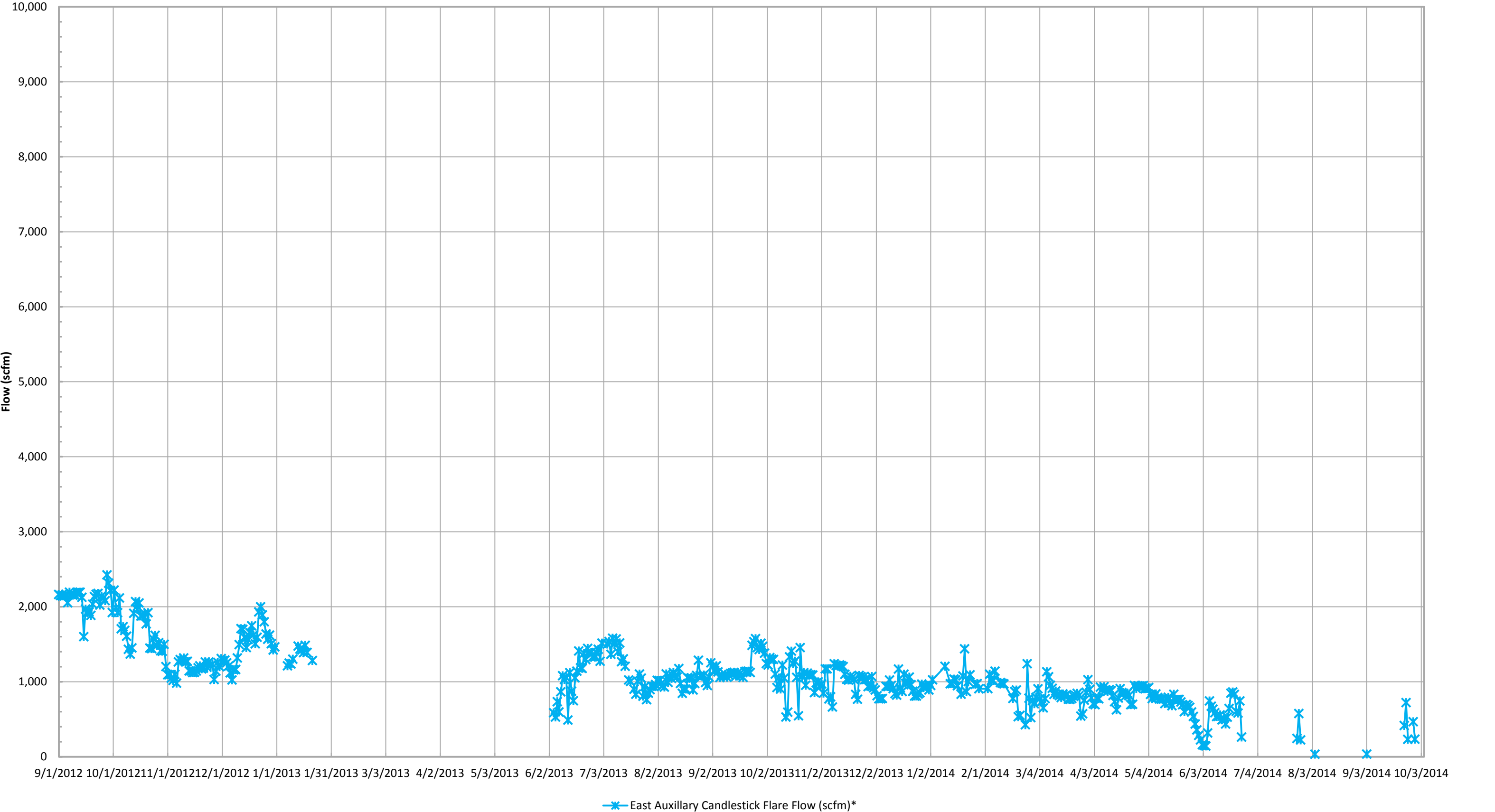
Candlestick Flare (FL-140) Flow (scfm)*



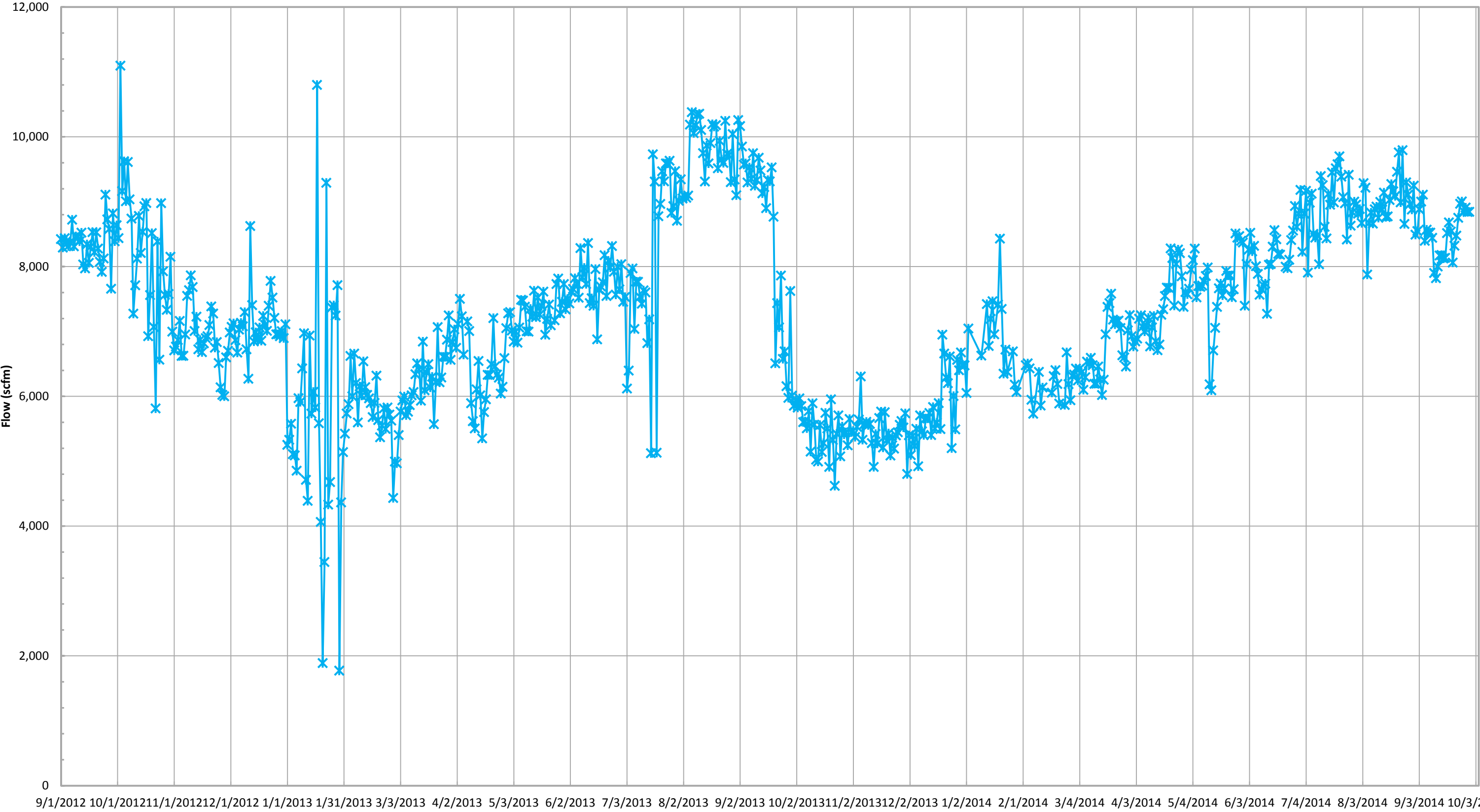
—* Candlestick Flare (FL-140) Flow (scfm)*

*Flow is based on tabulated flow data collected daily.

East Auxillary Candlestick Flare Flow (scfm)*



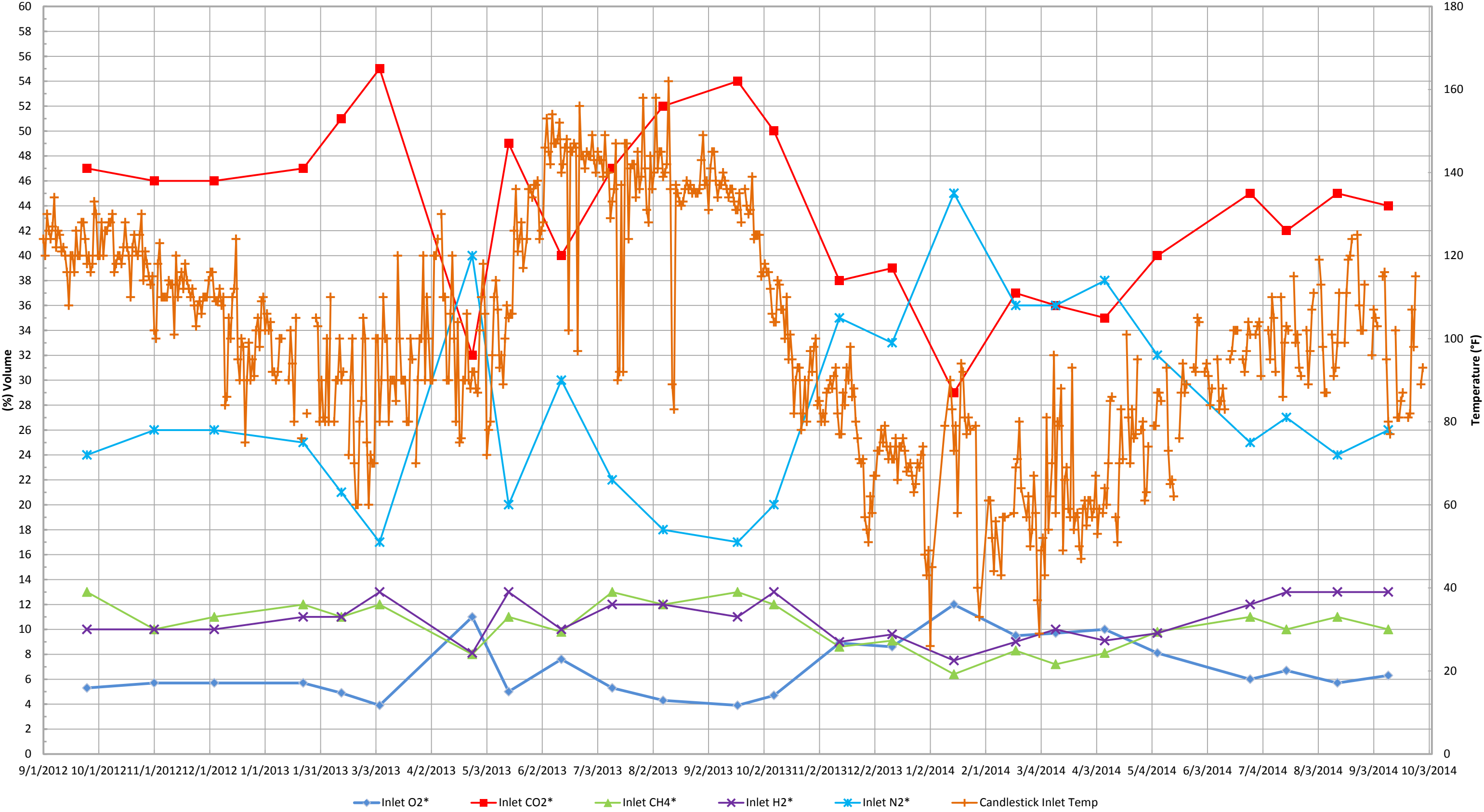
Total Combined Flow (scfm)*



—x— Total Combined Flow (scfm)*

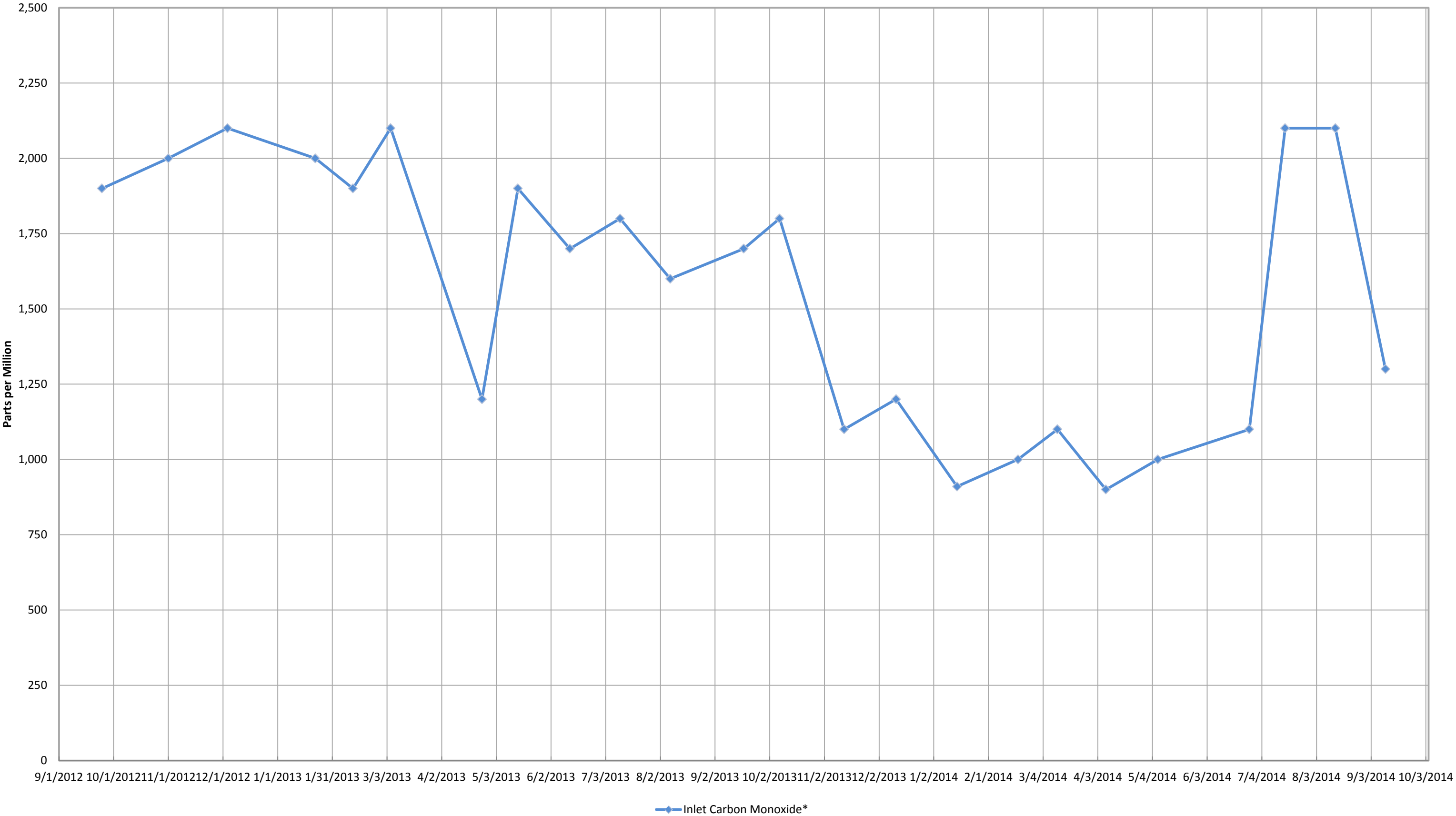
*Combined flow is based on tabulated flow data collected daily from each device.

Inlet Gas and Temperature*



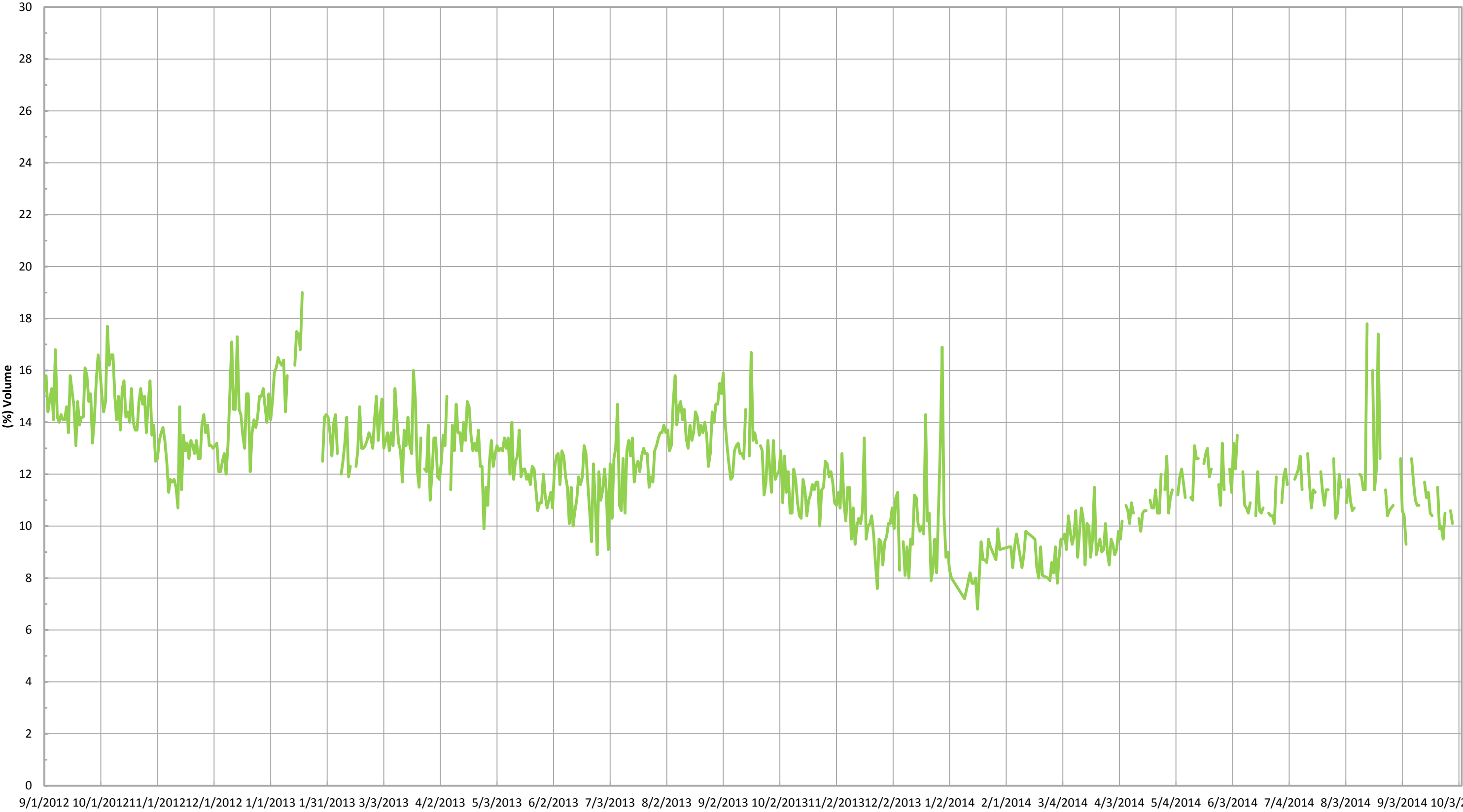
*Gas data collected from Laboratory Reports. Temperature data collected from GEM 2000 field readings.

Inlet Carbon Monoxide*



*Data collected from Laboratory Reports.

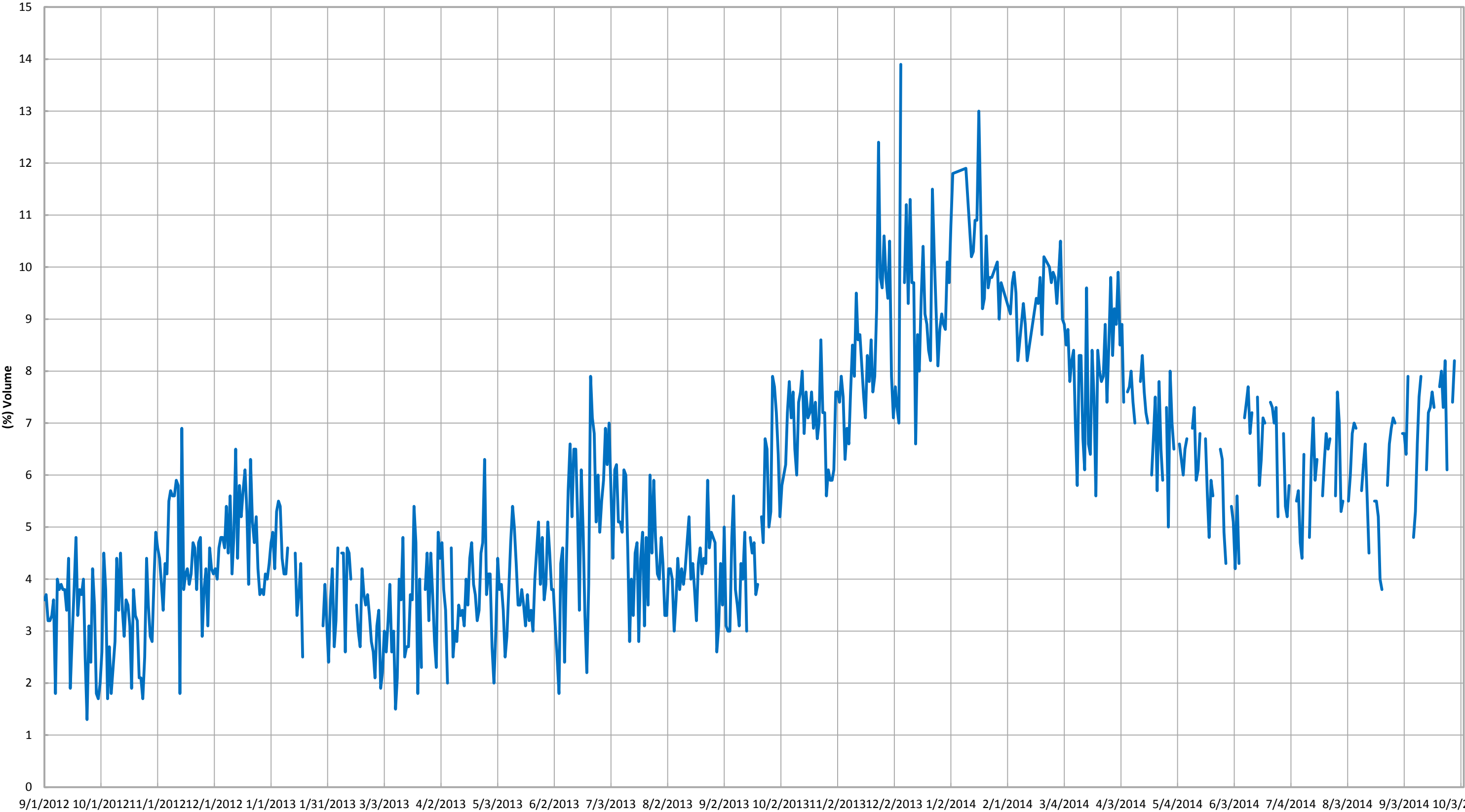
Combined Inlet Methane (GEM 2000)*



Combined Inlet Methane (GEM 2000)*

*Gas data collected from GEM 2000 field monitoring instrument.

Combined Inlet Oxygen (GEM 2000)*



Combined Inlet Oxygen (GEM 2000)*

*Gas data collected from GEM 2000 field monitoring instrument.

ATTACHMENT B

WORK COMPLETED AND PLANNED

Bridgeton Landfill, LLC

Monthly Summary of Work Completed and Planned

Work Completed in September 2014

North Quarry Construction

- Completed installation of three new temperature monitoring probes (TMPs).

Gas Collection and Control System

- Continued operation and maintenance of GCCS System and GIW wells.
- Continued cooling loop in GIW-4.
- Began installation of the Alternative Heat Extraction System.

Leachate Management System

- Continued construction of Phase 1 and Phase 2 of the forcemain to the Bissell Pretreatment Facility.

Pre-Treatment Facility

- Continued limited operation of the facility.

Other Work

- Continued the improvements to the Stormwater Management Project.
- Completed installation of the site security system. This is planned to be in operation mid October.
- Completed installation of the South West Lift Station.

Work Planned for October 2014

Gas Collection and Control System

- Complete Installation and begin operation of the Alternative Heat Extraction Pilot Study.
- Continued operation and maintenance of GCCS system.
- Continued upgrades to GCCS system as required.
- Begin the installation of an 18 inch header line along the south section of the south quarry.
- Begin the installation of 4 re-drill and 1 new gas extraction well.

Leachate Management System

- Continue installation of force main to Bissell Pretreatment Plant.
- Continued routine operation of previously installed and upgraded features.

Pre-Treatment Facility

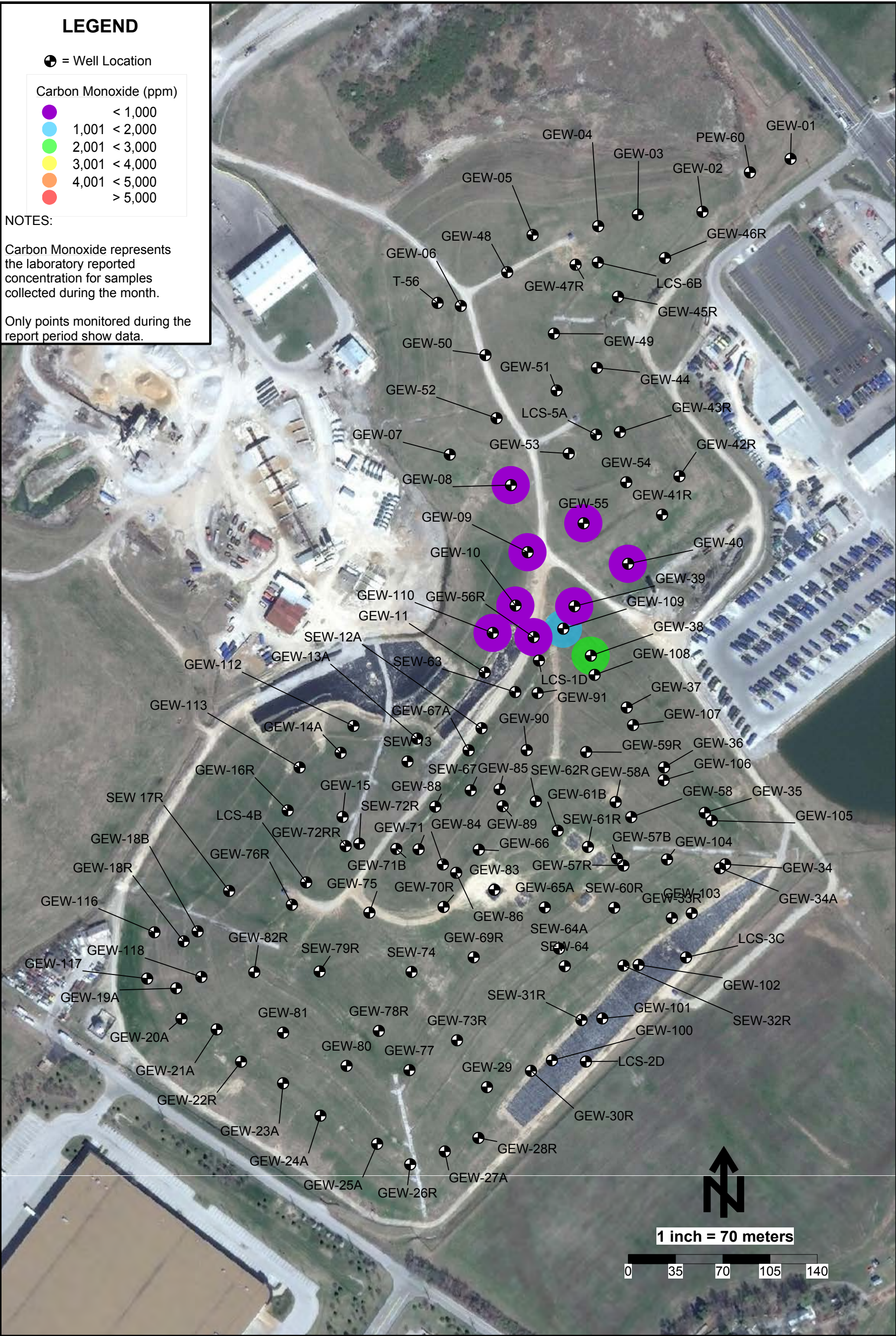
- Continue start-up operation of facility.

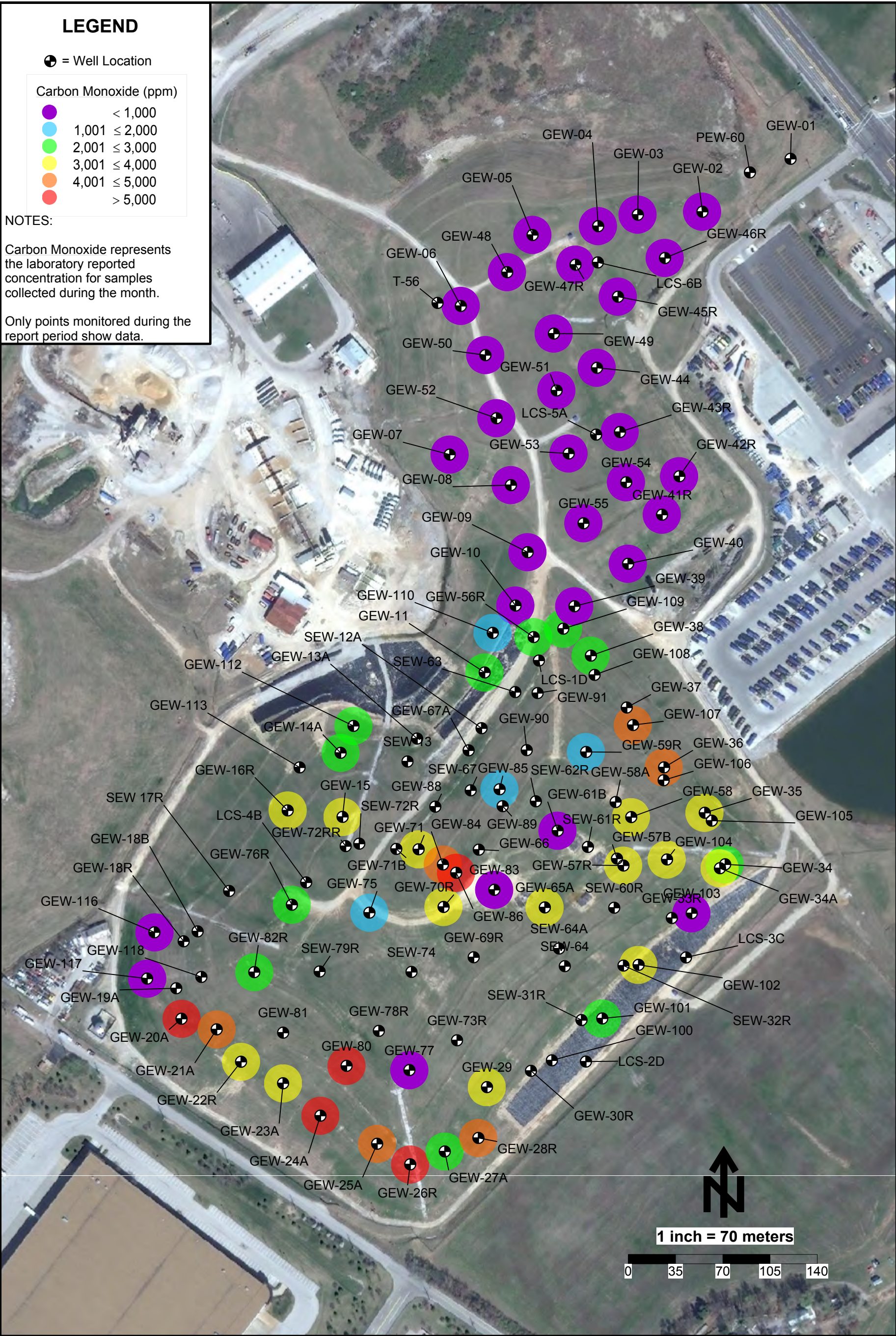
Other

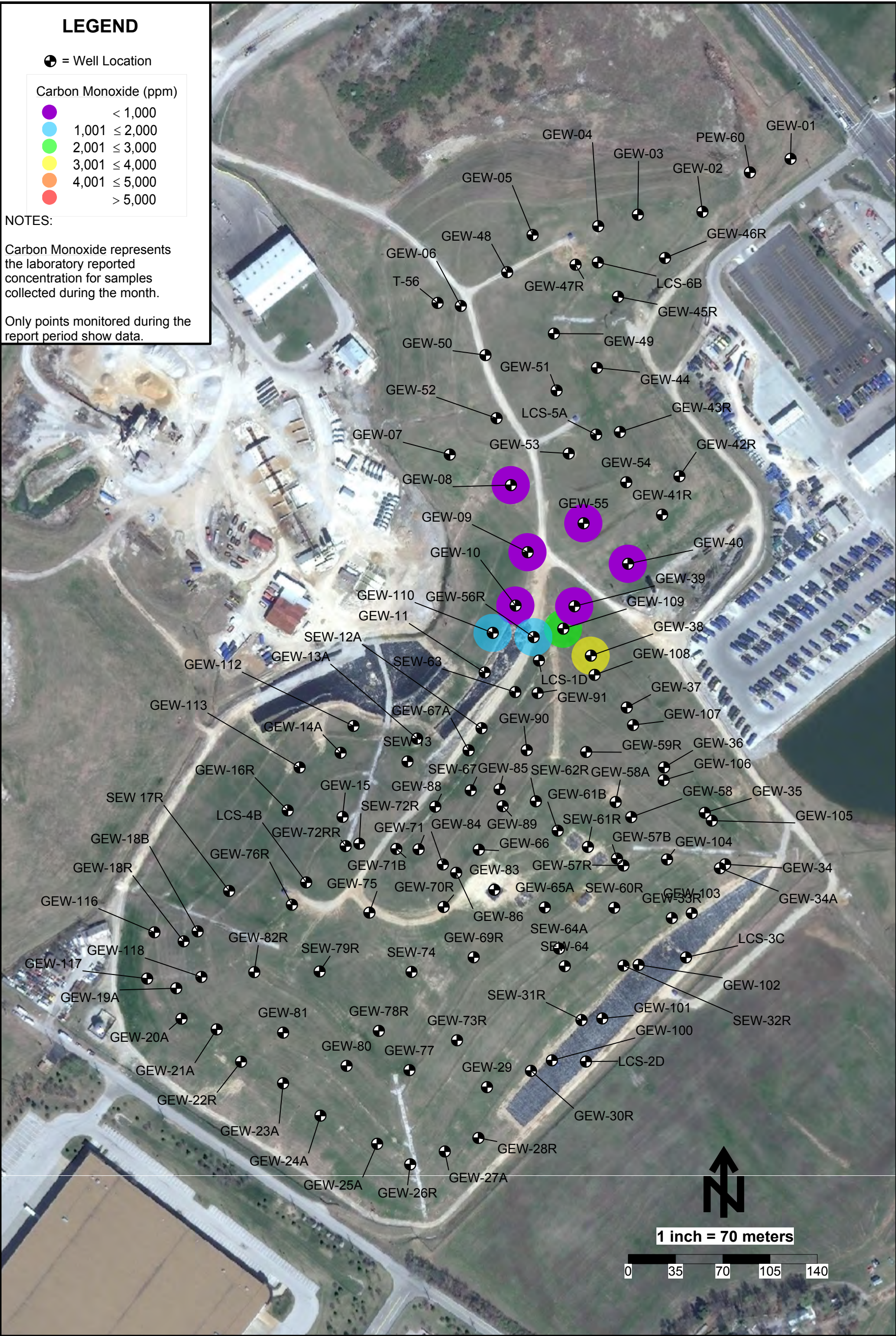
- Begin trial flowable fill projects.
- Begin filling of low area project.
- Activate the Site Security System.

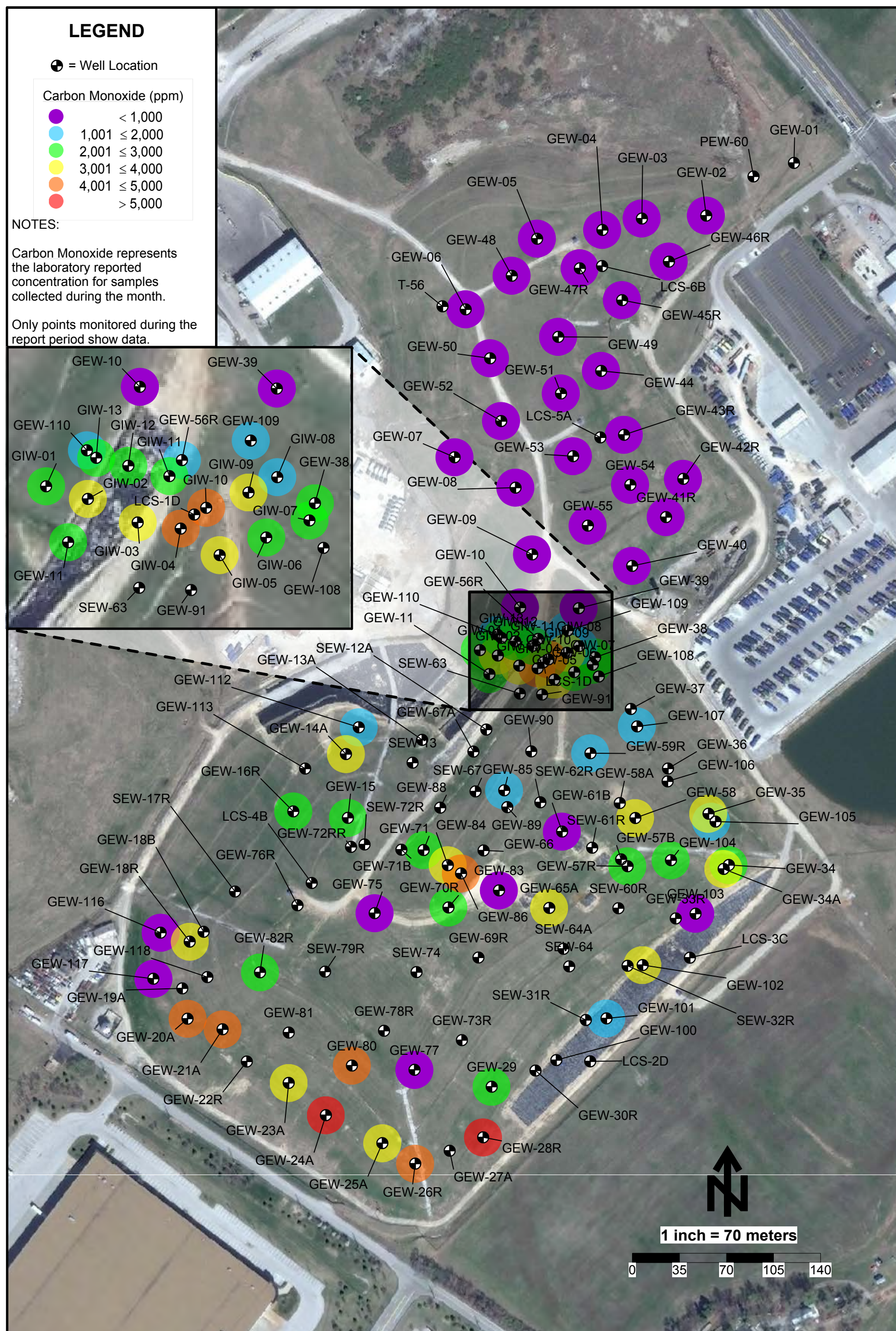
ATTACHMENT C

CARBON MONOXIDE MAPS







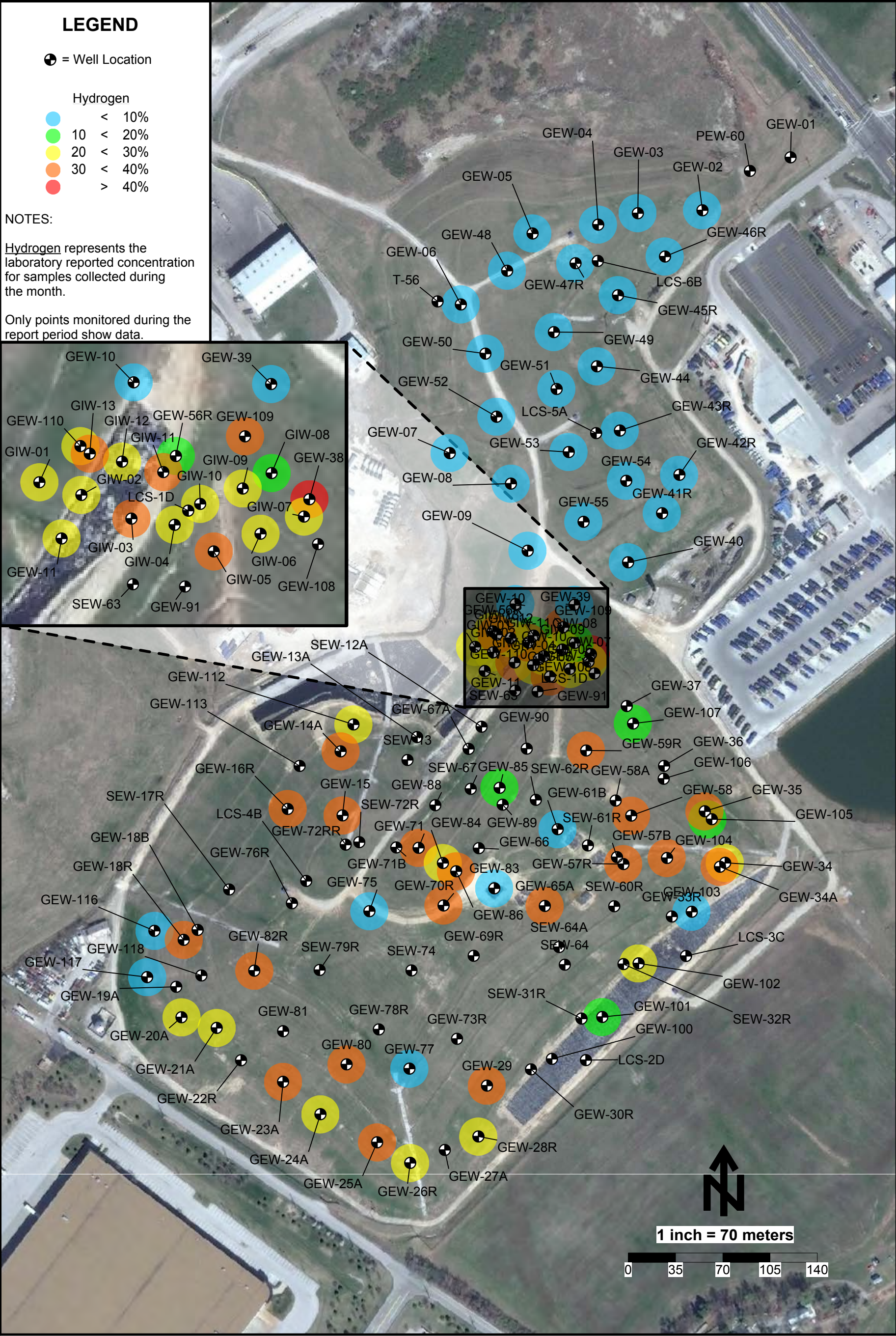


ATTACHMENT D

HYDROGEN MAPS

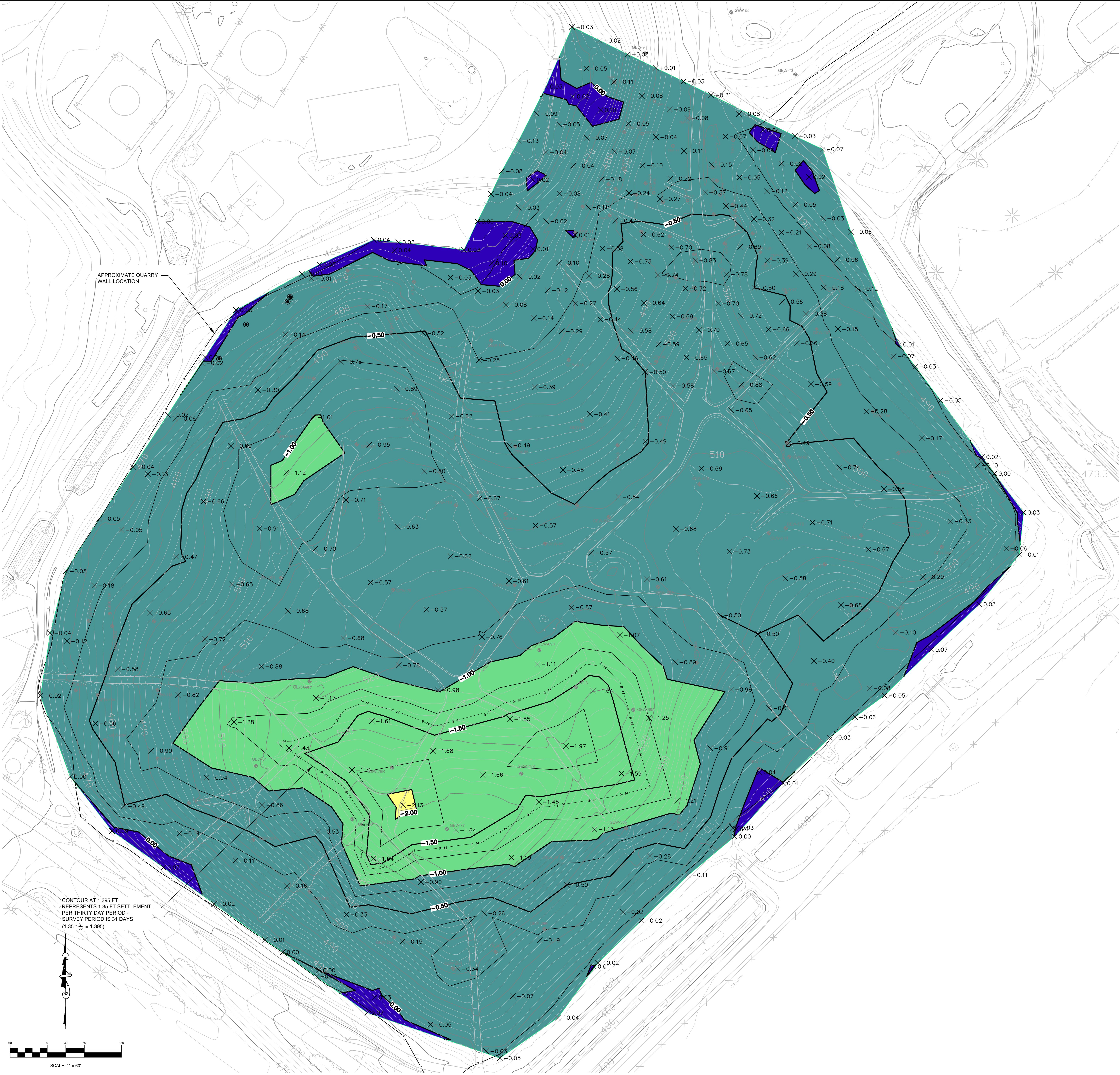






ATTACHMENT E

SETTLEMENT FRONT MAP



- LEGEND**
- TOPOGRAPHY (2' CONTOUR)
 - TOPOGRAPHY (10' CONTOUR)
 - ELEVATION CHANGE (0.25' CONTOUR)
 - ELEVATION CHANGE (0.50' CONTOUR)
 - SEPTEMBER 15, 2014 SETTLEMENT FRONT

GENERAL NOTES:
1.) TOPOGRAPHY SHOWN BASED ON PHOTOGRAPHY DATED 3-20-2014.

- SETTLEMENT NOTES:**
1.) CONTOURS ARE OF CHANGE IN ELEVATION FROM 8/15/14 TO 9/15/14 PERFORMED AT GRID POINTS USING GPS METHODS.
2.) SETTLEMENT IS REPORTED AS A NEGATIVE CHANGE IN ELEVATION.
3.) ANY POINTS THAT WERE NOT A GROUND TO GROUND COMPARISON FROM THE PREVIOUS MONTH OR WERE NOT SURVEYED IN THE SAME LOCATION AS THE PREVIOUS MONTH HAVE BEEN FILTERED OUT.

ELEVATION CHANGE (FEET)				
Number	Minimum Elev. Change	Maximum Elev. Change	Area (sq.ft.)	Color
1	-5.00	-4.00	0.00	
2	-4.00	-3.00	0.00	
3	-3.00	-2.00	1312.89	
4	-2.00	-1.00	227183.96	
5	-1.00	0.00	1279158.17	
6	0.00	1.00	38654.65	

ATTACHMENT F

GAS WELLFIELD DATA

ATTACHMENT F-1

GEM DATA SPREADSHEET

September 2014 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	Init Diff Press	Adj Diff Press	System Pressure	Baro
		(%)				°F		scfm		"H ₂ O					"Hg
GEW-02	9/9/2014 9:15	54.9	41.4	0	3.7	125		22	21	-0.9	-0.9	0.105	0.098	-25.02	
	9/9/2014 9:19	55.0	40.3	0	4.7	125		56	60	-1.6	-1.6	0.679	0.766	-24.71	
	9/26/2014 10:20	56.3	39.0	0.1	4.6	125		22	25	-0.6	-0.6	0.108	0.135	-23.24	
GEW-03	9/9/2014 9:24	54.7	42.6	0	2.7	99		37	37	0.1	0.1	0.277	0.276	0.12	
	9/9/2014 9:28	53.9	41.0	0	5.1	105		34	34	0.1	0.1	0.233	0.242	0.18	
	9/26/2014 10:22	56.0	40.0	0.1	3.9	86		8	9	0.2	0.2	0.012	0.015	0.43	
GEW-04	9/26/2014 10:22	54.9	39.9	0.1	5.1	86		11	8	0.2	0.2	0.023	0.014	0.24	
	9/9/2014 9:33	53.1	41.3	0	5.6	104		9	9	-0.1	0.0	0.017	0.016	-0.80	
	9/9/2014 9:38	53.0	41.8	0	5.2	111		0	0	-0.1	0.0	0	0	0.24	
	9/26/2014 10:24	55.1	40.3	0.1	4.5	90		3	0	0.2	0.2	0.002	0	0.31	
GEW-05	9/26/2014 10:25	54.5	40.6	0.1	4.8	91		8	3	0.2	0.2	0.012	0.002	0.49	
	9/9/2014 9:52	52.0	38.5	0	9.5	99		17	19	-0.3	-0.2	0.060	0.072	-25.63	
	9/9/2014 9:56	52.5	37.6	0	9.9	99		20	19	-0.3	-0.3	0.078	0.072	-24.53	
GEW-06	9/26/2014 10:34	54.0	39.0	0.1	6.9	100		19	17	-0.2	-0.1	0.072	0.062	-22.51	
	9/9/2014 10:11	53.3	42.1	0	4.6	94		18	16	-0.4	-0.3	0.069	0.054	-24.59	
	9/9/2014 10:14	52.4	40.8	0	6.8	94		33	34	-0.4	-0.4	0.220	0.235	-24.89	
GEW-07	9/26/2014 10:38	52.9	38.5	0.1	8.5	94		21	20	-0.4	-0.4	0.090	0.085	-21.35	
	9/9/2014 10:38	53.1	44.6	0	2.3	98		0	0	0.4	0.4	0	0	0.06	
	9/9/2014 10:42	52.7	42.1	0	5.2	101		22	19	0.1	0.1	0.101	0.078	0.12	
	9/26/2014 10:48	51.2	41.0	0.1	7.7	106		23	25	-14.8	-14.8	0.117	0.140	-21.59	
GEW-08	9/26/2014 10:49	50.9	41.3	0.1	7.7	106		17	13	-11.2	-11.1	0.062	0.038	-21.65	
	9/9/2014 13:16	52.7	43.1	0	4.2	119		23	20	-0.4	-0.3	0.110	0.088	-24.89	
	9/9/2014 13:20	51.8	43.0	0	5.2	119		21	18	-0.3	-0.3	0.094	0.072	-24.83	
GEW-09	9/25/2014 9:55	51.5	40.8	0.2	7.5	117		21	19	-1.4	-1.4	0.097	0.079	-24.28	
	9/9/2014 13:24	52.2	44.4	0	3.4	125		22	21	-0.2	-0.2	0.103	0.095	-17.98	
	9/9/2014 13:28	52.8	41.6	0	5.6	126		24	24	-0.3	-0.3	0.119	0.126	-17.98	
GEW-10	9/25/2014 9:58	50.7	41.8	0.2	7.3	117		20	19	-0.9	-0.9	0.088	0.078	-23.00	
	9/8/2014 9:13	55.8	41.8	0	2.4	87	87	103	103	-2.3	-2.3	2.415	2.416	-2.38	29.51
	9/8/2014 9:17	56.5	40.4	0	3.1	87	87	108	105	-2.5	-2.4	2.596	2.459	-2.48	29.51
	9/23/2014 10:32	42.6	33.4	4.5	19.5	95	95	94	93	-1.8	-1.9	2.081	2.048	-1.95	29.73
GEW-11	9/23/2014 10:36	57.3	39.7	0	3.0	95	95	106	109	-2.2	-2.4	2.557	2.690	-3.12	29.73
	9/8/2014 14:53	2.2	71.7	0	26.1	191	191	132	124	-6.0	-5.5	6.599	5.817	-14.38	29.46
	9/8/2014 14:57	2.3	71.6	0	26.1	191	191	118	116	-5.3	-5.1	5.274	5.060	-14.30	29.46
	9/23/2014 11:26	2.6	70.4	0	27.0	192	192	111	125	-4.8	-5.0	4.606	5.835	-13.25	29.75
GEW-14A	9/23/2014 11:27	2.5	69.2	0	28.3	192	192	116	119	-5.2	-5.0	5.021	5.314	-13.91	29.75
	9/8/2014 11:41	0.2	63.7	0	36.1	194	194	167	175	-10.5	-10.7	10.324	11.259	-10.91	29.52
	9/8/2014 11:44	0.1	63.2	0	36.7	194	194	171	173	-10.8	-10.6	10.786	11.086	-10.64	29.52
	9/23/2014 14:21	0.1	64.3	0.1	35.5	193	193	186	193	-12.7	-13.2	12.802	13.756	-12.65	29.69
GEW-15	9/23/2014 14:21	0.1	64.5	0	35.4	193	193	181	192	-12.8	-13.2	12.210	13.663	-12.91	29.69
	9/8/2014 11:53	0	63.2	0	36.8	198	198	136	120	-6.1	-5.8	6.851	5.340	-8.72	29.51
	9/8/2014 11:59	0	61.8	0	38.2	198	198	123	125	-5.7	-5.2	5.608	5.798	-8.84	29.51
	9/23/2014 14:50	0.1	64.1	0	35.8	196	196	117	126	-5.3	-6.2	5.069	5.860	-10.52	29.67
GEW-16R	9/23/2014 14:50	0.1	63.2	0	36.7	196	196	137	120	-7.5	-6.2	6.999	5.328	-9.51	29.67
	9/8/2014 11:47	0.2	63.8	0	36.0	200	200	111	117	-4.4	-4.7	4.588	5.139	-10.21	29.51
	9/8/2014 11:50	0.3	62.4	0	37.3	200	200	110	113	-4.5	-4.7	4.490	4.785	-11.35	29.51
	9/23/2014 14:45	0.4	65.1	0	34.5	200	200	150	128	-5.7	-5.8	6.003	6.126	-9.41	29.67
GEW-16R	9/23/2014 14:46	0.4	65.4	0	34.2	200	200		124	-1.9	-5.6	-0.209	5.742	-9.46	29.67

September 2014 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	Init Diff Press	Adj Diff Press	System Pressure	Baro
		(%)				°F		scfm		"H ₂ O					"Hg
GEW-18R	9/8/2014 15:36	0.1	66.0	0	33.9	199	199			10.3	10.6	-10.292	-10.226	10.44	29.45
	9/8/2014 15:40	0.1	65.8	0	34.1	198	198			8.5	9.2	-9.118	-8.937	9.17	29.45
	9/26/2014 8:08	4.2	56.0	0	39.8	199				39.1	40.3	0	0	-13.21	
	9/26/2014 8:11	31.9	52.9	0	15.2	197				-4.1	-5.0	4.830	4.470	-12.84	
GEW-20A	9/8/2014 15:56	0.9	79.2	0	19.9	118	118			3.7	3.8	-4.126	-4.236	3.69	29.46
	9/8/2014 15:59	0.9	78.7	0	20.4	118	118			3.0	3.0	-3.392	-2.404	3.08	29.46
	9/26/2014 8:22	29.2	49.6	3.8	17.4	119				-8.5	-8.0	8.439	8.154	-8.13	
	9/26/2014 8:24	28.2	51.2	2.8	17.8	117				-7.5	-8.5	7.713	8.687	-8.01	
GEW-21A	9/8/2014 16:01	0.6	73.9	0	25.5	117	117			53.1	58.1			60.93	29.44
	9/8/2014 16:05	2.4	73.8	0	23.8	117	117			76.9	60.4			57.89	29.44
	9/26/2014 8:26	6.7	21.3	14.5	57.5	83				-8.4	-8.5	8.549	8.512	-8.44	
	9/26/2014 8:28	6.3	30.8	11.5	51.4	86				-8.9	-8.4	8.806	8.375	-8.81	
GEW-23A	9/8/2014 16:09	5.5	68.7	0	25.8	155	155	133	133	-5.8	-5.5	6.115	6.118	-5.37	29.42
	9/8/2014 16:13	7.5	67.9	0	24.6	155	155	128	130	-5.6	-5.6	5.669	5.828	-5.72	29.42
	9/26/2014 8:36	12.4	59.1	0.1	28.4	159				-8.9	-8.9	8.962	8.815	-8.75	
	9/26/2014 8:37	12.5	57.8	0	29.7	159				-2.2	-3.0	2.271	2.736	-8.99	
GEW-24A	9/8/2014 16:20	4.1	71.2	0.4	24.3	114	114	128	132	-5.3	-5.3	5.420	5.700	-5.49	29.42
	9/8/2014 16:25	6.5	68.0	0.5	25.0	112	112	120	129	-5.1	-5.1	4.599	5.330	-5.46	29.42
	9/26/2014 8:41	5.3	53.8	1.8	39.1	97				-6.0	-5.9	7.040	6.941	-8.81	
GEW-25A	9/9/2014 9:22	2.1	58.2	0	39.7	162				-5.1	-4.1	5.015	4.049	-7.70	
	9/9/2014 9:30	1.9	61.3	0	36.8	162				-4.1	-4.5	4.319	4.736	-7.39	
	9/26/2014 8:44	5.8	63.0	0	31.2	162				-2.5	-3.1	2.314	3.032	-9.97	
	9/26/2014 8:44	6.1	61.0	0	32.9	163				-2.6	-1.8	2.542	1.225	-10.09	
GEW-26R	9/9/2014 9:38	0.3	65.7	2.0	32.0	113				-6.7	-6.7	6.770	6.551	-7.33	
	9/9/2014 9:44	0.3	60.6	2.4	36.7	115				-5.2	-5.2	5.271	5.225	-7.27	
	9/26/2014 8:48	5.2	64.6	0.2	30.0	179				-9.5	-9.5	9.633	9.624	-9.36	
	9/26/2014 8:48	5.3	65.0	0.3	29.4	179				-9.4	-9.4	9.330	9.412	-10.21	
GEW-28R	9/9/2014 9:55	1.3	47.5	5.0	46.2	86				-6.3	-6.3	6.521	6.433	-9.29	
	9/9/2014 10:03	1.3	46.7	5.1	46.9	87				-0.3	-0.4	0.071	0.177	-9.29	
	9/26/2014 9:00	8.7	44.9	4.7	41.7	91				-5.5	-5.5	5.583	5.574	-10.28	
GEW-29	9/9/2014 10:14	0.8	60.7	0.2	38.3	185				-6.6	-6.6	6.468	6.422	-9.59	
	9/9/2014 10:20	0.9	59.3	0.3	39.5	185				-7.8	-7.8	8.031	7.828	-7.94	
	9/26/2014 9:03	11.3	52.1	1.4	35.2	178				-9.0	-8.9	9.174	9.082	-11.93	
	9/26/2014 9:04	11.0	51.4	1.3	36.3	180				-6.0	-7.0	6.345	7.043	-12.42	
GEW-33R	9/26/2014 9:17	15.6	56.4	0.1	27.9	92				21.3	53.1	0	0	51.87	
	9/26/2014 9:17	15.4	56.3	0.1	28.2	93				53.1	53.5	0	0	53.52	
GEW-34	9/9/2014 14:51	5.5	55.5	1.5	37.5	121				-19.2	-20.3	19.156	20.309	-20.34	29.50
	9/9/2014 14:55	4.6	53.1	1.8	40.5	120				-19.3	-19.8	19.156	19.687	-20.16	
	9/26/2014 9:34	17.1	56.5	1.1	25.3	122				-19.7	-19.7	19.835	19.761	-20.00	29.51
GEW-34A	9/9/2014 14:42	1.0	57.2	0.6	41.2	115				-17.4	-16.4	17.318	16.230	-22.85	29.51
	9/9/2014 14:47	0.7	49.7	0.1	49.5	119				-14.7	-15.0	14.483	14.694	-19.98	29.51
	9/26/2014 9:26	4.3	52.9	0.3	42.5	194				-5.0	-6.8	5.197	6.896	-21.53	29.51
	9/26/2014 9:26	4.8	55.8	0.3	39.1	194				-4.7	-6.0	4.977	6.107	-23.30	29.51
GEW-35	9/9/2014 15:10	0.4	55.5	2.1	42.0	103				-20.4	-19.8	20.400	19.668	-20.40	29.51
	9/9/2014 15:16	0.7	54.8	1.8	42.7	187				-21.3	-18.9	21.497	18.955	-21.38	29.51
	9/26/2014 9:31	9.7	45.5	3.9	40.9	186				-28.5	-28.5	28.889	28.889	-17.19	29.52
	9/26/2014 9:31	6.5	47.9	3.7	41.9	186				-18.0	-18.3	18.283	18.549	-17.61	29.52

September 2014 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	Init Diff Press	Adj Diff Press	System Pressure	Baro
		(%)				°F		scfm		"H ₂ O					"Hg
GEW-38	9/8/2014 8:33	0.1	62.8	0	37.1	186	186	69	77	-1.6	-1.9	1.767	2.178	-15.48	29.36
	9/8/2014 8:39	0.1	61.3	0	38.6	186	186	88	92	-2.5	-3.0	2.843	3.107	-19.00	
	9/25/2014 9:31	2.2	51.3	1.6	44.9	182				-6.9	-6.7	7.052	6.786	-22.39	29.52
	9/25/2014 9:32	2.2	52.2	1.2	44.4	181				-5.1	-5.4	5.372	5.730	-20.00	29.52
GEW-39	9/8/2014 8:52	36.4	56.6	0	7.0	136	136	41	40	-0.2	-0.2	0.497	0.492	-19.23	29.35
	9/8/2014 8:56	36.5	53.5	0	10.0	136	136	41	41	-0.2	-0.2	0.505	0.493	-19.37	29.35
	9/25/2014 9:39	49.3	50.4	0.3	0	133				-0.9	-0.8	0.851	0.853	-24.89	29.52
	9/25/2014 9:41	49.9	49.9	0.3	0	133				-0.7	-0.7	0.659	0.670	-25.81	29.52
GEW-40	9/9/2014 8:03	54.4	43.6	0	2.0	96				-0.6	-0.5	0.172	0.184	-25.87	29.36
	9/9/2014 8:09	53.3	44.4	0	2.3	96				-0.6	-0.6	0.268	0.267	-24.65	29.36
	9/25/2014 9:49	55.1	40.4	0.6	3.9	96		38	37	-0.7	-0.7	0.288	0.279	-27.16	29.51
GEW-41R	9/9/2014 8:16	53.9	41.5	0	4.6	109				-0.7	-0.6	0.067	0.066	-24.95	29.50
	9/9/2014 8:21	53.6	37.8	0	8.6	109				-0.7	-0.7	0.064	0.093	-25.32	29.50
	9/26/2014 9:58	57.8	37.2	0.1	4.9	109				-0.8	-0.8	0.084	0.085	-25.57	
	9/26/2014 10:00	55.0	37.5	0	7.5	110				-1.0	-1.0	0.079	0.104	-25.02	29.50
GEW-42R	9/9/2014 8:24	51.7	40.1	0	8.2	93				-0.4	-0.4	0.012	0.011	-25.32	29.50
	9/9/2014 8:29	51.5	40.6	0	7.9	92				-0.3	-0.3	0.197	0.197	-25.26	29.50
	9/26/2014 10:03	52.8	36.4	0	10.8	90		8	7	-0.4	-0.4	0.012	0.009	-23.24	29.50
GEW-43R	9/9/2014 8:33	52.6	42.7	0	4.7	126				-0.5	-0.5	0.130	0.131	-25.38	29.49
	9/9/2014 8:37	52.8	42.4	0	4.8	126				-0.5	-0.4	0.175	0.076	-25.20	
	9/26/2014 10:05	52.9	38.9	0.5	7.7	127		21	23	-0.8	-0.8	0.091	0.111	-23.00	29.49
GEW-44	9/9/2014 8:42	51.3	40.9	0	7.8	101				-0.1	-0.1	0	0	-25.26	29.49
	9/9/2014 8:46	52.1	40.2	0	7.7	100				-0.1	-0.1	0.247	0.245	-24.95	29.49
	9/26/2014 10:08	49.5	37.4	0.1	13.0	102		6	6	-0.4	-0.4	0.007	0.007	-23.43	29.50
GEW-45R	9/9/2014 8:51	55.9	40.1	0	4.0	101				-3.4	-3.4	0.060	0.052	-26.42	29.50
	9/9/2014 8:56	56.5	38.8	0	4.7	100				-3.4	-3.4	0.191	0.175	-25.26	29.50
	9/26/2014 10:11	56.2	37.9	0.1	5.8	107		16	18	-3.0	-3.0	0.053	0.067	-21.96	29.51
	9/26/2014 10:12	57.1	38.4	0.1	4.4	107		17	16	-3.6	-3.6	0.059	0.056	-22.87	29.51
GEW-46R	9/9/2014 9:01	46.1	38.0	0	15.9	100		27	27	-0.2	-0.2	0.146	0.154	-25.38	29.50
	9/9/2014 9:05	46.1	37.8	0	16.1	99		29	29	-0.2	-0.2	0.177	0.176	-25.57	
	9/26/2014 10:14	51.6	36.7	0	11.7	98		3	0	-0.1	-0.1	0.002	0	-23.00	29.50
GEW-47R	9/9/2014 9:44	48.6	40.8	0	10.6	115		8	11	-0.2	-0.2	0.014	0.026	-25.02	29.48
	9/9/2014 9:49	48.6	40.4	0	11.0	115		28	28	-0.2	-0.2	0.169	0.166	-25.20	
	9/26/2014 10:32	52.2	40.1	0.4	7.3	110		26	26	0.0	0.0	0.136	0.136	-20.86	29.49
GEW-48	9/9/2014 10:04	55.0	41.8	0	3.2	107		30	29	-0.2	-0.2	0.188	0.178	-18.17	29.48
	9/9/2014 10:07	55.3	40.5	0	4.2	107		14	17	-0.2	-0.2	0.041	0.060	-23.30	
	9/26/2014 10:36	56.0	37.9	0.1	6.0	107		17	12	-0.2	-0.2	0.061	0.029	-20.98	29.49
GEW-49	9/9/2014 10:47	45.6	39.6	0	14.8	114		9	6	-0.1	-0.1	0.016	0.006	-25.20	29.46
	9/9/2014 10:51	45.9	38.4	0	15.7	114		12	12	-0.1	-0.1	0.032	0.031	-24.65	
	9/26/2014 10:53	41.7	36.2	0.1	22.0	110		0	0	-0.2	-0.2	0	0	-23.24	29.50
GEW-50	9/9/2014 10:21	52.8	44.8	0	2.4	109		15	12	-0.2	-0.2	0.046	0.032	-20.86	29.48
	9/9/2014 10:25	52.2	42.6	0	5.2	109		17	16	-0.2	-0.2	0.060	0.054	-19.94	
	9/26/2014 10:44	53.3	39.5	0.1	7.1	108		15	15	-0.3	-0.3	0.046	0.044	-16.21	29.42
GEW-51	9/9/2014 11:09	49.3	44.5	0	6.2	124		11	11	0.0	0.0	0.027	0.027	-24.53	29.46
	9/9/2014 11:13	48.9	43.3	0	7.8	125		13	13	0.0	0.0	0.038	0.037	-25.26	
	9/26/2014 10:55	51.5	40.4	0.1	8.0	122		11	15	-0.7	-0.6	0.027	0.046	-22.81	29.50

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Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	Init Diff Press	Adj Diff Press	System Pressure	Baro
		(%)				°F		scfm		"H ₂ O					"Hg
GEW-52	9/9/2014 10:31	51.9	45.1	0	3.0	104		30	30	0.2	0.2	0.181	0.183	0.18	29.49
	9/9/2014 10:35	51.9	44.0	0	4.1	104		0	5	0.2	0.1	0	0.005	0	
	9/26/2014 10:46	50.6	38.7	0.1	10.6	104		13	13	-0.4	-0.4	0.035	0.035	-21.47	29.43
GEW-53	9/9/2014 11:17	47.4	43.2	0	9.4	99		9	8	0.5	0.4	0.016	0.014	-25.38	
	9/9/2014 11:22	47.9	43.6	0	8.5	131		17	17	-0.1	-0.2	0.064	0.063	-24.59	
	9/26/2014 11:00	51.0	41.6	0.1	7.3	138		16	14	-1.0	-1.0	0.059	0.043	-22.20	
GEW-54	9/26/2014 11:00	49.8	43.0	0.1	7.1	138		15	16	-0.9	-0.9	0.052	0.053	-22.14	
	9/9/2014 11:28	50.3	42.6	0	7.1	135		37	31	-1.8	-1.8	0.297	0.204	-25.08	
	9/9/2014 11:31	50.5	40.7	0	8.8	135		33	33	-1.9	-1.9	0.245	0.245	-24.28	
GEW-55	9/26/2014 11:02	49.1	41.4	0.1	9.4	133		36	37	-2.2	-2.2	0.283	0.300	-25.38	
	9/26/2014 11:03	49.8	41.0	0.1	9.1	134		31	37	-2.2	-2.2	0.215	0.306	-24.40	
	9/9/2014 11:35	50.3	43.2	0	6.5	130		8	7	0.0	0.0	0.012	0.011	-25.02	
GEW-56R	9/9/2014 11:39	50.3	41.7	0	8.0	131		14	14	-0.1	-0.1	0.043	0.044	-25.14	
	9/25/2014 9:52	53.9	41.2	0.2	4.7	128		15	14	-0.8	-0.8	0.046	0.044	-28.50	
	9/8/2014 9:07	16.8	64.3	0.9	18.0	165	165	73	70	-1.8	-1.7	1.838	1.695	-1.51	29.49
GEW-57B	9/8/2014 9:11	17.8	66.8	0	15.4	165	165	75	74	-1.8	-1.8	1.902	1.873	-1.84	29.49
	9/23/2014 10:28	21.5	63.7	0	14.8	162	162	89	83	-2.5	-2.2	2.637	2.271	-2.08	29.71
	9/23/2014 10:29	20.7	62.7	0	16.6	162	162	91	89	-2.6	-2.4	2.747	2.580	-2.42	29.71
GEW-57R	9/25/2014 11:30	0.6	51.9	0.4	47.1	190				-14.7	-15.3	14.931	15.767	-14.62	
	9/25/2014 11:31	0.5	54.8	0.3	44.4	190				-10.1	-9.5	10.422	9.844	-16.57	
	9/8/2014 10:04	0.4	64.9	0	34.7	196	196	181	178	-12.1	-11.9	12.235	11.768	-12.19	29.50
GEW-58	9/8/2014 10:08	0.4	65.5	0	34.1	196	196	177	183	-12.1	-12.5	11.757	12.574	-12.26	29.50
	9/25/2014 11:26	2.2	54.1	0.4	43.3	194				-15.7	-15.6	16.226	16.088	-16.57	
	9/25/2014 11:27	0.8	56.2	0.4	42.6	194				-14.7	-14.3	14.959	14.683	-16.94	
GEW-59R	9/8/2014 9:51	0.4	65.8	0	33.8	195	195			-3.0	-2.0	-2.511	-2.204	-16.81	29.49
	9/8/2014 9:54	0.4	64.9	0	34.7	195	195			-3.5	-3.0	-3.966	-3.935	-15.93	29.49
	9/25/2014 10:59	0.9	56.4	1.2	41.5	194				-5.0	-6.8	6.070	6.905	-19.82	
GEW-61B	9/25/2014 11:00	0.9	55.5	1.0	42.6	194				-2.3	-1.4	2.291	1.512	-15.11	
	9/8/2014 9:43	1.2	62.4	0	36.4	179	179	166	152	-9.0	-7.2	9.887	8.273	-19.92	29.49
	9/8/2014 9:46	1.2	61.7	0	37.1	179	179	123	114	-6.0	-5.3	5.387	4.645	-19.87	29.49
GEW-65A	9/25/2014 10:54	1.6	56.1	0.3	42.0	181				-12.3	-7.8	12.700	7.732	-20.98	
	9/25/2014 10:56	1.6	55.9	0.3	42.2	181				-5.4	-7.3	5.629	7.410	-22.51	
	9/8/2014 10:31	0	1.8	20.3	77.9	87	87	253	244	-14.2	-13.3	15.158	14.039	-12.56	29.49
GEW-70R	9/8/2014 10:34	0	0.9	20.5	78.6	87	87	254	242	-14.1	-13.9	15.209	13.785	-14.56	29.49
	9/25/2014 11:36	0	3.4	20.7	75.9	93				-17.6	-16.2	18.219	16.814	-17.98	
	9/25/2014 11:36	0	2.5	20.4	77.1	94				-17.2	-17.2	17.787	17.980	-17.98	
GEW-71	9/8/2014 11:23	7.6	67.4	0	25.0	199	199			-8.7	-9.1	-9.340	-10.279	-8.92	29.50
	9/8/2014 11:29	13.2	65.4	0	21.4	199	199			-10.0	-9.6	-9.471	-10.775	-9.86	29.50
	9/25/2014 14:19	7.8	51.4	0.2	40.6	195				-14.4	-14.0	14.490	14.022	-14.13	
GEW-77	9/25/2014 14:19	8.1	56.6	0.3	35.0	195				-15.3	-15.3	15.124	15.399	-15.17	
	9/8/2014 11:13	7.9	55.9	2.1	34.1	95	95	218	206	-13.5	-13.3	14.032	12.538	-13.40	29.49
	9/8/2014 11:17	7.8	50.9	3.8	37.5	95	95	220	219	-14.2	-13.8	14.060	13.948	-14.23	29.49
GEW-78	9/25/2014 14:30	8.8	42.1	4.8	44.3	161				-18.9	-18.4	19.063	18.393	-18.90	
	9/25/2014 14:30	8.6	43.4	4.6	43.4	162				-18.8	-18.5	18.889	18.669	-19.02	
	9/8/2014 11:06	2.5	64.5	0	33.0	199	199	152	156	-8.4	-9.1	8.521	9.034	-9.93	29.50
GEW-79	9/8/2014 11:10	3.9	63.2	0	32.9	199	199	154	156	-8.8	-8.3	8.752	8.880	-8.95	29.50
	9/23/2014 15:00	0.8	62.8	0	36.4	200	200	166	165	-10.0	-9.4	10.208	10.140	-9.46	29.65
	9/23/2014 15:00	0.7	63.8	0	35.5	200	200	163	164	-9.9	-10.0	9.897	9.969	-9.86	29.65

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		(%)				°F		scfm		"H ₂ O					"Hg
GEW-75	9/8/2014 11:33	15.8	37.9	2.7	43.6	98	98	180	177	-8.3	-8.3	8.540	8.297	-9.04	29.49
	9/8/2014 11:36	15.8	39.4	2.7	42.1	98	98	183	179	-8.4	-8.7	8.887	8.526	-7.93	29.49
	9/25/2014 14:36	27.8	32.9	5.5	33.8	97				-12.0	-11.9	12.048	11.763	-13.15	
	9/25/2014 14:36	27.3	32.4	5.3	35.0	97				-11.7	-11.6	11.579	11.534	-12.72	
GEW-76R	9/25/2014 14:39	9.0	51.8	0.1	39.1	97				0.8	0.9	0	0	1.10	
	9/25/2014 14:39	9.2	53.8	0.2	36.8	98				0.8	0.8	0	0	1.04	
GEW-77	9/8/2014 15:13	0	3.7	20.0	76.3	97	97	189	191	-8.2	-8.2	8.634	8.872	-8.13	29.40
	9/8/2014 15:16	0	2.7	20.0	77.3	96	96	192	186	-8.1	-8.2	8.834	8.285	-7.92	29.40
	9/25/2014 15:10	3.6	3.0	18.9	74.5	93				-12.2	-12.1	12.406	12.296	-12.42	
	9/25/2014 15:11	3.6	2.9	18.2	75.3	95				-12.7	-12.4	12.893	12.525	-13.09	
GEW-80	9/8/2014 15:24	0.1	69.7	0	30.2	192	192	112	118	-4.6	-4.7	4.703	5.224	-5.03	29.41
	9/8/2014 15:28	0.1	70.3	0	29.6	193	193	101	106	-4.0	-4.6	3.863	4.313	-5.63	29.41
	9/25/2014 15:15	4.9	52.4	0.3	42.4	193				-6.8	-6.2	6.997	6.309	-8.75	
	9/25/2014 15:16	5.3	59.0	0.3	35.4	194				-3.6	-2.6	3.450	2.792	-9.24	
GEW-82R	9/8/2014 15:31	0.7	65.6	0	33.7	182	182	99		-3.2	-2.7	3.614	-0.242	-3.58	29.42
	9/8/2014 15:34	0.8	64.2	0	35.0	183	183	102	77	-3.6	-3.3	3.781	2.196	-3.47	29.42
	9/25/2014 15:20	7.9	53.8	0.2	38.1	186				-10.3	-11.1	10.303	11.010	-10.28	
	9/25/2014 15:21	8.5	55.5	0.2	35.8	186				-7.8	-8.2	7.943	8.375	-10.64	
GEW-83	9/8/2014 10:45	0	4.6	19.2	76.2	90	90	227	231	-12.9	-12.7	12.444	12.831	-12.84	29.49
	9/8/2014 10:49	0	3.1	19.5	77.4	90	90	233	234	-13.1	-13.1	12.962	13.134	-13.11	29.49
	9/25/2014 14:16	6.0	5.1	18.6	70.3	95				-13.9	-13.9	13.884	13.893	-19.02	
	9/25/2014 14:16	5.5	3.0	18.1	73.4	97				-14.0	-14.0	14.031	14.114	-19.02	
GEW-84	9/8/2014 11:00	2.8	70.7	0	26.5	176	176	167	165	-10.0	-10.0	10.161	9.939	-10.11	29.49
	9/8/2014 11:03	3.4	69.6	0.2	26.8	176	176	163	160	-9.9	-9.6	9.636	9.334	-9.76	29.49
	9/23/2014 15:02	1.6	70.0	0.3	28.1	173	173	178	176	-11.6	-11.1	11.633	11.312	-11.29	29.65
	9/23/2014 15:03	1.7	71.3	0	27.0	173	173	179	177	-11.4	-11.4	11.754	11.491	-11.31	29.65
GEW-85	9/8/2014 10:37	0.1	35.0	10.2	54.7	107	107	209	208	-13.1	-13.9	12.437	12.350	-13.42	29.51
	9/8/2014 10:41	0.1	25.7	13.0	61.2	87	87	234	214	-13.3	-13.9	14.418	12.079	-13.39	29.51
GEW-86	9/8/2014 10:52	0.6	69.9	0	29.5	195	195	34	77	-2.2	-1.8	0.454	2.278	-13.62	29.49
	9/8/2014 10:57	0.7	70.2	0	29.1	195	195	69	73	-1.5	-1.4	1.850	2.032	-13.29	29.49
	9/25/2014 14:13	6.4	60.2	0.1	33.3	190				-14.1	-13.6	14.077	13.636	-16.09	
	9/25/2014 14:14	6.4	57.6	0.2	35.8	191				-13.9	-14.6	13.939	14.766	-18.96	
GEW100	9/9/2014 11:03	2.1	51.7	7.5	38.7	104				-11.9	-11.1	11.799	11.040	-13.19	
GEW-101	9/9/2014 11:11	1.8	45.5	8.6	44.1	105				-13.0	-12.8	12.924	12.824	-13.81	
	9/26/2014 9:08	8.8	67.8	0.1	23.3	185				-0.2	-0.2	0.174	0.140	-16.02	
	9/26/2014 9:09	8.9	69.3	0.2	21.6	185				-0.3	-0.2	0.306	0.222	-15.66	
GEW-102	9/9/2014 14:20	1.9	62.1	1.1	34.9	153				-14.6	-10.6	14.502	10.652	-14.54	
	9/9/2014 14:26	0.9	54.6	1.8	42.7	156				-12.5	-11.3	12.215	10.944	-12.58	
	9/26/2014 9:14	10.0	48.7	3.8	37.5	152				-14.4	-4.6	14.536	4.430	-15.23	
	9/26/2014 9:14	8.6	53.8	2.0	35.6	153				-8.5	-10.8	8.448	10.753	-9.72	
GEW-103	9/9/2014 14:30	2.2	17.0	15.5	65.3	102				-16.8	-22.2	16.751	22.284	-16.62	
	9/9/2014 14:36	1.9	13.3	16.2	68.6	102				-16.9	-16.9	16.815	16.962	-16.98	
	9/26/2014 9:20	9.4	18.4	15.5	56.7	92				-15.6	-14.8	15.859	15.133	-17.25	
	9/26/2014 9:20	7.4	15.9	15.0	61.7	92				-14.2	-13.3	14.169	13.306	-17.13	
GEW-104	9/8/2014 9:57	0.4	55.6	3.2	40.8	117	117	199	192	-12.7	-12.4	12.535	11.618	-11.84	29.49
	9/8/2014 10:01	0.4	56.1	2.7	40.8	116	116	200	188	-12.3	-11.5	12.602	11.122	-11.55	29.49
	9/25/2014 11:03	0.6	46.0	4.8	48.6	154				-17.1	-17.1	17.475	17.337	-17.43	
	9/25/2014 11:04	0.6	47.8	3.9	47.7	157				-15.7	-15.7	15.960	15.932	-15.60	

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		(%)				°F		scfm		"H ₂ O					"Hg
GEW-105	9/9/2014 13:53	9.9	50.0	5.7	34.4	105				-23.4	-23.4	23.747	23.563	-23.12	
	9/9/2014 14:59	11.1	52.8	4.7	31.4	102				-21.4	-19.3	21.497	19.230	-21.32	
	9/9/2014 15:05	13.3	57.8	2.6	26.3	103				-19.8	-20.9	19.742	20.930	-20.71	
	9/26/2014 9:29	21.3	49.1	4.5	25.1	94				-20.2	-19.8	20.579	20.266	-19.94	
GEW-107	9/9/2014 13:42	0.2	11.7	16.1	72.0	101				-20.0	-19.5	19.881	19.394	-20.18	
	9/9/2014 13:46	0.2	24.2	12.2	63.4	104				-20.0	-22.0	20.028	22.323	-20.67	
	9/26/2014 9:37	11.2	13.6	19.6	55.6	89				-22.2	-24.1	22.608	24.242	-21.71	
	9/26/2014 9:37	4.3	6.0	19.5	70.2	91				-23.7	-22.1	24.050	22.736	-25.57	
GEW-109	9/8/2014 8:43	2.6	58.4	0.9	38.1	116	116	135	140	-5.4	-5.8	5.760	6.188	-14.02	29.48
	9/8/2014 8:49	2.5	56.2	1.8	39.5	116	116	169	168	-8.6	-8.7	8.861	8.786	-13.28	29.48
	9/25/2014 9:35	8.8	53.3	0.8	37.1	120				-7.8	-7.8	7.998	7.998	-19.45	
	9/25/2014 9:36	8.9	53.6	0.4	37.1	119				-5.9	-5.9	6.162	6.097	-19.94	
GEW-110	9/8/2014 9:20	3.8	29.7	9.5	57.0	73	73	248	248	-16.2	-15.9	15.918	15.878	-16.11	29.51
	9/8/2014 9:24	4.0	40.7	6.2	49.1	73	73	246	245	-16.4	-16.2	16.396	16.238	-16.36	29.51
	9/23/2014 10:42	1.0	11.5	16.6	70.9	71	71	279	279	-18.5	-18.5	18.757	18.796	-18.46	29.73
	9/23/2014 10:42	0.9	10.7	17.0	71.4	71	71	273	277	-17.6	-17.8	17.834	18.403	-18.41	29.73
GEW-112	9/8/2014 15:04	0.2	31.6	10.1	58.1	99	99	197	196	-10.5	-10.4	10.675	10.639	-10.43	29.46
	9/8/2014 15:07	0.2	36.6	9.2	54.0	98	98	197	175	-10.5	-10.2	10.882	10.545	-10.20	29.46
	9/23/2014 14:25	0.6	32.2	10.1	57.1	88	88	229	231	-14.1	-14.4	14.243	14.547	-14.39	29.69
	9/23/2014 14:26	0.5	32.6	9.7	57.2	88	88	221	220	-13.2	-13.0	13.265	13.103	-12.87	29.69
GEW-116	9/8/2014 15:42	26.6	71.4	0	2.0	103	103			0.4	0.1	-0.423	-0.208	0.19	29.46
	9/8/2014 15:45	27.5	69.1	0	3.4	103	103			0.4	0.2	-0.266	-0.193	0.27	29.46
	9/26/2014 8:14	33.8	8.6	18.0	39.6	82				-8.5	-8.9	8.439	8.760	-8.81	
	9/26/2014 8:16	28.4	13.8	16.7	41.1	83				-6.5	-6.5	6.400	6.400	-8.13	
GEW-117	9/8/2014 15:47	46.3	43.6	1.5	8.6	102	102	157	144	-5.1	-5.1	5.963	5.050	-4.83	29.46
	9/8/2014 15:53	46.9	41.8	1.5	9.8	102	102	149	147	-5.4	-5.4	5.355	5.169	-5.15	29.46
LCS-5A	9/9/2014 11:24	56.0	41.8	0	2.2	98				-23.4	-23.9	23.977	24.207	-23.49	
	9/26/2014 10:58	57.3	40.0	0.1	2.6	100				-21.2	-21.2	21.837	21.671	-21.96	
LCS-6B	9/9/2014 9:41	52.6	40.9	0.3	6.2	86		8	8	-0.8	-0.8	0.012	0.012	-24.83	
	9/26/2014 10:27	53.2	40.3	0.5	6.0	94		11	11	-0.4	-0.4	0.024	0.023	-20.92	
PEW-60	9/9/2014 9:11	43.4	34.4	1.2	21.0	80		0	0	-14.7	-15.0	0	0	-24.77	
	9/26/2014 10:17	38.6	27.8	4.1	29.5	92		8	8	-17.2	-17.2	0.014	0.014	-23.00	
SEW-12A	9/12/2014 8:29	7.7	34.6	9.7	48.0	74				-4.1	-4.0	4.035	4.036	-17.49	
	9/12/2014 8:29	8.5	33.1	9.7	48.7	74				-4.1	-4.0	4.065	4.039	-17.13	
	9/23/2014 11:37	12.0	41.0	6.2	40.8	95	95	120	118	-3.6	-3.6	3.906	3.810	-16.69	29.74
	9/23/2014 11:38	12.4	38.3	6.6	42.7	97	97	120	120	-3.7	-3.6	3.888	3.893	-17.63	29.74
SEW-17R	9/12/2014 9:53	4.2	61.8	0.2	33.8	179				1.5	1.5	0	0	1.47	
	9/12/2014 9:53	5.0	60.9	0.2	33.9	179				1.2	1.5	0	0	1.53	
SEW 32R	9/12/2014 9:41	11.1	37.3	7.4	44.2	91				-0.3	-0.3	0.339	0.309	-0.98	
	9/12/2014 9:41	10.5	31.5	7.7	50.3	94				-0.7	-0.6	0.715	0.645	-1.41	
	9/26/2014 9:12	33.6	40.3	0.9	25.2	101				-0.2	-0.2	0.171	0.160	-1.35	
SEW-60R	9/12/2014 9:38	10.6	48.2	5.1	36.1	134				-0.4	-0.4	0.387	0.410	-13.70	
	9/12/2014 9:38	12.3	44.3	5.1	38.3	134				-0.3	-0.2	0.307	0.223	-12.84	
	9/25/2014 11:24	11.8	33.1	9.1	46.0	147				-0.2	-0.2	0.231	0.236	-15.41	
	9/25/2014 11:24	12.3	31.6	9.0	47.1	147				-0.2	-0.2	0.234	0.228	-14.62	

September 2014 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	Init Diff Press	Adj Diff Press	System Pressure	Baro
		(%)				°F		scfm		"H ₂ O					"Hg
SEW-61R	9/12/2014 9:35	6.2	53.1	1.7	39.0	188				-1.0	-1.0	1.005	0.992	-16.21	
	9/12/2014 9:36	5.1	53.2	1.7	40.0	188				-1.8	-1.5	1.815	1.608	-14.13	
	9/25/2014 11:34	0.1	19.9	18.1	61.9	99				-16.2	-16.3	16.740	16.878	-17.13	
	9/25/2014 11:34	0	12.4	18.1	69.5	100				-16.7	-15.0	17.218	15.574	-17.55	
SEW-62R	9/12/2014 9:31	17.0	47.0	1.8	34.2	175				-1.0	-1.0	1.083	1.010	-16.15	
	9/12/2014 9:31	17.2	47.4	1.8	33.6	175				-1.0	-1.0	0.998	0.981	-17.19	
	9/25/2014 14:08	19.1	49.3	1.6	30.0	178				-3.1	-2.7	2.608	2.443	-15.17	
	9/25/2014 14:09	19.1	49.2	1.6	30.1	178				-2.3	-2.0	2.005	2.294	-13.76	
SEW-63	9/12/2014 8:21	0.4	60.4	0.1	39.1	193				-10.4	-13.8	10.409	13.798	-9.79	
	9/12/2014 8:26	0.5	54.6	0.2	44.7	194				-4.2	-2.5	4.067	2.576	-14.13	
	9/23/2014 11:29	0.6	67.0	0	32.4	197	197	82	111	-3.2	-3.7	2.584	4.642	-9.61	29.74
	9/23/2014 11:30	0.6	67.1	0	32.3	197	197	104	97	-4.1	-2.9	4.078	3.522	-9.53	29.74
SEW-64	9/12/2014 9:43	11.0	29.2	10.0	49.8	100				-9.8	-9.0	9.812	9.160	-6.73	
	9/12/2014 9:44	10.1	27.7	9.9	52.3	99				-11.8	-11.8	11.878	11.961	-14.13	
	9/25/2014 14:21	28.2	46.4	3.9	21.5	151				-12.0	-12.0	11.763	11.717	-14.98	
	9/25/2014 14:22	29.2	43.7	3.9	23.2	151				-11.1	-11.1	11.166	11.093	-14.68	
SEW-67	9/12/2014 9:27	15.5	48.3	3.4	32.8	116				-1.0	-0.8	0.960	0.855	-15.78	
	9/23/2014 15:06	14.1	56.0	2.6	27.3	128	128	55	52	-1.4	-0.6	0.961	0.857	-0.56	29.67
SEW-72R	9/12/2014 9:23	8.1	37.7	8.3	45.9	112				-5.9	-6.0	5.946	6.075	-8.93	
	9/12/2014 9:24	9.6	35.4	8.3	46.7	112				-3.2	-3.2	3.304	3.269	-10.89	
	9/23/2014 14:52	11.7	52.4	4.3	31.6	115	115	95	93	-2.7	-2.4	2.708	2.622	-8.87	29.65
SEW-74	9/12/2014 9:48	20.1	41.7	3.2	35.0	117				-1.4	-1.3	1.468	1.327	-6.79	
	9/25/2014 14:33	36.5	40.6	3.6	19.3	127				-1.6	-1.5	1.574	1.484	-11.25	
SEW-79R	9/12/2014 9:50	4.2	51.5	1.5	42.8	60				-0.5	-0.5	0.515	0.497	-0.49	
T-56	9/9/2014 10:17	31.9	31.2	1.8	35.1	84		41	41	-0.6	-0.6	0.328	0.328	-24.65	
	9/26/2014 10:40	30.2	29.2	2.1	38.5	80		37	32	-0.5	-0.5	0.265	0.209	-21.28	

ATTACHMENT F-2

MAXIMUM TEMPERATURE SPREADSHEET

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)			
	June	July	Aug	Sept
GEW-01	107	93	--	--
GEW-02	129	129	129	125
GEW-03	115	117	116	105
GEW-04	121	123	121	111
GEW-05	98	101	101	100
GEW-06	93	94	95	94
GEW-07	103	103	105	106
GEW-08	122	122	123	119
GEW-09	121	122	125	126
GEW-10	104	109	108	95
GEW-11	188	191	191	192
GEW-13A	--	--	--	--
GEW-14A	173	170	191	194
GEW-15	194	197	197	198
GEW-16R	200	200	200	200
GEW-18B	--	--	--	--
GEW-18R	196	199	199	199
GEW-19A	--	--	--	--
GEW-20A	173	186	125	119
GEW-21A	200	201	130	117
GEW-22R	166	179	182	--
GEW-23A	166	151	153	159
GEW-24A	119	104	110	114
GEW-25A	165	167	164	163
GEW-26R	180	186	136	179
GEW-27A	165	103	96	--
GEW-28R	96	102	105	91
GEW-29	171	181	185	185
GEW-30R	--	--	--	--
GEW-33R	109	--	--	93
GEW-34	142	152	120	122
GEW-34A	198	190	187	194
GEW-35	190	179	165	187
GEW-36	128	136	130	--
GEW-37	191	--	--	--
GEW-38	192	188	187	186
GEW-39	134	135	137	136
GEW-40	99	99	98	96
GEW-41R	111	111	111	110
GEW-42R	97	98	96	93
GEW-43R	134	130	128	127

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)			
	June	July	Aug	Sept
GEW-44	118	114	113	102
GEW-45R	103	106	107	107
GEW-46R	100	102	102	100
GEW-47R	117	117	119	115
GEW-48	108	110	110	107
GEW-49	112	111	112	114
GEW-50	110	109	111	109
GEW-51	124	125	126	125
GEW-52	115	114	115	104
GEW-53	140	140	138	138
GEW-54	139	140	137	135
GEW-55	132	131	132	131
GEW-56R	158	163	168	165
GEW-57B	--	--	--	190
GEW-57R	198	197	197	196
GEW-58	195	198	196	195
GEW-58A	193	--	--	--
GEW-59R	179	179	180	181
GEW-61B	95	98	95	94
GEW-65A	201	200	198	199
GEW-66	--	--	203	--
GEW-67A	--	--	--	--
GEW-69R	--	--	--	--
GEW-70R	135	191	125	162
GEW-71	204	197	198	200
GEW-71B	154	129	--	--
GEW-72RR	195	195	--	--
GEW-73R	--	--	--	--
GEW-75	107	92	98	98
GEW-76R	139	203	203	98
GEW-77	200	162	95	97
GEW-78R	--	--	--	--
GEW-79R	--	--	--	--
GEW-80	186	192	194	194
GEW-81	208	--	--	--
GEW-82R	170	178	183	186
GEW-83	107	90	94	97
GEW-84	175	180	182	176
GEW-85	175	164	158	107
GEW-86	196	196	196	195

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)			
	June	July	Aug	Sept
GEW-88	--	--	--	--
GEW-89	--	--	--	--
GEW-90	--	--	--	--
GEW-91	--	--	--	--
GEW-100	97	191	--	104
GEW-101	186	117	153	185
GEW-102	101	144	100	156
GEW-103	110	110	104	102
GEW-104	193	197	135	157
GEW-105	--	--	--	105
GEW-106	--	120	119	--
GEW-107	89	145	157	104
GEW-108	--	--	--	--
GEW-109	162	139	132	120
GEW-110	92	82	89	73
GEW-112	96	99	105	99
GEW-113	--	--	--	--
GEW-116	118	119	116	103
GEW-117	111	116	102	102
GEW-118	--	--	--	--
GIW-01	204	197	199	198
GIW-02	189	197	193	193
GIW-03	199	200	195	197
GIW-04	175	104	105	185
GIW-05	164	195	181	154
GIW-06	171	174	167	165
GIW-07	175	178	177	171
GIW-08	172	129	132	116
GIW-09	195	194	195	193
GIW-10	194	192	188	187
GIW-11	178	178	178	182
GIW-12	193	177	178	181
GIW-13	168	171	171	178
LCS-1D	--	--	--	--
LCS-2D	114	113	--	--
LCS-3C	--	192	185	--
LCS-4B	--	--	--	--
LCS-5A	101	102	102	100
LCS-6B	100	100	100	94
PEW60	98	95	95	92

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)			
	June	July	Aug	Sept
T-56	98	82	86	84
SEW 12A	102	107	114	97
SEW 13	--	--	--	--
SEW 17R	185	186	103	179.1
SEW 31R	--	--	--	--
SEW 32R	115	117	117	101.1
SEW 60R	182	148	143	147.4
SEW 61R	200	192	111	188
SEW 62R	125	131	130	177.7
SEW 63	198	198	195	197
SEW 64	141	177	140	151.3
SEW-64A	--	--	--	--
SEW 67	155	153	149	128
SEW 72R	139	139	126	115
SEW 74	127	107	150	127.1
SEW 79R	162	147	101	59.7

-- = Indicates no data available.

ATTACHMENT F-3

LAB ANALYSES SPREADSHEET

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide
		(%)					(ppm)
GEW-2	7/15/2014	51	38	ND	8.9	0.076	ND
	9/11/2014	55	41	ND	4	0.072	ND
GEW-3	7/15/2014	49	37	ND	13	0.086	ND
	9/11/2014	55	43	ND	0	0.043	ND
GEW-4	7/15/2014	55	41	ND	4.1	0.16	ND
	9/11/2014	53	42	ND	4.6	0.1	ND
GEW-5	7/15/2014	54	37	ND	8.4	0.075	ND
	9/11/2014	53	38	ND	9	0.052	ND
GEW-6	7/16/2014	50	42	ND	7.5	ND	ND
	9/11/2014	53	42	ND	4.1	ND	ND
GEW-7	7/16/2014	53	44	ND	ND	ND	ND
	9/11/2014	53	44	ND	ND	ND	ND
GEW-8	6/27/2014	47	41	2.1	7.5	3	ND
	7/16/2014	51	43	ND	ND	3.6	35
	8/14/2014	51	43	ND	ND	3.7	55
	9/11/2014	50	43	ND	ND	3.7	ND
GEW-9	6/27/2014	51	41	ND	5.6	0.84	ND
	7/16/2014	46	37	3.2	13	0.79	ND
	8/14/2014	52	44	ND	ND	0.92	ND
	9/11/2014	53	44	ND	ND	0.77	ND
GEW-10	6/27/2014	58	39	ND	ND	0	ND
	7/16/2014	40	38	4.0	16	2	ND
	8/14/2014	51	39	1.8	7.2	0.5	ND
	2/24/1900	40	ND	3.7	0.3	ND	ND
GEW-11	7/17/2014	1.4	59	ND	4.5	32	2900
	9/11/2014	1.9	65	ND	ND	28	2400
GEW-14A	7/17/2014	0.21	27	11.0	41	20	2,400
	9/11/2014	0.26	57	ND	ND	37	3,600
GEW-15	7/17/2014	0.31	56	ND	ND	38	3,100
	9/11/2014	0.15	56	ND	ND	39	2,700
GEW-16R	7/17/2014	0.31	57	ND	ND	37	3,200
	9/11/2014	0.31	56	ND	3.3	37	2,800
GEW-18R	9/11/2014	0.17	58	ND	ND	36	3,100
GEW-20A	7/16/2014	1.6	73	ND	ND	19	5,300
	9/11/2014	0.71	73	ND	ND	22	4,800
GEW-21A	7/16/2014	0.32	66	ND	ND	28	5,000
	9/11/2014	0.29	67	ND	ND	28	4,400
GEW-22R	7/16/2014	5.7	63	ND	ND	27	3,200
GEW-23A	7/16/2014	3.6	59	ND	ND	33	3,200
	9/11/2014	2.8	61	ND	ND	31	3,400
GEW-24A	7/16/2014	2.3	71	ND	ND	23	6,000
	9/11/2014	0.96	64	1.7	6.2	25	5,900
GEW-25A	7/16/2014	2.3	62	ND	ND	32	4,300
	9/11/2014	1.4	62	ND	ND	31	3,900

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide
		(%)					(ppm)
GEW-26R	7/16/2014	0.49	69	ND	ND	26	5,200
	9/11/2014	0.33	66	2.0	7.1	22	4,700
GEW-27A	7/16/2014	0.14	30	9.1	33	26	2,300
GEW-28R	7/16/2014	1.2	41	6.8	24	25	5,000
	9/11/2014	1	47	4.8	17	28	7,400
GEW-29	7/16/2014	0.33	56	ND	ND	38	3,200
	9/11/2014	0.73	56	ND	ND	38	2,900
GEW-34	7/17/2014	2.7	57	ND	4.8	33	3,000
	9/11/2014	4.8	55	1.8	7.4	29	2,400
GEW-34A	7/17/2014	0.82	61	ND	ND	33	3,500
	9/11/2014	0.54	60	ND	ND	34	3,200
GEW-35	7/17/2014	0.31	58	ND	4.7	34	4,000
	9/11/2014	0.4	55	2.3	8.4	32	3,200
GEW-36	7/17/2014	0.26	45	5.4	20	28	4,400
GEW-38	6/27/2014	0.18	53	ND	5.4	38	2,300
	7/16/2014	0.28	50	1.8	6.4	40	2,900
	8/14/2014	0.2	51	1.8	6.4	39	3,300
	9/11/2014	0.17	54	ND	ND	41	3,000
GEW-39	6/27/2014	38	50	ND	ND	9	260
	7/16/2014	36	52	ND	ND	9	470
	8/14/2014	35	52	ND	ND	9	620
	9/11/2014	35	54	ND	ND	8.4	410
GEW-40	6/27/2014	52	44	ND	ND	ND	ND
	7/15/2014	53	44	ND	ND	ND	ND
	8/14/2014	52	43	ND	3.7	ND	ND
	9/11/2014	52	43	ND	3.9	ND	ND
GEW-41R	7/15/2014	53	40	ND	7	ND	ND
	9/11/2014	54	40	ND	5.2	ND	ND
GEW-42R	7/15/2014	50	39	ND	10	ND	ND
	9/11/2014	51	40	ND	8.8	ND	ND
GEW-43R	7/15/2014	52	41	ND	6.2	0.47	ND
	9/11/2014	53	42	ND	4.3	0.49	ND
GEW-44R	7/15/2014	48	38	ND	13	ND	ND
	9/11/2014	51	39	ND	8.6	ND	ND
GEW-45R	7/15/2014	56	39	ND	3.8	ND	ND
	9/11/2014	56	39	ND	4.2	ND	ND
GEW-46R	7/15/2014	35	29	4.1	32	0.15	ND
	9/11/2014	43	35	1.9	19	0.18	ND
GEW-47R	7/15/2014	49	39	ND	11	0.1	ND
	9/11/2014	48	39	ND	12	0.12	ND
GEW-48	7/16/2014	55	41	ND	3.2	ND	ND
	9/11/2014	55	42	ND	ND	ND	ND
GEW-49	7/16/2014	42	35	ND	22	ND	ND
	9/11/2014	46	39	ND	14	ND	ND

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide
		(%)					(ppm)
GEW-50	7/16/2014	51	47	ND	ND	ND	ND
	9/11/2014	53	45	ND	ND	0.051	0
GEW-51	7/16/2014	47	46	ND	3.8	1.9	70
	9/11/2014	49	44	ND	ND	3.5	0
GEW-52	7/16/2014	53	42	ND	4.6	ND	ND
	9/11/2014	52	45	ND	ND	ND	ND
GEW-53	7/16/2014	45	47	ND	ND	5.2	110
	9/11/2014	47	43	ND	ND	7.9	64
GEW-54	7/16/2014	51	41	ND	3.4	3.8	ND
	9/11/2014	50	42	ND	3.9	3.6	ND
GEW-55	6/27/2014	51	42	ND	3.1	3.6	ND
	7/16/2014	51	43	ND	ND	3.8	44
	8/14/2014	50	42	ND	ND	4.3	73
	9/11/2014	50	42	ND	ND	4.9	41
GEW-56R	6/27/2014	62	34	ND	ND	ND	ND
	7/16/2014	4.6	57	ND	ND	35	2,200
	8/14/2014	11	62	ND	ND	23	1,500
	9/11/2014	16	62	ND	ND	19	1,200
GEW-57R	7/15/2014	0.41	57	ND	3.4	36	3,600
	9/11/2014	0.36	58	ND	ND	36	2,900
GEW-58	7/15/2014	0.43	52	2.7	9.8	34	3,800
	9/11/2014	0.37	58	ND	ND	36	3,100
GEW-59R	7/15/2014	1.6	55	ND	ND	39	1,800
	9/11/2014	1.2	55	ND	ND	39	1,600
GEW-61B	7/16/2014	0.013	1.8	21.0	76	0.74	ND
	9/11/2014	ND	0.55	21.0	78	0.13	ND
GEW-65A	7/15/2014	0.31	59	ND	ND	36	3,900
	9/11/2014	0.28	59	0.0	0	35	3,300
GEW-70R	7/16/2014	0.65	57	ND	ND	36	4,000
	9/11/2014	0.49	46	4.4	16	30	2,900
GEW-71	9/11/2014	0.48	57	0.0	0	37	2,900
GEW-75	7/16/2014	18	55	2.0	18	6.4	1,700
	9/11/2014	15	39	3.9	40	0.73	750
GEW-76R	7/16/2014	0.2	28	11.0	40	19	2,500
GEW-77	7/16/2014	0.013	3	21.0	75	0.92	ND
	9/11/2014	0.062	2.5	21.0	76	0.87	21
GEW-80	7/16/2014	0.3	63	ND	ND	31	5,800
	9/11/2014	0.18	62	ND	ND	31	4,700
GEW-82R	7/16/2014	1.6	57	ND	ND	36	2,800
	9/11/2014	0.79	57	ND	ND	37	2,600
GEW-83	7/16/2014	0.15	4.4	20.0	71	4	ND
	9/11/2014	0.0084	3.5	20.0	73	3.3	40
GEW-84	7/17/2014	2	60	1.9	6.7	28	4,700
	9/11/2014	1.6	64	0.0	0	29	3,700

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide
		(%)					(ppm)
GEW-85	7/17/2014	0.13	30	11.0	42	14	1,800
	9/11/2014	0.1	28	12.0	44	14	1,700
GEW-86	7/15/2014	0.23	62	ND	3.6	32	5,500
	9/11/2014	0.21	63	ND	ND	31	4,700
GEW-101	7/16/2014	1.4	56	5.8	21	14	2,900
	9/11/2014	1.2	48	7.5	28	14	1,700
GEW-102	7/16/2014	0.64	58	ND	4.7	34	3,400
	9/11/2014	1.6	63	ND	4.4	28	3,500
GEW-103	7/17/2014	0.066	3.2	20.0	74	1	ND
	9/11/2014	2.3	21	14.0	54	8	860
GEW-104	7/15/2014	0.46	53	3.2	12	30	3,100
	9/11/2014	0.4	53	2.9	11	31	2,600
GEW-105	9/11/2014	9.3	53	5.5	20	11	1,200
GEW-107	7/17/2014	0.27	56	2.2	11	30	4,300
	9/11/2014	0.29	23	13.0	48	14	1,500
GEW-109	6/27/2014	4.1	55	ND	ND	36	1,500
	7/16/2014	3.2	55	ND	ND	36	2,600
	8/14/2014	2.3	56	ND	ND	37	2,500
	9/11/2014	2.3	53	1.6	5.7	36	1,800
GEW-110	6/27/2014	4.2	25	10.0	43	17	880
	7/16/2014	2.3	23	11.0	47	16	1,500
	8/14/2014	3	27	9.5	38	22	1,700
	9/11/2014	3.7	29	8.6	37	21	1,300
GEW-112	7/17/2014	0.22	27	11.0	41	19	2,700
	9/11/2014	0.28	34	8.9	33	22	1,900
GEW-116	7/15/2014	15	54	4.8	21	4.4	480
	9/11/2014	25	65	ND	ND	4.7	690
GEW-117	7/15/2014	41	42	3.6	13	ND	ND
	9/11/2014	48	43	1.8	6.5	0.21	ND
GIW-1	9/29/2014	1.2	62	1.7	5.9	27	3,000
GIW-2	9/29/2014	1.6	65	1.6	5.9	24	3,200
GIW-3	9/29/2014	0.41	63	ND	ND	30	3,600
GIW-4	9/29/2014	0.39	65	ND	ND	29	4,400
GIW-5	9/29/2014	0.33	61	ND	3.4	32	3,300
GIW-6	9/29/2014	0.63	64	ND	ND	29	2,600
GIW-7	9/29/2014	2	72	ND	ND	21	2,300
GIW-8	9/29/2014	18	60	ND	ND	17	1,500
GIW-9	9/29/2014	0.58	65	ND	4.8	25	3,700
GIW-10	9/29/2014	0.17	73	ND	ND	21	4,700
GIW-11	9/29/2014	1.4	52	2.8	10	32	2,800
GIW-12	9/29/2014	1.8	52	3.6	14	27	2,100
GIW-13	9/29/2014	1.9	60	ND	ND	33	2,100
INLET	6/27/2014	11	45	6.0	25	12	1,100
	7/17/2014	10	42	6.7	27	13	2,100
	8/14/2014	11	45	5.7	24	13	2,100
	9/11/2014	10	44	6.3	26	13	1,300

ND = Analyte not detected in sample.

September 2014 MOR Data -

Bridgeton Landfill

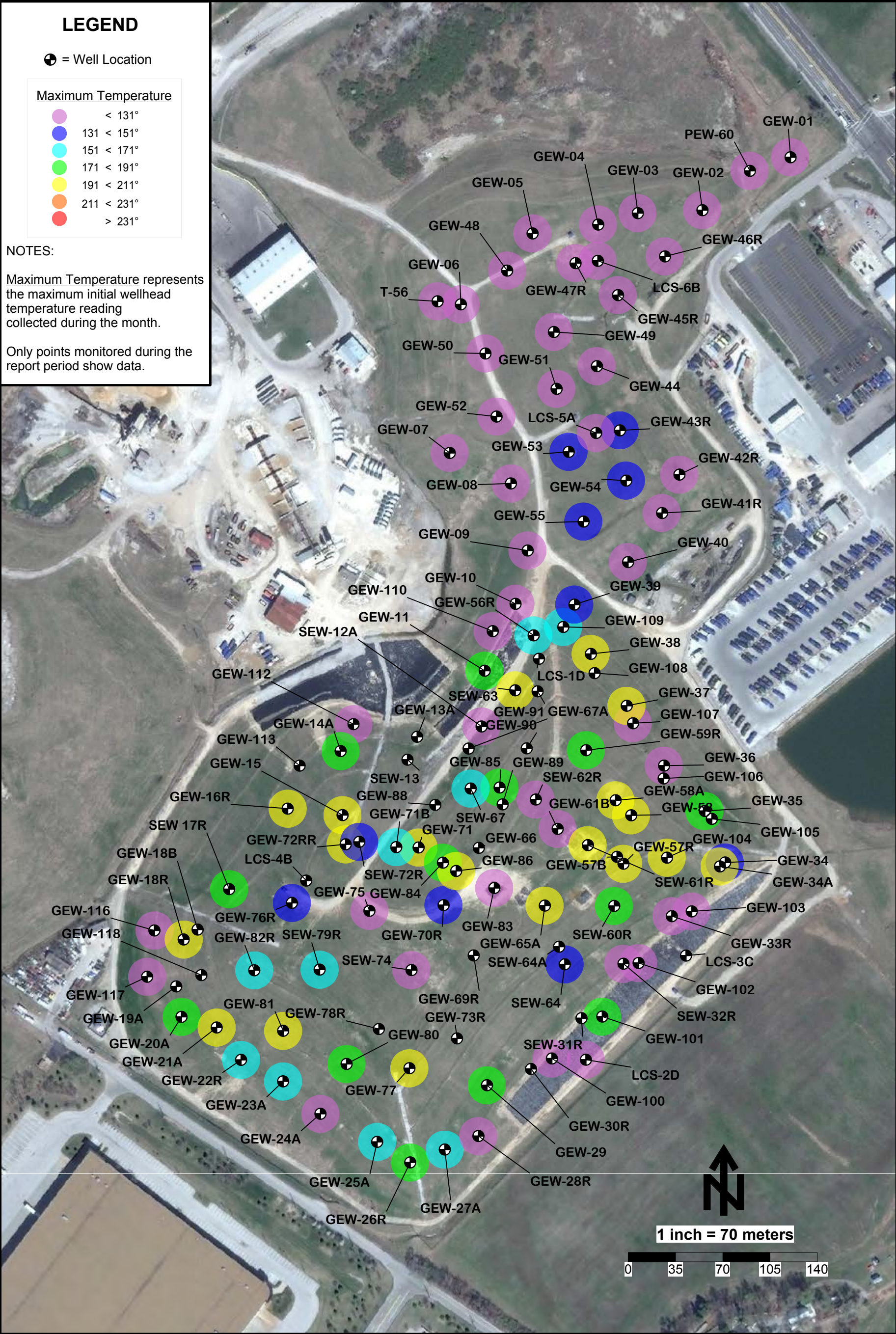
Laboratory Analysis - Bridgeton Landfill

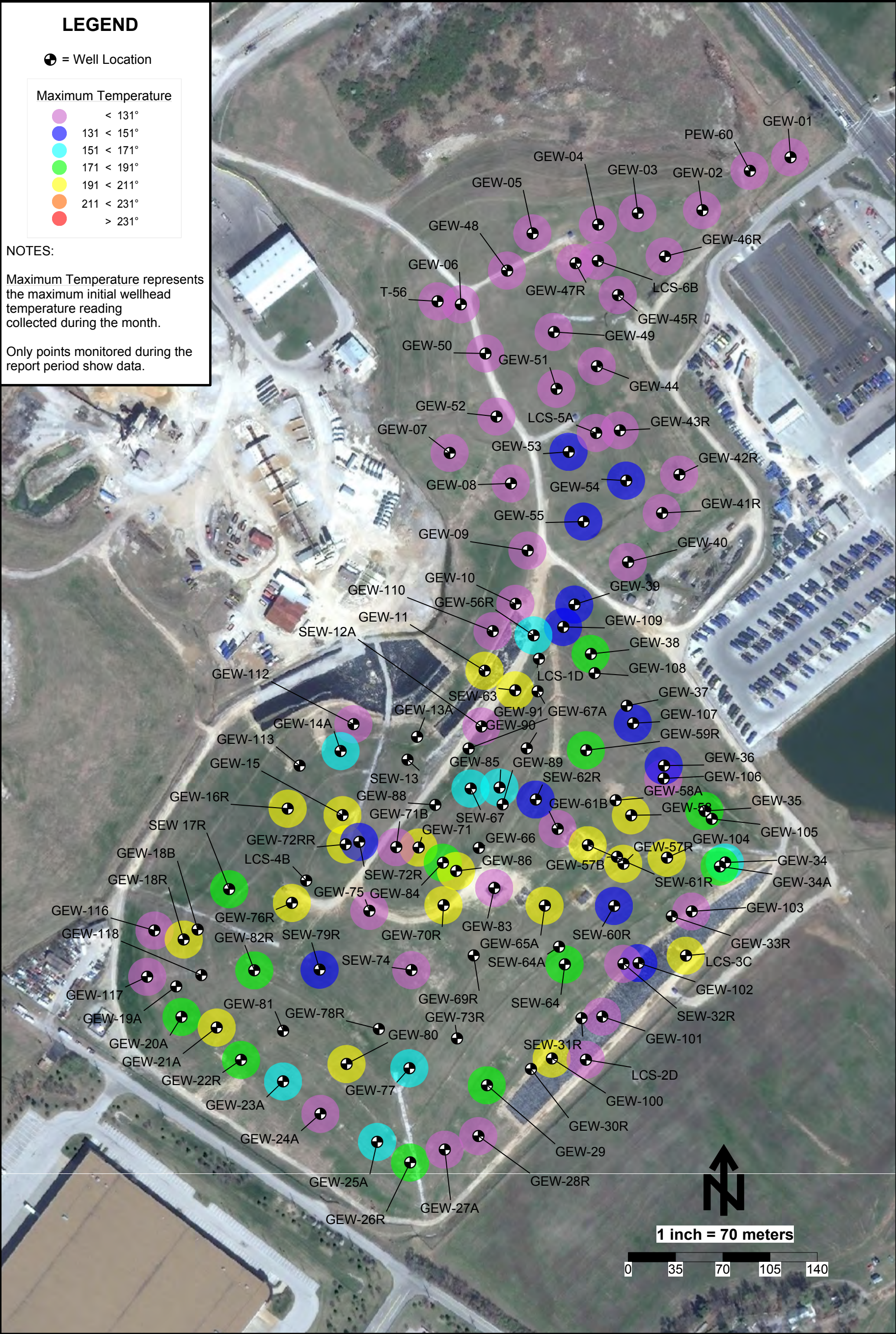
Wells Not Sampled this Monitoring Event September 8-10, 2014

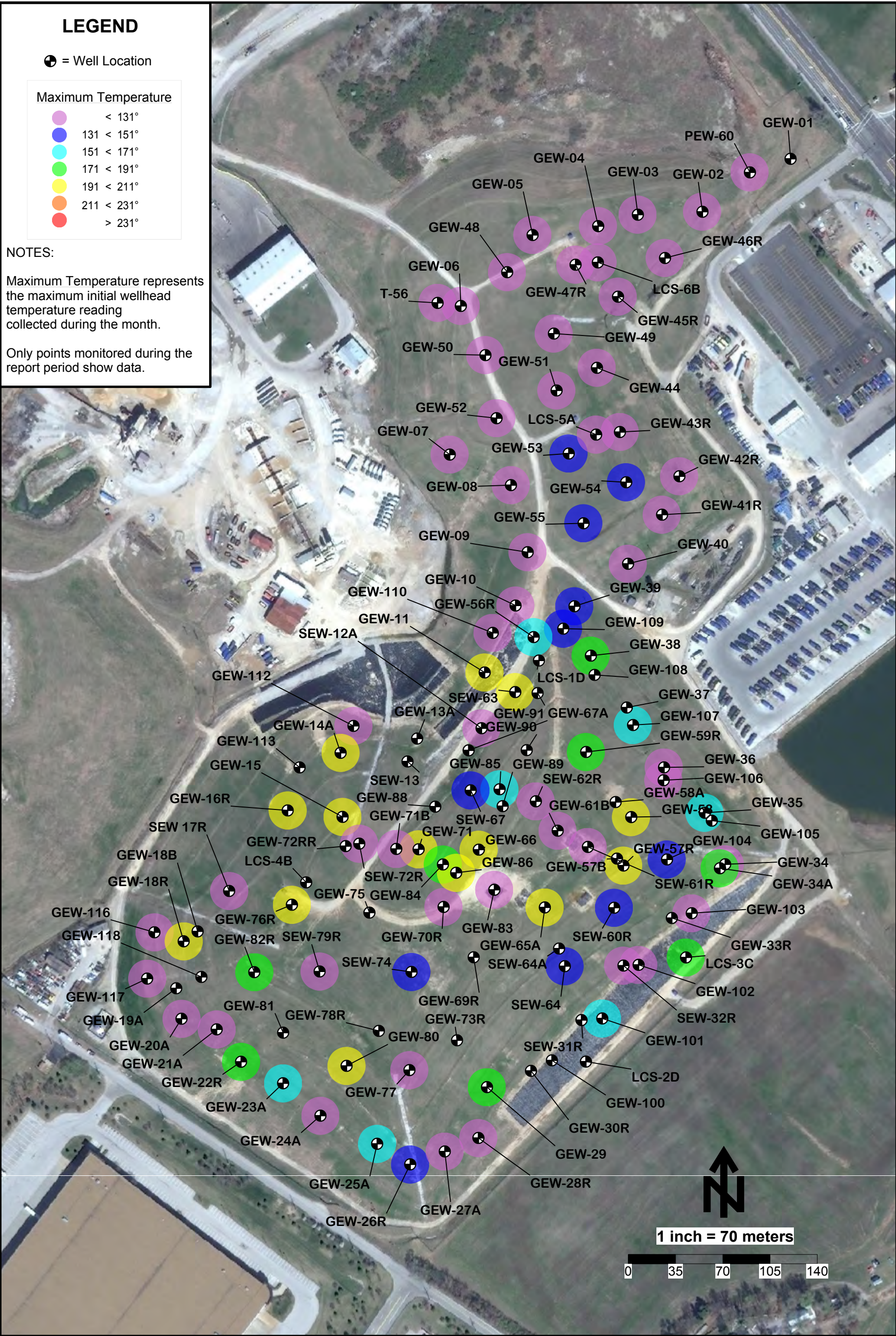
Well ID	Basis for non-sampling event
North Quarry	
All wells sampled	
Neck Area	
All wells sampled	
South Quarry	
GEW-22R	Liquid flow in sample port
GEW-33R	Surface settlement, unsafe conditions
GEW-37	Surface settlement, unsafe conditions
GEW-58A	Surface settlement, excessive well height
GEW-72RR	Surface settlement, excessive well height
GEW-81	Liquid flow in sample port
GEW-36	Well casing compromised, needs repair
GEW-100	Liquid flow in sample port
GEW-76R	Well casing compromised, needs repair
GEW-71B	Surface settlement, excessive well height

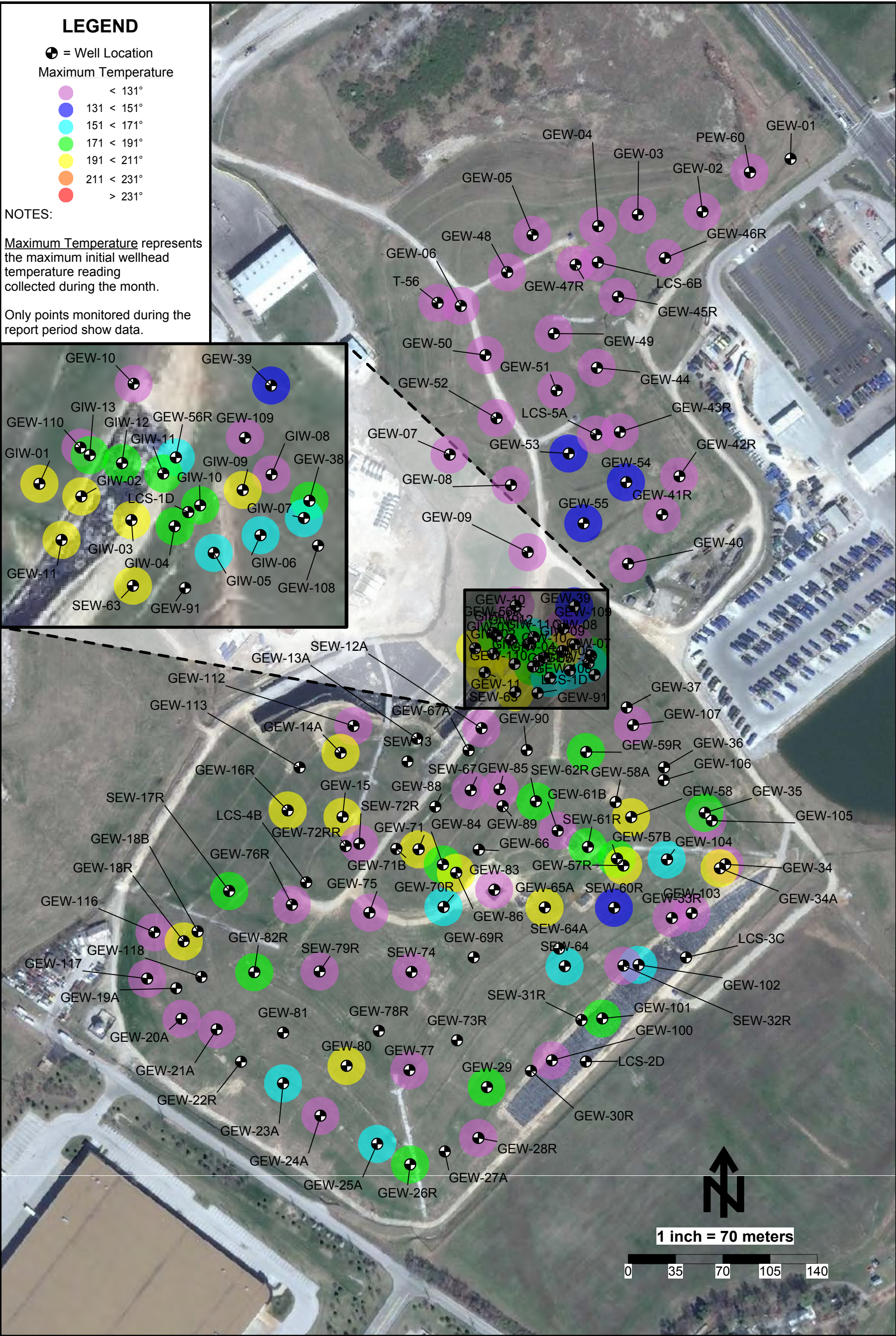
ATTACHMENT G

WELLHEAD TEMPERATURE MAPS









Initial Temperature Maximums - September 2014 - Bridgeton Landfill

SCS ENGINEERS

ATTACHMENT H

SUMMARY OF ODOR COMPLAINTS

MDNR Odor Complaints

September 1 - 25, 2014

Name: Tonya Mason

Message: Odor logged September 1, 2014 at 8:05 pm, strength of 10

Follow-up: The following odor concern was submitted in real-time outside normal site operating hours. Bridgeton Landfill staff was on-site and performed an investigation at approximately 9:00 PM around the site perimeter following receipt of this concern and did not observe any odors. This concern coincided with a very brief interruption in flare operation however and winds were of a northeast origin, placing the concern location directly down-wind from the site. As a result there is potential for this to have been a Bridgeton Landfill odor.

Name: Meagan Beckermann

Message: Odor logged September 1, 2014 at 8:19 pm, strength of 8

Follow-up: The following odor concern is from an observation time well over 24 hours prior to the submittal. Shortly before this concern's given time a previously referenced technical difficulty briefly interrupted flare operation at the Bridgeton Landfill, resulting in the potential for some localized odor. However, the specified location is located west southwest of the landfill and at the time of this concern winds were from the northeast, placing this location directly against wind direction. In addition, an odor observation loop performed by site staff did not detect odors at any point between the landfill and this site. Given the significant distance from the landfill to this location, the conflicting wind direction, and the lack of observation shortly after the specified time given it is highly unlikely that this odor originated from the Bridgeton Landfill.

Name: Dawn Chapman

Message: Odor logged September 1, 2014 at 8:23 pm, strength of 10

Follow-up: The following odor concern has been investigated by Bridgeton Landfill staff. On-site staff performed an observational round at approximately 9:00 PM. As noted previously, a brief interruption in flare operation occurred at approximately 8:00 PM and was quickly restored. The 9:00 PM investigation detected no odors. As this was within the 1 hr. real time observation window and the concern location is in excess of 2 miles from the site with no confirmed odor detections from this area previously. Additional analysis of wind speeds relative to the time of the flare outage shows that the flare system fault occurred at 7:40 PM during a period with wind speeds between 5-10 mph. Even at the slowest wind velocity any segment of odiferous gas associated with this flare outage would have passed the concern location by several miles before the time that this concern states. In conclusion, the Bridgeton Landfill does not believe this to have been a Bridgeton Landfill odor.

Name: Debi Disser

Message: Odor logged September 2, 2014 at 8:45 pm, strength of 5

Follow-up: The following odor concern was submitted approximately 4 hours after the stated time of detection and therefore could not be investigated in real-time by Bridgeton Landfill staff. At the time of this concern the Bridgeton Landfill was experiencing no disruptions in odor control systems. Winds throughout the evening had been of a consistent western origin, northwest in the early evening to southwest in the late evening, all at comparatively low velocity. As the specified concern location is between the Bridgeton Landfill and another known odor source with the Bridgeton Landfill located down wind and the other source located upwind from the odor concern location it is unlikely this odor originated from the Bridgeton Landfill.

Name: Meagan Beckermann

Message: Odor logged September 6, 2014, 10:12 pm, strength of 6

Follow-up: The following odor concern was filed in concert with two other odor concerns. In this case all three were determined to be not related to Bridgeton Landfill. During the day of September 6th no technical disruptions were experienced by the Bridgeton Landfill and all odor controls were in full operation. Two odor self-investigations were performed and no odors were observed. When leaving the site at 5:00 PM a member of the Bridgeton Landfill staff performed an additional drive through of the site perimeter with no odors observed. On-site overnight staff reported zero odor concerns the entire evening of the 6th/morning of the 7th. A self-investigation performed the morning of September 7th again found no odor throughout the Bridgeton area that was associated with the Bridgeton Landfill.

Additionally, in the hour before, the hour during, and the hour after these concerns winds were documented as calm at local weather stations. Two of these concerns are approximately 2 miles away from the Bridgeton Landfill in opposite directions. It is physically impossible for odors originating from the Bridgeton Landfill to migrate in two complete opposite directions simultaneously. In the absence of wind it is highly unlikely that odor originating from Bridgeton Landfill could reach even one of those locations.

Based upon this evaluation, it is the conclusion of Bridgeton Landfill staff that none of these concerns were related to the Bridgeton Landfill.

Name: Kathy Bell

Message: Odor logged September 6, 2014, 10:12 pm, strength of 6

Follow-up: The following odor concern was filed in concert with two other odor concerns. In this case all three were determined to be not related to Bridgeton Landfill. During the day of September 6th no technical disruptions were experienced by the Bridgeton Landfill and all odor controls were in full operation. Two odor self-investigations were performed and no odors were observed. When leaving the site at 5:00 PM a member of the Bridgeton Landfill staff performed an additional drive through of the site perimeter with no odors observed. On-site overnight staff reported zero odor concerns the

entire evening of the 6th/morning of the 7th. A self-investigation performed the morning of September 7th again found no odor throughout the Bridgeton area that was associated with the Bridgeton Landfill.

Additionally, in the hour before, the hour during, and the hour after these concerns winds were documented as calm at local weather stations. Two of these concerns are approximately 2 miles away from the Bridgeton Landfill in opposite directions. It is physically impossible for odors originating from the Bridgeton Landfill to migrate in two complete opposite directions simultaneously. In the absence of wind it is highly unlikely that odor originating from Bridgeton Landfill could reach even one of those locations.

Based upon this evaluation, it is the conclusion of Bridgeton Landfill staff that none of these concerns were related to the Bridgeton Landfill.

Name: Dawn Chapman

Message: Odor logged September 6, 2014, 10:19 pm, strength of 3

Follow-up: The following odor concern was filed in concert with two other odor concerns. In this case all three were determined to be not related to Bridgeton Landfill. During the day of September 6th no technical disruptions were experienced by the Bridgeton Landfill and all odor controls were in full operation. Two odor self-investigations were performed and no odors were observed. When leaving the site at 5:00 PM a member of the Bridgeton Landfill staff performed an additional drive through of the site perimeter with no odors observed. On-site overnight staff reported zero odor concerns the entire evening of the 6th/morning of the 7th. A self-investigation performed the morning of September 7th again found no odor throughout the Bridgeton area that was associated with the Bridgeton Landfill.

Additionally, in the hour before, the hour during, and the hour after these concerns winds were documented as calm at local weather stations. Two of these concerns are approximately 2 miles away from the Bridgeton Landfill in opposite directions. It is physically impossible for odors originating from the Bridgeton Landfill to migrate in two complete opposite directions simultaneously. In the absence of wind it is highly unlikely that odor originating from Bridgeton Landfill could reach even one of those locations.

Based upon this evaluation, it is the conclusion of Bridgeton Landfill staff that none of these concerns were related to the Bridgeton Landfill.

Name: Greg and Ellen Wortham

Message: Odor logged September 7, 2014 at 8:45 am, strength of 7

Follow-up: The following odor concern has been investigated by Bridgeton Landfill staff and determined to not be a Bridgeton Landfill odor. The concern was investigated by the landfill staff within one hour of receipt and no odor was detected. Prior to the investigation the technician who performed the site visit also checked the site itself and found no odors of significance or technical disruptions. As part of the inspection the technician performed a full odor self-investigation and did not observe Bridgeton Landfill related odor at any of the 12 points in the self-inspection (location B was not

monitored because the ongoing construction at the former Cadillac Jack's property has temporarily eliminated the use of road curbing for safe observations). Because the technician performing the inspection and investigation was also the person responsible for site management and winds were of a consistent direction throughout both the stated observation time and the inspection any odor source from the landfill would not have been resolved between the concern time and the investigation.

Therefore, it is the conclusion of Bridgeton Landfill staff that the odor observed in this concern was not associated with the Bridgeton Landfill.

Name: Kathy Bell

Message: Odor logged September 9, 2014 at 6:46 am, strength of 5

Follow-up: The following non-real-time concern has been investigated by Bridgeton Landfill staff. The location given for this odor concern was to the east of the landfill. At this time period winds were consistently of a southern origin, placing the location outside of the downwind path of the landfill. No technical disruptions were occurring at the landfill at this time and active work had not begun on-site. While this was not a real-time concern and therefore could not be addressed with a timely site investigation Bridgeton Landfill staff drove the entire eastern boundary of the site within the hour of this concern and observed no odors related to Bridgeton Landfill. Because the area immediately to the east of the Bridgeton Landfill where this concern is located has been heavily industrialized with multiple commercial establishments it is highly likely that the odor originated from one of these sources. There is no evidence to suggest that this was a Bridgeton Landfill odor.

Name: Robbin Dailey

Message: Odor logged September 11, 2014, 11:45 am, strength of 8

Follow-up: The following real-time odor concern and the concern filed in concert with it from the same residence have been investigated by Bridgeton Landfill staff. Original email receipt was at 11:49 AM, the concern times given were 11:45 AM and 11:51 AM. Bridgeton Landfill staff was on location at 11:56 AM and observed no odor. Winds were of a north northwest origin at the time of concern, therefore the investigating party moved to a location upwind from the concern location and still no odor was detected. A second observation was then conducted at the original concern location at 12:11 PM, and again no odor was detected. Bridgeton Landfill has concluded that there was no odor out of the ordinary present throughout this neighborhood and therefore obviously no odors associated with the Bridgeton Landfill present at this location.

Name: Meagan Beckermann

Message: Odor logged September 11, 2014, 11:37 am, strength of 7

Follow-up: The following concern was filed almost one full day after the observed date and time; however, an odor self-investigation was performed by Bridgeton Landfill staff at approximately 12:00 PM on 9/11/14, less than half an hour from the concern time. No odor was observed originating from

the Bridgeton Landfill around the entire site perimeter, including multiple points directly between the Landfill and this concern location. This was not a Bridgeton Landfill odor.

Name: Michael Dailey

Message: Odor logged September 11, 2014, 11:51am, strength of 8

Follow-up: The following real-time odor concern and the concern filed in concert with it from the same residence have been investigated by Bridgeton Landfill staff. Original email receipt was at 11:49 AM, the concern times given were 11:45 AM and 11:51 AM. Bridgeton Landfill staff were on location at 11:56 AM and observed no odor. Winds were of a north northwest origin at the time of concern, therefore the investigating party moved to a location upwind from the concern location and still no odor was detected. A second observation was then conducted at the original concern location at 12:11 PM, and again no odor was detected. Bridgeton Landfill has concluded that there were no odors out of the ordinary present throughout this neighborhood and therefore obviously no odors associated with the Bridgeton Landfill present at this location.

Name: Karen Nickel

Message: Odor logged September 12, 2014, 6:58 am, strength of 2

Follow-up: The following concern was filed almost exactly two days after the stated observation time. At the time stated no technical issues had occurred or were occurring at the Bridgeton Landfill. An end of day self-inspection was concluded approximately 5 hours earlier by Bridgeton Landfill staff and found no odors of concern originating from the Bridgeton Landfill. Given the low magnitude assigned to this odor and lack of evidence suggesting a Bridgeton Landfill source it is extremely likely this originated from a non-Bridgeton Landfill source. This is not considered to have been a Bridgeton Landfill odor.

Name: Meagan Beckermann

Message: Odor logged September 12, 2014, 8:29 pm, strength of 6

Follow-up: The following concern was filed approximately 16 hours after the stated observation time. At the time stated no technical issues had occurred or were occurring at the Bridgeton Landfill. An end of day self-inspection was concluded approximately 5 hours earlier by Bridgeton Landfill staff and found no odors of concern originating from the Bridgeton Landfill. Given the remarkably inaccurate yet frequent attribution of odors by Ms. Beckermann to the Bridgeton Landfill and the complete lack of on-site difficulties this is not considered to have been an odor associated with the Bridgeton Landfill.

Name: Meagan Beckermann

Message: Odor logged September 13, 2014, 5:24 am, strength of 6

Follow-up: During the morning of 9/13/14 multiple odor concerns were filed by members of the West Lake Community Action Group. These concerns stated times from approximately 3:30 AM to 6:30 AM. Bridgeton landfill staff performed a self-investigation the morning of these concerns starting at approximately 8:45 AM and running until approximately 9:30 AM. A Bridgeton Landfill staff member arrived at the site at 7:00 AM that morning via the I-270 off-ramp located directly between the concern locations given. No odor was observed. A Bridgeton Landfill contractor supervisor arrived on-site at 6:30 AM that morning also via the I-270 off-ramp, specifically noting the cool turn in local climate as the reason why his windows were down fully exposed to ambient air conditions, he also did not notice any odor. The on-site flares were in optimal working condition throughout the entire weekend, the regenerative thermal oxidizer servicing the pre-treatment system was in optimal working condition throughout the weekend. No foam overfills, overfills, or other disruptions/potentially odorous events occurred throughout the weekend.

Over the last several weeks Bridgeton Landfill staff has observed more frequent and more powerful odors from several of the numerous industrial and commercial processes throughout the Bridgeton area than from the Bridgeton Landfill itself. This corresponds with MDNR air monitoring logs which indicate only one >7 detection attributed to the Bridgeton Landfill to date in September, and only a handful of detections the previous month.

It is the conclusion of Bridgeton Landfill staff that this is another example of misattribution of various localized odors present in any suburban to urban community to the Bridgeton Landfill. There is no evidence to suggest that this was a Bridgeton Landfill odor and significant evidence to the contrary.

Name: Kathy Bell

Message: Odor logged September 13, 2014, 6:08 am, strength of 7

Follow-up: During the morning of 9/13/14 multiple odor concerns were filed by members of the West Lake Community Action Group. These concerns stated times from approximately 3:30 AM to 6:30 AM. Bridgeton landfill staff performed a self-investigation the morning of these concerns starting at approximately 8:45 AM and running until approximately 9:30 AM. A Bridgeton Landfill staff member arrived at the site at 7:00 AM that morning via the I-270 off-ramp located directly between the concern locations given. No odor was observed. A Bridgeton Landfill contractor supervisor arrived on-site at 6:30 AM that morning also via the I-270 off-ramp, specifically noting that due to the cool turn in local climate as the reason why his windows were down fully exposed to ambient air conditions, he also did not notice any odor. The on-site flares were in optimal working condition throughout the entire weekend, the regenerative thermal oxidizer servicing the pre-treatment system was in optimal working condition throughout the weekend. No foam overfills, overfills, or other disruptions/potentially odorous events occurred throughout the weekend.

Over the last several weeks Bridgeton Landfill staff have observed more frequent and more powerful odors from several of the numerous industrial and commercial processes throughout the Bridgeton area than from the Bridgeton Landfill itself. This corresponds with MDNR air monitoring logs which indicate

only one >7 detection attributed to the Bridgeton Landfill to date in September, and only a handful of detections the previous month.

It is the conclusion of Bridgeton Landfill staff that this is another example of misattribution of various localized odors present in any suburban to urban community to the Bridgeton Landfill. There is no evidence to suggest that this was a Bridgeton Landfill odor and significant evidence to the contrary.

Name: Kathy Bell

Message: Odor logged September 13, 2014, 6:33 am, strength of 9

Follow-up: During the morning of 9/13/14 multiple odor concerns were filed by members of the West Lake Community Action Group. These concerns stated times from approximately 3:30 AM to 6:30 AM. Bridgeton landfill staff performed a self-investigation the morning of these concerns starting at approximately 8:45 AM and running until approximately 9:30 AM. A Bridgeton Landfill staff member arrived at the site at 7:00 AM that morning via the I-270 off-ramp located directly between the concern locations given. No odor was observed. A Bridgeton Landfill contractor supervisor arrived on-site at 6:30 AM that morning also via the I-270 off-ramp, specifically noting that due to the cool turn in local climate as the reason why his windows were down fully exposed to ambient air conditions, he also did not notice any odor. The on-site flares were in optimal working condition throughout the entire weekend, the regenerative thermal oxidizer servicing the pre-treatment system was in optimal working condition throughout the weekend. No foam overs, spills, overfills, or other disruptions/potentially odorous events occurred throughout the weekend.

Over the last several weeks Bridgeton Landfill staff have observed more frequent and more powerful odors from several of the numerous industrial and commercial processes throughout the Bridgeton area than from the Bridgeton Landfill itself. This corresponds with MDNR air monitoring logs which indicate only one >7 detection attributed to the Bridgeton Landfill to date in September, and only a handful of detections the previous month.

It is the conclusion of Bridgeton Landfill staff that this is another example of misattribution of various localized odors present in any suburban to urban community to the Bridgeton Landfill. There is no evidence to suggest that this was a Bridgeton Landfill odor and significant evidence to the contrary.

Name: Kathy Bell

Message: Odor logged September 13, 2014, 3:09 am, strength of 5

Follow-up: During the morning of 9/13/14 multiple odor concerns were filed by members of the West Lake Community Action Group. These concerns stated times from approximately 3:30 AM to 6:30 AM. Bridgeton landfill staff performed a self-investigation the morning of these concerns starting at approximately 8:45 AM and running until approximately 9:30 AM. A Bridgeton Landfill staff member arrived at the site at 7:00 AM that morning via the I-270 off-ramp located directly between the concern locations given. No odor was observed. A Bridgeton Landfill contractor supervisor arrived on-site at 6:30 AM that morning also via the I-270 off-ramp, specifically noting that due to the cool turn in local climate as the reason why his windows were down fully exposed to ambient air conditions, he also did

not notice any odor. The on-site flares were in optimal working condition throughout the entire weekend, the regenerative thermal oxidizer servicing the pre-treatment system was in optimal working condition throughout the weekend. No foam overs, spills, overfills, or other disruptions/potentially odorous events occurred throughout the weekend.

Over the last several weeks Bridgeton Landfill staff have observed more frequent and more powerful odors from several of the numerous industrial and commercial processes throughout the Bridgeton area than from the Bridgeton Landfill itself. This corresponds with MDNR air monitoring logs which indicate only one >7 detection attributed to the Bridgeton Landfill to date in September, and only a handful of detections the previous month.

It is the conclusion of Bridgeton Landfill staff that this is another example of misattribution of various localized odors present in any suburban to urban community to the Bridgeton Landfill. There is no evidence to suggest that this was a Bridgeton Landfill odor and significant evidence to the contrary.

Name: Kathy Bell

Message: Odor logged September 15, 2014, 12:03 pm, strength of 4

Follow-up: The following non-real-time odor concern has been investigated by Bridgeton Landfill staff. Throughout the day a consistent western originating wind has been carrying flare exhaust in the direction of this concern location. As such Bridgeton Landfill staff have performed multiple investigations in this area to ensure that no significant odor is leaving the site. While very faint, inconsistent detections have been observed all have been tested using a Nasal Ranger and found to be non-detect at the 2 dilution factor aperture (lowest dilution factor).

Name: Rebecca Tobar

Message: Odor logged September 16, 2014, 6:41 am, strength of 0

Follow-up: The following odor concern was submitted approximately 2 hours after the stated observation time. While this is outside the defined “real-time” window Bridgeton Landfill staff still performed an on-site investigation following the concern submittal as no odors had been observed from Bridgeton Landfill throughout the morning. The concern originated from the Spanish Village neighborhood immediately to the southwest of the Bridgeton Landfill. Once on-site landfill staff did not detect odor at the closest point in the Spanish Village community to the landfill. At the routine self-inspection monitoring point, Spanish Village Park, a faint burnt wood or similar earthy odor was detected unassociated with the Bridgeton Landfill. On the street of the concern location at roughly the mid-point of the neighborhood a distinct chemical/solvent odor was detected. This was a very localized odor and was not detected from any other point around the observation, including at a point between the observation point and the Bridgeton Landfill (Spanish Village Park is such a location). At the westernmost point of the Spanish Village neighborhood no odor was observed. It is the conclusion of the Bridgeton Landfill that the odor detected for this concern was the local but distinct chemical/solvent odor. This is likely originating from a residence in the area. Current atmospheric conditions would prohibit easy dissipation of such odors as temperatures have been down trending the last several days

including today, skies are overcast/hazy, and wind speeds are generally low to moderate, and especially restricted inside a neighborhood such as Spanish Village with significant wooded borders.

Name: Meagan Beckermann

Message: Odor logged September 20, 2014 at 2:07 pm, strength of 3

Follow-up: The following odor concern has been investigated by Bridgeton Landfill staff. Weekend staff performed an odor observation round at multiple points between this location and the Bridgeton Landfill at approximately 10:30-11:30 AM and observed no odors from the Landfill leaving the site. No technical difficulties that could result in off-site odors was observed the entire rest of the afternoon from any of the on-site staff throughout the afternoon of this concern. Additionally, winds had been consistently of a southwest origin throughout the day to this point, placing the concern location upwind of the Bridgeton Landfill. The potential for this to have been a Bridgeton Landfill odor, as has become the standard for concerns filed by this individual, ranges somewhere between extremely remote to completely non-existent.

Name: Kathy Bell

Message: Odor logged September 21, 2014 at 6:30 pm, strength of 6

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern no technical disruptions were present on the Bridgeton Landfill site. Site infrastructure investigations were performed at 6:30 PM, 8:30 PM, and 10:00 PM with no observed odor or issues. This is unlikely to have originated from the Bridgeton Landfill.

Because this location is along the leachate hauling route from Bridgeton Landfill and is a retail establishment frequented by multiple industrial use vehicles including trash hauling trucks for both Republic Services and Meridian Waste Services it is highly likely that the odor originated from some other odor source.

Name: Dawn Chapman

Message: Odor logged September 21, 2014 at 7:30 pm, strength of 5

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern no technical disruptions were present on the Bridgeton Landfill site. A site infrastructure investigation was performed at 6:30 PM, 8:30 PM, and 10:00 PM with no observed odor or issues. This is unlikely to have originated from the Bridgeton Landfill.

Name: Karen Nickel

Message: Odor logged September 21, 2014, 8:04 pm, strength of 5

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern no technical disruptions were present on the Bridgeton Landfill site. A site infrastructure investigation was performed at 6:30 PM, 8:30 PM, and 10:00 PM with no observed odor or issues. Additionally, this concern location is well outside the range in which Bridgeton Landfill odors have historically been observed, including before multiple significant odor controls were implemented. The potential for this to have originated from the Bridgeton Landfill is extremely remote.

Name: Traci Vette

Message: Odor logged September 21, 2014 at 8:35 pm, strength of 5

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern no technical disruptions were present on the Bridgeton Landfill site. A site infrastructure investigation was performed at 6:30 PM, 8:30 PM, and 10:00 PM with no observed odor or issues. Additionally, this concern location is well outside the range in which Bridgeton Landfill odors have historically been observed, including before multiple significant odor controls were implemented. The potential for this to have originated from the Bridgeton Landfill is extremely remote.

Name: Meagan Beckermann

Message: Odor logged September 21, 2014 at 9:33 pm, strength of 6

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern no technical disruptions were present on the Bridgeton Landfill site. A site infrastructure investigation was performed at 6:30 PM, 8:30 PM, and 10:00 PM with no observed odor or issues. This is unlikely to have originated from the Bridgeton Landfill.

Name: Joann Hyde

Message: Odor logged September 21, 2014 at 10:00 pm, strength of 10

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern no technical disruptions were present on the Bridgeton Landfill site. A site infrastructure investigation was performed at 6:30 PM, 8:30 PM, and 10:00 PM with no observed odor or issues. This is unlikely to have originated from the Bridgeton Landfill.

It should also be noted that the submission of an odor concern approximately 12 hours after the observed time is of very little value to all parties interested in reducing and controlling odors.

Name: Joann Hyde

Message: Odor logged September 22, 2014 at 5:30 am, strength of 10

Follow-up: The following odor concern has been investigated by Bridgeton Landfill staff. At the time of this concern a rubber furnco fitting had failed and a quantity of condensate liquid spilled onto the liner. This occurred at some point in the early morning and was cleaned up promptly upon identification. This condensate liquid was identified at a time coinciding with the first odor self-inspection and was not observed to be causing any off-site odor. However, as real-time observation was not conducted at the time of the failure it cannot be ruled out as the source of this odor.

Name: Rebecca Tobar

Message: Odor logged September 22, 2014, 5:30 am, strength of 8

Follow-up: The following odor concern has been investigated by Bridgeton Landfill staff. At the time of this concern a rubber furnco fitting had failed and a quantity of condensate liquid spilled onto the liner. This occurred at some point in the early morning and was cleaned up promptly upon identification. This condensate liquid was identified at a time coinciding with the first odor self-inspection and was not observed to be causing any off-site odor. However, as real-time observation was not conducted at the time of the failure it cannot be ruled out as the source of this odor.

Name: Kathy Bell

Message: Odor logged September 22, 2014 at 5:32 am, strength of 10

Follow-up: The following odor concern has been investigated by Bridgeton Landfill staff. At the time of this concern a rubber furnco fitting had failed and a quantity of condensate liquid spilled onto the liner. This occurred at some point in the early morning and was cleaned up promptly upon identification. This condensate liquid was identified at a time coinciding with the first odor self-inspection and was not observed to be causing any off-site odor. However, as real-time observation was not conducted at the time of the failure it cannot be ruled out as the source of this odor.

Name: Kathy Bell

Message: Odor logged September 22, 2014 at 6:20 am, strength of 8

Follow-up: The following odor concern has been investigated by Bridgeton Landfill staff. At the time of this concern a rubber furnco fitting had failed and a quantity of condensate liquid spilled onto the liner. This occurred at some point in the early morning and was cleaned up promptly upon identification. This condensate liquid was identified at a time coinciding with the first odor self-inspection and was not observed to be causing any off-site odor. However, as real-time observation was not conducted at the time of the failure it cannot be ruled out as the source of this odor.

Name: Rebecca Tobar

Message: Odor logged September 22, 2014 at 6:30 am, strength of 7

Follow-up: The following odor concern has been investigated by Bridgeton Landfill staff. At the time of this concern a rubber furnco fitting had failed and a quantity of condensate liquid spilled onto the liner. This occurred at some point in the early morning and was cleaned up promptly upon identification. This condensate liquid was identified at a time coinciding with the first odor self-inspection and was not observed to be causing any off-site odor. However, as real-time observation was not conducted at the time of the failure it cannot be ruled out as the source of this odor.

Name: Rebecca Tobar

Message: Odor logged September 22, 2014 at 7:30 am, strength of 4

Follow-up: The following odor concern has been investigated by Bridgeton Landfill staff. An odor self-inspection was performed approximately half an hour from the time of this concern and no Bridgeton Landfill odor was observed. This is not believed to have been a Bridgeton Landfill odor.

Name: Rebecca Tobar

Message: Odor logged September 22, 2014, 8:05 am, strength of 9

Follow-up: The following odor concern has been investigated by Bridgeton Landfill staff. At the time of this concern a seal on a gas extraction well had failed and was emitting gas. This was noticed quickly by on-site staff and repaired within half an hour. Following that repair an odor patrol has performed throughout the surrounding neighborhoods with no odor detected. This occurred at a period of calm winds. The conclusion is that there was potential for this to have originated from the Bridgeton Landfill, however, as the follow up odor patrol did not detect any residual odor shortly after the filing of this concern it could not be confirmed.

Name: Kathy Bell

Message: Odor logged September 22, 2014, 8:16 m, strength of 6

Follow-up: The following odor concern has been investigated by Bridgeton Landfill staff. At the time of this concern a seal on a gas extraction well had failed and was emitting gas. This was noticed quickly by on-site staff and repaired within half an hour. Following that repair an odor patrol has performed throughout the surrounding neighborhoods with no odor detected. This occurred at a period of calm winds. The conclusion is that there was potential for this to have originated from the Bridgeton Landfill, however, as the follow up odor patrol did not detect any residual odor shortly after the filing of this concern it could not be confirmed.

Name: Michael Dailey

Message: Odor logged September 22, 2014 at 12:30 am, strength of 5

Follow-up: The following odor concern has been investigated by Bridgeton Landfill staff. At the time of this concern a rubber furnco fitting had failed and a quantity of condensate liquid spilled onto the liner. This occurred at some point in the early morning and was cleaned up promptly upon identification. This condensate liquid was identified at a time coinciding with the first odor self-inspection and was not observed to be causing any off-site odor. However, as real-time observation was not conducted at the time of the failure it cannot be ruled out as the source of this odor.

Name: Robbin Dailey

Message: Odor logged September 22, 2014 at 12:30 am, strength of 5

Follow-up: The following odor concern has been investigated by Bridgeton Landfill staff. At the time of this concern a rubber furnco fitting had failed and a quantity of condensate liquid spilled onto the liner. This occurred at some point in the early morning and was cleaned up promptly upon identification. This condensate liquid was identified at a time coinciding with the first odor self-inspection and was not observed to be causing any off-site odor. However, as real-time observation was not conducted at the time of the failure it cannot be ruled out as the source of this odor.

Name: Rebecca Tobar

Message: Odor logged September 22, 2014 at 7:20 pm, strength of 2

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern no technical disruptions were present on the Bridgeton Landfill site. A site infrastructure investigation was performed at 6:30 PM, 8:30 PM, and 10:00 PM with no observed odor or issues. This is unlikely to have originated from the Bridgeton Landfill.

It should also be noted that the submission of an odor concern nearly 24 hours after the observed time as part of a cluster of concerns from the last 24 hour window is of very little value to all parties interested in reducing and controlling odors.

Name: Kathy Bell

Message: Odor logged September 24, 2014 at 7:00 am, strength of 8

Follow-up: The following odor concern has been investigated by Bridgeton Landfill staff immediately upon receipt. Winds have been mildly of an east by southeast direction. No odor was observed at the given location. Questioning of local construction workers at the given address confirmed no odors at and before the time of this claim. At this time the location given was down wind of another known odor source and adjacent to an active commercial fueling station, but neither the chemical/solvent odor typical of the known upwind odor source or a clear petrol odor was observed

during a lengthy on-site investigation. The nearby body of water was also free of any biota such as an algal bloom that could have caused odor. This was not a Bridgeton Landfill odor and as of now there is little to suggest the presence of any odor outside of the ordinary for this location. It should be noted that the concern cites not only the presence of odor but a strong (8 out of 10) odor.

Name: Kathy Bell

Message: Odor logged September 25, 2014 at 10:47 am, strength of 5

Follow-up: The following odor concern was investigated immediately upon receipt by Bridgeton Landfill staff. No odors were observed at this location. Landfill staff remained for an extended period of time to ensure that winds of legitimate west to east velocity were experienced during the investigation and still no odor typical of the Bridgeton Landfill infrastructure was detected. This is a busy street used by leachate hauling trucks from Bridgeton Landfill, two active garbage hauling companies, and a host of additional industrial traffic. While there has in the past been some potential for odor originating from the Bridgeton Landfill flare yard in this direction during periods of significant west originating wind that has not been observed today, either in the Bridgeton Landfill self-inspection or in the Follow-up to this odor concern. Additionally, multiple Bridgeton Landfill personnel were in this area around the time of this concern (several technicians in close proximity checking valves on a retention basin, and an audit of our self-inspection by upper management) and no odor related to Bridgeton Landfill was observed.

In order to ensure a complete Follow-up on this concern Bridgeton Landfill staff also ensured proper operation of the flare yard at the time of this concern, with no deviations, temperature drops, or other anomalies that could have resulted in a brief instance of odor. All flare data shows consistent and optimal flare operation.

Because winds throughout the area are turbulent with frequent western winds crossing the site Bridgeton Landfill staff will continue to monitor this and other westward locations throughout the day for stray odors. At this time it is the assessment of Bridgeton Landfill staff that this odor was unlikely to have been related to the Bridgeton Landfill. Because this location experiences significant industrial vehicle traffic including leachate trucks from the Bridgeton Landfill, significant traffic from two garbage hauling companies, and a host of other industrial shipping vehicles it is quite possible one of these was the source of a fleeting but noticeable odor, but again multiple inspections of this location has yet to yield a detection of Bridgeton Landfill related odors.

ATTACHMENT I

LIQUID CHARACTERIZATION DATA

The Liquid Characterization Data for September 2014 consists of 1,480 pages of laboratory results.

In order to make this Monthly Report a manageable electronic document, the Liquid Characterization Data will be provided in separate file(s).

ATTACHMENT J

LIQUID TRANSPORT MANIFEST LOGS

Manifest Summary

Bridgeton Landfill Liquids

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
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Loading Date 9/1/2014

1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	099997	Joe Means
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	099998	Joe Means
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	099999	Joe Means
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100000	Joe Means
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100001	Joe Means
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100002	Joe Means
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100003	Joe Means
8	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374176 GBF	Joe Means
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100004	Joe Means
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100005	Joe Means
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100006	Joe Means
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100007	Joe Means
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100008	Joe Means
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100009	Joe Means
15	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374177 GBF	Joe Means
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100010	Joe Means
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100011	Joe Means
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100012	Joe Means
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100013	Joe Means
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100014	Joe Means
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100015	Joe Means

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
22	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374179 GBF	Joe Means
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100016	Joe Means
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100017	Joe Means
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100018	Joe Means
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100019	Joe Means
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100020	Joe Means
28	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374178 GBF	Joe Means
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100021	Joe Means
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100022	Joe Means
31	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100023	Joe Means
32	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100024	Joe Means
33	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100025	Joe Means
34	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100026	Joe Means

34

255,000

Loading Date 9/2/2014

1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100027	Joe Means
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100028	Joe Means
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100029	Joe Means
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100030	Joe Means
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100031	Joe Means
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100032	Joe Means
7	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374180 GBF	Joe Means
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100033	Joe Means

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100034	Joe Means
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100035	Joe Means
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100036	Joe Means
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100037	Joe Means
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100038	Joe Means
14	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374181 GBF	Joe Means
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100039	Joe Means
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100040	Joe Means
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100041	Joe Means
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100042	Joe Means
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100043	Joe Means
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100044	Joe Means
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100045	Joe Means
22	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374182 GBF	Joe Means
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100046	Joe Means
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100047	Joe Means
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100048	Joe Means
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100049	Joe Means
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100050	Joe Means
28	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374183 GBF	Joe Means
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100051	Joe Means
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100052	Joe Means
31	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100053	Joe Means
32	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100054	Joe Means

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
33	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100055	Joe Means

33

247,500

Loading Date 9/3/2014

1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100056	Joe Means
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100057	Joe Means
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100058	Joe Means
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100059	Joe Means
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100060	Joe Means
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100061	Joe Means
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100062	Joe Means
8	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374184 GBF	Joe Means
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100063	Joe Means
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100064	Joe Means
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100065	Joe Means
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100066	Joe Means
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100067	Joe Means
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100068	Joe Means
15	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374185 GBF	Joe Means
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100069	Joe Means
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100070	Joe Means
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100071	Joe Means
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100072	Joe Means
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100073	Joe Means

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
21	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374186 GBF	Joe Means
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100074	Joe Means
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100075	Joe Means
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100076	Joe Means
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100077	Joe Means
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100078	Joe Means
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100079	Joe Means
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100080	Joe Means
29	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374187 GBF	Joe Means
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100081	Joe Means
31	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100082	Joe Means
32	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100083	Joe Means
33	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100084	Joe Means

33

247,500

Loading Date 9/4/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,901	2014-09-04	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100085	Joe Means
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100086	Joe Means
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100087	Joe Means
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100088	Joe Means
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100089	Joe Means
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100090	Joe Means
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100091	Joe Means

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
8	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374188 GBF	Joe Means
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100092	Joe Means
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100093	Joe Means
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100094	Joe Means
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100095	Joe Means
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100096	Joe Means
14	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374189 GBF	Joe Means
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100097	Joe Means
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100098	Joe Means
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100099	Joe Means
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100100	Joe Means
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100101	Sam Bircher
20	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374190 GBF	Sam Bircher
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100102	Sam Bircher
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100103	Sam Bircher
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100104	Sam Bircher
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100105	Sam Bircher
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100106	Sam Bircher
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100107	Sam Bircher
27	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374191 GBF	Sam Bircher
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100108	Sam Bircher
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100109	Sam Bircher
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100110	Sam Bircher

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
31	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100111	Sam Bircher
32	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100112	Sam Bircher
33	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100114	Sam Bircher

34

257,401

Loading Date 9/5/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,900	2014-09-05	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100115	Sam Bircher
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100116	Sam Bircher
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100117	Sam Bircher
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100118	Sam Bircher
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100119	Sam Bircher
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100120	Sam Bircher
7	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374192 GBF	Sam Bircher
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100121	Sam Bircher
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100122	Sam Bircher
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100123	Sam Bircher
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100124	Sam Bircher
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100125	Sam Bircher
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100126	Sam Bircher
14	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374193 GBF	Sam Bircher
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100127	Sam Bircher
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100128	Sam Bircher
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100129	Sam Bircher

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100130	Sam Bircher
19	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374194 GBF	Sam Bircher
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100131	Sam Bircher
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100132	Sam Bircher
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100133	Sam Bircher
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100134	Sam Bircher
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100135	Sam Bircher
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100136	Sam Bircher
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100137	Sam Bircher
27	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374195 GBF	Sam Bircher
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100138	Sam Bircher
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100139	Sam Bircher
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100140	Sam Bircher
31	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100141	Sam Bircher
32	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100142	Sam Bircher
33	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100143	Sam Bircher
34	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100144	Sam Bircher

35

264,900

Loading Date 9/6/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,900	2014-09-06	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100145	Sam Bircher
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100146	Sam Bircher
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100147	Sam Bircher

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100148	Sam Bircher
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100149	Sam Bircher
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100150	Sam Bircher
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100151	Sam Bircher
8	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374196 GBF	Sam Bircher
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100152	Sam Bircher
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100153	Sam Bircher
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100154	Sam Bircher
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100155	Sam Bircher
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100156	Sam Bircher
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100157	Sam Bircher
15	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374197 GBF	Sam Bircher
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100158	Sam Bircher
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100159	Sam Bircher
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100160	Sam Bircher
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100161	Sam Bircher
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100162	Sam Bircher
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100163	Sam Bircher
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100164	Sam Bircher
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100165	Sam Bircher
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100166	Sam Bircher
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100167	Sam Bircher
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100168	Sam Bircher
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100169	Sam Bircher

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100170	Sam Bircher
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100171	Sam Bircher
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100172	Sam Bircher
31	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100173	Sam Bircher
32	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100174	Sam Bircher
33					249,900		

Loading Date 9/7/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,900	2014-09-07	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100175	Sam Bircher
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100176	Sam Bircher
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100177	Sam Bircher
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100178	Sam Bircher
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100700	Sam Bircher
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100701	Sam Bircher
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100702	Sam Bircher
8	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374198 GBF	Sam Bircher
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100703	Sam Bircher
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100704	Sam Bircher
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100705	Sam Bircher
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100706	Sam Bircher
13	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank AST 316k	MBI	7,500	002374199 GBF	Sam Bircher
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100707	Sam Bircher
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100708	Sam Bircher

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100709	Sam Bircher
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100710	Sam Bircher
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100711	Sam Bircher
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100712	Sam Bircher
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100713	Sam Bircher
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100714	Sam Bircher
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100715	Sam Bircher
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100716	Sam Bircher
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100717	Sam Bircher
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100718	Sam Bircher
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100719	Sam Bircher
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100720	Sam Bircher
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100721	Sam Bircher
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100722	Sam Bircher
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100723	Sam Bircher
31	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100724	Sam Bircher
32	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100725	Sam Bircher

33

249,900

Loading Date 9/8/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,900	2014-09-08	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100726	Joe Means
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100727	Joe Means
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100728	Joe Means
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100729	Joe Means

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100730	Joe Means
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100731	Joe Means
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100732	Joe Means
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100733	Joe Means
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100734	Joe Means
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100735	Joe Means
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100736	Joe Means
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100737	Joe Means
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100738	Joe Means
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100739	Joe Means
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100740	Joe Means
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100741	Joe Means
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100742	Joe Means
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100743	Joe Means
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100744	Joe Means
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100745	Joe Means
21					159,900		

Loading Date 9/9/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,900	2014-09-09	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100746	Joe Means
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100747	Joe Means
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100748	Joe Means
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100749	Joe Means
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank AST 316k	MBI	7,500	100750	Joe Means

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100751	Joe Means
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100752	Joe Means
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100753	Joe Means
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100754	Joe Means
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100755	Joe Means
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100756	Joe Means
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100757	Joe Means
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100758	Joe Means
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100759	Joe Means
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100760	Joe Means
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100761	Joe Means
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100762	Joe Means
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100763	Joe Means
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100764	Joe Means
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100765	Joe Means
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100766	Joe Means
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100767	Joe Means
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100768	Joe Means
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100769	Joe Means
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100770	Joe Means
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100771	Joe Means
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100772	Joe Means

28

212,400

Loading Date 9/10/2014

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,900	2014-09-10	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100773	Joe Means
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100774	Joe Means
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100775	Joe Means
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100776	Joe Means
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100777	Joe Means
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100778	Joe Means
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100779	Joe Means
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100780	Joe Means
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100781	Joe Means
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100782	Joe Means
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100783	Joe Means
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100784	Joe Means
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100785	Joe Means
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100786	Joe Means
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100787	Joe Means
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100788	Joe Means
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100789	Joe Means
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100790	Joe Means
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100791	Joe Means
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100792	Joe Means
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100793	Joe Means
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100794	Joe Means
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100795	Joe Means
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100796	Joe Means

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100797	Joe Means
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100798	Joe Means
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100799	Joe Means
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100228	Joe Means
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100229	Joe Means
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100230	Joe Means
31					234,900		

Loading Date 9/11/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,900	2014-09-11	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100231	Joe Means
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100232	Joe Means
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100233	Joe Means
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100234	Joe Means
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100235	Joe Means
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100236	Joe Means
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100237	Joe Means
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100238	Joe Means
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100239	Joe Means
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100240	Joe Means
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100241	Joe Means
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100242	Joe Means
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100243	Joe Means
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100244	Joe Means
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100245	Craig Hegna

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100246	Craig Hegna
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100247	Craig Hegna
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100248	Craig Hegna
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100249	Craig Hegna
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100250	Craig Hegna
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100251	Craig Hegna
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100252	Craig Hegna
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100253	Craig Hegna
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100255	Craig Hegna
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100256	Craig Hegna
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100257	Craig Hegna
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100258	Craig Hegna
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100259	Craig Hegna
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100260	Craig Hegna
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100261	Craig Hegna

31

234,900

Loading Date 9/12/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,900	2014-09-12	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100262	Craig Hegna
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100263	Craig Hegna
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100264	Craig Hegna
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100265	Craig Hegna
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100266	Craig Hegna
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100267	Craig Hegna

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100268	Craig Hegna
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100269	Craig Hegna
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100270	Craig Hegna
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100271	Craig Hegna
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100272	Craig Hegna
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100273	Craig Hegna
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100274	Craig Hegna
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100275	Craig Hegna
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100276	Craig Hegna
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100277	Craig Hegna
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100278	Craig Hegna
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100279	Craig Hegna
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100280	Craig Hegna
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100281	Craig Hegna
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100282	Craig Hegna
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100283	Craig Hegna
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100284	Craig Hegna
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100285	Craig Hegna
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100286	Craig Hegna
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100287	Craig Hegna
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100288	Craig Hegna
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100289	Craig Hegna
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100290	Craig Hegna
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100291	Craig Hegna

31

234,900

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
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Loading Date 9/13/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,918	2014-09-13	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100292	Craig Hegna
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100293	Craig Hegna
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100294	Craig Hegna
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100295	Craig Hegna
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100296	Craig Hegna
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100297	Craig Hegna
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100298	Craig Hegna
8	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank T1	MBI	7,500	002374200 GBF	Craig Hegna
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100299	Craig Hegna
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100300	Craig Hegna
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100301	Craig Hegna
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100302	Craig Hegna
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100303	Craig Hegna
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100304	Craig Hegna
15	Non-Hazardous Leachate for American Bottoms	American Bottoms	Tank T1	MBI	7,500	002374201 GBF	Craig Hegna
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100305	Craig Hegna
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100306	Craig Hegna
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100307	Craig Hegna
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100308	Craig Hegna
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100309	Craig Hegna
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100310	Craig Hegna
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100311	Craig Hegna

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100312	Craig Hegna
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100313	Craig Hegna
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100314	Craig Hegna
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100315	Craig Hegna
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100316	Craig Hegna
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100317	Craig Hegna
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100318	Craig Hegna
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100319	Craig Hegna
31	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100354	Craig Hegna
32	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100355	Craig Hegna

33

249,918

Loading Date 9/14/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,892	2014-09-14	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100356	Craig Hegna
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100357	Craig Hegna
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100358	Craig Hegna
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100359	Craig Hegna
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100360	Craig Hegna
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100361	Craig Hegna
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100362	Craig Hegna
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100363	Craig Hegna
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100364	Craig Hegna
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100365	Craig Hegna
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100366	Craig Hegna

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100367	Craig Hegna
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100368	Craig Hegna
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100369	Craig Hegna
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100370	Craig Hegna
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100371	Craig Hegna
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100372	Craig Hegna
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100373	Craig Hegna
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100374	Craig Hegna
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100375	Craig Hegna
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100376	Craig Hegna
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100377	Craig Hegna
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100378	Craig Hegna
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100379	Craig Hegna
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100380	Craig Hegna
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100381	Craig Hegna
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100382	Craig Hegna
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100383	Craig Hegna
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100384	Craig Hegna
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100385	Craig Hegna

31

234,892

Loading Date 9/15/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,890	2014-09-15	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100386	Joe Means
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100387	Joe Means

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100388	Joe Means
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100389	Joe Means
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100390	Joe Means
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100391	Joe Means
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100392	Joe Means
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100393	Joe Means
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100394	Joe Means
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100395	Joe Means
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100396	Joe Means
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100397	Joe Means
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100398	Joe Means
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100399	Joe Means
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100400	Joe Means
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100401	Joe Means
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100402	Joe Means
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100403	Joe Means
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100404	Joe Means
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100405	Joe Means

21

159,890

Loading Date 9/16/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,900	2014-09-16	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100406	Joe Means
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100407	Joe Means
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100408	Joe Means

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100409	Joe Means
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100410	Joe Means
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100411	Joe Means
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100412	Joe Means
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100413	Joe Means
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100414	Joe Means
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100415	Joe Means
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100416	Joe Means
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100417	Joe Means
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100418	Joe Means
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100419	Joe Means
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100420	Joe Means
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100421	Joe Means
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100422	Joe Means
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100423	Joe Means
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100424	Joe Means
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100425	Joe Means
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100426	Joe Means

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167,400

Loading Date 9/17/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,900	2014-09-17	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100427	Joe Means
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100428	Joe Means
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100429	Joe Means

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100430	Joe Means
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100431	Joe Means
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100432	Joe Means
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100433	Joe Means
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100434	Joe Means
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100435	Joe Means
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100436	Joe Means
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100437	Joe Means
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100438	Joe Means
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100439	Joe Means
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100440	Joe Means
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100441	Joe Means
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100442	Joe Means
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100443	Joe Means
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100444	Joe Means
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100445	Joe Means
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100446	Joe Means
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100447	Ryan Brosious
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100448	Ryan Brosious
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100449	Ryan Brosious
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100450	Ryan Brosious
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100451	Ryan Brosious
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100452	Ryan Brosious
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100453	Ryan Brosious
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100454	Ryan Brosious

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100455	Ryan Brosious
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100456	Ryan Brosious

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234,900

Loading Date 9/18/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,977	2014-09-18	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100457	Ryan Brosious
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100458	Ryan Brosious
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100459	Ryan Brosious
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100460	Ryan Brosious
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100461	Ryan Brosious
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100462	Ryan Brosious
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100463	Ryan Brosious
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100464	Ryan Brosious
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100465	Ryan Brosious
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100466	Ryan Brosious
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100467	Ryan Brosious
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100468	Ryan Brosious
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100469	Ryan Brosious
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100470	Ryan Brosious
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100471	Ryan Brosious
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100472	Ryan Brosious
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100473	Ryan Brosious
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100474	Ryan Brosious
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100475	Ryan Brosious

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100476	Ryan Brosious
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100477	Ryan Brosious
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100478	Ryan Brosious
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100479	Ryan Brosious
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100480	Ryan Brosious
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100481	Ryan Brosious
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100482	Ryan Brosious
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100483	Ryan Brosious
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100484	Ryan Brosious
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100485	Ryan Brosious
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100486	Ryan Brosious
31					234,977		

Loading Date 9/19/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,823	2014-09-19	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100487	Ryan Brosious
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100488	Ryan Brosious
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100489	Ryan Brosious
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100490	Ryan Brosious
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100491	Ryan Brosious
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100492	Ryan Brosious
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100493	Ryan Brosious
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100494	Ryan Brosious
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100495	Ryan Brosious
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100496	Ryan Brosious

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100497	Ryan Brosious
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100498	Ryan Brosious
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100499	Ryan Brosious
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100500	Ryan Brosious
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100501	Ryan Brosious
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100502	Ryan Brosious
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100503	Ryan Brosious
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100504	Ryan Brosious
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100505	Ryan Brosious
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100506	Ryan Brosious
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100507	Ryan Brosious
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100508	Ryan Brosious
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100509	Ryan Brosious
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100510	Ryan Brosious
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100511	Ryan Brosious
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100512	Ryan Brosious
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100513	Ryan Brosious
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100514	Ryan Brosious
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100515	Ryan Brosious
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100516	Ryan Brosious

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234,823

Loading Date 9/20/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,900	2014-09-20	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100517	Ryan Brosious

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100518	Ryan Brosious
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100519	Ryan Brosious
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100520	Ryan Brosious
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100521	Ryan Brosious
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100522	Ryan Brosious
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100523	Ryan Brosious
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100524	Ryan Brosious
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100525	Ryan Brosious
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100526	Ryan Brosious
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100527	Ryan Brosious
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100528	Ryan Brosious
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100529	Ryan Brosious
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100530	Ryan Brosious
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100531	Ryan Brosious
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100532	Ryan Brosious
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100533	Ryan Brosious
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100534	Ryan Brosious
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100535	Ryan Brosious
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100536	Ryan Brosious
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100537	Ryan Brosious
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100538	Ryan Brosious
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100539	Ryan Brosious
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100540	Ryan Brosious
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100541	Ryan Brosious
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100542	Ryan Brosious

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100543	Ryan Brosious
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100544	Ryan Brosious
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100545	Ryan Brosious

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227,400

Loading Date 9/21/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,900	2014-09-21	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100546	Ryan Brosious
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100547	Ryan Brosious
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100548	Ryan Brosious
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100549	Ryan Brosious
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100550	Ryan Brosious
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100551	Ryan Brosious
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100552	Ryan Brosious
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100553	Ryan Brosious
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100554	Ryan Brosious
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100555	Ryan Brosious
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100556	Ryan Brosious
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100557	Ryan Brosious
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100558	Ryan Brosious
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100559	Ryan Brosious
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100560	Ryan Brosious
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100561	Ryan Brosious
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100562	Ryan Brosious
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100563	Ryan Brosious

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100564	Ryan Brosious
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100565	Ryan Brosious
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100566	Ryan Brosious
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100567	Ryan Brosious
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100568	Ryan Brosious
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100569	Ryan Brosious
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100570	Ryan Brosious
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100571	Ryan Brosious
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100572	Ryan Brosious
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100573	Ryan Brosious
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100574	Ryan Brosious
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100575	Ryan Brosious

31

234,900

Loading Date 9/22/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,900	2014-09-22	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100576	Joe Means
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100577	Joe Means
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100578	Joe Means
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100579	Joe Means
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100580	Joe Means
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100581	Joe Means
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100582	Joe Means
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100583	Joe Means
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100584	Joe Means

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100585	Joe Means
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100586	Joe Means
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100587	Joe Means
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100588	Joe Means
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100589	Joe Means
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100590	Joe Means
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100591	Joe Means
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100592	Joe Means
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100593	Joe Means
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100594	Joe Means
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100595	Joe Means
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100596	Joe Means
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100597	Joe Means
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100598	Joe Means
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100599	Joe Means
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100681	Joe Means
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100682	Joe Means
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100683	Joe Means
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100684	Joe Means
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100685	Joe Means
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100686	Joe Means
31					234,900		

Loading Date 9/23/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,900	2014-09-23	
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Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100687	Joe Means
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100688	Joe Means
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100689	Joe Means
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100690	Joe Means
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100691	Joe Means
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100692	Joe Means
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100693	Joe Means
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100694	Joe Means
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100695	Joe Means
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100696	Joe Means
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100697	Joe Means
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100698	Joe Means
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100699	Joe Means
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100600	Joe Means
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100601	Joe Means
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100602	Joe Means
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100603	Joe Means
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100604	Joe Means
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100605	Joe Means
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100606	Joe Means
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100607	Joe Means
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100608	Joe Means
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100609	Joe Means
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100610	Joe Means
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100611	Joe Means

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100612	Joe Means
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100613	Joe Means
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100614	Joe Means
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100615	Joe Means
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100616	Joe Means

31

234,900

Loading Date 9/24/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,800	2014-09-24	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100617	Joe Means
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100618	Joe Means
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100619	Joe Means
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100620	Joe Means
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100621	Joe Means
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100622	Joe Means
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100623	Joe Means
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100624	Joe Means
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100625	Joe Means
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100626	Joe Means
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100627	Joe Means
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100628	Joe Means
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100629	Joe Means
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100630	Joe Means
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100631	Joe Means
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100632	Joe Means

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100633	Joe Means
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100634	Joe Means
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100635	Joe Means
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100636	Joe Means
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100637	Joe Means
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100638	Joe Means
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100639	Joe Means
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100640	Joe Means
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100641	Joe Means
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100642	Joe Means
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100643	Joe Means
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100644	Joe Means
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100645	Joe Means
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100646	Joe Means
31					234,800		

Loading Date 9/25/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,800	2014-09-25	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100647	Joe Means
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100648	Joe Means
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100649	Joe Means
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100650	Joe Means
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100651	Joe Means
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100652	Joe Means
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100653	Joe Means

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100654	Joe Means
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100655	Joe Means
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100656	Joe Means
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100657	Joe Means
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100658	Joe Means
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100659	Joe Means
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100660	Joe Means
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100661	Joe Means
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100662	Kyle Kramer
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100663	Kyle Kramer
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100664	Kyle Kramer
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100665	Kyle Kramer
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100666	Kyle Kramer
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100667	Kyle Kramer
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100668	Kyle Kramer
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100669	Kyle Kramer
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100670	Kyle Kramer
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100671	Kyle Kramer
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100672	Kyle Kramer
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100673	Kyle Kramer
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100674	Kyle Kramer
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100675	Kyle Kramer
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100676	Kyle Kramer

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234,800

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
Loading Date 9/26/2014							
0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,800	2014-09-26	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100677	Kyle Kramer
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100678	Kyle Kramer
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100800	Kyle Kramer
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100801	Kyle Kramer
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100802	Kyle Kramer
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100803	Kyle Kramer
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100804	Kyle Kramer
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100805	Kyle Kramer
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100806	Kyle Kramer
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100807	Kyle Kramer
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100808	Kyle Kramer
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100809	Kyle Kramer
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100810	Kyle Kramer
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100811	Kyle Kramer
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100812	Kyle Kramer
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100813	Kyle Kramer
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100814	Kyle Kramer
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100815	Kyle Kramer
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100816	Kyle Kramer
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100817	Kyle Kramer
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100818	Kyle Kramer
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100819	Kyle Kramer
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100820	Kyle Kramer

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100821	Kyle Kramer
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100822	Kyle Kramer
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100823	Kyle Kramer
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100824	Kyle Kramer
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100825	Kyle Kramer
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100826	Kyle Kramer
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100827	Kyle Kramer
31					234,800		

Loading Date 9/27/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,800	2014-09-27	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100828	Kyle Kramer
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100829	Kyle Kramer
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100830	Kyle Kramer
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100831	Kyle Kramer
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100832	Kyle Kramer
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100833	Kyle Kramer
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100834	Kyle Kramer
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100835	Kyle Kramer
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100836	Kyle Kramer
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100837	Kyle Kramer
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100838	Kyle Kramer
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100839	Kyle Kramer
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100840	Kyle Kramer
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100841	Kyle Kramer

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100842	Kyle Kramer
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100843	Kyle Kramer
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100844	Kyle Kramer
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100845	Kyle Kramer
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100846	Kyle Kramer
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100847	Kyle Kramer
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100848	Kyle Kramer
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100849	Kyle Kramer
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100850	Kyle Kramer
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100851	Kyle Kramer
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100852	Kyle Kramer
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100853	Kyle Kramer
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100854	Kyle Kramer
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100855	Kyle Kramer
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100856	Kyle Kramer
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100857	Kyle Kramer

31

234,800

Loading Date 9/28/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,800	2014-09-28	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100858	Kyle Kramer
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100859	Kyle Kramer
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100860	Kyle Kramer
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100861	Kyle Kramer
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100862	Kyle Kramer

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100863	Kyle Kramer
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100864	Kyle Kramer
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100865	Kyle Kramer
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100866	Kyle Kramer
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100867	Kyle Kramer
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100868	Kyle Kramer
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100869	Kyle Kramer
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100870	Kyle Kramer
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100871	Kyle Kramer
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100872	Kyle Kramer
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100873	Kyle Kramer
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100874	Kyle Kramer
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100875	Kyle Kramer
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100876	Kyle Kramer
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100877	Kyle Kramer
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100878	Kyle Kramer
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100879	Kyle Kramer
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100880	Kyle Kramer
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100881	Kyle Kramer
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100882	Kyle Kramer
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100883	Kyle Kramer
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100884	Kyle Kramer
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100885	Kyle Kramer
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100886	Kyle Kramer
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100887	Kyle Kramer

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
31						234,800	

Loading Date 9/29/2014

0	Non-Contact Cooling Water	MSD - Missouri River	Tank AST 96k	MSD Direct Discharge	9,800	2014-09-29	
1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100888	Joe Means
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100889	Joe Means
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100890	Joe Means
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100891	Joe Means
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100892	Joe Means
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100893	Joe Means
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100894	Joe Means
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100895	Joe Means
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100896	Joe Means
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100897	Joe Means
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100898	Joe Means
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100899	Joe Means
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100900	Joe Means
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100901	Joe Means
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100902	Joe Means
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100903	Joe Means
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100904	Joe Means
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100905	Joe Means
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100906	Joe Means
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100907	Joe Means
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100908	Joe Means

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100909	Joe Means
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100910	Joe Means
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100911	Joe Means
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100912	Joe Means
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100913	Joe Means
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100914	Joe Means
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100915	Joe Means
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100916	Joe Means
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100917	Joe Means

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234,800

Loading Date 9/30/2014

1	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100918	Joe Means
2	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100919	Joe Means
3	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100920	Joe Means
4	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100921	Joe Means
5	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100922	Joe Means
6	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100923	Joe Means
7	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100924	Joe Means
8	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100925	Joe Means
9	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100926	Joe Means
10	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100927	Joe Means
11	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	100928	Joe Means
12	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	101179	Joe Means
13	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	101180	Joe Means

Load ID	Waste	Disposal Facility	Source	Transporter	Qty (gal)	Manifest No.	Clerk
14	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	101181	Joe Means
15	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	101182	Joe Means
16	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	101183	Joe Means
17	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	101184	Joe Means
18	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	101185	Joe Means
19	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	101186	Joe Means
20	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	101187	Joe Means
21	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	101188	Joe Means
22	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	101189	Joe Means
23	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	101190	Joe Means
24	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	101191	Joe Means
25	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	101192	Joe Means
26	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	101193	Joe Means
27	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	101194	Joe Means
28	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	101195	Joe Means
29	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	101196	Joe Means
30	Non-Hazardous Leachate for MSD	MSD - Bissell Point	Tank T1	MBI	7,500	101197	Joe Means
30					225,000		