APPENDIX R
EXISTING FACILITIES EVALUATION DOCUMENTATION

Table R-1 – Summary of NR 140 Exceedances (Sector 2)

Table R-2 – Summary of NR 140 Exceedances (Sector 1)

SMCL 2014 Annual Report (Excerpted Sections Only)

SMCL 2015 Annual Report (Excerpted Sections Only)

SMCL 2016 Annual Report (Excerpted Sections Only)

SMCL 2017 Annual Report (Excerpted Sections Only)

SMCL 2018 Environmental Monitoring Data Submittals

Note: Excerpted sections of the SMCL Annual Reports includes the cover letter and report as well as appendices including: WDNR approvals and correspondence; gas extraction system monitoring data; leachate monitoring data; facility maintenance and inspections; and groundwater monitoring.

TABLE R-1
SUMMARY OF NR 140 EXCEEDANCES OF PUBLIC HEALTH/WELFARE PARAMETERS (2014-2018)
SECTOR 2 GROUNDWATER MONITORING WELLS
SEVEN MILE CREEK LANDFILL - SECTOR 2 NORTHEAST EXPANSION FEASIBILITY REPORT
EAU CLAIRE, WI

PARAMETER	UNIT	PAL(I) / ACL	NR 140 PAL	NR 140 ES	WELL ID	SAMPLE DATE	RESULT	NR 140 EXCEEDANCE	WITHIN DMZ	HYDRAULIC LOCATION
Alkalinity, total filtered	**mg/L**	**120**	-	-	DH-34	4/7/2014	454	PAL (well specific)	NO	Down
					DH-34	10/16/2014	165	PAL (well specific)	NO	Down
					DH-34	4/24/2015	304	PAL (well specific)	NO	Down
					DH-34	4/14/2016	255	PAL (well specific)	NO	Down
					DH-34	10/5/2016	221	PAL (well specific)	NO	Down
					DH-34	4/10/2017	188	PAL (well specific)	NO	Down
					DH-34	10/2/2017	121	PAL (well specific)	NO	Down
					DH-34	4/11/2018	294	PAL (well specific)	NO	Down
					DH-34	10/10/2018	150	PAL (well specific)	NO	Down
		200	-	-	DH-35	4/24/2015	229	PAL (well specific)	YES	Down
					DH-35	10/6/2016	217	PAL (well specific)	YES	Down
					DH-35	4/10/2017	232	PAL (well specific)	YES	Down
					DH-35	10/4/2017	250	PAL (well specific)	YES	Down
Benzene	**µg/L**	-	**0.5**	**5**	DH-45	4/13/2018	3.20	PAL - Public Health	NO	Side
					DH-52	4/14/2017	1.40	PAL - Public Health	NO	Side/Up
					DH-53	4/11/2014	4.60	PAL - Public Health	NO	Side/Up
					DH-53	4/24/2015	1.50	PAL - Public Health	NO	Side/Up
					DH-53	4/14/2016	1.20	PAL - Public Health	NO	Side/Up
Boron, dissolved (mg/l as B)	**mg/L**	-	**0.2**	**1**	DH-53	4/11/2014	0.30	PAL - Public Health	NO	Side/Up
					DH-53	4/24/2015	0.235	PAL - Public Health	NO	Side/Up
Chloride, dissolved (mg/l as Cl)	**mg/L**	-	**125**	**250**	DH-34	4/7/2014	189	PAL - Public Welfare	NO	Down
Hardness, total filtered	**mg/L**	**130**	-	-	DH-18A	10/14/2015	157	PAL (well specific)	NO	Down
		170	-	-	DH-34	4/7/2014	546	PAL (well specific)	NO	Down
					DH-34	10/16/2014	184	PAL (well specific)	NO	Down
					DH-34	4/24/2015	246	PAL (well specific)	NO	Down
					DH-34	4/14/2016	221	PAL (well specific)	NO	Down
					DH-34	10/5/2016	222	PAL (well specific)	NO	Down
					DH-34	4/11/2018	242	PAL (well specific)	NO	Down

TABLE R-1 (CONTINUED)
SUMMARY OF NR 140 EXCEEDANCES OF PUBLIC HEALTH/WELFARE PARAMETERS (2014-2018)
SECTOR 2 GROUNDWATER MONITORING WELLS
SEVEN MILE CREEK LANDFILL - SECTOR 2 NORTHEAST EXPANSION FEASIBILITY REPORT
EAU CLAIRE, WI

PARAMETER	UNIT	PAL(I) / ACL	NR 140 PAL	NR 140 ES	WELL ID	SAMPLE DATE	RESULT	NR 140 EXCEEDANCE	WITHIN DMZ	HYDRAULIC LOCATION
Hardness, total filtered	**mg/L**	**210**	**-**	**-**	DH-35	4/10/2014	237	PAL (well specific)	YES	Down
					DH-35	10/15/2014	230	PAL (well specific)	YES	Down
					DH-35	4/22/2015	214	PAL (well specific)	YES	Down
					DH-35	10/6/2016	234	PAL (well specific)	YES	Down
					DH-35	4/10/2017	246	PAL (well specific)	YES	Down
					DH-35	10/4/2017	276	PAL (well specific)	YES	Down
		180	**-**	**-**	DH-35A	10/4/2017	196	PAL (well specific)	YES	Down
					DH-35A	4/11/2018	192	PAL (well specific)	YES	Down
Iron, dissolved (mg/l as Fe)	**mg/L**	**-**	**0.15**	**0.3**	DH-01	4/11/2014	20.9	PAL - Public Welfare	YES	Within
					DH-01	10/27/2014	36.2	PAL - Public Welfare	YES	Within
					DH-01	4/24/2015	66.2	PAL - Public Welfare	YES	Within
					DH-01	10/12/2015	29.7	PAL - Public Welfare	YES	Within
		-	**0.15**	**0.3**	DH-22R	4/7/2014	0.869	ES - Public Welfare	NO	Down
		2	**0.15**	**0.3**	DH-22B	4/22/2015	0.278	ACL	NO	Down
		-	**0.15**	**0.3**	DH-32	10/14/2015	0.167	PAL - Public Welfare	YES	Down
		1	**0.15**	**0.3**	DH-35A	4/10/2014	3.04	ACL	YES	Down
					DH-35A	10/15/2014	3.15	ACL	YES	Down
					DH-35A	4/22/2015	3.47	ACL	YES	Down
					DH-35A	10/19/2015	3.72	ACL	YES	Down
					DH-35A	10/6/2016	4.60	ACL	YES	Down
		-	**0.15**	**0.3**	DH-40	10/6/2016	0.316	PAL - Public Welfare	YES	Up
					DH-41	10/19/2015	0.404	PAL - Public Welfare	YES	Down
					DH-49	10/14/2015	0.354	PAL - Public Welfare	YES	Side/Down
					DH-52	10/17/2014	0.371	ES - Public Welfare	NO	Side/Up
					DH-53	10/17/2014	0.834	ES - Public Welfare	NO	Side/Up
					DH-53	4/24/2015	6.60	ES - Public Welfare	NO	Side/Up
					DH-53	10/19/2015	14.10	ES - Public Welfare	NO	Side/Up
					DH-53	10/6/2016	7.94	ES - Public Welfare	NO	Side/Up
Nitrate + nitrite, as N	**mg/L**	**-**	**2**	**10**	DH-52	4/11/2014	4.80	PAL - Public Health	NO	Side/Up
					DH-52	10/17/2014	4.30	PAL - Public Health	NO	Side/Up
					DH-52	4/24/2015	3.10	PAL - Public Health	NO	Side/Up
					DH-52	10/19/2015	3.00	PAL - Public Health	NO	Side/Up

TABLE R-1 (CONTINUED)
SUMMARY OF NR 140 EXCEEDANCES OF PUBLIC HEALTH/WELFARE PARAMETERS (2014-2018)
SECTOR 2 GROUNDWATER MONITORING WELLS
SEVEN MILE CREEK LANDFILL - SECTOR 2 NORTHEAST EXPANSION FEASIBILITY REPORT
EAU CLAIRE, WI

PARAMETER	UNIT	PAL(I) / ACL	NR 140 PAL	NR 140 ES	WELL ID	SAMPLE DATE	RESULT	NR 140 EXCEEDANCE	WITHIN DMZ	HYDRAULIC LOCATION
Specific conductance - field	**umhos/cm @ 25 C**	**310**	**-**	**-**	DH-01	4/11/2014	330	PAL (well specific)	YES	Within
					DH-01	4/24/2015	315	PAL (well specific)	YES	Within
					DH-01	4/13/2016	320	PAL (well specific)	YES	Within
		270	**-**	**-**	DH-18B	10/13/2014	436	PAL (well specific)	NO	Down
					DH-18B	10/14/2015	440	PAL (well specific)	NO	Down
		260	**-**	-	DH-33A	4/10/2014	570	PAL (well specific)	NO	Down
					DH-33A	4/22/2015	583	PAL (well specific)	NO	Down
		320	**-**	-	DH-34	4/7/2014	1232	PAL (well specific)	NO	Down
					DH-34	10/16/2014	533	PAL (well specific)	NO	Down
					DH-34	4/24/2015	1120	PAL (well specific)	NO	Down
					DH-34	10/15/2015	560	PAL (well specific)	NO	Down
					DH-34	4/14/2016	579	PAL (well specific)	NO	Down
					DH-34	10/5/2016	517	PAL (well specific)	NO	Down
					DH-34	4/10/2017	578	PAL (well specific)	NO	Down
					DH-34	10/2/2017	574	PAL (well specific)	NO	Down
					DH-34	4/11/2018	580	PAL (well specific)	NO	Down
					DH-34	10/10/2018	586	PAL (well specific)	NO	Down
		380	-	-	DH-35	10/15/2014	534	PAL (well specific)	YES	Down
					DH-35	10/19/2015	538	PAL (well specific)	YES	Down
					DH-35	4/14/2016	457	PAL (well specific)	YES	Down
					DH-35	10/6/2016	508	PAL (well specific)	YES	Down
					DH-35	4/10/2017	451	PAL (well specific)	YES	Down
					DH-35	10/4/2017	450	PAL (well specific)	YES	Down
					DH-35	4/11/2018	504	PAL (well specific)	YES	Down
					DH-35	10/10/2018	445	PAL (well specific)	YES	Down
		330	-	-	DH-39	4/10/2014	762	PAL (well specific)	YES	Up
					DH-39	4/22/2015	805	PAL (well specific)	YES	Up
		260	-	-	DH-43A	4/15/2016	263	PAL (well specific)	NO	Side/Down
		460	-	-	DH-45	10/6/2016	473	PAL (well specific)	NO	Side
					DH-45	10/5/2017	538	PAL (well specific)	NO	Side
					DH-45	4/13/2018	530	PAL (well specific)	NO	Side
					DH-45	10/10/2018	530	PAL (well specific)	NO	Side

TABLE R-1 (CONTINUED)
SUMMARY OF NR 140 EXCEEDANCES OF PUBLIC HEALTH/WELFARE PARAMETERS (2014-2018)
SECTOR 2 GROUNDWATER MONITORING WELLS
SEVEN MILE CREEK LANDFILL - SECTOR 2 NORTHEAST EXPANSION FEASIBILITY REPORT
EAU CLAIRE, WI

PARAMETER	UNIT	PAL(I) / ACL	NR 140 PAL	NR 140 ES	WELL ID	SAMPLE DATE	RESULT	NR 140 EXCEEDANCE	WITHIN DMZ	HYDRAULIC LOCATION
Tetrahydrofuran	**µg/L**	**-**	**10**	**50**	DH-01	4/13/2016	13.7	PAL - Public Health	YES	Within

Prepared by: LS Checked by: TD

Notes:
1. DMZ = Design Management Zone (150 ft from waste boundary)
2. ES = Enforcement Standard, as established in NR 140
3. PAL = Preventative Action Limit, as established in NR 140
4. ACL = Alternative Concentration Limit as provided in the WDNR approved Plan of Operation dated March 18, 2016
5. PAL(I) = Preventative Action Limit for indicator parameter (well specific) as provided in the WDNR approved Plan of Operation dated March 18, 2016
6. NR 140 ES only applies to wells outside the DMZ of the permitted Sector 2 Landfill
7. Wells included in this exceedance summary table include wells licensed under Sector 2 landfill (WDNR Lic. No. 3097) from 2014 - 2018
8. "J" flags represent estimated values greater than or equal to the limit of detection but less than the limit of quantitation
9. Hydraulic location refers to the wells location in relation to the groundwater flow under Sector 2 landfill (upgradient, side-gradient and/or downgradient).

TABLE R-2
SUMMARY OF NR 140 EXCEEDANCES OF PUBLIC HEALTH/WELFARE PARAMETERS (2014-2018)
SECTOR 1 GROUNDWATER MONITORING WELLS
SEVEN MILE CREEK LANDFILL - SECTOR 2 NORTHEAST EXPANSION FEASIBILITY REPORT
EAU CLAIRE, WI

PARAMETER	UNIT	ACL	NR 140 PAL	NR 140 ES	WELL ID	SAMPLE DATE	RESULT	NR 140 EXCEEDANCE	WITHIN DMZ	HYDRAULIC LOCATION
Bromodichloromethane	**µg/L**	**-**	**0.06**	**0.6**	DH-10	10/3/2016	1.7	ES - Public Health	NO	Up *
Iron, dissolved (mg/l as Fe)	**mg/L**	**-**	**0.15**	**0.3**	DH-07	4/11/2014	7.16	ES - Public Welfare	NO	Side
					DH-07	4/24/2015	1.64	ES - Public Welfare	NO	Side
					DH-11R	4/11/2014	1.52	PAL - Public Welfare	NO	Up/Side
					DH-15A	4/9/2014	0.727	ES - Public Welfare	YES	Down
					DH-19	4/9/2014	1.23	ES - Public Welfare	NO	Down
					DH-42	4/9/2014	16.5	ES - Public Welfare	NO	Down
					DH-42	10/16/2014	17.2	ES - Public Welfare	NO	Down
					DH-42	4/23/2015	19.0	ES - Public Welfare	NO	Down
					DH-42A	4/9/2014	16.2	ES - Public Welfare	NO	Down
					DH-42A	10/16/2014	14.4	ES - Public Welfare	NO	Down
					DH-42A	4/23/2015	17.5	ES - Public Welfare	NO	Down
Vinyl Chloride	**µg/L**	**-**	**0.02**	**0.2**	DH-10	4/9/2014	2.6	ES - Public Health	NO	Up *
					DH-10	4/12/2018	0.62 J	ES - Public Health	NO	Up *

Prepared by: LS Checked by: TD

Notes:
1. DMZ = Design Management Zone (150 ft from Sector 2 waste boundary)
2. ES = Enforcement Standard, as established in NR 140
3. PAL = Preventative Action Limit, as established in NR 140
4. NR 140 ES only applies to wells outside the DMZ of the permitted Sector 1 Landfill.
5. Wells included in this exceedance summary table include wells licensed under Sector 1 landfill (WDNR Lic. No. 2821) from 2014 - 2018.
6. "J" flags represent estimated values greater than or equal to the limit of detection but less than the limit of quantitation
7. Hydraulic location refers to the wells location in relation to the groundwater flow near Sector 1 landfill (upgradient, side-gradient and/or downgradient).
8. * Well DH-10 is located west of Seven Mile Creek in a hydraulically separate flow regime.

2014 Annual Report

Advanced Disposal Services
Seven Mile Creek Landfill
Eau Claire County, Wisconsin

Sector 1: WDNR License #02821
Sector 2: WDNR License #03097

Prepared for:
Advanced Disposal Services
Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire, WI 54703

Prepared by:
Environmental Sampling Corporation
P.O. Box 12
Muskego, WI 53150

October 2015

Advanced Disposal

October 19, 2015

Mr. Marty Herrick
Wisconsin Department of Natural Resources
3550 Mormon Coulee Road
La Crosse, WI 54601

Re: Advanced Disposal Services Seven Mile Creek Landfill
Sector 1: License #02821, Sector 2: License # 03097
Eau Claire County, Wisconsin
2014 Annual Report

Dear Mr. Herrick:

With this letter, Advanced Disposal Services Seven Mile Creek Landfill is submitting two copies of the 2014 Annual Report. The report is submitted pursuant to the "Report on the Plans and Specifications for A Sanitary Landfill to be Owned and Licensed by the City of Eau Claire (Seven Mile Creek Landfill)", issued by the Wisconsin Department of Natural Resources (WDNR) on July 31, 1978 and other subsequent approvals issued for both Sector 1 and Sector 2 Landfills.

The format for this annual report presents applicable site approval conditions followed by responses that address the requested information and data. We believe this method provides for accurate tracking of reporting requirements from year to year.

If you have any questions regarding this submittal, please call Frank Perugini, Environmental Sampling Corporation at (414) 427-5033 or the undersigned at (715) 839-9553. Thank you.

Sincerely,

Mark Vinall
Area Manager
Advanced Disposal Services Seven Mile Creek Landfill

Enclosure: 2014 Annual Report

cc: Jill Schoen: WDNR – Eau Claire
Tim Curry: ADS-Midwest (electronic copy)
Michael Niewind: ADS-Midwest (electronic copy)
Josh Malek: ADS-SMCL (electronic copy)
ADS-SMCL File Copy
Tyler Field: Cornerstone Environmental Group (hard copy, electronic copy)
John Oswald: Cornerstone Environmental Group (electronic copy)
Sherren Clark: SCS Engineers (electronic copy)
Frank Perugini: ESC

2014 ANNUAL REPORT
ADVANCED DISPOSAL SERVICES
SEVEN MILE CREEK LANDFILL
SECTOR 1: LICENSE #02821 / SECTOR 2: LICENSE #03097
EAU CLAIRE COUNTY, WISCONSIN

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- Request for Alternate Operating Procedures/Limits and Abandonment, dated January 2, 2014
- Exceedances at Wells Greater than 45 Days and Request for Alternate Operating Standards, dated February 20, 2014
- Alternate Timeline Request, dated March 7, 2014
- Gas Extraction Well S2P04OC3, dated April 29, 2014
- Extension Request, dated June 3, 2014
- Gas Extraction Wells S2P06LC2, S2P07LC1, S2P08LC2, S2P09LC1, and S2P10LC2, dated June 25, 2014
- Request for Alternate Operating Standards and Notification of Abandonment, dated October 10, 2014
- Gas Extraction Well S2P02OC2, S2P04OC1, S2P08OC3 and S2P08OC12, dated December 12, 2014

Attachment A-3: Wellfield Deviation Summary
Attachment A-4: Gas Probe Monitoring Data

2014 ANNUAL REPORT
ADVANCED DISPOSAL SERVICES
SEVEN MILE CREEK LANDFILL
SECTOR 1: LICENSE #02821 / SECTOR 2: LICENSE #03097
EAU CLAIRE COUNTY, WISCONSIN

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Attachment B-1: Leachate Analytical Data Summaries – Sector 1 and Sector 2
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Attachment C-4: Leachate Line Jetting Documentation

Appendix D **Groundwater Monitoring**

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2014 ANNUAL REPORT
ADVANCED DISPOSAL SERVICES
SEVEN MILE CREEK LANDFILL
SECTOR 1: LICENSE #02821 / SECTOR 2: LICENSE #03097
EAU CLAIRE COUNTY, WISCONSIN

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Appendix G **Compost Facility Records**

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2014 ANNUAL REPORT
ADVANCED DISPOSAL SERVICES
SEVEN MILE CREEK LANDFILL
SECTOR 1: LICENSE #02821 / SECTOR 2: LICENSE #03097
EAU CLAIRE COUNTY, WISCONSIN

1.0 INTRODUCTION

Advanced Disposal Services Seven Mile Creek Landfill (ADS-SMCL) operates a municipal solid waste landfill located in SE ¼ of Section 8 and the SW ¼ of Section 9, Township 27 N, Range 8 W, City of Eau Claire, Eau Claire County, Wisconsin. This facility was previously known as Veolia ES Seven Mile Creek Landfill and Onyx Seven Mile Creek Landfill. The ADS-SMCL facility includes a closed landfill identified as Sector 1 (license #02821) and an active landfill identified as Sector 2 (license # 03097) located north and northeast of the closed Sector 1 landfill.

The ADS-SMCL facility is currently operating in accordance with the Conditional Plan of Operation Approval issued by the Wisconsin Department of Natural Resources (WDNR) on April 19, 2005 and applicable prior and subsequent approvals. ADS-SMCL and Environmental Sampling Corporation (ESC) personnel have reviewed pertinent WDNR approval conditions to determine the necessary annual report contents. The approval references are presented below in bold italic font followed by ADS-SMCL's response in normal font. Also included with this annual report are the reporting requirements for the facility's Source Separated Compostable Material Facility (license #04426). This facility is currently operating in accordance with the February 22, 2013 Approval.

The annual report information is provided in the following sections titled: Landfill Operations and Compostable Material Facility Operations.

2.0 LANDFILL OPERATIONS

Approval Reference
July 31, 1978
Report on the Plans and Specifications for A Sanitary Landfill to be Owned and Licensed by the City of Eau Claire (Seven Mile Creek Landfill)

38. Annually three copies of the report reviewing the operation of this site and discussing the environmental effectiveness, the operational problems experienced, any proposed changes in the operation, groundwater quality results and any written analysis thereof, etc. shall be submitted to the Departments beginning one year after the date of this approval. A copy of this report shall be submitted to the West Central District office and two copies shall be sent to the Bureau of Waste Management in Madison.

Response
To meet this requirement ADS-SMCL is providing the WDNR with this annual report, which discusses the facility activities from the previous calendar year. As required by this approval condition, environmental effectiveness, operational problems, proposed changes, and groundwater quality are addresses in this report in response to approval conditions outlined in the remainder of the report. A copy of this annual report was sent to Jill Schoen at the West Central District Office in Eau Claire, Wisconsin. Two copies of this annual report were provided Marty Herrick at the WDNR Service Center in La Crosse, Wisconsin in lieu of sending the reports to the Bureau of Waste Management in Madison.

Approval Reference
July 30, 1990
Modification to the Plan of Operation Approval, Gas Extraction System, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

11. The following monitoring and reporting shall be performed on the active gas extraction system, and the results shall be submitted to the Bureau of Solid and Hazardous Waste Management on a quarterly basis.

a. Vacuum applied at each well – recorded monthly.
b. Average gas extraction flow rate at the building inlet plus methane and oxygen concentrations – recorded monthly.
c. Gas composition, concentration of methane and oxygen at each well – recorded monthly.

Response

The gas extraction wells located in Sector 1 and Sector 2 are monitored monthly at a minimum. Monthly monitoring includes landfill gas quality and vacuum applied at each well, as required by conditions 11.a. and 11.c. Gas blower quality and gas flow rate are recorded at least monthly and fulfill the monitoring requirements specified in 11.b. The Gas Extraction Report (**Attachment A-1**, Appendix A) provides a summary of the gas blower and gas extraction well monitoring conducted during 2014. A summary of the average monthly gas extraction flow rates, required by condition 11.b are provided in the 2014 Gas Volume Summary provided as **Table A-1** in Appendix A.

The 2014 monthly gas monitoring data was provided to the WDNR Air Management Bureau on a semi-annual basis with the air pollution control operation permit reports and also in electronic format to the WDNR Bureau of Solid and Hazardous Waste Management on a semi-annual basis with the Groundwater and Environmental Monitoring System (GEMS) data submissions. These GEMS data submissions are now provided to the WDNR on a quarterly basis to satisfy this approval condition.

Approval Reference
July 30, 1990
Modification to the Plan of Operation Approval, Gas Extraction System, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

11. The following monitoring and reporting shall be performed on the active gas extraction system, and the results shall be submitted to the Bureau of Solid and Hazardous Waste Management on a quarterly basis.

d. Volume of condensate collected.

Response

The gas condensate generated at the facility is disposed of in the leachate collection system by means of a gravity drain system. Gas condensate volumes generated are included in the total leachate volume produced at the facility. The facility does not have a means of monitoring the volume of gas condensate produced. The Department formally removed this monitoring requirement with the issuance of the December 13, 1990 Facility Closure Documentation Approval and Plan Modification Approval for Sector 1.

Approval Reference
July 30, 1990
Modification to the Plan of Operation Approval, Gas Extraction System, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

11. The following monitoring and reporting shall be performed on the active gas extraction system, and the results shall be submitted to the Bureau of Solid and Hazardous Waste Management on a quarterly basis.

e. Priority pollutant analysis on a sample of condensate – tested annually.

The gas condensate generated at the facility is disposed of in the leachate collection system by means of a gravity drain system. The facility does not have the means to conduct a discrete gas condensate sample. No annual gas condensate sample could be collected for priority pollutant analysis.

Since the gas condensate is comingled with the leachate, a summary of the laboratory analyses conducted on the Sector 1 leachate samples collected during 2014 is provided as **Attachment B-1** in Appendix B. A priority pollutant scan required by the wastewater treatment plant was performed in April 2014. Additional analyses required by the wastewater treatment plant, beyond those required by the solid waste permit are also included in the summary. Laboratory analytical data for the annual sample collected in April 2014 was provided to the WDNR in the Sector 1 Monitoring Report and GEMS submission prepared by SCS Engineers and dated June 30, 2014.

Approval Reference
July 30, 1990
Modification to the Plan of Operation Approval, Gas Extraction System, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

11. The following monitoring and reporting shall be performed on the active gas extraction system, and the results shall be submitted to the Bureau of Solid and Hazardous Waste Management on a quarterly basis.

f. Air pressure test of the condensate system, to test the system for leakage on an annual basis.

Response
This monitoring requirement was eliminated with the issuance of the February 9, 1999 Acknowledgement of Expedited Plan Modification Request, Superior Seven Mile Creek Landfill, Sector 1. License No. 2821.

The condensate system is located on natural soil or engineered fill outside the limits of waste of the Sector 1 landfill therefore is unaffected by waste settlement. The prior annual air pressure test of the condensate system had revealed no problems with leakage.

Approval Reference
July 30, 1990
Modification to the Plan of Operation Approval, Gas Extraction System, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

11. The following monitoring and reporting shall be performed on the active gas extraction system, and the results shall be submitted to the Bureau of Solid and Hazardous Waste Management on a quarterly basis.

g. Summary of the gas collection system operations indicating all down time, problems, etc., and proposed solutions.

Response
The gas extraction system at the facility includes one blower/flare and a landfill gas to energy plant which collects and combusts landfill gas generated from both Sector 1 and Sector 2. The blower/flare for the entire gas system (Sector 1 and Sector 2) operated with 98.7% efficiency during 2014. There were a total of 110 hours of downtime during the reporting period. The downtime summary is provided as **Table A-2** in Appendix A.

During the reporting period, ADS-SMCL conducted the 2014 Gas System Improvement project at the facility. This project was initiated to address the wellfield issues identified during the WDNR inspection conducted on August 19, 2013. ADS-SMCL provided a gas system evaluation and improvement plan in a letter dated December 17, 2013 and subsequent correspondence on February 6, 2014. WDNR approved the proposed improvements on January 2, 2014 and February 20, 2014. The approval letters are provided as **Attachment A-2**, Appendix A.

Completion of the proposed gas system improvements was scheduled for the end of June 2014; however, due to third party consultant design issues and cold and wet weather delays, ADS-SMCL requested a 45-day extension. In a letter dated June 3, 2014 (**Attachment A-2**, Appendix A), the WDNR approved the extension which gave the site until August 15, 2014 to complete the 2014 Gas System Improvement project. Upon completion of the project, a total of 22 new vertical gas extraction wells had been installed at the facility. A summary of the gas extraction wells installed and abandoned during 2014 is provided below.

Well ID	Location	Installation Date	Abandoned Well ID	Decommission Date
SEC2GW3A	Sector 2 Phase 6	07/09/14	SEC2GW03	07/29/14
SC2GW10B	Sector 2 Phase 1	06/20/14	SC2GW10A	07/31/14
--	--	--	SEC2GW11	01/02/14
SC2GW11B	Sector 2 Phase 1	06/10/14	S2GW11A	07/31/14
SC2GW14A	Sector 2 Phase 3	07/21/14	SEC2GW14	07/31/14
SC2GW15A	Sector 2 Phase 4	07/08/14	SEC2GW15	07/31/14
SC2GW16A	Sector 2 Phase 5	06/17/14	SEC2GW16	05/30/12
SEC2GW19	Sector 2 Phase 4	06/16/14	--	--
SC2GW22A	Sector 2 Phase 5	06/13/14	SEC2GW22	07/29/14
SC2GW23A	Sector 2 Phase 4	06/11/14	SEC2GW23	07/29/14
SC2GW26A	Sector 2 Phase 2	07/21/14	SEC2GW26	07/31/14
SC2GW27A	Sector 2 Phase 4	07/08/14	SEC2GW27	07/31/14
SC2GW28A	Sector 2 Phase 5	07/23/14	SEC2GW28	07/27/14
SC2GW29B	Sector 2 Phase 3	07/23/14	SC2GW29A	07/31/14
SEC2GW32	Sector 2 Phase 8	07/22/14	--	--
SEC2GW33	Sector 2 Phase 8	06/10/14	--	--
SEC2GW34	Sector 2 Phase 8	06/10/14	--	--
SC2GW36A	Sector 2 Phase 9	06/09/14	SEC2GW36	06/11/14
SC2GW40A	Sector 2 Phase 10	06/09/14	SEC2GW40	06/19/14
SC2GW43A	Sector 2 Phase 10	06/09/14	SEC2GW43	06/19/14
SEC2GW44	Sector 2 Phase 11	06/17/14	--	--
SEC2GW52	Sector 2 Phase 11	06/17/14	--	--
SC2GW61A	Sector 2 Phase 6	06/13/14	SEC2GW61	07/30/14
--	--	--	SEC2GW62	01/02/14

Details of the 2014 Gas System Improvement project including vertical gas well installations and the abandonment of vertical and horizontal gas collectors, and the installation of liquid extraction equipment was provided to the WDNR in the Construction Documentation Report 2014 LFG System Improvements, which was prepared by CQM, Inc. and dated January 30, 2015. A summary of the vertical gas extraction wells fitted with pneumatic pumps for liquid extraction during 2014 is provided below.

Gas Extraction Wells Fitted with Pneumatic Pumps for Liquid Extraction				
SEC2GW3A	SEC2GW13	SC2GW22A	SEC2GW31	SC2GW40A
SEC2GW5A	SC2GW14A	SC2GW23A	SEC2GW32	SC2GW43A
SEC2GW6A	SC2GW15A	SE2GW24A	SEC2GW33	SEC2GW44
SEC2GW7A	SC2GW16A	SE2GW25A	SEC2GW34	SEC2GW52
SEC2GW08	SEC2GW17	SC2GW26A	SEC2GW35	SC2GW61A
SEC2GW9A	SEC2GW18	SC2GW27A	SC2GW36A	
SC2GW10B	SEC2GW19	SC2GW28A	SEC2GW37	
SC2GW11B	SEC2GW20	SC2GW29B	SEC2GW38	
S2GEW12A	SEC2GW21	SEC2GW30	SEC2GW39	

Periodically during 2014, select vertical gas extraction wells or supplemental gas extraction points (i.e. leachate manholes, leachate cleanouts, and odor control points) exhibited operating conditions that exceeded those specified in the air permit. These conditions were related to declining gas quality and flow, watered out conditions, or blockage in the pipe. In several instances, these conditions could not be corrected within the timeframe allowed by the air operating permit and the facility had to perform corrective actions, which included abandonment of the supplemental gas extraction point, or the establishment of alternate operating conditions. Any instances in which a deviation occurred were reported to the WDNR Air Compliance Department and were subsequently resolved. The air operating permit wellfield deviations are summarized in **Attachment A-3**, Appendix A.

A summary of the abandonment approval and alternate operating condition approval issued by the WDNR during 2014 is provided below. Documentation of these approvals is provided with this report as **Attachment A-2**, Appendix A.

Approval Date	**Description**	**Affected Monitoring Points**
March 7 ,2014	Alternative Timeline Approval	S2P01OC6, S2P04OC3, S2P08OC4
April 29, 2014	Abandonment Approval	S2P04OC3
June 25, 2014	Abandonment Approval	S2P06LC2, S2P07LC1, S2P08LC2, S2P09LC1, S2P10LC2
October 10, 2014	Alternate Operating Condition Approval and Acknowledgment of Abandonment	Alternate Operating Conditions: SC2GW22A, SC2GW23A, SECSGW33, SC2GW36A, SEC2GW52, S2P01OC2, S2P08OC11 Abandonment: SEC2MH19
December 12, 2014	Abandonment Approval	S2P02OC2,S2P04OC1, S2P08OC3, S2P08OC12

The information required by this permit condition (i.e. 11.g.) was addressed in the semi-annual Air Pollution Control Operation Permit Semi-Annual Data Reports provided to the WDNR Air Management Bureau and also annually to the Bureau of Solid and Hazardous Waste Management with the submission of this annual report. The requirement to provide this data to the Bureau of Solid and Hazardous Waste Management on a quarterly basis was written when the approval was issued in July 1990, prior to the issuance of the facility's air operation permit.

Approval Reference
December 13, 1990
Facility Closure Documentation Approval and Plan Modification Approval, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

5. The annual reports, as originally required by the Department in the plan of operation approval shall be expanded to include all of the following:

a. Documentation of all site maintenance inspections and documentation of all maintenance work performed on the landfill over the past year.

Response
Maintenance, repairs, and improvements were conducted as needed during 2014 based visual observations, site personnel and consultant inspections. A summary of these activities and the dates that the work was conducted is provided in the Maintenance and Repairs Summary (**Attachment C-1**, Appendix C).

Monthly inspections were conducted in accordance with the facility's spill prevention plan. Quarterly inspections of the general site conditions, infiltration basins, and structural controls were conducted by site personnel in March, June, September, and December 2014. An Annual Facility Site Compliance Inspection Report was completed in September 2014. Additionally, visual inspections of the wellfield components and visual observations of the landfill cover areas are conducted monthly during the gas system monitoring events. Site inspections forms are provided in **Attachment C-2**, Appendix C. Maintenance or repairs conducted because of issues identified during the inspections and any routine maintenance performed in accordance with the facility's Malfunction Prevention and Abatement Plan were documented in the Maintenance and Repairs Summary (**Attachment C-1**, Appendix C).

There was also an annual inspection of the monitoring components performed in October 2014. Documentation is provided in the Monitoring Well, Gas Probe, Lysimeter, and Leachate Head Well Condition Report provided as **Attachment C-3,** Appendix C.

Approval Reference
December 13, 1990
Facility Closure Documentation Approval and Plan Modification Approval, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

5. The annual reports, as originally required by the Department in the plan of operation approval shall be expanded to include all of the following:

b. Summary of the groundwater monitoring results over the past year and a discussion of the need for any changes to the groundwater monitoring program.

Response
Groundwater monitoring was conducted at the facility in April and October 2014. A summary of the Sector 1 and Sector 2 groundwater monitoring results were provided to the Department on a semi-annual basis in the groundwater monitoring reports included as **Attachment D-1** in Appendix D. No modifications of the monitoring program were requested during 2014.

Approval Reference
December 13, 1990
Facility Closure Documentation Approval and Plan Modification Approval, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

5. The annual reports, as originally required by the Department in the plan of operation approval shall be expanded to include all of the following:

c. Summary of the leachate head elevations over the past year and any concern for head build up with in the landfill and the need for any changes to the leachate head monitoring program. Results of the head well assessment required by condition 14 of this approval.

14. Beginning in 1992 and every two years thereafter, the condition of all head wells shall be assessed. This procedure shall include measurements of well depth and comparison to installed depth, and a slug test. The results of these tests shall be included in the annual report.

Response
Head well monitoring is conducted annually at the head wells located in Sector 1 and monthly at the head wells located in Sector 2. The head well monitoring summaries for Sector 1 and Sector 2 are provided as **Table B-2** and **Table B-3**, respectively in Appendix B. Additional information regarding the leachate head well monitoring is provided below.

Sector 1 Leachate Head Well Monitoring:
The annual head well monitoring for Sector 1 was conducted in April 2014. A summary of the monitoring data is provided as **Table B-2** in Appendix B. Leachate head well LHW-3BR was damaged during a mowing event prior to 2014 and could not be monitored during the annual event in April. Leachate head well LHW-3BR was capped and was extended in August 2015. The annual monitoring at LHW-3BR resumed in 2015 after the repair was completed. Leachate head wells LHW-1A, LHW-2A, and LHW-5B were dry during the annual monitoring event. Leachate head wells LHW-1B, LHW-2B, LHW-3A, LHW-4A, LHW-4B, and LHW-6B had liquid levels that ranged from 1.2 ft. to 3.5 ft. Leachate head well LHW-5A and LHW-6A had liquid levels that measured 9.7 ft. and 6.1 ft., respectively. The head levels recorded during the annual event in 2014 were similar to those recorded in 2013.

Section NR 504.06(1) (a) of the Wisconsin Administrative Code requires that composite landfill liners constructed after July 1, 1996 be designed with leachate collection systems capable of limiting the average leachate head to one foot or less during operation and after closure of the landfill. Sector 1 of the facility was constructed prior July 1, 1996 and is therefore not subject to the one-foot requirement. However, the site continues to remove leachate from Sector 1 to minimize head levels.

Sector 1 Leachate Head Well Evaluation:
As required by Condition 14., an assessment of the condition of the Sector 1 head wells was conducted on September 10-11, 2014 by SEH, personnel. As part of the assessment, the total well depths and depth to liquid measurements were recorded at each head well, with the exception of LHW-3BR. This head well was damaged and could not be located by SEH during the evaluation. LHW-3BR was repaired during 2015. A comparison of the measured total depths and the installed well depths is provided in **Attachment B-2**, Appendix B. As indicated in Leachate Head Well Total Depth Evaluation summary, the measured total depths at each headwell are currently less than the total depths that were recorded at installation. This decrease in total depth is likely due in part to sediment build-up in the head wells, but is also likely a result of well repairs and adjustments made since installation. The top of well reference elevations recorded at installation were compared with the top of well reference elevations recorded after the most recent survey. This comparison indicates a decrease at all head wells. These elevation decreases range from 1.1 ft. to 3.6 ft. These decreases likely indicate adjustments made to the total depth of the head well after installation (i.e. cut down the PVC stick up due to settlement of the protective casing, etc.) as well as variations in survey instrument precision over time.

The measured differences in total well depth were evaluated after taking into account the change in reference elevation. The changes in total depth from installed depth to measured total depth ranged from negligible differences (i.e. ± 0.5 ft.) to - 1.3 ft. at the following head wells: LHW-1B, LHW-2B, LHW-4A, LHW-4B, LHW-5A, and LHW-5B. These differences in total depth may be due to settlement build-up, obstructions, and/or measurement precision. The

changes in total depth at head wells LHW-1A, LHW-2A, LHW-6A, and LHW-6B ranged from -3.8 ft. to -5.1 ft and LHW-3A indicated a difference of – 13.2 ft. These decreases in the total depth of the head well are likely due to collapsed well screens and/or obstructions. SEH's assessment notes provided in **Attachment B-2**, Appendix B include photo documentation, which indicates the presence of filter pack sand in several of these head wells.

SEH personnel attempted to perform slug tests at each head well that contained a significant volume of liquid to pump. Head wells LHW-1A, LHW-2A, and LHW-5B were dry or contained a limited volume of liquid; no additional evaluation was performed at these head wells. Head well LHW-6A was pumped dry and recovery was documented in the field notes provided in **Attachment B-2**, Appendix B. Attempts made to pump the remaining seven head wells with an inertia pump (waterra) were unsuccessful. Pumping attempts were impeded by a limited volume of liquid, obstructions that did not allow for the insertion of tubing, or sand in the head wells that prohibited the pump valve from seating properly. SEH also attempted to pump the head wells with electric submersible pumps, which was also unsuccessful due to obstructions and sand impeding the impellers. Attempts to remove liquid with bailers were unsuccessful because the bailers became lodged below grade. Details of the attempts are provided in the SEH Field Notes provided as **Attachment B-2**, Appendix B.

Sector 2 Leachate Head Well Monitoring:

The 2014 leachate head well monitoring results indicated sustained head levels greater than one foot at several of the leachate head well in Sector 2 (VLHW-1A, VLHW-2, VLHW-3, LHW-5A, LHW-6A, and LHW-7A. The headwell issues were resolved at (LHW-5A, LHW-6A, and LHW-7A) with the installation of new dedicated monitoring equipment during 2014; however, two of the vertical head wells continue to exhibit elevated head levels likely due to perched or trapped liquid. A discussion of the 2014 monitoring results at each head well location is provided below.

<u>VLHW-1A and VLHW-2A,</u>

It is suspected that the elevated liquid levels in the vertical leachate head wells VLHW-1A and VLHW-2A may not represent actual leachate depths and may be caused by liquid trapped in the head wells due to the construction or physical condition of the wells (e.g., fouling of the well screen) or may be a result of perched liquid in the waste mass. Liquid levels measured at VLHW-1A ranged from 9.53 ft. to 7.60 ft. during 2014. Liquid levels measured at VLHW-2A ranged from 6.53 ft. to 3.64 ft. during 2014.

The elevated heads in these leachate head wells may be further affected by measurement difficulties. Liquid within these head wells appear to foam making it difficult to determine where the actual liquid level is within the wells when measuring with a liquid tape. Also, the internal vacuum within the landfill will cause leachate to foam and rise inside the vertical wells, generating liquid levels which are higher than those within the landfill itself. We believe that the results of these head well readings should be considered erroneous and should not be included in the one-foot average

calculations. ADS-SMCL will conduct an evaluation of the Sector 2 vertical head wells during 2015. A summary of the evaluation will be provided in the 2015 Annual Report. If necessary, ADS-SMCL may request abandonment of these points if accurate readings cannot be obtained.

VLHW-3A

The head well readings for VLHW-3A were biased high due to incorrect measurements during much of 2014. Liquid level measurements made from January through August 2014 were consistently stopped at 52.0 ft. with no liquid present at that depth. Since measurements were not made to the full depth of the head well during these months, it cannot be determined what the actual liquid level measurement was during these monitoring events. As a result, the summary table provided in **Table B-3**, Appendix B indicates 6.68 ft. of head on the base for the months in which the head well measurements were made only to 52.0 ft. Beginning in September 2014, the head well measurements were made to the full depth and liquid levels were reported accordingly. No liquid was present at VLHW-3 from September through December 2014.

LHW-4A

Leachate head well LHW-4A was constructed across base elevations, which cause the head well to retain water at the low point. The inlet of this head well is set at 889.65 (ft. MSL) which is equivalent to 79.2 ft. from the top of casing down the side slope. Leachate elevations measured at LHW-4A from January through August 2014 were incorrectly performed. Leachate popper methods were performed and were consistently stopped at 77.54 ft. with no liquid present at that depth. Since the head well measurements were not measured to the full depth of 79.2 ft., it cannot be confirmed that LHW-4A was dry. As a result, the summary table provided in **Table B-2** indicates 0.53 ft. of head on the base for the monitoring performed from January through August 2014. Monitoring of LHW-4A beginning in September 2014 was measured to the correct depth. Liquid levels made from September through November 2014 indicated 0.01 ft. or 0.0 ft. of liquid in the head well. In December 2014, a bubbler system was installed in LHW-4A to replace the popper measurements. The December 2014 monitoring data also indicated 0.0 ft. of liquid in LHW-4A.

LHW-4B

Leachate head well LHW-4B consistently measured less than 1.0 ft. of liquid on base during 2014. The inlet of the head well is set at 897.53 (ft. MSL) which is equivalent to 53.5 ft. from the top of casing down the side slope. During 2014, leachate head well LHW-4B was measured by using a popper method from January through November 2014. Measurements indicated no liquid to depths that ranged from 71.74 ft. to 67.2 ft. from the top of casing at toe of side slope, which were beyond the inlet of the headwell. In December 2014, a bubbler system was installed in LHW-4B to replace the popper measurements. The December 2014 monitoring data also indicated 0.0 ft. of liquid in LHW-4B.

LHW-5A, LHW-6A, LHW-7A

Liquid levels were measured at head wells LHW-5A, LHW-6A, and LHW-7A from January through November 2014 by means of pressure transducers. The 2014 transducer monitoring data indicates sustained liquid levels greater than one foot during these months. The transducer readings at these locations indicate the presence of 1.13 ft. to 5.0 ft. of leachate on the south end of Phases 5, 6, and 7 from January through November 2014. In December 2014, the transducers were removed and a bubbler system was installed at the same elevations as the as-built head well inlet elevations. The measurements recorded with the bubbler system indicated 0.0 ft. to 0.1 ft. of liquid in head wells LHW-5A, LHW-6A, and LHW-7A in December 2014.

ADS believes that the transducers may have been impacted by the vacuum within the landfill or were not installed correctly. We believe that the results of these transducer readings recorded from January through November 2014 should be considered erroneous and should not be included in the one-foot average calculations. The bubbler system should provide for more consistent head well readings without being impacted by vacuum within the landfill. All head well readings recorded at LHW-5A, LHW-6A, and LHW-7A beginning in December 2014 through 2015 to date were less than one-foot.

LHW-5B

Leachate head well LHW-5B consistently measured 0.0 ft. of liquid on base from January through October 2014. The inlet of the head well is set at 895.88 (ft. MSL) which is equivalent to 104.3 ft. from the top of casing down the side slope. From January through October 2014, leachate head well LHW-5B was measured by using a popper to depths of 132.54 ft. or more from the top of casing at toe of side slope, which went beyond the inlet of the head well elevation. In October 2014, a bubbler system was installed in LHW-5B to replace the popper measurements. Liquid levels recorded by means of the bubbler system ranged from 0.53 ft. to 0.3 ft. from October through December 2014.

LHW-6B

Leachate head well LHW-6B measured 0.0 ft. of liquid on base throughout 2014. The inlet of the head well is set at 893.07 (ft. MSL) which is equivalent to 118.3 ft. from the top of casing down the side slope. From January through October 2014, leachate head well LHW-6B was measured by using a popper method to depths of approximately 136.54 ft. or more from the top of casing at the toe of the side slope, which went beyond the inlet of the head well. In October 2014, a bubbler system was installed in LHW-6B to replace the popper measurements. Liquid levels recorded by means of the bubbler system indicated 0.0 ft. of liquid from October through December 2014.

LHW-7B

Liquid levels at LHW-7B ranged from 0.0 ft. to 1.37 ft. of liquid throughout the year. The inlet of the head well is set at 888.59 (ft. MSL) which is equivalent to 144.7 ft. from the top of casing down the side slope. Measurements made by means of a popper method from January through October 2014 indicated liquid levels ranging from 0.02 ft. to 0.70 ft. of liquid. In October 2014, a bubbler system was installed in LHW-7B to replace the popper measurements. Liquid levels recorded by means of the bubbler system indicated 0.0 ft. to 0.4 ft. of liquid from October through December 2014.

LHW-8

Liquid level measurements made at leachate head well LHW-8 indicated 0.0 ft. to 0.01 ft. of liquid on base throughout 2014. The inlet of the head well is set at 901.1 (ft. MSL) which is equivalent to 62.4 ft. from the top of casing down the side slope. Throughout 2014, leachate head well LHW-8 was measured by popper method. Measurements made during most of 2014 were made to lengths beyond the inlet of the head well, which further confirms the 0.0 ft. of liquid. In March 2015, a bubbler system was installed in LHW-8 to replace the popper measurements.

LHW-9

Leachate head well LHW-9 showed 0.0 ft. of liquid on base throughout 2014. The inlet of the head well is set at 906.67 ft. MSL, which is equivalent to 58.8 ft. from the top of casing down the side slope. Throughout 2014, leachate head well LHW-9 was measured by popper method. Measurements made during much of 2014 were made to lengths beyond the inlet of the head well, which further confirms the 0.0 ft. of liquid. In March 2015, a bubbler system was installed in LHW-9 to replace the popper measurements.

LHW-10A

Liquid level measurements made at leachate head well LHW-10A indicated 0.0 ft. to 0.13 ft. of liquid on base throughout 2014. The inlet of the head well is set at 911.76 (ft. MSL) which is equivalent to 54.4 ft. from the top of casing down the side slope. Throughout 2014, leachate head well LHW-10A was measured by popper method. Measurements made during much of 2014 were made to lengths beyond the inlet of the head well, which further confirms the 0.0 ft. of liquid. In March 2015, a bubbler system was installed in LHW-10A to replace the popper measurements.

LHW-10B

Leachate head well LHW-10B measured 0.0 ft. of liquid throughout 2014. The inlet of the head well is set at 916.52(ft. MSL) which is equivalent to 46.2 ft. from the top of casing down the side slope. Throughout 2014, leachate head well LHW-10B was measured by popper method. Measurements made during much of 2014 were made to lengths beyond the inlet of the head well, which further confirms the 0.0 ft. of liquid. A bubbler system was installed in LHW-10B in March 2015 to replace the popper measurements.

LHW-11

Liquid level measurements made at LHW-11 from January through April 2014 by means of the popper method were measured as 0.0 ft. The inlet of leachate head well LHW-11 is set at 892.50 ft. MSL which is equivalent to 101.1 ft. from the top of casing down the side slope. The January through April 2014 measurements were made to lengths beyond the inlet of the head well, which further confirms the 0.0 ft. of liquid. Leachate head level measurements made from May through October 2014 were performed incorrectly. The popper method was performed, but the popper was consistently stopped at a length less than 101.1 ft. Because the readings were not measured to the correct depth, it cannot be determined what the actual liquid level was during the monitoring events. The summary table provided as **Table B-2**, Appendix B indicates a range of 0.21 ft. to 2.51 ft. of head on base depending on the length of the measurement during the monitoring event. In October 2014, a bubbler system was installed in LHW-11 to replace the popper measurements. Liquid levels recorded by means of the bubbler system indicated 0.0 ft. to 0.34 ft. of liquid from October through December 2014.

LHW-12

Leachate head well LHW-12 was installed at the facility in April 2014. Liquid level measurements made at leachate head well LHW-12 from April through October 2014 by the popper method indicated 0.0 ft. to 0.05 ft. of liquid on base. The inlet of the head well is set at 895.61 (ft. MSL) which is equivalent to 117.91 ft. from the top of casing down the side slope. Several of the popper method measurements were made to lengths beyond the inlet of the head well. In December 2014, a bubbler system was installed in LHW-12 to replace the popper measurements. The December 2014 monitoring data also indicated 0.0 ft. of liquid in LHW-12.

It is suspected that the elevated leachate heads in Sector 2 may be due in part to perched liquid in the waste mass or trapped in the vertical head wells (VLHW-1 and VLHW-2), incorrect head well measurements (VLHW-3, LHW-4, and LHW-11), and faulty transducers or erroneous transducer measurements due to vacuum within the waste mass (LHW-5A, LHW-6A, and LHW-7A). The installation of the bubbler system has provided for a more accurate and more consistent method of measuring leachate head levels.

A summary of the head well measurements is provided below. Throughout 2014, the average liquid level on the liner in Sector 2 was less than one foot when disregarding what are believed to be erroneous readings. As indicated above, the liquid levels in vertical head well VLHW-1A and VLHW-2A and the transducer readings (LHW-5A, LHW-6A, and LHW-7A) are likely erroneous and were therefore not included in the average liquid level calculation.

Sector 2
2014 Leachate Head Well Measurements
Depth of Liquid (ft.)

LHW ID:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
VLHW-1A	9.47	9.45	9.53	8.43	8.20	8.12	7.95	7.64	7.64	7.60	7.58	7.60
VLHW-2A	3.67	3.64	3.79	5.70	6.53	6.50	6.21	5.26	5.25	5.15	5.30	5.27
VLHW-3A	***6.68***	***6.68***	***6.68***	***6.68***	***6.68***	***6.68***	***6.68***	***6.68***	0.0	0.0	0.0	0.0
LHW-4A	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.01	0.0	0.0	0.0
LHW-4B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LHW-5A	3.57	2.88	2.88	2.88	2.88	2.88	1.52	2.88	2.88	2.88	2.88	0.0
LHW-6A	1.24	1.33	1.22	1.13	1.24	2.88	2.70	2.88	2.88	2.88	2.88	0.0
LHW-7A	2.88	3.57	3.57	3.59	3.57	3.59	3.69	3.73	4.05	4.31	5.00	0.1
LHW-5B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.50	0.28	0.53
LHW-6B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LHW-7B	0.02	0.27	0.27	0.70	0.27	0.07	0.07	0.27	0.27	0.0	0.0	0.37
LHW-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0
LHW-9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.0
LHW-10A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.0	0.0	0.0
LHW-10B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LHW-11	0.0	0.0	0.0	0.0	***1.74***	0.47	0.47	0.47	0.21	0.0	0.34	0.0
LHW-12	--	--	--	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.0
Average:	0.66	0.68	0.68	0.66	0.77	0.65	0.65	0.66	0.06	0.04	0.05	0.07

Notes:

- Shaded head wells readings were not included in the calculation of the average head level across the site.
- ***Bold italic*** font indicates head well measurements greater than 1.0 ft.
- Depth to liquid measurements recorded at VLHW-3A and LHW-4A from January through August 2014 and popper measurements recorded at LHW-11 from May through September 2014 were not made to the full depth. The liquid levels calculated for these months may be biased high. Since the actual liquid levels cannot be determined, these biased high readings were included in the average liquid level for 2014.

During 2014, ADS continued to haul leachate off-site and no leachate was recirculated at the facility. As part of the LFG Improvement Plan conducted during 2014, ADS installed liquid extraction pumps in a number of gas extraction wells to improve gas collection. The facility currently has pumps installed in 40 gas extraction wells. These pumps will also supplement the leachate extraction system at the facility. Additionally, the facility installed a temporary rain tarp to prevent additional stormwater infiltration.

Approval Reference
December 13, 1990
Facility Closure Documentation Approval and Plan Modification Approval, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

5. The annual reports, as originally required by the Department in the plan of operation approval shall be expanded to include all of the following:

d. Summary of the leachate quantity and quality over the past year.

Response
A summary of the leachate volumes pumped from Sector 1 and Sector 2 during 2014 are provided at **Table B-1** in Appendix B. Leachate quality results for the samples collected from Sector 1 and Sector 2 are summarized in **Attachment B-1**, Appendix B.

Approval Reference
December 13, 1990
Facility Closure Documentation Approval and Plan Modification Approval, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

5. The annual reports, as originally required by the Department in the plan of operation approval shall be expanded to include all of the following:

e. Summary of leachate line cleaning over the past year.

Response
The Sector 1 and Sector 2 leachate lines were cleaned by Superior Jetting during 2014. Documentation of the line jetting is provided in **Attachment C-4,** Appendix C.

Superior Jetting conducted the annual line jetting at Sector 1 and Sector 2 on June 23-27, 2014. Notes indicate that several manholes or cleanouts could not be located. These locations were removed for Phase 11 and Phase 12 cell construction or were abandoned in accordance with the gas improvement project.

Superior Jetting personnel returned to the facility on August 4-7, 2014 to conduct additional jetting of select manholes located on the south side of Sector 2. Additionally, during the August 2014 event, Superior Jetting personnel vacuumed cleaned the manholes located on the south side of Sector 1 and the Sector 1 and Sector 2 leachate storage tanks. Documentation of the jetting and cleaning performed by Superior Jetting during 2014 is provided as **Attachment C-4**, Appendix C.

Approval Reference
December 13, 1990
Facility Closure Documentation Approval and Plan Modification Approval, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

5. The annual reports, as originally required by the Department in the plan of operation approval shall be expanded to include all of the following:

f. Summary of gas probe monitoring and the active gas extraction system operations over the past year.

Response
The Sector 1 gas probes are required to be monitored annually in April. The Sector 2 gas probes are required to be monitored quarterly in January, April, July, and October. Due to a miscommunication regarding a change in consultant and site responsibilities, no April gas probe monitoring was performed in 2014. Gas probe monitoring was conducted at the Sector 1 and Sector 2 gas probes in January, July, and October 2014. Methane was not detected in any of the Sector 1 or Sector 2 gas probes during the monitoring events conducted during 2014. Although an April gas probe monitoring event did not occur, based on historical evaluation as well as subsequent non detections, there is a high confidence level that the April 2014 Sector 1 and Sector 2 readings would not have deviated from the normal trend. Gas probe monitoring data is provided as **Attachment A-4**, Appendix A.

A summary of the active gas extraction system operation was provided above in response to Approval Condition 11.g of the July 30, 1990 Modification to the Plan of Operation Approval.

Approval Reference
December 13, 1990
Facility Closure Documentation Approval and Plan Modification Approval, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

5. The annual reports, as originally required by the Department in the plan of operation approval shall be expanded to include all of the following:

g. Narrative of the general overall status of the landfill and any problems or concerns with the landfill.

Response
During a WDNR air audit in August 2013, a number of gas extraction system operational issues were identified. These issues were corrected during 2013, if possible; issues that could not be corrected during the 2013 calendar year were addressed during 2014 Landfill Gas System

Improvement Plan. Additional improvements were conducted as needed in order to operate the gas extraction system efficiently and to maintain compliance with the facility air permit.

Elevated leachate head levels were reported in Sector 2 of the facility during 2014. It is suspected that the elevated leachate heads may be due in part to liquid trapped in the vertical head wells, faulty transducers, or incorrect popper measurements. Additional information was provided above in response to Condition 5.c. of the December 13, 1990 Approval.

Facility inspections were performed throughout 2014; repairs and maintenance were conducted as needed. Any operational issues were addressed in a timely manner.

Approval Reference
October 6, 1993
Construction Documentation Approval for the Active Gas Extraction System at the Closed Eau Claire County Seven Mile Creek Sector 1 Landfill.

4. The annual report shall include the following additional information regarding the operation, maintenance, and monitoring of the gas extraction system over the previous year:

a. Summary of the gas probe monitoring with all exceedances of 25% of the lower explosive limit (LEL) included in a table format.

Response
The Sector 1 gas probes are required to be monitored annually in April. The Sector 2 gas probes are required to be monitored quarterly in January, April, July, and October. Due to a miscommunication regarding a change in consultant and site responsibilities, no April gas probe monitoring was performed in 2014. Gas probe monitoring was conducted at the Sector 1 and Sector 2 gas probes in January, July, and October 2014. No methane was detected in any of the gas probes during 2014.

Approval Reference
October 6, 1993
Construction Documentation Approval for the Active Gas Extraction System at the Closed Eau Claire County Seven Mile Creek Sector 1 Landfill.

4. The annual report shall include the following additional information regarding the operation, maintenance, and monitoring of the gas extraction system over the previous year:

b. Summary of the gas extraction system monitoring including the completed forms included in the appendix C of the O & M manual.

Response
Gas extraction system monitoring data is provided with this report as **Attachment A-1**, Appendix A. Beginning in 2013, Advanced Disposal Services implemented a gas extraction system monitoring database. The database acts as a primary location to maintain facility data records for gas extraction system monitoring required by the solid waste permit, the facility air permit, and greenhouse gas reporting requirements. The database is also used by ADS-SMCL personnel as a tool for tracking required monitoring data and exceedances of the air operating permit requirements. The gas extraction system monitoring data provided with this report incorporates the information contained in forms provided in the O & M manual.

Approval Reference
October 6, 1993
Construction Documentation Approval for the Active Gas Extraction System at the Closed Eau Claire County Seven Mile Creek Sector 1 Landfill.

4. The annual report shall include the following additional information regarding the operation, maintenance, and monitoring of the gas extraction system over the previous year:

c. Summary of the gas extraction system operation and maintenance, indicating all down time, problems, etc., and proposed solutions, and an estimate of condensate extracted from the system.

Response
A summary of the gas extraction system operation and maintenance including downtimes, problems, and solutions was included previously in response to Approval Condition 11.g of the July 30, 1990 Modification to the Plan of Operation Approval.

The gas condensate generated at the facility is disposed of in the leachate collection system by means of a gravity drain system. Gas condensate volumes generated are included in the total leachate volume produced at the facility. The facility does not have a means of monitoring the volume of gas condensate produced and therefore cannot provide an estimate of gas condensate extracted from the system.

Approval Reference
April 24, 1998
Plan of Operation Modification for Alternate Daily Cover Materials, Special Waste Plan Approval and Revisions to the Liner, Leachate Collection System, Active Gas Extraction System and Cap for Superior Seven Mile Creek Sanitary Landfill Sector 2, Eau Claire County, License No. 3097

3. A summary of the performance of the paper mill sludge, shredder fluff, foundry sand and street sweepings being used as alternative daily cover shall be included in the annual report. The following items shall be addressed as part of the report:

a. Volume and tonnage of paper mill sludge, shredder fluff, foundry sand and street sweepings delivered to the landfill and tonnages utilized for daily cover.

Response
During 2014, the facility accepted shredder fluff, foundry sand and street sweepings for use as daily cover. The tonnages accepted at the facility and tonnages used for daily cover are summarized below.

Material (Waste Category)	2014 Tonnage Accepted	2014 Tonnage used for Daily Cover
Paper Mill Sludge (S1-13A/IC)	3,621.71	0.00
Shredder Fluff (X9)	46,580.58	46,580.58
Foundry Sand (S2, XP)	163.39	163.39
Street Sweepings (XU, XV)	864.27	864.27

The paper mill sludge accepted at the facility during 2014 was different than the paper mill sludge included in the April 24, 1998 approval and was therefore not used for alternate daily cover.

Approval Reference
April 24, 1998
Plan of Operation Modification for Alternate Daily Cover Materials, Special Waste Plan Approval and Revisions to the Liner, Leachate Collection System, Active Gas Extraction System and Cap for Superior Seven Mile Creek Sanitary Landfill Sector 2, Eau Claire County, License No. 3097

3. A summary of the performance of the paper mill sludge, shredder fluff, foundry sand and street sweepings being used as alternative daily cover shall be included in the annual report. The following items shall be addressed as part of the report:

b. Performance and usage of paper mill sludge, shredder fluff, foundry sand and street sweepings in differing weather conditions and seasons.

Response
Paper mill sludge was not used as alternate daily cover during 2014.

Notable variances have been observed with shredder fluff in differing weather conditions. The shredder fluff generates dust in very dry conditions. The fluff must then be watered down to control the dust. During wet times of year, the absorptive properties of the shredder fluff keeps the landfill accessible for truck traffic and reduces the need to lay down clean road rock.

Performance and usages of foundry sand and street sweepings as alternate daily cover did not vary with differing weather conditions and the performance of all materials used met the requirements for alternate daily cover.

Approval Reference
April 24, 1998
Plan of Operation Modification for Alternate Daily Cover Materials, Special Waste Plan Approval and Revisions to the Liner, Leachate Collection System, Active Gas Extraction System and Cap for Superior Seven Mile Creek Sanitary Landfill Sector 2, Eau Claire County, License No. 3097

3. A summary of the performance of the paper mill sludge, shredder fluff, foundry sand and street sweepings being used as alternative daily cover shall be included in the annual report. The following items shall be addressed as part of the report:

c. Physical properties and handling characteristics of paper mill sludge, shredder fluff, foundry sand and street sweepings used as daily cover.

Response
Paper mill sludge was not used as alternate daily cover during 2014.

Shredder fluff is typically comprised of the nonmetallic content of automobile materials and varies in size and density. Foundry sand varies in color and granular quality. It spreads easily with a wide track dozer and provides for adequate daily cover. Street sweepings typically consist of medium to coarse-grained sand with residual waste and leaves that are swept off the street. It spreads easily with a dozer and provides for adequate daily cover.

Approval Reference
April 24, 1998
Plan of Operation Modification for Alternate Daily Cover Materials, Special Waste Plan Approval and Revisions to the Liner, Leachate Collection System, Active Gas Extraction System and Cap for Superior Seven Mile Creek Sanitary Landfill Sector 2, Eau Claire County, License No. 3097

3. A summary of the performance of the paper mill sludge, shredder fluff, foundry sand and street sweepings being used as alternative daily cover shall be included in the annual report. The following items shall be addressed as part of the report:

d. Problems encountered or adaptations incorporated into procedures used with paper mill sludge, shredder fluff, foundry sand and street sweepings as daily cover.

Response
No paper mill sludge was used for alternate daily cover during 2014. The only problems encountered with alternate daily cover involve the auto shredder fluff. The larger foam chunks have a tendency to be tracked away from the fill area and have to be manually collected on a regular basis and re-deposited in the fill areas. The shredder fluff also generates dust in very dry conditions. In order to control the dust, the facility has incorporated procedures to water down the fluff to eliminate the dust. There were no problems encountered with the foundry sands or street sweepings during 2014.

Approval Reference
April 24, 1998
Plan of Operation Modification for Alternate Daily Cover Materials, Special Waste Plan Approval and Revisions to the Liner, Leachate Collection System, Active Gas Extraction System and Cap for Superior Seven Mile Creek Sanitary Landfill Sector 2, Eau Claire County, License No. 3097

3. A summary of the performance of the paper mill sludge, shredder fluff, foundry sand and street sweepings being used as alternative daily cover shall be included in the annual report. The following items shall be addressed as part of the report:

e. Analytical data generated by quarterly and annual testing of the paper mill sludge, shredder fluff, foundry sand and street sweepings.

Response
The testing requirements for shredder fluff include in the April 24, 1998 Plan of Operation Modification were revised with the issuance of subsequent approval. The facility is currently

conducting shredder fluff analyses in accordance with the April 19, 2005 Conditional Plan of Operation for the Proposed Horizontal and Vertical Expansion. Additional information regarding laboratory analysis of shredder fluff is provided below in response to Approval Condition 34 of the April 19, 2005 Conditional Plan of Operation.

Analytical requirements for paper mill sludge, foundry sand, and street sweepings are discussed in the following sections.

Approval Reference
April 24, 1998
Plan of Operation Modification for Alternate Daily Cover Materials, Special Waste Plan Approval and Revisions to the Liner, Leachate Collection System, Active Gas Extraction System and Cap for Superior Seven Mile Creek Sanitary Landfill Sector 2, Eau Claire County, License No. 3097

2. Superior Seven Mile Creek shall ensure that the foundry sand from Winona, Minnesota and the street sweepings from the City of Eau Claire meet the following criteria:

f. On an annual basis a grain size distribution analysis to the #200 sieve shall be performed with the results included in the annual report.

Response
An annual grain size distribution analysis was performed on the foundry sand and street sweepings during 2014. The summary reports are provided as **Attachment F-1**, Appendix F.

Approval Reference
April 24, 1998
Plan of Operation Modification for Alternate Daily Cover Materials, Special Waste Plan Approval and Revisions to the Liner, Leachate Collection System, Active Gas Extraction System and Cap for Superior Seven Mile Creek Sanitary Landfill Sector 2, Eau Claire County, License No. 3097

8. Superior Seven Mile Creek Landfill shall monitor the paper mill sludge for solids content quarterly and include the results in the annual report.

Response
Paper mill sludge was not used for ADC at the facility during 2014. No quarterly solids content analysis was required.

Approval Reference
April 19, 2005
Conditional Plan of Operation for the Proposed Horizontal and Vertical Expansion of the Onyx Seven Mile Creek Sector 2 Landfill, License # 3097

34. Condition 19 of the Departments May 21, 2002 Plan of Operation Approval is rescinded and replaced by the following:

Shredder fluff is approved for use as alternative daily cover. Shredder fluff shall be sampled and tested as follows below. The results of all testing shall be submitted to the Department annually except in accordance with paragraph b (below), when more frequent reporting is required. The sampling collection dates and times shall be included with the submittal. Testing shall be performed on a quarterly basis if more than 10,000 tons of fluff per year is accepted from a producer, otherwise testing shall be performed on a semi-annual basis.

a. Ten samples of each source of shredder fluff shall be collected over a five-day period. Each sample shall be obtained by removing a shovel full of fluff from the conveyor once an hour for a four-hour period in the morning and then again for another four-hour period in the afternoon. Each day's sampling shall be composited into a single sample. The resulting daily sample shall be coned and quartered until 10 gallons of fluff remain. Each 10-gallon sample shall be coned and quartered into two five-gallon samples. The samples shall be stored in sealed containers made of inert material until they are analyzed in a laboratory. The 10 resultant five-gallon samples shall then be tested as outlined in (b) through (d) below.

Three samples from each source of shredder fluff shall be randomly selected and analyzed at a lab for lead, cadmium and mercury using the Toxicity Characteristic Leaching Procedure (TCLP) testing method and for PCB's using a total elemental extraction test method referenced in 40 CFR Part 761.358. If all three samples test below the regulatory limit, then the simple arithmetic mean for the three samples shall be reported as one test result. If any of the three samples tests above the regulatory limit for any parameter, then the remaining seven samples as referenced in a. above shall be tested for the exceeded parameter and the simple arithmetic mean for the ten samples shall be reported as one test result. A rolling average shall then be used to determine the regulatory status of the shredder fluff. The rolling average shall be based upon the five most recent test values for the above parameters. The oldest test values shall be dropped from the average as each new value is added. Shredder fluff from an individual auto shredder shall not be accepted at the landfill if their rolling average exceeds 80% of the regulatory limit for a parameter listed below.

b. Regulatory Limits

TCLP		**Solids analysis**
Lead	**5.0 mg/l**	**PCB's 50 mg/kg**
Cadmium	**1.0 mg/l**	
Mercury	**0.2 mg/l**	

If an individual sampling event (arithmetic mean for ten samples) exceeds a regulatory limit for any parameter, an additional sampling event in accordance with paragraph a., above, shall immediately be performed and the samples shall be analyzed for the exceeded parameter in accordance with paragraph b., above. Results shall be submitted to the Department within 30 days of the testing.

c. On an annual basis, one sample of shredder fluff from each source shall be subject to the ASTM D 3987-85 water leach test and the leaching fluid shall be analyzed for dissolved PCB's using an analytical method with a level of detection <10 microgram per liter.

d. Beginning the year after OSMCL receives more than 10,000 tons of shredder fluff from a specific source and every five years thereafter, each source of shredder fluff accepted at the landfill that on average exceeded 10,000 tons per year acceptance rate shall be tested for an extended list of contaminants, including fire retardants, hydrocarbons, BTEXs and physical properties. A proposal for testing shall be submitted to the Department for concurrence at least 60 days prior to the testing.

Response

The facility received more than 10,000 tons of shredder fluff from a producer during 2014. In accordance with this approval, quarterly samples were collected and analyzed as required by conditions a., b., and c. above. Laboratory analyses are provided with this report in **Attachment F-2**, Appendix F.

The five year extended analysis required by condition d. was conducted during 2013 and was therefore not required in 2014. The next five-year analysis will be performed in 2018.

Approval Reference
April 19, 2005
Conditional Plan of Operation for the Proposed Horizontal and Vertical Expansion of the Onyx Seven Mile Creek Sector 2 Landfill, License # 3097

14. The condition of the exposed geosynthetics in the areas of final cover removal shall be noted and reported to the Department annually while final cover removal is ongoing. The results of the observations shall be utilized in the selection of geosynthetics for construction of future final cover phases. The observations shall include:

a. Impacts of sediment and clogging on the flow capacity of the geocomposite drain layer.
b. Damage, penetrations, or tensile stress on the geomembrane.
c. Changes to the hydraulic conductivity of the geosynthetic clay liner and any signs of panel separation.

Response
Dr. Craig Benson of the University of Wisconsin, Department of Engineering conducted the evaluation on the geosynthetic components of the final cap on June 15, 2007. The evaluation report was provided to the WDNR in July 2008. No additional action is required for this permit condition.

Approval Reference
July 19, 2007
Approval of Organic Stability Plan, Modification to the Plan of Operation Approval, Veolia Seven Mile Creek Landfill, Eau Claire County, License No. 3097

Reporting
Annual progress reports shall be prepared in accordance with NR 514.07(9)(d), Wis. Adm. Code. Annual reports shall include an evaluation of needed plan revisions to correct problems, opportunities for increased efficiencies or changes to the contingency plan as the state of the art changes. Every five years, Veolia shall examine the approved plan's progress in achieving the goals and the need to implement the contingency plan. A report describing the evaluation and conclusions shall be submitted to the Department as part of the annual progress report. The Department may require the implementation of some or all of the methods itemized in the contingency plan if the report or the Department's independent conclusions determined that the landfill has not made adequate progress toward achieving the established goals.

Response
The annual progress report required by this permit condition is provided with this solid waste annual report in the SCS Engineers Technical Memorandum included as **Attachment E-1**, Appendix E.

Approval Reference
July 17, 2007
Research, Development and Demonstration (RD&D) Plan, Modification to the Plan of Operation Approval, Veolia Seven Mile Creek Landfill, Eau Claire County, License No. 3097

Reporting:
Annual updates related to the RD&D plan will be included in the Annual Report. A final report will be prepared at the end of the testing period. The reports will assess the attainment of goals proposed for the process, recommend changes, recommend any additional work, and summarize problems and their resolution. Reports will include a summary of all monitoring data, testing data and observations of process or effects and will include a summary of all monitoring data, testing data and observations of process or effects and will include recommendations for continuance or termination of the process.

Response
The RD&D Plan was issued on July 17, 2007 and was renewed on November 29, 2010. The second renewal was issued on December 9, 2013. There were no modifications to the reporting conditions included in the subsequent renewals. The annual updates required by this permit condition are provided with this solid waste annual report in the SCS Engineers Technical Memorandum included as **Attachment E-2**, Appendix E.

Approval Reference
July 17, 2007
Research, Development and Demonstration (RD&D) Plan, Modification to the Plan of Operation Approval, Veolia Seven Mile Creek Landfill, Eau Claire County, License No. 3097

6. Annual and final reports for the RD&D plan shall comply with the following as well as the requirements of s.NR514.10(1)(f), Wis.Adm.Code:
- ***a. Annual and final reports may be submitted with the annual report and in accordance with the approved deadline date for the annual report for VSMCL,***
- ***b. Waste samples shall be obtained from either borings for gas extraction well or dedicated borings to define shear strength parameters of decomposed waste that will be used in geotechnical stability analysis required by s.NR514.10(2)(h), Wis.Adm.Code. The geotechnical stability analysis shall be submitted as part of the final 3 year report.***

Response

The annual report required by this permit condition is provided with this solid waste annual report in the SCS Engineers Technical Memorandum included as **Attachment E-2**, Appendix E. It is anticipated that the final report will be issued after the expiration of the third consecutive RD&D renewal.

3.0 COMPOSTABLE MATERIAL FACILITY OPERATIONS

Approval Reference
February 22, 2013
Approval for a Source-Separated Compostable Material Facility, Total Volume of Less than 5,000 Cubic Yards, Advanced Disposal Services, 8001 Olson Drive - Eau Claire, WI 54703, Eau Claire County

Recordkeeping and Reporting

4. Compost pile turning frequency and temperature readings as appropriate to the composting method shall be documented and maintained to demonstrate pathogen reduction and odor control activities. If the facility plans to produce Class A compost the compost shall meet the requirements of NR 502.12(16)(a),(b),(c) and (d). Records shall be made available to the Department upon request or during site inspections during normal business hours.

Response
Compost pile turning frequency and temperature readings are documented on the Compost Facility Field Monitoring Form. An example form is provided as **Attachment G-1**, Appendix G. The records are retained on site and shall be made available to the Department upon request as required by this permit condition.

The facility took part in a pilot program coordinated by the WDNR, which began in 2012. The WDNR issued a formal approval of the source-separated compost facility with the February 22, 2013 approval.

During 2014, compost was processed by the windrow method specified in condition NR 502.12(16)(b)1. The Compost Facility Field Monitoring Form and Maintenance Documents retained on site provide record of the operation. The compost met condition (16)(a) which requires that the compost be composed entirely of source-separated compostable materials. The facility did not sell, distribute, or use any compost processed during 2014.

The facility has a permitted capacity of less than 5,000 cubic yards, as such, it is except from conditions NR 502.12(16)(c) and (d).

Approval Reference
February 22, 2013
Approval for a Source-Separated Compostable Material Facility, Total Volume of Less than 5,000 Cubic Yards, Advanced Disposal Services, 8001 Olson Drive - Eau Claire, WI 54703, Eau Claire County

Recordkeeping and Reporting

5. A summary of information listed in NR 502.12(15)(b)3 and 4 shall be submitted each year on the annual license renewal form supplied by the Department.

Response

The information required by NR502.12 (15) 3. and 4. is listed below.

NR502.12 (15)

3. Annual quantities and types of raw materials received and compost produced, in tons. Tonnage estimates may be based on volume records where scale weights are not available.
4. Annual quantity of compost sold, distributed or used, in tons, and quantity of class A compost sold, distributed or used.

The source separated compostable material received at the facility during 2014 totaled 1,133.93 tons of food scraps. The facility did not sell, distribute, or use any compost processed during 2014.

The license renewal form dated May 9, 2014 (**Attachment G-2**, Appendix G) contained information for 2013, as specified on the form, and was also provided in the 2013 annual report. Since the period of the current license is October 1, 2014 through September 30, 2015, the WDNR did not issue an additional license renewal application form to the facility. Tonnages for 2014 have been provided with the annual report to fulfill the requirements of NR502.12 (15) 3. and 4.

Appendix A

Gas Extraction System Monitoring Data

Appendix A

Tables

Table A-1: Gas Volume Summary

Table A-2: Downtime Summary

Table A-1

Advanced Disposal Services
Seven Mile Creek Landfill
2014 Gas Volume Summary

Mon-Yr	DPC Flow Monthly Avg. (cfm) #	Flare Flow Monthly Avg. (cfm) #	LFG Total Flow Monthly Avg. (cfm) #	Flare Temperature (deg. F) #	Total DPC Gas Volume ($ft.^3$):	Total Flared Gas Volume ($ft.^3$):
Jan-14	295	1,213	1,413	913	8,923,835	54,150,118
Feb-14	261	1,148	1,366	880	8,770,099	46,109,213
Mar-14	458	1,252	1,393	891	6,263,045	55,723,372
Apr-14	415	1,005	1,374	887	14,998,115	40,748,190
May-14	478	1,010	1,385	1,000	16,323,076	44,010,739
Jun-14	401	1,007	1,388	1,103	16,433,176	43,409,736
Jul-14	374	1,046	1,375	923	14,563,154	46,326,178
Aug-14	312	1,195	1,437	871	10,693,764	52,735,219
Sep-14	345	1,161	1,449	873	12,363,115	49,818,743
Oct-14	488	1,081	1,551	881	20,914,132	48,147,099
Nov-14	486	1,071	1,553	891	20,785,795	46,241,310
Dec-14	388	1,167	1,541	882	16,259,909	50,709,945
Avg:	392	1,113	1,435	916	--	--
					2014 Total DPC Gas Volume (ft3):	**167,291,214**
					2014 Total Flared Gas Volume (ft3):	**578,129,862**

Note:
Gas volumes were obtained from the monthly scada data reports prepared by ESC. The average monthly flows were calculated based on the flow data provided in the monthly scada reports.
- The flows and flare temperatures represent monthly averages during operation.

Checked By: IP (ESC)
Date: 1/15/15

Table A-2

Seven Mile Creek Landfill
Downtime Summary
Blower/Flare System

Mon-Yr	Date/Time Start Downtime	Date/Time End Downtime	Total Hours	Cause of Downtime
Jan-14	--	--	--	No downtime
		January Downtime:	**0.00**	
Feb-14	2/20/2014 21:15	2/20/2014 23:30	2.25	Power outage due to winter storm
	2/25/2014 10:45	2/25/2014 11:00	0.25	Manual shutdown: switched to back up blower due to vibrations at the main blower
		February Downtime:	**2.50**	
Mar-14	3/11/2014 7:15	3/11/2014 7:45	**0.50**	Manual shutdown: Switched from back up blower to main blower.
	3/17/2014 6:15	3/17/2014 6:30	**0.25**	Power outage / Power surge
	3/18/2014 20:00	3/18/2014 20:15	**0.25**	Power outage / Power surge
	3/19/2014 17:00	3/19/2014 17:15	**0.25**	Power outage / Power surge
	3/21/2014 10:15	3/21/2014 10:30	**0.25**	Power outage at facility.
	3/28/2014 8:15	3/28/2014 8:30	**0.25**	Power outage / Power surge
	3/28/2014 21:15	3/28/2014 21:30	**0.25**	Power outage / Power surge
		March Downtime:	**2.00**	
Apr-14	4/3/2014 13:15	4/3/2014 14:15	**1.00**	Manual shutdown for Eau Claire Energy to replace transformer
	4/7/2014 18:00	4/9/2014 9:30	**39.50**	Blower/flare shut down due to leachate high level.
	4/30/2014 5:00	4/30/2014 5:15	**0.25**	Blower/flare shut down due to leachate high level.
	4/30/2014 6:15	4/30/2014 9:30	**3.25**	Blower/flare shut down due to leachate high level.
		April Downtime:	**44.00**	
May-14	5/9/2014 9:45	5/9/2014 11:00	1.25	Manual shutdown: pumped down liquid level
	5/13/2014 2:30	5/13/2014 2:45	0.25	System shutdown due to high liquid level in tank
	5/22/2014 10:45	5/22/2014 11:00	0.25	Manual shutdown to inspect vibrations at the blower
	5/22/2014 13:15	5/22/2014 13:45	0.50	Manual shutdown to inspect vibrations at the blower
	5/23/2014 17:45	5/24/2014 9:45	16.00	System shutdown due to high liquid level in tank
		May Downtime:	**18.25**	
Jun-14	6/2/2014 8:45	6/2/2014 10:15	1.50	Manual shutdown: test high level float in lift station
		June Downtime:	**1.50**	
Jul-14	7/9/2014 20:30	7/9/2014 21:00	0.50	System shutdown: Lift station high level
	7/25/2014 10:30	7/25/2014 11:45	1.25	Manual shutdown: Power line upgrade
	7/25/2014 12:15	7/25/2014 13:15	1.00	Manual shutdown: Power line upgrade
	7/30/2014 14:15	7/30/2014 17:15	3.00	Manual shutdown: Hooked up new main power line
		July Downtime:	**5.75**	
Aug-14	8/1/2014 11:15	8/1/2014 16:00	4.75	Manual shutdown for 6-inch tie-in of cross over on top of Phase 3 and 4.
	8/5/2014 14:15	8/5/2014 16:45	2.50	Manual shutdown to repaired damaged gas line line going to the main header on the south side of Phase 6.
	8/27/2014 7:45	8/27/2014 9:00	1.25	Manual shutdown to measure flare bonnet and clean DPC flow meter.
		August Total:	**8.50**	
Sep-14	9/16/2014 7:15	9/16/2014 11:45	4.50	Manual shutdown to extend gas extraction wells GW-18, GW-20, and GW-21.
	9/30/2014 11:15	9/30/2014 12:00	0.75	Manual shutdown to clean dripleg.
		September Total:	**5.25**	
Oct-14	10/2/2014 13:45	10/2/2014 15:45	2.00	Manual shutdown for flare measurements and to clean the flame arrestor.
		October Total:	**2.00**	
Nov-14	11/5/2014 3:30	11/5/2014 4:00	0.50	System shutdown due to incorrect setting on new lift station control panel.
		November Total:	**0.50**	
Dec-14	12/3/2014 8:15	12/3/2014 15:30	7.25	Manual shutdown to replace the expansion boot and level the 12-inch pipe going to the flare.
	12/18/2014 7:45	12/18/2014 14:15	6.50	Manual shutdown to repair 6-inch line to SEC2GW42.
	12/19/2014 7:15	12/19/2014 13:15	6.00	Manual shutdown to abandon supplemental odor control wells.
		December Total:	**19.75**	
		Total Downtime Jan-Dec (Hr.):	**110.00**	
		Operating Efficiency (%):	**98.7**	

Note:
The total system downtime is the same as the blower/flare system downtime. There can be no delivery flow to DPC without blower/flare system operation.

Checked By: TI (ESC)
Date: 02/10/15

Attachment A-1

Gas Extraction Report

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
Calibration														
Calibrat	Calibrat	1/17/2014 8:03		0	0.6	4	95.4	0	90	0	0.3	---	---	,,,,,,,
Calibrat	Calibrat	1/17/2014 8:03	ADJ	0	0.6	4	95.4	0.01	91	0	0.3	---	---	
Calibrat	Calibrat	1/17/2014 8:06		49.9	35.3	0	14.8	0.01	---	0	0.3	---	---	,,,,,,,
Calibrat	Calibrat	1/17/2014 8:06	ADJ	49.9	35.3	0	14.8	0.02	---	0	0.3	---	---	
Calibrat	Calibrat	1/20/2014 5:55		0.2	2.2	3.9	93.7	-0.02	70	0	0.3	---	---	,,,,,,,
Calibrat	Calibrat	1/20/2014 5:55	ADJ	0.2	2.2	3.9	93.7	-0.02	70	0	0.3	---	---	
Calibrat	Calibrat	1/27/2014 7:38		0	1.5	4.1	94.4	-0.02	69	0	0.3	---	---	,,,,,,,
Calibrat	Calibrat	1/27/2014 7:38	ADJ	0	1.5	4.1	94.4	-0.02	69	0	0.2	---	---	
Calibrat	Calibrat	1/27/2014 7:45		50.2	35.4	0	14.4	-0.04	69	0	0.3	---	---	,,,,,,,
Calibrat	Calibrat	1/27/2014 7:45	ADJ	50.2	35.4	0	14.4	0	69	0	0.3	---	---	
Calibrat	Calibrat	1/28/2014 6:28		50.3	35.1	0.1	14.5	-0.01	72	0	0	---	---	,,,,,,,
Calibrat	Calibrat	1/28/2014 6:28	ADJ	50.3	35.1	0.1	14.5	0	72	0	0	---	---	
Calibrat	Calibrat	1/28/2014 6:33		0.2	1.5	4.1	94.2	0.02	73	0	0	---	---	,,,,,,,
Calibrat	Calibrat	1/28/2014 6:33	ADJ	0.2	1.5	4.1	94.2	0.01	73	0	0	---	---	
Calibrat	Calibrat	1/29/2014 5:36		0	0.3	4.2	95.5	-0.01	71	0	0	---	---	,,,,,,,
Calibrat	Calibrat	1/29/2014 5:36	ADJ	0	0.3	4.2	95.5	-0.01	71	0	0	---	---	
Calibrat	Calibrat	1/29/2014 5:39		0	0.3	4.2	95.5	-0.01	71	0	0	---	---	,,,,,,,
Calibrat	Calibrat	1/29/2014 5:39	ADJ	0	0.3	4.2	95.5	-0.01	72	0	121.7	---	---	
Calibrat	Calibrat	1/29/2014 5:43		50.5	35.4	0	14.1	0.01	72	0	0	---	---	,,,,,,,
Calibrat	Calibrat	1/29/2014 5:43	ADJ	50.5	35.4	0	14.1	0.02	72	0	0	---	---	
Calibrat	Calibrat	1/30/2014 5:19		0.2	3	4.1	92.7	0	0	0	0.1	---	---	,,,,,,,
Calibrat	Calibrat	1/30/2014 5:19	ADJ	0.2	3	4.1	92.7	0.01	0	0	0.1	---	---	
Calibrat	Calibrat	1/30/2014 5:29		50.1	34.1	0.2	15.6	0.07	0	0	0.1	---	---	,,,,,,,
Calibrat	Calibrat	1/30/2014 5:29	ADJ	50.1	34.1	0.2	15.6	0.08	0	0	0.1	---	---	
Calibrat	Calibrat	1/31/2014 5:41		50.4	35	0.2	14.4	0.01	0	0	0.1	---	---	,,,,,,,
Calibrat	Calibrat	1/31/2014 5:41	ADJ	50.4	35	0.2	14.4	0.01	0	0	0.1	---	---	
Calibrat	Calibrat	1/31/2014 5:43		0.3	3.7	4.1	91.9	-0.02	0	0	0.1	---	---	,,,,,,,
Calibrat	Calibrat	1/31/2014 5:43	ADJ	0.3	3.7	4.1	91.9	-0.02	0	0	0.1	---	---	
Calibrat	Calibrat	2/3/2014 5:00		0.1	0.3	3.9	95.7	-0.03	70	0	0.1	---	---	,,,,,,,
Calibrat	Calibrat	2/3/2014 5:00	ADJ	0.1	0.3	3.9	95.7	-0.02	70	0	0	---	---	
Calibrat	Calibrat	2/3/2014 5:04		49.7	35.3	0.1	14.9	-0.02	70	0	0.1	---	---	,,,,,,,
Calibrat	Calibrat	2/3/2014 5:04	ADJ	49.7	35.3	0.1	14.9	-0.01	70	0	0	---	---	
Calibrat	Calibrat	2/4/2014 5:49		49.6	35.4	0.1	14.9	-0.03	70	0	0.1	---	---	,,,,,,,
Calibrat	Calibrat	2/4/2014 5:49	ADJ	49.6	35.4	0.1	14.9	-0.02	70	0	0	---	---	
Calibrat	Calibrat	2/4/2014 5:51		0.6	7.3	3.7	88.4	0	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/4/2014 5:51	ADJ	0.6	7.3	3.7	88.4	0.01	70	0	0	---	---	
Calibrat	Calibrat	2/5/2014 7:14		0.1	0.5	4	95.4	0.02	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/5/2014 7:14	ADJ	0.1	0.5	4	95.4	0.02	69	0	0	---	---	
Calibrat	Calibrat	2/5/2014 7:17		49.8	34.6	0.2	15.4	0.05	71	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/5/2014 7:17	ADJ	49.8	34.6	0.2	15.4	0.05	71	0	0	---	---	
Calibrat	Calibrat	2/5/2014 7:18		49.8	34.6	0.2	15.4	0.05	71	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/5/2014 7:18	ADJ	49.8	34.6	0.2	15.4	0.06	71	0	0	---	---	
Calibrat	Calibrat	2/6/2014 5:33		49.6	34.9	0.1	15.4	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/6/2014 5:33	ADJ	49.6	34.9	0.1	15.4	0.03	---	0	0	---	---	
Calibrat	Calibrat	2/6/2014 5:36		0.2	0.8	3.9	95.1	0.02	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/6/2014 5:36	ADJ	0.2	0.8	3.9	95.1	0.03	---	0	0	---	---	
Calibrat	Calibrat	2/7/2014 9:58		0.1	1	4	94.9	0.02	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/7/2014 9:58	ADJ	0.1	1	4	94.9	0.02	69	0	0	---	---	
Calibrat	Calibrat	2/7/2014 10:02		50.2	35.1	0.1	14.6	0.02	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/7/2014 10:02	ADJ	50.2	35.1	0.1	14.6	0.04	70	0	0	---	---	
Calibrat	Calibrat	2/10/2014 5:53		0.2	1.2	4	94.6	0	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/10/2014 5:53	ADJ	0.2	1.2	4	94.6	0.01	69	0	0	---	---	
Calibrat	Calibrat	2/10/2014 5:57		49.9	35.2	0	14.9	0	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/10/2014 5:57	ADJ	49.9	35.2	0	14.9	0	70	0	0	---	---	
Calibrat	Calibrat	2/11/2014 7:12		50.1	35.1	0.1	14.7	0	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/11/2014 7:12	ADJ	50.1	35.1	0.1	14.7	0.03	70	0	0	---	---	
Calibrat	Calibrat	2/11/2014 7:16		0.4	1.6	4	94	0.02	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/11/2014 7:16	ADJ	0.4	1.6	4	94	0.02	70	0	0	---	---	
Calibrat	Calibrat	2/12/2014 5:20		0.1	1.4	4.2	94.3	-0.02	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/12/2014 5:20	ADJ	0.1	1.4	4.2	94.3	-0.02	70	0	121.5	---	---	
Calibrat	Calibrat	2/12/2014 5:21		50	35.4	0.1	14.5	0.02	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/12/2014 5:21	ADJ	50	35.4	0.1	14.5	0.02	70	0	0	---	---	
Calibrat	Calibrat	2/13/2014 7:13		49.3	35	0.1	15.6	0.08	71	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/13/2014 7:13	ADJ	49.3	35	0.1	15.6	0.09	71	0	0	---	---	
Calibrat	Calibrat	2/13/2014 7:16		0.4	2.7	4.1	92.8	0.08	72	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/13/2014 7:16	ADJ	0.4	2.7	4.1	92.8	0.08	72	0	0	---	---	
Calibrat	Calibrat	2/18/2014 11:39		0.1	0.1	4.3	95.5	0.04	68	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/18/2014 11:39	ADJ	0.1	0.1	4.3	95.5	0.05	68	0	0	---	---	
Calibrat	Calibrat	2/18/2014 11:42		49.4	35	0.1	15.5	0.05	68	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/18/2014 11:42	ADJ	49.4	35	0.1	15.5	0.06	68	0	0	---	---	
Calibrat	Calibrat	2/19/2014 6:55		49.8	35	0.1	15.1	0.05	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/19/2014 6:55	ADJ	49.8	35	0.1	15.1	0.06	69	0	0	---	---	
Calibrat	Calibrat	2/19/2014 6:58		0.4	2.3	4	93.3	0.04	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/19/2014 6:58	ADJ	0.4	2.3	4	93.3	0.04	69	0	0	---	---	
Calibrat	Calibrat	2/20/2014 6:35		0.1	0.4	4.2	95.3	0.05	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/20/2014 6:35	ADJ	0.1	0.4	4.2	95.3	0.05	69	0	0	---	---	
Calibrat	Calibrat	2/20/2014 6:38		50.5	35.1	0.1	14.3	0.06	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/20/2014 6:38	ADJ	50.5	35.1	0.1	14.3	0.07	70	0	0	---	---	
Calibrat	Calibrat	2/21/2014 11:49		50.1	35.4	0.1	14.4	0.05	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/21/2014 11:49	ADJ	50.1	35.4	0.1	14.4	0.06	69	0	0	---	---	
Calibrat	Calibrat	2/21/2014 11:51		0.2	3	4	92.8	0.02	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/21/2014 11:51	ADJ	0.2	3	4	92.8	0.03	69	0	0	---	---	
Calibrat	Calibrat	2/21/2014 11:51		0.2	3	4	92.8	0.02	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/21/2014 11:51	ADJ	0.2	3	4	92.8	0.05	69	0	0	---	---	
Calibrat	Calibrat	2/24/2014 7:11		0.1	0.1	4.2	95.6	0.06	68	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/24/2014 7:11	ADJ	0.1	0.1	4.2	95.6	0.07	68	0	0	---	---	
Calibrat	Calibrat	2/24/2014 7:15		50.2	35.3	0.1	14.4	0.07	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/24/2014 7:15	ADJ	50.2	35.3	0.1	14.4	0.08	69	0	0	---	---	
Calibrat	Calibrat	2/25/2014 7:51		50.3	35.1	0.2	14.4	0.07	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/25/2014 7:51	ADJ	50.3	35.1	0.2	14.4	0.07	69	0	0	---	---	
Calibrat	Calibrat	2/25/2014 7:54		0.3	3.8	4.1	91.8	0.04	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	2/25/2014 7:54	ADJ	0.3	3.8	4.1	91.8	0.05	70	0	0	---	---	
Calibrat	Calibrat	3/3/2014 7:54		0	0.6	4.3	95.1	0.05	68	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/3/2014 7:54	ADJ	0	0.6	4.3	95.1	0.05	69	0	0	---	---	
Calibrat	Calibrat	3/4/2014 12:42		50.4	35.1	0.1	14.4	0.06	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/4/2014 12:42	ADJ	50.4	35.1	0.1	14.4	0.07	70	0	0	---	---	
Calibrat	Calibrat	3/4/2014 12:45		0.1	0.4	4.2	95.3	0.06	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/4/2014 12:45	ADJ	0.1	0.4	4.2	95.3	0.06	70	0	0	---	---	
Calibrat	Calibrat	3/5/2014 10:12		0	0.2	4.3	95.5	0.08	71	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/5/2014 10:12	ADJ	0	0.2	4.3	95.5	0.08	71	0	0	---	---	
Calibrat	Calibrat	3/5/2014 10:14		47.7	33.8	0.1	18.4	0.08	71	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/5/2014 10:14	ADJ	47.7	33.8	0.1	18.4	0.09	71	0	0	---	---	
Calibrat	Calibrat	3/5/2014 10:15		47.7	33.8	0.1	18.4	0.08	71	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/5/2014 10:15	ADJ	47.7	33.8	0.1	18.4	0.1	71	0	0	---	---	
Calibrat	Calibrat	3/6/2014 7:27		50.3	35.5	0.2	14	0.05	68	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/6/2014 7:27	ADJ	50.3	35.5	0.2	14	0.06	68	0	0	---	---	
Calibrat	Calibrat	3/6/2014 7:30		0.2	1.1	4.2	94.5	0.06	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/6/2014 7:30	ADJ	0.2	1.1	4.2	94.5	0.06	69	0	0	---	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
Calibrat	Calibrat	3/7/2014 15:53		0.1	2.1	4.2	93.6	0.06	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/7/2014 15:53	ADJ	0.1	2.1	4.2	93.6	0.06	69	0	0	---	---	
Calibrat	Calibrat	3/7/2014 15:57		50.1	35	0.1	14.8	0.08	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/7/2014 15:57	ADJ	50.1	35	0.1	14.8	0.08	---	0	0	---	---	
Calibrat	Calibrat	3/8/2014 6:38		50.1	35	0.1	14.8	0.06	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/8/2014 6:38	ADJ	50.1	35	0.1	14.8	0.07	69	0	0	---	---	
Calibrat	Calibrat	3/8/2014 6:40		0.2	1.3	4.2	94.3	0.04	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/8/2014 6:40	ADJ	0.2	1.3	4.2	94.3	0.05	69	0	0	---	---	
Calibrat	Calibrat	3/10/2014 12:38		50.9	35.4	0.1	13.6	0.06	73	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/10/2014 12:38	ADJ	50.9	35.4	0.1	13.6	0.08	73	0	0	---	---	
Calibrat	Calibrat	3/11/2014 12:29		50.3	35	0.1	14.6	0.06	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/11/2014 12:29	ADJ	50.3	35	0.1	14.6	0.07	69	0	0	---	---	
Calibrat	Calibrat	3/11/2014 12:32		0.2	0.9	4.2	94.7	0.06	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/11/2014 12:32	ADJ	0.2	0.9	4.2	94.7	0.06	69	0	0	---	---	
Calibrat	Calibrat	3/12/2014 12:21		0.1	0.3	3.9	95.7	0	64	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/12/2014 12:21	ADJ	0.1	0.3	3.9	95.7	0	64	0	0	---	---	
Calibrat	Calibrat	3/14/2014 14:51		49.3	34.8	0.1	15.8	0.07	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/14/2014 14:51	ADJ	49.3	34.8	0.1	15.8	0.07	69	0	0	---	---	
Calibrat	Calibrat	3/14/2014 14:53		0.1	1.2	4.2	94.5	0.08	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/14/2014 14:53	ADJ	0.1	1.2	4.2	94.5	0.08	70	0	0	---	---	
Calibrat	Calibrat	3/17/2014 6:23		49.5	34.9	0.1	15.5	0.09	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/17/2014 6:23	ADJ	49.5	34.9	0.1	15.5	0.09	71	0	0	---	---	
Calibrat	Calibrat	3/18/2014 6:16		50.1	35	0	14.9	0.06	0	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/18/2014 6:16	ADJ	50.1	35	0	14.9	0.06	72	0	0	---	---	
Calibrat	Calibrat	3/18/2014 6:19		0.3	0.6	3.9	95.2	0	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/18/2014 6:19	ADJ	0.3	0.6	3.9	95.2	0	69	0	0	---	---	
Calibrat	Calibrat	3/19/2014 10:02		0	0.7	4	95.3	0	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/19/2014 10:02	ADJ	0	0.7	4	95.3	0	70	0	0	---	---	
Calibrat	Calibrat	3/19/2014 10:05		49.9	35.1	0	15	0	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/19/2014 10:05	ADJ	49.9	35.1	0	15	0	70	0	0	---	---	
Calibrat	Calibrat	3/20/2014 14:57		50	34.9	0	15.1	-0.04	72	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/20/2014 14:57	ADJ	50	34.9	0	15.1	-0.02	72	0	0	---	---	
Calibrat	Calibrat	3/20/2014 15:00		0.1	0.5	4.1	95.3	0	72	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/20/2014 15:00	ADJ	0.1	0.5	4.1	95.3	0	72	0	0	---	---	
Calibrat	Calibrat	3/20/2014 15:02		49.3	35.5	0.1	15.1	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/20/2014 15:02	ADJ	49.3	35.5	0.1	15.1	0	---	0	0	---	---	
Calibrat	Calibrat	3/20/2014 15:05		0.2	1.7	3.9	94.2	-0.03	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/20/2014 15:05	ADJ	0.2	1.7	3.9	94.2	-0.02	---	0	0	---	---	
Calibrat	Calibrat	3/21/2014 14:22		0	0.1	4.2	95.7	-0.04	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/21/2014 14:22	ADJ	0	0.1	4.2	95.7	-0.03	69	0	0	---	---	
Calibrat	Calibrat	3/21/2014 14:28		49.9	35.4	0.2	14.5	-0.01	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/21/2014 14:28	ADJ	49.9	35.4	0.2	14.5	-0.01	70	0	0	---	---	
Calibrat	Calibrat	3/24/2014 13:37		49.7	35.2	0.2	14.9	-0.02	67	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/24/2014 13:37	ADJ	49.7	35.2	0.2	14.9	-0.02	67	0	0	---	---	
Calibrat	Calibrat	3/24/2014 13:39		0	0.5	4.2	95.3	-0.03	68	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/24/2014 13:39	ADJ	0	0.5	4.2	95.3	-0.03	68	0	0	---	---	
Calibrat	Calibrat	3/25/2014 14:31		0	0.4	4.2	95.4	-0.02	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/25/2014 14:31	ADJ	0	0.4	4.2	95.4	-0.03	69	0	0	---	---	
Calibrat	Calibrat	3/25/2014 14:33		50.3	34.9	0.1	14.7	-0.01	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/25/2014 14:33	ADJ	50.3	34.9	0.1	14.7	0	69	0	0	---	---	
Calibrat	Calibrat	3/26/2014 12:11		50.1	35.2	0.2	14.5	-0.03	66	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/26/2014 12:11	ADJ	50.1	35.2	0.2	14.5	-0.02	66	0	0	---	---	
Calibrat	Calibrat	3/26/2014 12:13		0.1	0.5	4.1	95.3	-0.04	67	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/26/2014 12:13	ADJ	0.1	0.5	4.1	95.3	-0.03	67	0	0	---	---	
Calibrat	Calibrat	3/27/2014 7:54		0	0.2	4.2	95.6	-0.03	68	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/27/2014 7:54	ADJ	0	0.2	4.2	95.6	-0.03	68	0	0	---	---	
Calibrat	Calibrat	3/27/2014 7:56		50	35.4	0.2	14.4	-0.02	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/27/2014 7:56	ADJ	50	35.4	0.2	14.4	-0.02	69	0	0	---	---	
Calibrat	Calibrat	3/28/2014 12:40		50.2	34.9	0.3	14.6	-0.01	73	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/28/2014 12:40	ADJ	50.2	34.9	0.3	14.6	-0.01	73	0	0	---	---	
Calibrat	Calibrat	3/28/2014 12:42		0.3	3.5	3.9	92.3	-0.04	73	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/28/2014 12:42	ADJ	0.3	3.5	3.9	92.3	-0.03	73	0	0	---	---	
Calibrat	Calibrat	3/28/2014 12:42		0.3	3.5	3.9	92.3	-0.04	73	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/28/2014 12:42	ADJ	0.3	3.5	3.9	92.3	-0.03	73	0	0	---	---	
Calibrat	Calibrat	3/31/2014 13:13		0	0.1	4.2	95.7	-0.04	67	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/31/2014 13:13	ADJ	0	0.1	4.2	95.7	-0.04	67	0	0	---	---	
Calibrat	Calibrat	3/31/2014 13:16		50.1	35.6	0.1	14.2	-0.02	67	0	0	---	---	,,,,,,,
Calibrat	Calibrat	3/31/2014 13:16	ADJ	50.1	35.6	0.1	14.2	-0.02	67	0	0	---	---	
Calibrat	Calibrat	4/1/2014 7:11		50.2	35.3	0.2	14.3	-0.02	68	0	0	---	---	,,,,,,,
Calibrat	Calibrat	4/1/2014 7:11	ADJ	50.2	35.3	0.2	14.3	-0.01	68	0	0	---	---	
Calibrat	Calibrat	4/1/2014 7:14		0	0.2	4.1	95.7	-0.02	68	0	0	---	---	,,,,,,,
Calibrat	Calibrat	4/1/2014 7:14	ADJ	0	0.2	4.1	95.7	-0.02	68	0	0	---	---	
Calibrat	Calibrat	4/2/2014 7:37		0	0.3	3.9	95.8	-0.07	65	0	0	---	---	,,,,,,,
Calibrat	Calibrat	4/2/2014 7:37	ADJ	0	0.3	3.9	95.8	0.12	65	0	0	---	---	
Calibrat	Calibrat	4/2/2014 7:39		50.2	35	0	14.8	0	65	0	0	---	---	,,,,,,,
Calibrat	Calibrat	4/2/2014 7:39	ADJ	50.2	35	0	14.8	0	65	0	0	---	---	
Calibrat	Calibrat	4/4/2014 14:30		49.5	35	0	15.5	0.01	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	4/4/2014 14:30	ADJ	49.5	35	0	15.5	0.01	70	0	0	---	---	
Calibrat	Calibrat	4/4/2014 14:33		0	0.4	3.5	96.1	-0.02	76	0	0	---	---	,,,,,,,
Calibrat	Calibrat	4/4/2014 14:33	ADJ	0	0.4	3.5	96.1	-0.01	75	0	0	---	---	
Calibrat	Calibrat	4/7/2014 12:09		0	0	3.6	96.4	0	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	4/7/2014 12:09	ADJ	0	0	3.6	96.4	0	69	0	0	---	---	
Calibrat	Calibrat	4/7/2014 12:17		50.2	35.1	0	14.7	0.02	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	4/7/2014 12:17	ADJ	50.2	35.1	0	14.7	0.02	69	0	0	---	---	
Calibrat	Calibrat	4/8/2014 13:35		49.8	34.4	0	15.8	-0.01	68	0	0	---	---	,,,,,,,
Calibrat	Calibrat	4/8/2014 13:35	ADJ	49.8	34.4	0	15.8	-0.01	68	0	0	---	---	
Calibrat	Calibrat	4/8/2014 13:37		0	0	3.5	96.5	0	68	0	0	---	---	,,,,,,,
Calibrat	Calibrat	4/8/2014 13:37	ADJ	0	0	3.5	96.5	0	69	0	0	---	---	
Calibrat	Calibrat	4/9/2014 14:43		0	0	3.8	96.2	-0.02	66	0	0	---	---	,,,,,,,
Calibrat	Calibrat	4/9/2014 14:43	ADJ	0	0	3.8	96.2	-0.02	66	0	0	---	---	
Calibrat	Calibrat	4/9/2014 14:45		49.8	34.9	0	15.3	-0.01	66	0	0	---	---	,,,,,,,
Calibrat	Calibrat	4/9/2014 14:45	ADJ	49.8	34.9	0	15.3	-0.01	66	0	0	---	---	
Calibrat	Calibrat	4/10/2014 14:05		50.2	34.9	0	14.9	0	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	4/10/2014 14:05	ADJ	50.2	34.9	0	14.9	0	69	0	0	---	---	
Calibrat	Calibrat	4/10/2014 14:07		0.2	0.1	4	95.7	0	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	4/10/2014 14:07	ADJ	0.2	0.1	4	95.7	0	69	0	0	---	---	
Calibrat	Calibrat	4/11/2014 13:03		0	0	4	96	0	66	0	0	---	---	,,,,,,,
Calibrat	Calibrat	4/11/2014 13:03	ADJ	0	0	4	96	0	66	0	0	---	---	
Calibrat	Calibrat	4/11/2014 13:09		50.3	34.9	0	14.8	0	67	0	0	---	---	,,,,,,,
Calibrat	Calibrat	4/11/2014 13:09	ADJ	50.3	34.9	0	14.8	0	67	0	0	---	---	
Calibrat	Calibrat	4/18/2014 12:17		0	0	4.1	95.9	0.39	68	0	-0.3	---	---	,,,,,,,
Calibrat	Calibrat	4/18/2014 12:17	ADJ	0	0	4.1	95.9	0.39	68	0	-0.3	---	---	
Calibrat	Calibrat	4/18/2014 12:21		50.2	34.9	0	14.9	0.4	68	0	-0.3	---	---	,,,,,,,
Calibrat	Calibrat	4/18/2014 12:21	ADJ	50.2	34.9	0	14.9	0.4	68	0	-0.3	---	---	
Calibrat	Calibrat	4/21/2014 10:09		50	34.9	0	15.1	0.38	66	0	-0.3	---	---	,,,,,,,
Calibrat	Calibrat	4/21/2014 10:09	ADJ	50	34.9	0	15.1	0.37	66	0	-0.3	---	---	
Calibrat	Calibrat	4/21/2014 10:12		0	0	4	96	0.38	67	0	-0.3	---	---	,,,,,,,
Calibrat	Calibrat	4/21/2014 10:12	ADJ	0	0	4	96	0.38	67	0	-0.3	---	---	
Calibrat	Calibrat	4/22/2014 6:42		0	0	4.1	95.9	0.39	68	0	-0.3	---	---	,,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
Calibrat	Calibrat	4/22/2014 6:42	ADJ	0	0	4.1	95.9	0.39	68	0	-0.3	---	---	
Calibrat	Calibrat	4/22/2014 6:45		50	34.9	0	15.1	0.39	68	0	-0.3	---	---	,,,,,,,
Calibrat	Calibrat	4/22/2014 6:45	ADJ	50	34.9	0	15.1	0.39	68	0	-0.3	---	---	
Calibrat	Calibrat	4/29/2014 13:12		50.1	35	0.3	14.6	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	4/29/2014 13:12	ADJ	50.1	35	0.3	14.6	0	---	0	0	---	---	
Calibrat	Calibrat	4/29/2014 13:15		0.2	0.1	3.7	96	0	67	0	0	---	---	,,,,,,,
Calibrat	Calibrat	4/29/2014 13:15	ADJ	0.2	0.1	3.7	96	0	67	0	0	---	---	
Calibrat	Calibrat	4/30/2014 14:36		50.2	35.3	0	14.5	0.01	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	4/30/2014 14:36	ADJ	50.2	35.3	0	14.5	0.01	69	0	0	---	---	
Calibrat	Calibrat	4/30/2014 14:40		50.2	35.3	0	14.5	0.01	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	4/30/2014 14:40	ADJ	50.2	35.3	0	14.5	0	69	0	52.7	---	---	
Calibrat	Calibrat	4/30/2014 14:44		0	0	4.2	95.8	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	4/30/2014 14:44	ADJ	0	0	4.2	95.8	0	---	0	0	---	---	
Calibrat	Calibrat	5/2/2014 13:50		49.7	34.2	0.5	15.6	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/2/2014 13:50	ADJ	49.7	34.2	0.5	15.6	0	---	0	0	---	---	
Calibrat	Calibrat	5/2/2014 13:52		0.1	0.2	4	95.7	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/2/2014 13:52	ADJ	0.1	0.2	4	95.7	0	---	0	0	---	---	
Calibrat	Calibrat	5/5/2014 14:50		52	34.9	0.2	12.9	-0.03	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/5/2014 14:50	ADJ	52	34.9	0.2	12.9	-0.03	---	0	0	---	---	
Calibrat	Calibrat	5/5/2014 14:52		0.4	0.2	4.1	95.3	-0.03	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/5/2014 14:52	ADJ	0.4	0.2	4.1	95.3	-0.03	---	0	0	---	---	
Calibrat	Calibrat	5/5/2014 14:52		0.4	0.2	4.1	95.3	-0.03	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/5/2014 14:52	ADJ	0.4	0.2	4.1	95.3	-0.03	---	0	0	---	---	
Calibrat	Calibrat	5/6/2014 13:37		51.7	33.9	0.2	14.2	-0.02	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/6/2014 13:37	ADJ	51.7	33.9	0.2	14.2	-0.02	---	0	0	---	---	
Calibrat	Calibrat	5/6/2014 13:38		0.4	0.2	4.1	95.3	-0.03	---	0	0.3	---	---	,,,,,,,
Calibrat	Calibrat	5/6/2014 13:38	ADJ	0.4	0.2	4.1	95.3	-0.02	---	0	0	---	---	
Calibrat	Calibrat	5/7/2014 15:04		51.5	35.1	0.2	13.2	-0.03	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/7/2014 15:04	ADJ	51.5	35.1	0.2	13.2	-0.03	70	0	0	---	---	
Calibrat	Calibrat	5/7/2014 15:06		0.2	0.2	4.1	95.5	-0.68	70	0	0.5	---	---	,,,,,,,
Calibrat	Calibrat	5/7/2014 15:06	ADJ	0.2	0.2	4.1	95.5	-1.2	70	0	1.1	---	---	
Calibrat	Calibrat	5/8/2014 12:38		51.1	34.7	0.4	13.8	-0.03	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/8/2014 12:38	ADJ	51.1	34.7	0.4	13.8	-31.43	70	0	0	---	---	
Calibrat	Calibrat	5/8/2014 12:39		0.3	0.2	4.1	95.4	-0.03	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/8/2014 12:39	ADJ	0.3	0.2	4.1	95.4	-0.03	70	0	0	---	---	
Calibrat	Calibrat	5/12/2014 14:55		51.3	34.7	0.3	13.7	-0.02	72	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/12/2014 14:55	ADJ	51.3	34.7	0.3	13.7	-0.02	72	0	0	---	---	
Calibrat	Calibrat	5/12/2014 14:57		0.2	0.1	4.1	95.6	-0.3	72	0	0.1	---	---	,,,,,,,
Calibrat	Calibrat	5/12/2014 14:57	ADJ	0.2	0.1	4.1	95.6	-0.39	72	0	0.3	---	---	
Calibrat	Calibrat	5/14/2014 8:01		50	35.1	0	14.9	-0.01	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/14/2014 8:01	ADJ	50	35.1	0	14.9	-0.01	69	0	0	---	---	
Calibrat	Calibrat	5/14/2014 13:09		50.3	35.1	0	14.6	0	74	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/14/2014 13:09	ADJ	50.3	35.1	0	14.6	0	74	0	0	---	---	
Calibrat	Calibrat	5/14/2014 13:14		0.1	0.3	3.9	95.7	0	74	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/14/2014 13:14	ADJ	0.1	0.3	3.9	95.7	0	74	0	0	---	---	
Calibrat	Calibrat	5/14/2014 13:28		0.1	0.3	3.9	95.7	0	74	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/14/2014 13:28	ADJ	0.1	0.3	3.9	95.7	0	74	0	0	---	---	
Calibrat	Calibrat	5/15/2014 7:35		50	35	0	15	0.01	71	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/15/2014 7:35	ADJ	50	35	0	15	0.01	71	0	0	---	---	
Calibrat	Calibrat	5/15/2014 7:40		0.6	0.6	4.1	94.7	0	71	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/15/2014 7:40	ADJ	0.6	0.6	4.1	94.7	0	71	0	0	---	---	
Calibrat	Calibrat	5/15/2014 14:15		50.1	35	0	14.9	-0.04	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/15/2014 14:15	ADJ	50.1	35	0	14.9	-0.04	70	0	0	---	---	
Calibrat	Calibrat	5/15/2014 14:19		0	0	3.9	96.1	-0.03	71	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/15/2014 14:19	ADJ	0	0	3.9	96.1	-0.03	72	0	0	---	---	
Calibrat	Calibrat	5/19/2014 8:46		50	35	0.1	14.9	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/19/2014 8:46	ADJ	50	35	0.1	14.9	0	---	0	0	---	---	
Calibrat	Calibrat	5/19/2014 8:48		0.1	0.1	4	95.8	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/19/2014 8:48	ADJ	0.1	0.1	4	95.8	0	---	0	0	---	---	
Calibrat	Calibrat	5/20/2014 6:08		50.1	34.9	0.3	14.7	-0.02	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/20/2014 6:08	ADJ	50.1	34.9	0.3	14.7	-0.02	---	0	0	---	---	
Calibrat	Calibrat	5/20/2014 6:09		0.1	0.1	4.1	95.7	-0.02	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/20/2014 6:09	ADJ	0.1	0.1	4.1	95.7	-0.01	---	0	0	---	---	
Calibrat	Calibrat	5/21/2014 14:28		50.1	35.1	0.3	14.5	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/21/2014 14:28	ADJ	50.1	35.1	0.3	14.5	0	---	0	0	---	---	
Calibrat	Calibrat	5/21/2014 14:30		0	0.1	4	95.9	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/21/2014 14:30	ADJ	0	0.1	4	95.9	0	---	0	0	---	---	
Calibrat	Calibrat	5/21/2014 14:30		0	0.1	4	95.9	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/21/2014 14:30	ADJ	0	0.1	4	95.9	0	---	0	0	---	---	
Calibrat	Calibrat	5/22/2014 6:59		50.3	35.4	1.1	13.2	0	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/22/2014 6:59	ADJ	50.3	35.4	1.1	13.2	0	69	0	0	---	---	
Calibrat	Calibrat	5/22/2014 7:00		0.2	0.2	4	95.6	0	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/22/2014 7:00	ADJ	0.2	0.2	4	95.6	0	69	0	0	---	---	
Calibrat	Calibrat	5/27/2014 13:35		50.2	35.1	0.3	14.4	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/27/2014 13:35	ADJ	50.2	35.1	0.3	14.4	0.01	---	0	0	---	---	
Calibrat	Calibrat	5/27/2014 13:37		0.3	0.1	3.9	95.7	0	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/27/2014 13:37	ADJ	0.3	0.1	3.9	95.7	0	69	0	0	---	---	
Calibrat	Calibrat	5/30/2014 14:52		50	35	0.2	14.8	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/30/2014 14:52	ADJ	50	35	0.2	14.8	0	---	0	0	---	---	
Calibrat	Calibrat	5/30/2014 14:54		0.1	0	3.9	96	0	68	0	0	---	---	,,,,,,,
Calibrat	Calibrat	5/30/2014 14:54	ADJ	0.1	0	3.9	96	0	68	0	0	---	---	
Calibrat	Calibrat	6/2/2014 12:59		50.2	34.8	0.2	14.8	0.01	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	6/2/2014 12:59	ADJ	50.2	34.8	0.2	14.8	0	---	0	0	---	---	
Calibrat	Calibrat	6/2/2014 13:00		50.2	34.8	0.2	14.8	0.01	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	6/2/2014 13:00	ADJ	50.2	34.8	0.2	14.8	0	---	0	0	---	---	
Calibrat	Calibrat	6/2/2014 13:02		0.4	0.2	4	95.4	0	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	6/2/2014 13:02	ADJ	0.4	0.2	4	95.4	0	69	0	0	---	---	
Calibrat	Calibrat	6/3/2014 6:13		50.2	35	0.3	14.5	0	68	0	0	---	---	,,,,,,,
Calibrat	Calibrat	6/3/2014 6:13	ADJ	50.2	35	0.3	14.5	0	68	0	0	---	---	
Calibrat	Calibrat	6/3/2014 6:15		0.3	0.1	4	95.6	0	68	0	0	---	---	,,,,,,,
Calibrat	Calibrat	6/3/2014 6:15	ADJ	0.3	0.1	4	95.6	0	68	0	0	---	---	
Calibrat	Calibrat	6/4/2014 13:08		50.2	35.1	0.3	14.4	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	6/4/2014 13:08	ADJ	50.2	35.1	0.3	14.4	0	---	0	0	---	---	
Calibrat	Calibrat	6/4/2014 13:10		0.3	0.2	4	95.5	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	6/4/2014 13:10	ADJ	0.3	0.2	4	95.5	0	---	0	0	---	---	
Calibrat	Calibrat	6/5/2014 7:50		0	0.1	4	95.9	0	700	0	0	---	---	,,,,,,,
Calibrat	Calibrat	6/5/2014 7:50	ADJ	0	0.1	4	95.9	0	70	0	0	---	---	
Calibrat	Calibrat	6/5/2014 7:50		0	0.1	4	95.9	0	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	6/5/2014 7:50	ADJ	0	0.1	4	95.9	0	70	0	0	---	---	
Calibrat	Calibrat	6/10/2014 7:48		50.1	35.2	0.2	14.5	0	67	0	0	---	---	,,,,,,,
Calibrat	Calibrat	6/10/2014 7:48	ADJ	50.1	35.2	0.2	14.5	0	67	0	0	---	---	
Calibrat	Calibrat	6/10/2014 7:49		0.3	0.2	4	95.5	0	67	0	0	---	---	,,,,,,,
Calibrat	Calibrat	6/10/2014 7:49	ADJ	0.3	0.2	4	95.5	0	67	0	0	---	---	
Calibrat	Calibrat	6/10/2014 12:36		0.4	0.2	4	95.4	0	72	0	0	---	---	,,,,,,,
Calibrat	Calibrat	6/10/2014 12:36	ADJ	0.4	0.2	4	95.4	0	72	0	0	---	---	
Calibrat	Calibrat	6/11/2014 7:08		50.1	35	0.3	14.6	0	66	0	0	---	---	,,,,,,,
Calibrat	Calibrat	6/11/2014 7:08	ADJ	50.1	35	0.3	14.6	0.17	66	0	0.2	---	---	
Calibrat	Calibrat	6/11/2014 7:10		0.2	0.1	4	95.7	0	66	0	0	---	---	,,,,,,,
Calibrat	Calibrat	6/11/2014 7:10	ADJ	0.2	0.1	4	95.7	0	66	0	0	---	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
Calibrat	Calibrat	6/12/2014 9:58		50.1	35	0.3	14.6	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	6/12/2014 9:58	ADJ	50.1	35	0.3	14.6	0	---	0	0	---	---	
Calibrat	Calibrat	6/12/2014 10:00		0.2	0	4	95.8	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	6/12/2014 10:00	ADJ	0.2	0	4	95.8	0	---	0	0	---	---	
Calibrat	Calibrat	6/17/2014 12:35		50.2	35	0.4	14.4	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	6/17/2014 12:35	ADJ	50.2	35	0.4	14.4	0	---	0	0	---	---	
Calibrat	Calibrat	6/17/2014 12:37		0	0.1	4	95.9	0	67	0	0	---	---	,,,,,,,
Calibrat	Calibrat	6/17/2014 12:37	ADJ	0	0.1	4	95.9	0	67	0	0	---	---	
Calibrat	Calibrat	6/24/2014 7:45		50.2	35	0.3	14.5	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	6/24/2014 7:45	ADJ	50.2	35	0.3	14.5	0	---	0	0	---	---	
Calibrat	Calibrat	6/24/2014 7:47		0.3	0.2	4	95.5	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	6/24/2014 7:47	ADJ	0.3	0.2	4	95.5	0	---	0	0	---	---	
Calibrat	Calibrat	6/27/2014 7:12		50.1	34.9	0.3	14.7	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	6/27/2014 7:12	ADJ	50.1	34.9	0.3	14.7	0	---	0	0	---	---	
Calibrat	Calibrat	6/27/2014 7:14		0.4	0.3	4	95.3	0	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	6/27/2014 7:14	ADJ	0.4	0.3	4	95.3	0	69	0	0	---	---	
Calibrat	Calibrat	7/1/2014 14:50		50.2	35.1	0.3	14.4	0	72	0	0	---	---	,,,,,,,
Calibrat	Calibrat	7/1/2014 14:50	ADJ	50.2	35.1	0.3	14.4	0	72	0	0	---	---	
Calibrat	Calibrat	7/1/2014 14:53		0.1	0	3.9	96	0	72	0	0	---	---	,,,,,,,
Calibrat	Calibrat	7/1/2014 14:53	ADJ	0.1	0	3.9	96	0	73	0	0	---	---	
Calibrat	Calibrat	7/8/2014 14:23		50.3	35.1	0.3	14.3	0	71	0	0	---	---	,,,,,,,
Calibrat	Calibrat	7/8/2014 14:23	ADJ	50.3	35.1	0.3	14.3	0	71	0	0	---	---	
Calibrat	Calibrat	7/8/2014 14:25		0.3	0.1	4	95.6	0	71	0	0	---	---	,,,,,,,
Calibrat	Calibrat	7/8/2014 14:25	ADJ	0.3	0.1	4	95.6	0	71	0	0	---	---	
Calibrat	Calibrat	7/15/2014 13:08		50.3	35	0.4	14.3	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	7/15/2014 13:08	ADJ	50.3	35	0.4	14.3	0	---	0	0	---	---	
Calibrat	Calibrat	7/15/2014 13:10		0.3	0.1	4	95.6	0	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	7/15/2014 13:10	ADJ	0.3	0.1	4	95.6	0	70	0	0	---	---	
Calibrat	Calibrat	7/16/2014 7:30		50.1	35.1	0.2	14.6	0	68	0	0	---	---	,,,,,,,
Calibrat	Calibrat	7/16/2014 7:30	ADJ	50.1	35.1	0.2	14.6	0	68	0	0	---	---	
Calibrat	Calibrat	7/16/2014 7:33		0.3	0.2	4	95.5	0	68	0	0	---	---	,,,,,,,
Calibrat	Calibrat	7/16/2014 7:33	ADJ	0.3	0.2	4	95.5	0	69	0	0	---	---	
Calibrat	Calibrat	7/16/2014 12:56		49.9	34.9	0.1	15.1	0	77	0	0	---	---	,,,,,,,
Calibrat	Calibrat	7/16/2014 12:56	ADJ	49.9	34.9	0.1	15.1	0	77	0	0	---	---	
Calibrat	Calibrat	7/16/2014 12:58		0.3	0.2	4	95.5	0	77	0	0	---	---	,,,,,,,
Calibrat	Calibrat	7/16/2014 12:58	ADJ	0.3	0.2	4	95.5	-0.05	77	0	0	---	---	
Calibrat	Calibrat	7/17/2014 8:56		50	35.1	0.2	14.7	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	7/17/2014 8:56	ADJ	50	35.1	0.2	14.7	0	---	0	0	---	---	
Calibrat	Calibrat	7/17/2014 8:58		0.3	0.2	4	95.5	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	7/17/2014 8:58	ADJ	0.3	0.2	4	95.5	0	---	0	0	---	---	
Calibrat	Calibrat	7/21/2014 10:46		50.1	34.9	0.6	14.4	0	85	0	0	---	---	,,,,,,,
Calibrat	Calibrat	7/21/2014 10:46	ADJ	50.1	34.9	0.6	14.4	0	85	0	0	---	---	
Calibrat	Calibrat	7/21/2014 10:47		0.3	0.1	4	95.6	0	85	0	0	---	---	,,,,,,,
Calibrat	Calibrat	7/21/2014 10:47	ADJ	0.3	0.1	4	95.6	0	84	0	0	---	---	
Calibrat	Calibrat	7/26/2014 7:47		50.1	35	0	14.9	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	7/26/2014 7:47	ADJ	50.1	35	0	14.9	0	---	0	0	---	---	
Calibrat	Calibrat	7/26/2014 7:49		0	0.2	4	95.8	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	7/26/2014 7:49	ADJ	0	0.2	4	95.8	0	---	0	0	---	---	
Calibrat	Calibrat	8/4/2014 6:07		50	35.1	0.1	14.8	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	8/4/2014 6:07	ADJ	50	35.1	0.1	14.8	0	---	0	0	---	---	
Calibrat	Calibrat	8/4/2014 6:09		0	0.1	5	94.9	0	-28	0	0	---	---	,,,,,,,
Calibrat	Calibrat	8/4/2014 6:09	ADJ	0	0.1	5	94.9	0	-28	0	0	---	---	
Calibrat	Calibrat	8/5/2014 6:34		50.2	34.8	0.1	14.9	0	72	0	0	---	---	,,,,,,,
Calibrat	Calibrat	8/5/2014 6:34	ADJ	50.2	34.8	0.1	14.9	0	72	0	0	---	---	
Calibrat	Calibrat	8/5/2014 6:35		0	0.1	5	94.9	0	72	0	0	---	---	,,,,,,,
Calibrat	Calibrat	8/5/2014 6:35	ADJ	0	0.1	5	94.9	0	72	0	0	---	---	
Calibrat	Calibrat	8/6/2014 7:00		50.1	34.9	0.1	14.9	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	8/6/2014 7:00	ADJ	50.1	34.9	0.1	14.9	0	---	0	0	---	---	
Calibrat	Calibrat	8/6/2014 7:02		0.1	0.1	5	94.8	0	-28	0	0	---	---	,,,,,,,
Calibrat	Calibrat	8/6/2014 7:02	ADJ	0.1	0.1	5	94.8	0	-28	0	0	---	---	
Calibrat	Calibrat	8/7/2014 5:47		49.8	34.9	0.1	15.2	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	8/7/2014 5:47	ADJ	49.8	34.9	0.1	15.2	0	---	0	0	---	---	
Calibrat	Calibrat	8/7/2014 5:49		0	0.1	4.9	95	0	-28	0	0	---	---	,,,,,,,
Calibrat	Calibrat	8/7/2014 5:49	ADJ	0	0.1	4.9	95	0	-28	0	0	---	---	
Calibrat	Calibrat	8/12/2014 5:21		50.1	34.9	0.1	14.9	0	68	0	0	---	---	,,,,,,,
Calibrat	Calibrat	8/12/2014 5:21	ADJ	50.1	34.9	0.1	14.9	0	68	0	0	---	---	
Calibrat	Calibrat	8/12/2014 5:23		0	0.1	5	94.9	0	-28	0	0	---	---	,,,,,,,
Calibrat	Calibrat	8/12/2014 5:23	ADJ	0	0.1	5	94.9	0	-28	0	0	---	---	
Calibrat	Calibrat	8/12/2014 10:47		50.1	34.8	0	15.1	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	8/12/2014 10:47	ADJ	50.1	34.8	0	15.1	0	---	0	0	---	---	
Calibrat	Calibrat	8/12/2014 10:49		0	0.1	4.9	95	0	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	8/12/2014 10:49	ADJ	0	0.1	4.9	95	0	70	0	0	---	---	
Calibrat	Calibrat	8/12/2014 10:49		0	0.1	4.9	95	0	-27	0	0	---	---	,,,,,,,
Calibrat	Calibrat	8/12/2014 10:49	ADJ	0	0.1	4.9	95	0	-27	0	0	---	---	
Calibrat	Calibrat	8/13/2014 4:43		50.2	35	0.2	14.6	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	8/13/2014 4:43	ADJ	50.2	35	0.2	14.6	0	---	0	0	---	---	
Calibrat	Calibrat	8/13/2014 4:44		0	0.1	5	94.9	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	8/13/2014 4:44	ADJ	0	0.1	5	94.9	0	---	0	0	---	---	
Calibrat	Calibrat	8/18/2014 11:12		50.2	34.9	0.1	14.8	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	8/18/2014 11:12	ADJ	50.2	34.9	0.1	14.8	0	---	0	0	---	---	
Calibrat	Calibrat	8/18/2014 11:13		0	0.2	5	94.8	0	-27	0	0	---	---	,,,,,,,
Calibrat	Calibrat	8/18/2014 11:13	ADJ	0	0.2	5	94.8	0	-27	0	0	---	---	
Calibrat	Calibrat	8/19/2014 9:43		50.2	35.1	0.1	14.6	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	8/19/2014 9:43	ADJ	50.2	35.1	0.1	14.6	0	---	0	0	---	---	
Calibrat	Calibrat	8/19/2014 9:44		0	0.2	5.1	94.7	0	-27	0	0	---	---	,,,,,,,
Calibrat	Calibrat	8/19/2014 9:44	ADJ	0	0.2	5.1	94.7	0	-27	0	0	---	---	
Calibrat	Calibrat	8/29/2014 12:51		50.1	35	0.2	14.7	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	8/29/2014 12:51	ADJ	50.1	35	0.2	14.7	0	---	0	0	---	---	
Calibrat	Calibrat	8/29/2014 12:52		0.3	0.1	4	95.6	0	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	8/29/2014 12:52	ADJ	0.3	0.1	4	95.6	0	70	0	0	---	---	
Calibrat	Calibrat	9/6/2014 5:05		50.3	35.1	0.2	14.4	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	9/6/2014 5:05	ADJ	50.3	35.1	0.2	14.4	0	---	0	0	---	---	
Calibrat	Calibrat	9/6/2014 5:08		0.3	0.2	4	95.5	0	67	0	0	---	---	,,,,,,,
Calibrat	Calibrat	9/6/2014 5:08	ADJ	0.3	0.2	4	95.5	0	67	0	0	---	---	
Calibrat	Calibrat	9/8/2014 11:57		50.3	35	0.3	14.4	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	9/8/2014 11:57	ADJ	50.3	35	0.3	14.4	0	---	0	0	---	---	
Calibrat	Calibrat	9/8/2014 11:58		50.3	35	0.3	14.4	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	9/8/2014 11:58	ADJ	50.3	35	0.3	14.4	-0.01	71	0	0.2	---	---	
Calibrat	Calibrat	9/8/2014 11:58		50.3	35	0.3	14.4	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	9/8/2014 11:58	ADJ	50.3	35	0.3	14.4	-0.01	71	0	0.2	---	---	
Calibrat	Calibrat	9/8/2014 12:00		50.3	35	0.3	14.4	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	9/8/2014 12:00	ADJ	50.3	35	0.3	14.4	0	71	0	156	---	---	
Calibrat	Calibrat	9/8/2014 12:02		0.2	0.1	5	94.7	0	71	0	0	---	---	,,,,,,,
Calibrat	Calibrat	9/8/2014 12:02	ADJ	0.2	0.1	5	94.7	0	71	0	0	---	---	
Calibrat	Calibrat	9/16/2014 4:22		50.6	35.1	0.3	14	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	9/16/2014 4:22	ADJ	50.6	35.1	0.3	14	0	---	0	0	---	---	
Calibrat	Calibrat	9/16/2014 4:24		0.2	0.1	5	94.7	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	9/16/2014 4:24	ADJ	0.2	0.1	5	94.7	0	---	0	0	---	---	
Calibrat	Calibrat	9/22/2014 6:25		50.3	35	0.3	14.4	0	---	0	0	---	---	,,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
Calibrat	Calibrat	9/22/2014 6:25	ADJ	50.3	35	0.3	14.4	-1.72	---	0	0.7	---	---	
Calibrat	Calibrat	9/23/2014 4:20		50.1	35.1	0.3	14.5	0	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	9/23/2014 4:20	ADJ	50.1	35.1	0.3	14.5	0	69	0	0	---	---	
Calibrat	Calibrat	9/23/2014 4:22		0.3	0.1	5	94.6	0	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	9/23/2014 4:22	ADJ	0.3	0.1	5	94.6	0	69	0	0	---	---	
Calibrat	Calibrat	9/25/2014 4:10		49.9	35	0.4	14.7	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	9/25/2014 4:10	ADJ	49.9	35	0.4	14.7	0	---	0	0	---	---	
Calibrat	Calibrat	9/25/2014 4:11		0.2	0.2	5	94.6	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	9/25/2014 4:11	ADJ	0.2	0.2	5	94.6	0	---	0	0	---	---	
Calibrat	Calibrat	9/26/2014 5:22		50.2	35	0.3	14.5	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	9/26/2014 5:22	ADJ	50.2	35	0.3	14.5	0	---	0	0	---	---	
Calibrat	Calibrat	9/26/2014 5:24		0.2	0.1	4.9	94.8	0	68	0	0	---	---	,,,,,,,
Calibrat	Calibrat	9/26/2014 5:24	ADJ	0.2	0.1	4.9	94.8	0	68	0	0	---	---	
Calibrat	Calibrat	10/2/2014 4:45		50.2	35	0.3	14.5	0	0	0	0	---	---	
Calibrat	Calibrat	10/2/2014 4:45	ADJ	50.2	35	0.3	14.5	0	70	0	0	---	---	
Calibrat	Calibrat	10/2/2014 4:47		0.2	0.2	5	94.6	0	72	0	0	---	---	
Calibrat	Calibrat	10/2/2014 4:47	ADJ	0.2	0.2	5	94.6	0	72	0	0	---	---	
Calibrat	Calibrat	10/9/2014 5:36		50	35	0.5	14.5	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	10/9/2014 5:36	ADJ	50	35	0.5	14.5	0	---	0	0	---	---	
Calibrat	Calibrat	10/9/2014 5:38		0.3	0.2	5	94.5	0	66	0	0	---	---	,,,,,,,
Calibrat	Calibrat	10/9/2014 5:38	ADJ	0.3	0.2	5	94.5	0	66	0	0	---	---	
Calibrat	Calibrat	10/9/2014 15:04		50	35	0.4	14.6	0	65	0	0	---	---	,,,,,,,
Calibrat	Calibrat	10/9/2014 15:04	ADJ	50	35	0.4	14.6	0	65	0	0	---	---	
Calibrat	Calibrat	10/9/2014 15:06		0.1	0	4.9	95	0	66	0	0	---	---	,,,,,,,
Calibrat	Calibrat	10/9/2014 15:06	ADJ	0.1	0	4.9	95	0	66	0	0	---	---	
Calibrat	Calibrat	10/10/2014 6:42		50.1	35	0.2	14.7	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	10/10/2014 6:42	ADJ	50.1	35	0.2	14.7	0	---	0	0	---	---	
Calibrat	Calibrat	10/10/2014 6:44		0.3	0.2	4.9	94.6	0	65	0	0	---	---	,,,,,,,
Calibrat	Calibrat	10/10/2014 6:44	ADJ	0.3	0.2	4.9	94.6	0	65	0	0	---	---	
Calibrat	Calibrat	10/10/2014 6:44		0.3	0.2	4.9	94.6	0	65	0	0	---	---	,,,,,,,
Calibrat	Calibrat	10/10/2014 6:44	ADJ	0.3	0.2	4.9	94.6	0	65	0	0	---	---	
Calibrat	Calibrat	10/10/2014 13:22		50.2	35.1	0.2	14.5	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	10/10/2014 13:22	ADJ	50.2	35.1	0.2	14.5	0	---	0	0	---	---	
Calibrat	Calibrat	10/10/2014 13:24		0.3	0.3	5	94.4	0	62	0	0	---	---	,,,,,,,
Calibrat	Calibrat	10/10/2014 13:24	ADJ	0.3	0.3	5	94.4	0	63	0	0	---	---	
Calibrat	Calibrat	10/13/2014 5:39		50.1	34.9	0.2	14.8	0	66	0	0	---	---	,,,,,,,
Calibrat	Calibrat	10/13/2014 5:39	ADJ	50.1	34.9	0.2	14.8	0	66	0	0	---	---	
Calibrat	Calibrat	10/13/2014 5:41		0.3	0.2	5	94.5	0	66	0	0	---	---	,,,,,,,
Calibrat	Calibrat	10/13/2014 5:41	ADJ	0.3	0.2	5	94.5	0	66	0	0	---	---	
Calibrat	Calibrat	10/15/2014 7:36		50.1	35	0.2	14.7	0	72	0	0	---	---	,,,,,,,
Calibrat	Calibrat	10/15/2014 7:36	ADJ	50.1	35	0.2	14.7	0	72	0	0	---	---	
Calibrat	Calibrat	10/15/2014 7:39		0.3	0.2	5	94.5	0	72	0	0	---	---	,,,,,,,
Calibrat	Calibrat	10/15/2014 7:39	ADJ	0.3	0.2	5	94.5	0	72	0	0	---	---	
Calibrat	Calibrat	11/5/2014 13:29		50.3	35.1	0.2	14.4	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	11/5/2014 13:29	ADJ	50.3	35.1	0.2	14.4	0	---	0	0	---	---	
Calibrat	Calibrat	11/5/2014 13:32		0.3	0.2	4.9	94.6	0	71	0	0	---	---	,,,,,,,
Calibrat	Calibrat	11/5/2014 13:32	ADJ	0.3	0.2	4.9	94.6	0	71	0	0	---	---	
Calibrat	Calibrat	11/5/2014 13:32		0.3	0.2	4.9	94.6	0	71	0	0	---	---	,,,,,,,
Calibrat	Calibrat	11/5/2014 13:32	ADJ	0.3	0.2	4.9	94.6	0	71	0	0	---	---	
Calibrat	Calibrat	11/7/2014 13:34		50.1	35	0.3	14.6	0	73	0	0	---	---	,,,,,,,
Calibrat	Calibrat	11/7/2014 13:34	ADJ	50.1	35	0.3	14.6	0	73	0	0	---	---	
Calibrat	Calibrat	11/7/2014 13:36		1	0.7	5	93.3	0	73	0	0	---	---	,,,,,,,
Calibrat	Calibrat	11/7/2014 13:36	ADJ	1	0.7	5	93.3	0	73	0	0	---	---	
Calibrat	Calibrat	11/7/2014 13:36		1	0.7	5	93.3	0	73	0	0	---	---	,,,,,,,
Calibrat	Calibrat	11/7/2014 13:36	ADJ	1	0.7	5	93.3	0.01	73	0	0	---	---	
Calibrat	Calibrat	11/14/2014 15:02		50.6	35.1	0.4	13.9	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	11/14/2014 15:02	ADJ	50.6	35.1	0.4	13.9	0	---	0	0	---	---	
Calibrat	Calibrat	11/14/2014 15:03		0.4	0.2	5	94.4	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	11/14/2014 15:03	ADJ	0.4	0.2	5	94.4	0.01	---	0	0	---	---	
Calibrat	Calibrat	11/18/2014 9:14		50.4	35	0.4	14.2	0	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	11/18/2014 9:14	ADJ	50.4	35	0.4	14.2	0	70	0	0	---	---	
Calibrat	Calibrat	11/18/2014 9:16		0.2	0.2	5	94.6	0	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	11/18/2014 9:16	ADJ	0.2	0.2	5	94.6	0	70	0	0	---	---	
Calibrat	Calibrat	11/19/2014 12:36		50.1	35	0.3	14.6	0	68	0	0	---	---	,,,,,,,
Calibrat	Calibrat	11/19/2014 12:36	ADJ	50.1	35	0.3	14.6	0	68	0	0	---	---	
Calibrat	Calibrat	11/19/2014 12:37		0.3	0.2	5	94.5	-25.79	68	0	25.4	---	---	,,,,,,,
Calibrat	Calibrat	11/19/2014 12:37	ADJ	0.3	0.2	5	94.5	0	68	0	0	---	---	
Calibrat	Calibrat	11/20/2014 6:40		50.4	35.1	0.3	14.2	0	67	0	0	---	---	,,,,,,,
Calibrat	Calibrat	11/20/2014 6:40	ADJ	50.4	35.1	0.3	14.2	0	68	0	0	---	---	
Calibrat	Calibrat	11/20/2014 6:42		0.2	0.1	5	94.7	0	68	0	0	---	---	,,,,,,,
Calibrat	Calibrat	11/20/2014 6:42	ADJ	0.2	0.1	5	94.7	0	68	0	0	---	---	
Calibrat	Calibrat	11/21/2014 16:20		50.2	35	0.2	14.6	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	11/21/2014 16:20	ADJ	50.2	35	0.2	14.6	0	---	0	0	---	---	
Calibrat	Calibrat	11/21/2014 16:23		0.2	0.2	5	94.6	0	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	11/21/2014 16:23	ADJ	0.2	0.2	5	94.6	0	69	0	0	---	---	
Calibrat	Calibrat	11/25/2014 6:55		50.1	35	0.1	14.8	0	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	11/25/2014 6:55	ADJ	50.1	35	0.1	14.8	0	70	0	0	---	---	
Calibrat	Calibrat	11/25/2014 6:57		0.2	0	5	94.8	0	70	0	0	---	---	,,,,,,,
Calibrat	Calibrat	11/25/2014 6:57	ADJ	0.2	0	5	94.8	0	70	0	0	---	---	
Calibrat	Calibrat	11/25/2014 11:44		50.3	34.8	0.2	14.7	0	55	0	0	---	---	,,,,,,,
Calibrat	Calibrat	11/25/2014 11:44	ADJ	50.3	34.8	0.2	14.7	0	55	0	0	---	---	
Calibrat	Calibrat	11/25/2014 11:46		0.1	0.1	5	94.8	0	56	0	0	---	---	,,,,,,,
Calibrat	Calibrat	11/25/2014 11:46	ADJ	0.1	0.1	5	94.8	0	56	0	0	---	---	
Calibrat	Calibrat	11/26/2014 6:11		50.4	35	0.3	14.3	-0.22	70	0	95.7	---	---	,,,,,,,
Calibrat	Calibrat	11/26/2014 6:11	ADJ	50.4	35	0.3	14.3	-0.22	70	0	-0.1	---	---	
Calibrat	Calibrat	11/26/2014 6:12		0	0	5	95	0	71	0	0	---	---	,,,,,,,
Calibrat	Calibrat	11/26/2014 6:12	ADJ	0	0	5	95	0	71	0	0	---	---	
Calibrat	Calibrat	11/26/2014 14:13		50.4	35	0.3	14.3	0	51	0	0	---	---	,,,,,,,
Calibrat	Calibrat	11/26/2014 14:13	ADJ	50.4	35	0.3	14.3	-0.04	52	0	0.6	---	---	
Calibrat	Calibrat	12/13/2014 6:32		50.1	35	0.2	14.7	0	71	0	0	---	---	,,,,,,,
Calibrat	Calibrat	12/13/2014 6:32	ADJ	50.1	35	0.2	14.7	0	71	0	0	---	---	
Calibrat	Calibrat	12/13/2014 6:35		0.1	0	4.9	95	0	72	0	0	---	---	,,,,,,,
Calibrat	Calibrat	12/13/2014 6:35	ADJ	0.1	0	4.9	95	0	71	0	0	---	---	
Calibrat	Calibrat	12/15/2014 6:02		50.2	34.8	0.4	14.6	0.53	64	0	-0.1	---	---	,,,,,,,
Calibrat	Calibrat	12/15/2014 6:02	ADJ	50.2	34.8	0.4	14.6	0.76	64	0	-0.7	---	---	
Calibrat	Calibrat	12/15/2014 6:03		0	0	4.9	95.1	0	64	0	0	---	---	,,,,,,,
Calibrat	Calibrat	12/15/2014 6:03	ADJ	0	0	4.9	95.1	0	64	0	0	---	---	
Calibrat	Calibrat	12/16/2014 5:30		50.2	35	0.3	14.5	0	71	0	0	---	---	,,,,,,,
Calibrat	Calibrat	12/16/2014 5:30	ADJ	50.2	35	0.3	14.5	0	71	0	0	---	---	
Calibrat	Calibrat	12/16/2014 5:32		0.1	0	5	94.9	0	71	0	0	---	---	,,,,,,,
Calibrat	Calibrat	12/16/2014 5:32	ADJ	0.1	0	5	94.9	0	71	0	0	---	---	
Calibrat	Calibrat	12/20/2014 9:06		50.3	35.1	0.4	14.2	0	67	0	0	---	---	,,,,,,,
Calibrat	Calibrat	12/20/2014 9:06	ADJ	50.3	35.1	0.4	14.2	0	67	0	0	---	---	
Calibrat	Calibrat	12/20/2014 9:09		0.1	0	4.9	95	0	67	0	0	---	---	,,,,,,,
Calibrat	Calibrat	12/20/2014 9:09	ADJ	0.1	0	4.9	95	0	67	0	0	---	---	
Calibrat	Calibrat	12/22/2014 5:06		50.7	35.1	0.3	13.9	0	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	12/22/2014 5:06	ADJ	50.7	35.1	0.3	13.9	0	69	0	0	---	---	
Calibrat	Calibrat	12/22/2014 5:07		0.1	0	5	94.9	0	69	0	0	---	---	,,,,,,,
Calibrat	Calibrat	12/22/2014 5:07	ADJ	0.1	0	5	94.9	0	69	0	0	---	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
Calibrat	Calibrat	12/22/2014 9:45		49.9	35	0	15.1	0	55	0	0	---	---	,,,,,,,
Calibrat	Calibrat	12/22/2014 9:45	ADJ	49.9	35	0	15.1	0	55	0	0	---	---	
Calibrat	Calibrat	12/22/2014 9:46		0	0.1	5	94.9	0	55	0	0	---	---	,,,,,,,
Calibrat	Calibrat	12/22/2014 9:46	ADJ	0	0.1	5	94.9	0	56	0	0	---	---	
Calibrat	Calibrat	12/23/2014 11:03		50	35.1	0.3	14.6	0	---	0	0	---	---	,,,,,,,
Calibrat	Calibrat	12/23/2014 11:03	ADJ	50	35.1	0.3	14.6	-0.37	---	0	0.2	---	---	
Calibrat	Calibrat	12/23/2014 11:04		0	0	5	95	0	72	0	0	---	---	,,,,,,,
Calibrat	Calibrat	12/23/2014 11:04	ADJ	0	0	5	95	0	72	0	0	---	---	
Blower														
GHGFLARE	GHGFLARE	1/17/2014 8:22		42.4	33	3.7	20.9	-5.08	---	---	5.3	5.34	---	No change,,,,,,,
GHGFLARE	GHGFLARE	1/17/2014 8:24		36.7	30	5.8	27.5	---	---	---	-66.9	-66.9	---	No change,,,,,,,
GHGFLARE	GHGFLARE	1/20/2014 5:50		50	35.1	0.2	14.7	0	69	---	0.2	0.25	---	No change,,,,,,,
GHGFLARE	GHGFLARE	1/20/2014 10:00		41.5	32.5	4	22	-2.97	97	---	3.3	3.08	---	No change,,,,,,,
GHGFLARE	GHGFLARE	1/20/2014 10:04		37.9	30.5	5.3	26.3	---	75	---	-68.6	-68.77	---	No change,,,,,,,
GHGFLARE	GHGFLARE	1/21/2014 5:29		41.5	33.4	3.8	21.3	-5.07	95	---	5.2	5.21	---	No change,,,,,,,
GHGFLARE	GHGFLARE	1/21/2014 5:33		36.3	30.8	5.7	27.2	---	75	---	-68.4	-68.38	---	No change,,,,,,,
GHGFLARE	GHGFLARE	1/23/2014 9:32		40.9	31.8	3.7	23.6	-4.8	97	---	5	5.23	---	No change,,,,,,,
GHGFLARE	GHGFLARE	1/23/2014 9:34		35.3	29.3	5.8	29.6	---	81	---	-69.1	-69.11	---	No change,,,,,,,
GHGFLARE	GHGFLARE	1/24/2014 6:05		44.2	35.1	3.4	17.3	-4.67	96	---	4.9	4.99	---	No change,,,,,,,
GHGFLARE	GHGFLARE	1/24/2014 6:09		37	31.3	6	25.7	---	73	---	-66.6	-66.71	---	No change,,,,,,,
GHGFLARE	GHGFLARE	1/27/2014 8:58		40.9	32	4	23.1	-4.43	96	---	4.7	5.24	---	No change,,,,,,,
GHGFLARE	GHGFLARE	1/27/2014 9:00		36.3	29.9	5.6	28.2	---	78	---	-68.6	-68.69	---	No change,,,,,,,
GHGFLARE	GHGFLARE	1/28/2014 6:59		42.5	31.8	4	21.7	-4.53	95	---	4.5	4.4	---	No change,,,,,,,
GHGFLARE	GHGFLARE	1/28/2014 7:01		37	30.5	5.9	26.6	---	79	---	-69.1	-69.07	---	No change,,,,,,,
GHGFLARE	GHGFLARE	1/29/2014 6:28		44.5	29.9	4.2	21.4	-4.69	95	---	4.6	4.56	---	,,,,,,,
GHGFLARE	GHGFLARE	1/29/2014 14:06		45.4	32.8	3.8	18	-2.61	95	---	2.6	2.92	---	,,,,,,,
GHGFLARE	GHGFLARE	1/29/2014 14:08		41.4	33.3	3.7	21.6	---	65	---	-68.6	-68.6	---	No change,,,,,,,
GHGFLARE	GHGFLARE	1/30/2014 6:12		45.2	30.5	3.9	20.4	-2.55	95	---	2.6	2.62	---	,,,,,,,
GHGFLARE	GHGFLARE	1/30/2014 14:53		44.4	34.9	3.1	17.6	-2.9	95	---	3	3.06	---	,,,,,,,
GHGFLARE	GHGFLARE	1/30/2014 14:56		49.2	30.8	3.4	16.6	---	44	---	-63.4	-63.56	---	,,,,,,,
GHGFLARE	GHGFLARE	1/31/2014 7:44		41.8	33.2	3.2	21.8	-2.74	97	---	2.7	2.8	---	No change,,,,,,,
GHGFLARE	GHGFLARE	1/31/2014 7:47		36.2	29.9	5.4	28.5	---	75	---	-70.1	-70.04	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/3/2014 8:24		41.3	32.8	2.8	23.1	-2.61	95	---	2.7	2.73	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/3/2014 8:26		37.3	30.2	5	27.5	---	70	---	-69.9	-70.12	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/4/2014 8:21		40.7	32.7	2.9	23.7	-3.61	97	---	3.7	3.65	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/4/2014 8:24		33.2	28.4	5.2	33.2	---	70	---	-69.7	-69.7	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/5/2014 8:10		40.9	32.9	3.1	23.1	-2.47	95	---	2.5	2.69	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/5/2014 8:13		35	29.3	5.4	30.3	---	68	---	-70.6	-70.81	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/6/2014 6:16		41.5	32.5	3.1	22.9	-2.44	94	---	2.5	2.47	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/6/2014 6:21		37.9	30.6	4.8	26.7	---	73	---	-70.6	-70.8	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/7/2014 12:56		42.4	35	2.6	20	-2.99	97	---	2.7	2.56	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/7/2014 12:58		33.5	31.7	5	29.8	---	77	---	-70.2	-70.09	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/10/2014 7:12		40.9	32.9	3.4	22.8	-3.47	95	---	3.5	3.59	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/10/2014 7:17		36.3	30.4	5.4	27.9	---	72	---	-70.4	-70.72	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/11/2014 8:43		41.4	32.1	3.2	23.3	-3.21	97	---	3.4	3.66	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/11/2014 8:45		36.2	29.2	5.7	28.9	---	50	---	-69.9	-70.12	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/12/2014 5:46		42.9	33.3	3	20.8	-4.92	95	---	4.9	4.88	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/12/2014 5:49		38.7	31.7	4.5	25.1	---	79	---	-68.3	-68.38	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/12/2014 14:50		44.6	33.7	3.4	18.3	-5	95	---	4.9	5.14	---	,,,,,,,
GHGFLARE	GHGFLARE	2/13/2014 7:38		45.6	35.2	2.6	16.6	-4.64	94	---	4.8	4.75	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/13/2014 15:07		47.1	37.9	2.4	12.6	-3.74	95	---	3.6	3.37	---	,,,,,,,
GHGFLARE	GHGFLARE	2/18/2014 12:51		44.6	34.7	2.6	18.1	-3.44	96	---	3.7	4.02	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/19/2014 7:38		43.5	34.4	2.9	19.2	-3.68	95	---	3.5	3.79	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/19/2014 7:41		43.3	35.2	3	18.5	---	76	---	-68.6	-68.42	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/20/2014 7:23		44.4	35.1	2.6	17.9	-3.89	95	---	3.9	3.77	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/20/2014 7:26		39	31.6	4.6	24.8	---	82	---	-67.6	-67.5	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/21/2014 14:04		44.2	34.7	2.9	18.2	-3.87	94	---	3.5	3.49	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/21/2014 14:06		42.2	35.6	3.3	18.9	---	81	---	-68.1	-67.74	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/24/2014 10:46		42.2	33.2	3	21.6	-4.11	94	---	4	3.98	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/25/2014 10:42		43.4	34.8	2.8	19	-3.94	95	---	3.8	3.84	---	No change,,,,,,,
GHGFLARE	GHGFLARE	2/25/2014 10:44		38.5	34	3.9	23.6	---	83	---	-69.8	-69.98	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/3/2014 18:54		44.4	34.6	2.8	18.2	-4	87	---	4	4.11	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/3/2014 18:58		43.1	32	3.5	21.4	---	70	---	-62	-61.93	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/4/2014 15:30		45	36	2.7	16.3	-4.04	91	---	3.9	4.06	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/4/2014 15:32		42.2	33.2	4	20.6	---	80	---	-61.6	-61.55	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/5/2014 14:50		44.2	35.5	2.6	17.7	-4.17	92	---	4.2	4.05	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/5/2014 14:52		42.4	34.8	3.4	19.4	---	78	---	-61.9	-61.83	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/6/2014 8:49		45.5	34.9	2.7	16.9	-4.38	89	---	4.3	4	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/6/2014 8:52		43.4	34.7	3.2	18.7	---	76	---	-61.6	-61.98	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/7/2014 16:51		46.2	35	2.6	16.2	-3.93	90	---	4	4.08	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/7/2014 16:53		44.2	34.8	2.9	18.1	---	79	---	-60.6	-60.94	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/10/2014 13:42		47.1	35.1	2.2	15.6	-4.04	92	---	4.2	-59.99	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/11/2014 14:14		45.7	35.3	2.5	16.5	-4.52	95	---	4.7	-66.05	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/12/2014 13:05		42.9	34.2	2.5	20.4	-4.65	95	---	4.3	-66.77	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/14/2014 15:39		46.2	34.8	2.3	16.7	-4.4	95	---	4.4	-65.82	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/17/2014 6:48		46.9	34.7	2.2	16.2	-4.17	93	---	4.2	4.28	---	,,,,,,,
GHGFLARE	GHGFLARE	3/17/2014 15:09		47.2	34.8	2.2	15.8	-4.03	93	---	4.2	4.38	---	,,,,,,,
GHGFLARE	GHGFLARE	3/17/2014 15:11		46.5	35.3	1.6	16.6	-0.01	94	---	0	-66.78	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/18/2014 6:37		46.2	34.4	2.3	17.1	-4.26	93	---	4.3	4.26	---	,,,,,,,
GHGFLARE	GHGFLARE	3/18/2014 6:38		45.6	34.5	2.2	17.7	---	43	---	-66.8	-67.01	---	,,,,,,,
GHGFLARE	GHGFLARE	3/18/2014 12:54		45.9	35.5	2.2	16.4	-4.15	94	---	4.1	3.81	---	,,,,,,,
GHGFLARE	GHGFLARE	3/18/2014 12:56		45.3	35.4	2	17.3	---	94	---	-66.2	-66.19	---	,,,,,,,
GHGFLARE	GHGFLARE	3/19/2014 16:09		44.1	34.3	2.4	19.2	-4.72	93	---	4.5	-66.08	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/20/2014 15:34		43.7	33.9	2.6	19.8	-1.75	94	---	1.8	-68.3	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/21/2014 15:03		45.1	35.3	2.3	17.3	-1.84	93	---	1.8	-67.51	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/24/2014 14:16		43.6	34.4	2.4	19.6	-2.72	93	---	2.6	-68.17	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/25/2014 15:39		42.8	33.8	2.8	20.6	-2.67	93	---	2.5	-68.37	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/26/2014 13:36		43.8	34.2	2.4	19.6	-2.64	93	---	2.5	-68.19	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/27/2014 8:29		45.5	35.5	2.3	16.7	-4.59	93	---	4.6	-65.49	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/28/2014 15:21		43.7	34.4	2.6	19.3	-1.31	91	---	1.4	-63.7	---	No change,,,,,,,
GHGFLARE	GHGFLARE	3/31/2014 13:43		45.7	35.6	2.3	16.4	-1.6	90	---	1.5	-62.44	---	No change,,,,,,,
GHGFLARE	GHGFLARE	4/1/2014 8:10		45.2	35.4	2.5	16.9	-1.51	89	---	1.5	-62.91	---	No change,,,,,,,
GHGFLARE	GHGFLARE	4/1/2014 15:35		43.9	35.9	2.5	17.7	-1.42	91	---	1.3	1.4	---	,,,,,,,
GHGFLARE	GHGFLARE	4/2/2014 8:38		43.4	35.3	2.2	19.1	-2.62	89	---	1	1.66	---	,,,,,,,
GHGFLARE	GHGFLARE	4/2/2014 11:35		43.8	34.2	2	20	-1.24	92	---	1.1	1.17	---	,,,,,,,
GHGFLARE	GHGFLARE	4/2/2014 11:45		44.6	35.7	1.8	17.9	-0.29	92	---	0.7	1.43	---	,,,,,,,
GHGFLARE	GHGFLARE	4/4/2014 14:53		46.1	36	1.7	16.2	-1.84	95	---	1.9	-68.34	---	No change,,,,,,,
GHGFLARE	GHGFLARE	4/7/2014 15:59		48	35.5	1.3	15.2	-4.17	99	---	4.1	-66.45	---	No change,,,,,,,
GHGFLARE	GHGFLARE	4/9/2014 15:11		50.6	35.6	2.2	11.6	-4.3	97	---	4.5	-65.26	---	No change,,,,,,,
GHGFLARE	GHGFLARE	4/10/2014 15:15		42.9	34.5	3.1	19.5	-3.09	99	---	2.9	-67.36	---	No change,,,,,,,
GHGFLARE	GHGFLARE	4/11/2014 14:17		44.5	32.8	3.2	19.5	-2.3	99	---	2.1	-68.4	---	No change,,,,,,,
GHGFLARE	GHGFLARE	4/14/2014 11:56		49.2	34.3	0.9	15.6	---	71	---	95.4	16.39	---	No change,,,,,,,
GHGFLARE	GHGFLARE	4/14/2014 12:00		0.6	0.5	4	94.9	0.16	72	14	-0.1	-0.07	---	No change,,,,,,,
GHGFLARE	GHGFLARE	4/14/2014 12:28		44.6	33.3	3.1	19	-1.59	56	---	1.6	1.57	---	No change,,,,,,,
GHGFLARE	GHGFLARE	4/14/2014 12:30		44.2	33	3.5	19.3	---	59	---	-69.7	-69.66	---	No change,,,,,,,
GHGFLARE	GHGFLARE	4/18/2014 16:07		44	32.6	3.1	20.3	-1.54	99	---	1.5	-68.97	---	No change,,,,,,,
GHGFLARE	GHGFLARE	4/21/2014 13:26		45.3	33	2.9	18.8	-1.61	103	---	1.8	-68.01	---	No change,,,,,,,
GHGFLARE	GHGFLARE	4/22/2014 11:23		47.5	35.2	2	15.3	-1.45	99	---	1.5	-68.78	---	No change,,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
GHGFLARE	GHGFLARE	4/29/2014 14:52		50.4	37.1	1.2	11.3	-1.38	98	---	1.2	-67.42	---	No change,,,,,,,
GHGFLARE	GHGFLARE	4/30/2014 15:00		48.7	37.4	1.7	12.2	-2.59	95	---	2.5	-68.76	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/2/2014 13:42		0.2	0.2	4	95.6	0.01	72	2	0	0	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/2/2014 13:48		50.1	35.1	0.1	14.7	0	---	---	0	0	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/2/2014 14:21		48.9	36.2	1.8	13.1	-1.42	102	---	1.2	1.26	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/2/2014 14:23		49.6	36.6	1.4	12.4	---	89	---	-69.5	-69.44	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/5/2014 15:08		49.5	35.4	1.8	13.3	-1.28	---	---	1.3	1.43	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/5/2014 15:10		50.2	35.9	1.5	12.4	---	---	---	-69.7	-69.82	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/6/2014 13:52		49.1	35.1	1.9	13.9	-1.49	---	---	1.3	1.29	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/6/2014 13:54		49.6	36.8	1.5	12.1	---	---	---	-70	-70.06	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/7/2014 15:43		52.1	35.9	1.6	10.4	-4.25	110	---	4.2	4.19	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/7/2014 15:46		50.6	38.1	1.2	10.1	---	660	---	-65.9	-66.08	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/8/2014 13:07		49.8	35.8	1.7	12.7	-2.78	102	---	2.7	2.66	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/8/2014 13:08		50.8	36.6	1.4	11.2	---	70	---	-67.9	-68.09	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/12/2014 15:07		49.7	35.9	1.9	12.5	-3.14	108	---	2.7	3.03	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/12/2014 15:08		50.7	35.4	1.7	12.2	---	97	---	-67.1	-67.32	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/14/2014 8:52		46.8	35.2	1.8	16.2	1.18	108	40	1.7	2.2	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/14/2014 8:54		49.4	36.7	1.1	12.8	---	88	---	-67.4	-68.61	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/14/2014 15:30		48.1	35.5	1.9	14.5	-1.19	106	---	1.1	1.07	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/14/2014 15:31		49.1	36.2	1.4	13.3	---	93	---	-70.2	-70.26	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/15/2014 8:06		48	35.1	2	14.9	-1.1	104	---	1	1.04	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/15/2014 8:07		47.5	34.9	2.4	15.2	---	88	---	-70.2	-70.49	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/15/2014 16:51		48.9	35.5	1.9	13.7	-0.96	105	---	0.7	0.81	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/19/2014 9:11		47.8	35.5	1.9	14.8	-2.18	106	---	2.3	2.55	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/19/2014 14:04		49.6	37.4	1.9	11.1	-1.55	105	---	1.6	1.89	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/19/2014 14:05		49	36.4	2.1	12.5	---	77	---	-69.4	-69.42	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/20/2014 16:14		50	36	1.7	12.3	-2.05	108	---	1.8	1.85	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/20/2014 16:15		49.5	36.1	1.7	12.7	---	92	---	-68.6	-68.57	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/21/2014 15:00		49.8	36	1.9	12.3	-1.85	108	---	1.9	1.92	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/21/2014 15:01		48.5	35.9	2.2	13.4	---	89	---	-68.9	-68.67	---	No change,,,,,,,
GHGFLARE	GHGFLARE	5/27/2014 14:05		47.6	35.3	2.1	15	-1.67	111	---	1.6	1.71	---	,,,,,,,
GHGFLARE	GHGFLARE	5/27/2014 14:07		48.6	35.5	2.1	13.8	---	87	---	-68.6	-68.54	---	,,,,,,,
GHGFLARE	GHGFLARE	5/30/2014 15:06		48.5	35	2.1	14.4	-1.55	114	---	1.7	1.75	---	,,,,,,,
GHGFLARE	GHGFLARE	5/30/2014 15:12		46	34.4	2.6	17	---	90	---	-68.8	-68.97	---	,,,,,,,
GHGFLARE	GHGFLARE	6/3/2014 14:59		49.4	36.3	1.8	12.5	-4.93	114	---	4.9	4.9	---	No change,,,,,,,
GHGFLARE	GHGFLARE	6/3/2014 15:01		47.1	35	2.4	15.5	---	95	---	-66.3	-66.3	---	No change,,,,,,,
GHGFLARE	GHGFLARE	6/10/2014 8:15		48.5	36	2.2	13.3	-4.85	113	---	4.7	4.51	---	No change,,,,,,,
GHGFLARE	GHGFLARE	6/10/2014 15:31		50	35.8	2	12.2	-4.39	115	---	4.5	4.47	---	No change,,,,,,,
GHGFLARE	GHGFLARE	6/10/2014 15:32		50.2	35.8	2.4	11.6	---	100	---	-65.8	-65.79	---	No change,,,,,,,
GHGFLARE	GHGFLARE	6/11/2014 7:36		48	35.3	2.5	14.2	-4.19	112	---	4.1	4.03	---	No change,,,,,,,
GHGFLARE	GHGFLARE	6/11/2014 7:37		45.7	34	3.2	17.1	---	91	---	-67	-67.33	---	No change,,,,,,,
GHGFLARE	GHGFLARE	6/11/2014 16:17		47.8	34.4	2.2	15.6	-4.31	117	---	4.3	4.69	---	No change,,,,,,,
GHGFLARE	GHGFLARE	6/11/2014 16:20		48.2	34.7	2	15.1	-4.43	117	---	4.6	4.74	---	No change,,,,,,,
GHGFLARE	GHGFLARE	6/17/2014 15:20		42.5	33.8	2.1	21.6	-4.25	117	---	4.2	4.32	---	No change,,,,,,,
GHGFLARE	GHGFLARE	6/17/2014 15:22		40.5	32.7	2.7	24.1	---	100	---	-66.5	-66.64	---	No change,,,,,,,
GHGFLARE	GHGFLARE	6/24/2014 9:07		44.4	34.5	1.8	19.3	-4.1	118	---	4.3	4.47	---	No change,,,,,,,
GHGFLARE	GHGFLARE	6/24/2014 9:09		42.4	33.2	2.4	22	---	99	---	-67.5	-67.37	---	No change,,,,,,,
GHGFLARE	GHGFLARE	7/1/2014 15:13		46.4	35.9	1.7	16	-4.09	119	---	4.3	4.38	---	No change,,,,,,,
GHGFLARE	GHGFLARE	7/1/2014 15:15		44	34.5	2.2	19.3	---	94	---	-66.2	-66.43	---	No change,,,,,,,
GHGFLARE	GHGFLARE	7/8/2014 15:13		45.7	35.3	1.7	17.3	-4.3	120	---	4.3	4.56	---	No change,,,,,,,
GHGFLARE	GHGFLARE	7/8/2014 15:14		43.4	33.7	2.4	20.5	---	97	---	-66.5	-66.53	---	,,,,,,,
GHGFLARE	GHGFLARE	7/8/2014 15:15		43.4	33.7	2.4	20.5	---	97	---	-66.5	-66.47	---	No change,,,,,,,
GHGFLARE	GHGFLARE	7/15/2014 13:53		44.7	34.5	2.2	18.6	-4.47	120	---	4.8	4.67	---	No change,,,,,,,
GHGFLARE	GHGFLARE	7/15/2014 13:54		43.1	33.3	2.8	20.8	---	92	---	-66.5	-67	---	No change,,,,,,,
GHGFLARE	GHGFLARE	7/16/2014 7:48		43.8	34	2.4	19.8	-4.03	119	---	4.4	4.33	---	No change,,,,,,,
GHGFLARE	GHGFLARE	7/16/2014 7:48		43.9	34.1	2.6	19.4	---	105	---	-67.6	-67.09	---	No change,,,,,,,
GHGFLARE	GHGFLARE	7/16/2014 16:22		45.3	34.3	2.1	18.3	-4.4	122	---	4.5	4.61	---	No change,,,,,,,
GHGFLARE	GHGFLARE	7/16/2014 16:23		45.4	34.4	2.4	17.8	---	99	---	-66.4	-66.56	---	No change,,,,,,,
GHGFLARE	GHGFLARE	7/17/2014 9:37		44.2	33.8	2.6	19.4	-4.41	119	---	4.3	4.57	---	No change,,,,,,,
GHGFLARE	GHGFLARE	7/17/2014 9:39		41.9	32.7	3.2	22.2	---	91	---	-67	-67	---	No change,,,,,,,
GHGFLARE	GHGFLARE	7/26/2014 8:07		44.7	35.3	2.7	17.3	---	109	---	-66.4	-66.33	---	No change,,,,,,,
GHGFLARE	GHGFLARE	7/26/2014 8:07		44.7	35.4	2.6	17.3	-4.68	121	---	4	4.63	---	No change,,,,,,,
GHGFLARE	GHGFLARE	8/4/2014 9:13		43.7	33.9	4.2	18.2	-4.92	124	---	4.6	4.05	---	No change,,,,,,,
GHGFLARE	GHGFLARE	8/4/2014 15:07		44.2	33.4	4.1	18.3	-4.38	124	---	4.8	4.36	---	No change,,,,,,,
GHGFLARE	GHGFLARE	8/5/2014 7:42		44.3	33.6	4.3	17.8	-4.67	120	---	4.2	4.66	---	No change,,,,,,,
GHGFLARE	GHGFLARE	8/6/2014 9:13		45	32.8	4.1	18.1	-4.46	122	---	4.3	4.32	---	No change,,,,,,,
GHGFLARE	GHGFLARE	8/6/2014 14:58		45.9	34.1	3.7	16.3	-5.05	122	---	4.3	3.96	---	No change,,,,,,,
GHGFLARE	GHGFLARE	8/7/2014 7:11		45	33.2	4.1	17.7	-4.83	119	---	4.2	4.45	---	No change,,,,,,,
GHGFLARE	GHGFLARE	8/7/2014 7:12		44.6	32.9	4.3	18.2	---	109	---	-66.8	-66.48	---	No change,,,,,,,
GHGFLARE	GHGFLARE	8/7/2014 14:40		47.5	35.5	3	14	-4.29	122	---	4.2	4.2	---	No change,,,,,,,
GHGFLARE	GHGFLARE	8/7/2014 14:41		47.5	35.5	3.2	13.8	---	111	---	-66.1	-66.07	---	No change,,,,,,,
GHGFLARE	GHGFLARE	8/12/2014 6:34		47.1	34.4	3.4	15.1	---	106	---	-66.7	-66.67	---	No change,,,,,,,
GHGFLARE	GHGFLARE	8/12/2014 6:34		47.2	34.5	3.4	14.9	-4.64	119	---	4.4	4.24	---	No change,,,,,,,
GHGFLARE	GHGFLARE	8/12/2014 14:42		47.7	36.1	2.7	13.5	-4.44	119	---	4.5	4.52	---	No change,,,,,,,
GHGFLARE	GHGFLARE	8/13/2014 5:35		44.6	34.3	4.4	16.7	-5	117	---	4.8	4.84	---	No change,,,,,,,
GHGFLARE	GHGFLARE	8/13/2014 5:36		44.3	34.4	4.5	16.8	---	104	---	-65.2	-65.74	---	No change,,,,,,,
GHGFLARE	GHGFLARE	8/13/2014 14:56		49	36.7	2.6	11.7	-4.44	120	---	4.7	4.75	---	No change,,,,,,,
GHGFLARE	GHGFLARE	8/29/2014 12:59		46.1	34.4	2.7	16.8	-4.4	121	---	4.3	4.15	---	No change,,,,,,,
GHGFLARE	GHGFLARE	8/29/2014 13:00		45.7	34.1	2.8	17.4	---	104	---	-64.4	-64.47	---	No change,,,,,,,
GHGFLARE	GHGFLARE	9/8/2014 13:10		44.1	32.4	4.7	18.8	-4.26	118	---	4.2	3.91	---	No change,,,,,,,
GHGFLARE	GHGFLARE	9/8/2014 13:11		43.4	32.2	4.8	19.6	---	104	---	-65.4	-65.34	---	No change,,,,,,,
GHGFLARE	GHGFLARE	9/22/2014 6:39		47.6	35.4	2.8	14.2	-3.95	115	---	4.1	4.3	---	No change,,,,,,,
GHGFLARE	GHGFLARE	9/22/2014 6:41		44.8	33.7	3.7	17.8	---	90	---	-67.5	-67.34	---	No change,,,,,,,
GHGFLARE	GHGFLARE	9/23/2014 4:42		48.5	35.5	2.8	13.2	-4.3	115	---	4.5	4.72	---	No change,,,,,,,
GHGFLARE	GHGFLARE	9/23/2014 4:43		48	35.3	3	13.7	---	97	---	-66.9	-66.95	---	No change,,,,,,,
GHGFLARE	GHGFLARE	9/23/2014 14:08		48.8	35.7	1.9	13.6	-4.63	119	---	4.3	4.49	---	No change,,,,,,,
GHGFLARE	GHGFLARE	9/23/2014 14:09		49.2	35.9	2.1	12.8	---	108	---	-66.3	-66.81	---	No change,,,,,,,
GHGFLARE	GHGFLARE	10/2/2014 8:35		50.8	37.1	2	10.1	-4.42	117	---	4.2	4.43	---	
GHGFLARE	GHGFLARE	10/2/2014 8:35		50.6	36.6	2	10.8	---	105	---	-66.5	-66.32	---	
GHGFLARE	GHGFLARE	10/9/2014 5:51		49.8	36.4	2.2	11.6	-4.3	114	---	4.1	4.42	---	No change,,,,,,,
GHGFLARE	GHGFLARE	10/9/2014 5:52		49.3	36.2	2.4	12.1	---	89	---	-67.6	-67.47	---	No change,,,,,,,
GHGFLARE	GHGFLARE	10/9/2014 16:33		51.3	37	1.6	10.1	-4.82	116	---	4.6	4.94	---	No change,,,,,,,
GHGFLARE	GHGFLARE	10/9/2014 16:34		51.2	37	1.7	10.1	---	99	---	-66.7	-66.51	---	No change,,,,,,,
GHGFLARE	GHGFLARE	10/10/2014 8:14		49.6	36	2.1	12.3	-5.06	114	---	4.9	4.65	---	No change,,,,,,,
GHGFLARE	GHGFLARE	10/10/2014 8:15		49.2	35.9	2.2	12.7	---	89	---	-67.8	-67.46	---	No change,,,,,,,
GHGFLARE	GHGFLARE	10/10/2014 16:27		51.4	36.7	2.2	9.7	-4.4	114	---	4.3	4.26	---	No change,,,,,,,
GHGFLARE	GHGFLARE	10/10/2014 16:28		51.1	36.6	2.4	9.9	---	92	---	-66.1	-66.13	---	No change,,,,,,,
GHGFLARE	GHGFLARE	10/13/2014 6:05		52.2	37.2	2.2	8.4	-4.63	112	---	4.5	4.6	---	No change,,,,,,,
GHGFLARE	GHGFLARE	10/13/2014 6:07		51.8	37	2.4	8.8	---	95	---	-65	-65.23	---	No change,,,,,,,
GHGFLARE	GHGFLARE	11/7/2014 17:03		53.4	37.5	2.3	6.8	-4.26	108	---	4.1	4.33	---	No change,,,,,,,
GHGFLARE	GHGFLARE	11/7/2014 17:04		52.9	37	2.5	7.6	---	94	---	-66.1	-65.96	---	,,,,,,,
GHGFLARE	GHGFLARE	11/14/2014 15:52		51.5	36.1	2.9	9.5	-4.75	107	---	4.8	4.88	---	No change,,,,,,,
GHGFLARE	GHGFLARE	11/14/2014 15:52		51.3	36.2	2.9	9.6	---	93	---	-67.4	-67.34	---	No change,,,,,,,
GHGFLARE	GHGFLARE	11/19/2014 14:54		51.5	36.2	2.8	9.5	-4.66	105	---	4.9	4.95	---	No change,,,,,,,
GHGFLARE	GHGFLARE	11/19/2014 14:55		51.1	36.1	3.5	9.3	---	76	---	-66.6	-66.39	---	No change,,,,,,,
GHGFLARE	GHGFLARE	11/20/2014 7:23		49.9	35.9	3.1	11.1	-4.81	104	---	4.8	4.87	---	No change,,,,,,,
GHGFLARE	GHGFLARE	11/20/2014 7:24		49.8	35.8	3.2	11.2	---	87	---	-67.2	-67.01	---	No change,,,,,,,
GHGFLARE	GHGFLARE	11/25/2014 8:04		48.8	35.7	3.2	12.3	-4.65	102	---	4.7	4.55	---	No change,,,,,,,
GHGFLARE	GHGFLARE	11/25/2014 8:04		48.5	35.8	3.4	12.3	---	94	---	-66.8	-66.97	---	No change,,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
GHGFLARE	GHGFLARE	11/25/2014 16:35		49.8	35.5	3.1	11.6	---	92	---	-66.4	-66.26	---	No change,,,,,,,
GHGFLARE	GHGFLARE	11/25/2014 16:35		49.8	35.4	3.2	11.6	-4.71	103	---	4.7	4.7	---	No change,,,,,,,
GHGFLARE	GHGFLARE	11/26/2014 7:11		49.3	35	3.5	12.2	-4.94	101	---	4.6	4.72	---	No change,,,,,,,
GHGFLARE	GHGFLARE	11/26/2014 7:12		48.6	34.5	3.6	13.3	---	86	---	-66.6	-66.73	---	No change,,,,,,,
GHGFLARE	GHGFLARE	12/13/2014 8:25		45.1	34.3	3.3	17.3	-4.6	99	---	4.7	4.4	---	No change,,,,,,,
GHGFLARE	GHGFLARE	12/13/2014 8:26		43.6	33.6	3.8	19	---	85	---	-67	-67.1	---	No change,,,,,,,
GHGFLARE	GHGFLARE	12/16/2014 6:03		47.4	34.8	3	14.8	-5.22	98	---	4.7	4.53	---	No change,,,,,,,
GHGFLARE	GHGFLARE	12/16/2014 6:04		47.3	34.8	3	14.9	---	88	---	-66.9	-67.11	---	No change,,,,,,,
GHGFLARE	GHGFLARE	12/20/2014 9:45		48.7	34.6	2.7	14	-5.25	98	---	5.1	5.28	---	No change,,,,,,,
GHGFLARE	GHGFLARE	12/20/2014 9:45		48.4	34.6	2.8	14.2	---	90	---	-67.3	-67.32	---	No change,,,,,,,
GHGFLARE	GHGFLARE	12/20/2014 12:19		48.4	36.2	2.7	12.7	-5.2	98	---	5.3	5.57	---	No change,,,,,,,
GHGFLARE	GHGFLARE	12/20/2014 12:20		48.2	36.1	2.7	13	---	89	---	-67.4	-67.13	---	No change,,,,,,,
GHGFLARE	GHGFLARE	12/22/2014 5:21		48.8	36.4	2.7	12.1	-5.4	98	---	5.5	5.4	---	No change,,,,,,,
GHGFLARE	GHGFLARE	12/22/2014 5:22		48.8	36.6	2.7	11.9	---	93	---	-66.5	-66.99	---	No change,,,,,,,
GHGFLARE	GHGFLARE	12/22/2014 16:19		49.5	36	2.9	11.6	-4.68	99	---	4.8	4.64	---	No change,,,,,,,
GHGFLARE	GHGFLARE	12/22/2014 16:20		49.7	36.2	2.9	11.2	---	88	---	-66.8	-66.99	---	No change,,,,,,,
Vertical														
S2GEW11A	S2-GW11A	1/29/2014 11:25		63.6	35	1.2	0.2	-0.02	76	---	-45.7	-46.29	---	No change,,,,,,,
S2GEW11A	S2-GW11A	1/29/2014 11:25	ADJ	63.6	35	1.2	0.2	-0.03	76	---	-45.7	-46.29	---	
S2GEW11A	S2-GW11A	2/12/2014 12:08		56.6	42.8	0.4	0.2	-0.08	39	---	-40.1	-43.3	0	No change,,,,,,,
S2GEW11A	S2-GW11A	2/12/2014 12:08	ADJ	56.6	42.8	0.4	0.2	0.05	39	14	-40.5	-43.3	---	
S2GEW11A	S2-GW11A	3/17/2014 14:20		53.1	46	0.8	0.1	-0.14	29	---	-49.7	-50.16	100	No change,,,,,,,
S2GEW11A	S2-GW11A	3/17/2014 14:20	ADJ	53.1	46	0.8	0.1	-0.04	29	---	-50	-50.16	100	
S2GEW11A	S2-GW11A	4/1/2014 14:37		54.6	43.6	1.6	0.2	-0.38	35	---	-44.7	-44.66	5	No change,,,,,,,
S2GEW11A	S2-GW11A	4/1/2014 14:37	ADJ	54.6	43.6	1.6	0.2	-0.5	35	---	-44.5	-44.66	5	
S2GEW11A	S2-GW11A	5/15/2014 11:08		53.9	45.9	0	0.2	0.09	59	18	-46.6	-46.58	---	No change,,,,,,,
S2GEW11A	S2-GW11A	5/15/2014 11:08	ADJ	53.9	45.9	0	0.2	-0.07	60	18	-46.6	-46.58	---	
S2GEW11A	S2-GW11A	6/10/2014 14:16		55.2	43.9	0.7	0.2	-0.08	84	---	-41.4	-41.9	---	No change,,,,,,,
S2GEW11A	S2-GW11A	6/10/2014 14:16	ADJ	55.2	43.9	0.7	0.2	-0.12	85	---	-42.2	-41.9	---	
S2GEW11A	S2-GW11A	7/16/2014 11:31		54.8	45	0	0.2	0.12	83	21	-32.1	-32.18	---	No change,,,,,,,
S2GEW11A	S2-GW11A	7/16/2014 11:31	ADJ	54.8	45	0	0.2	0.09	83	18	-32.2	-32.18	---	
SCGEW11A was abandoned on 07/31/14 and replaced with S2GEW11B.														
S2GEW12A	SEC2GW12R	1/29/2014 10:48		63.3	35.6	1	0.1	21.45	30	337	-18.3	-18.32	---	No change,,,,,,,
S2GEW12A	SEC2GW12R	1/29/2014 10:48	ADJ	63.3	35.6	1	0.1	21.53	30	338	-18.3	-18.32	---	
S2GEW12A	SEC2GW12R	2/12/2014 14:05		59.6	40.1	0.1	0.2	32.2	29	400	-30	-28.95	60	No change,,,,,,,
S2GEW12A	SEC2GW12R	2/12/2014 14:05	ADJ	59.6	40.1	0.1	0.2	29.33	29	382	-27.4	-28.95	60	
S2GEW12A	SEC2GW12R	3/17/2014 13:57		58.8	38.3	1.5	1.4	-0.18	45	---	-52.9	-53.12	---	No change,,,,,,,: :
S2GEW12A	SEC2GW12R	3/17/2014 13:57	ADJ	58.8	38.3	1.5	1.4	-0.21	45	---	-52.6	-53.12	---	
S2GEW12A	SEC2GW12R	4/1/2014 15:04		62.6	35.7	1.6	0.1	-0.01	45	---	-48.4	-48.25	10	No change,,,,,,,
S2GEW12A	SEC2GW12R	4/1/2014 15:04	ADJ	62.6	35.7	1.6	0.1	-0.04	45	---	-48	-48.25	10	
S2GEW12A	SEC2GW12R	5/15/2014 10:46		61.5	38.4	0	0.1	-0.04	56	---	-54.6	-54.7	---	No change,,,,,,,
S2GEW12A	SEC2GW12R	5/15/2014 10:46	ADJ	61.5	38.4	0	0.1	-0.27	56	---	-54.3	-54.7	---	
S2GEW12A	SEC2GW12R	6/10/2014 14:01		60.8	38.6	0.4	0.2	0.07	74	16	-48	-42.8	---	No change,,,,,,,: :
S2GEW12A	SEC2GW12R	6/10/2014 14:01	ADJ	60.8	38.6	0.4	0.2	0.13	73	23	-48.5	-42.8	---	
S2GEW12A	SEC2GW12R	6/13/2014 9:10		60.5	38.9	0.5	0.1	0.02	65	7	-48.7	-47.7	---	No change,,,,,,,: :
S2GEW12A	SEC2GW12R	6/13/2014 9:10	ADJ	60.5	38.9	0.5	0.1	0.25	65	31	-46.7	-47.7	---	
S2GEW12A	SEC2GW12R	6/27/2014 7:25		60.6	39.1	0.2	0.1	0.04	66	13	-0.6	-38.69	---	No change,,,,,,,
S2GEW12A	SEC2GW12R	6/27/2014 7:25	ADJ	60.6	39.1	0.2	0.1	0.05	66	15	-1.2	-38.69	---	
S2GEW12A	SEC2GW12R	7/16/2014 11:10		61.3	38.2	0.3	0.2	0.06	72	15	-30.2	-38.9	---	No change,,,,,,,
S2GEW12A	SEC2GW12R	7/16/2014 11:10	ADJ	61.3	38.2	0.3	0.2	0.04	72	13	-30.2	-38.9	---	
S2GEW12A	SEC2GW12R	8/12/2014 13:38		51.9	34.4	3.8	9.9	-0.22	77	---	-42.3	-49.92	---	Closed valve 1/2 turn or less,,,,,,,
S2GEW12A	SEC2GW12R	8/12/2014 13:38	ADJ	51.9	34.4	3.8	9.9	-0.21	77	---	-41.2	-49.92	---	
S2GEW12A	SEC2GW12R	9/22/2014 14:13		59.3	38.5	0.4	1.8	-0.01	72	---	-52.4	-52.72	---	Opened valve 1/2 turn or less,,,,,,,
S2GEW12A	SEC2GW12R	9/22/2014 14:13	ADJ	59.3	38.5	0.4	1.8	-0.01	72	---	-52.6	-52.72	---	
S2GEW12A	SEC2GW12R	10/10/2014 8:34		59.4	38.4	0.6	1.6	0.04	55	11	-53.6	-53.65	---	No change,Valve fully open,,,,,,
S2GEW12A	SEC2GW12R	10/10/2014 8:34	ADJ	59.4	38.4	0.6	1.6	0.03	54	11	-53.6	-53.65	---	
S2GEW12A	SEC2GW12R	11/28/2014 11:40		60.3	39.2	0.3	0.2	0.04	29	13	-5.3	-50.11	---	Opened valve 1/2 turn or less,,,,,,,
S2GEW12A	SEC2GW12R	11/28/2014 11:40	ADJ	60.3	39.2	0.3	0.2	0.04	27	14	-6.5	-50.11	---	
S2GEW12A	SEC2GW12R	12/20/2014 11:52		53.1	35	3	8.9	0.14	41	24	-40.6	-51.17	---	Closed valve 1/2 turn or less,,,,,,,
S2GEW12A	SEC2GW12R	12/20/2014 11:52	ADJ	53.1	35	3	8.9	0.14	40	24	-40.2	-51.17	---	
S2P01OC1	SEC2P01OC1	1/30/2014 6:52		39.8	25.2	7.1	27.9	0.01	26	7	-49.7	-48.53	---	Closed valve 1/2 turn or less,,,,,,,
S2P01OC1	SEC2P01OC1	1/30/2014 6:52	ADJ	39.8	25.2	7.1	27.9	-0.22	26	7	-49.3	-48.53	---	
S2P01OC1	SEC2P01OC1	1/30/2014 6:54		39.5	25.9	7	27.6	-0.62	26	---	-46.2	-52.41	0	No change,,,,,,,
S2P01OC1	SEC2P01OC1	1/30/2014 6:54	ADJ	39.5	25.9	7	27.6	-0.52	26	---	-47.5	-52.41	---	
S2P01OC1 was abandoned in accordance with the 01/02/14 approval.														
S2P01OC2	SEC2P01OC2	1/29/2014 10:14		59.2	39.8	0.9	0.1	-0.14	92	---	-47.9	-47.96	---	No change,,,,,,,
S2P01OC2	SEC2P01OC2	1/29/2014 10:14	ADJ	59.2	39.8	0.9	0.1	-0.13	92	---	-47.9	-47.96	---	
S2P01OC2	SEC2P01OC2	2/13/2014 8:09		51.8	44.5	1.7	2	0.15	88	23	-43.2	-44.79	---	Closed valve 1/2 to 1 turn,,,,,,,
S2P01OC2	SEC2P01OC2	2/13/2014 8:09	ADJ	51.8	44.5	1.7	2	-0.35	90	23	-41.6	-44.79	---	
S2P01OC2	SEC2P01OC2	3/17/2014 14:23		50.5	48.6	0.7	0.2	-0.05	108	---	-49	-49.28	90	No change,,,,,,,
S2P01OC2	SEC2P01OC2	3/17/2014 14:23	ADJ	50.5	48.6	0.7	0.2	0.22	108	27	-48.9	-49.28	90	
S2P01OC2	SEC2P01OC2	4/1/2014 14:34		51.5	47.6	0.8	0.1	0.2	117	25	-44.1	-43.69	30	No change,,,,,,,
S2P01OC2	SEC2P01OC2	4/1/2014 14:34	ADJ	51.5	47.6	0.8	0.1	-0.17	116	25	-43.9	-43.69	30	
S2P01OC2	SEC2P01OC2	5/15/2014 11:12		53	46.9	0	0.1	-0.38	132	---	-44.9	-45.41	---	No change,,,,,,,
S2P01OC2	SEC2P01OC2	5/15/2014 11:12	ADJ	53	46.9	0	0.1	-0.29	132	---	-44.7	-45.41	---	
S2P01OC2	SEC2P01OC2	5/19/2014 13:26		52.4	46.9	0.5	0.2	0.03	128	9	-43.9	-44	---	No change,,,,,,,
S2P01OC2	SEC2P01OC2	5/19/2014 13:26	ADJ	52.4	46.9	0.5	0.2	0.04	129	11	-44	-44	---	
S2P01OC2	SEC2P01OC2	6/10/2014 14:28		53.7	45.5	0.7	0.1	0.24	138	28	-41.1	-40.81	---	No change,,,,,,,
S2P01OC2	SEC2P01OC2	6/10/2014 14:28	ADJ	53.7	45.5	0.7	0.1	0.09	139	17	-40.7	-40.81	---	
S2P01OC2	SEC2P01OC2	6/12/2014 15:24		52.2	47.5	0.1	0.2	0.04	127	10	-36.4	-35.67	---	Closed valve 1/2 turn or less,,,,,,,
S2P01OC2	SEC2P01OC2	6/12/2014 15:24	ADJ	52.2	47.5	0.1	0.2	0.04	126	12	-35.6	-35.67	---	
S2P01OC2	SEC2P01OC2	7/16/2014 11:27		54.2	45.2	0.4	0.2	0.14	136	22	-16.7	-31.16	---	No change,,,,,,,
S2P01OC2	SEC2P01OC2	7/16/2014 11:27	ADJ	54.2	45.2	0.4	0.2	0.06	137	14	-16.7	-31.16	---	
S2P01OC2	SEC2P01OC2	7/21/2014 11:23		53.2	46.4	0.2	0.2	0.04	129	12	-10	-33.86	---	Closed valve 1/2 turn or less,,,,,,,
S2P01OC2	SEC2P01OC2	7/21/2014 11:23	ADJ	53.2	46.4	0.2	0.2	0.04	128	12	-9.7	-33.86	---	
S2P01OC2	SEC2P01OC2	8/12/2014 12:30		48.6	51.2	0.1	0.1	-0.11	128	---	-0.8	-33.18	---	Closed valve 1/2 turn or less,,,,,,,
S2P01OC2	SEC2P01OC2	8/12/2014 12:30	ADJ	48.6	51.2	0.1	0.1	-0.2	127	---	-0.7	-33.18	---	
S2P01OC2	SEC2P01OC2	9/23/2014 5:55		53.1	43.3	3.4	0.2	0.02	140	8	-23.5	-35.8	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P01OC2	SEC2P01OC2	9/23/2014 5:55	ADJ	53.1	43.3	3.4	0.2	0.02	140	8	-22.8	-35.8	---	
S2P01OC2	SEC2P01OC2	9/23/2014 5:58		53.1	43.1	3.7	0.1	0.01	138	4	-19.5	-38.3	---	No change,Valve barely open,,,,,,
S2P01OC2	SEC2P01OC2	9/23/2014 5:58	ADJ	53.1	43.1	3.7	0.1	0.01	129	5	-15.6	-38.3	---	
S2P01OC2	SEC2P01OC2	10/13/2014 7:10		50.2	48.9	0.7	0.2	0.55	144	43	-24.2	-29.25	---	No change,,,,,,,
S2P01OC2	SEC2P01OC2	10/13/2014 7:10	ADJ	50.2	48.9	0.7	0.2	0.44	144	39	-24.4	-29.25	---	
S2P01OC2	SEC2P01OC2	11/25/2014 13:42		52.4	47.4	0.1	0.1	0.08	116	16	-2.5	-2.62	---	No change,,,,,,,
S2P01OC2	SEC2P01OC2	11/25/2014 13:42	ADJ	52.4	47.4	0.1	0.1	0.12	116	21	-2.5	-2.62	---	
S2P01OC2	SEC2P01OC2	12/22/2014 6:14		51.5	48.2	0.1	0.2	0.22	139	27	-37.2	-38.41	---	No change,,,,,,,
S2P01OC2	SEC2P01OC2	12/22/2014 6:14	ADJ	51.5	48.2	0.1	0.2	0.23	139	27	-37.2	-38.41	---	
S2P01OC3	SEC2P01OC3	1/29/2014 11:21		0.2	4.7	22	73.1	-0.09	36	---	-0.2	-25.94	---	No change,,,,,,,
S2P01OC3	SEC2P01OC3	1/29/2014 11:21	ADJ	0.2	4.7	22	73.1	-0.07	36	---	-0.1	-25.94	---	
S2P01OC3	SEC2P01OC3	1/29/2014 11:22		0.3	4.3	22.2	73.2	-0.05	36	---	-0.2	-17.1	---	No change,,,,,,,
S2P01OC3	SEC2P01OC3	1/29/2014 11:22	ADJ	0.3	4.3	22.2	73.2	-0.05	36	---	-0.1	-17.1	---	
S2P01OC3 was abandoned in accordance with the 01/02/14 approval.														
S2P01OC4	SEC2P01OC4	1/29/2014 11:29		8	11.9	18.8	61.3	-0.11	25	---	-47.4	-47.7	---	No change,,,,,,,
S2P01OC4	SEC2P01OC4	1/29/2014 11:29	ADJ	8	11.9	18.8	61.3	-0.1	25	---	-47.6	-47.7	---	
S2P01OC4	SEC2P01OC4	1/29/2014 11:30		8.3	11.6	19	61.1	-0.08	25	---	-46.6	-46.26	---	No change,,,,,,,
S2P01OC4	SEC2P01OC4	1/29/2014 11:30	ADJ	8.3	11.6	19	61.1	-0.06	25	---	-46.4	-46.26	---	
S2P01OC4 was abandoned in accordance with the 01/02/14 approval.														

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
S2P01OC5	SEC2P01OC5	1/30/2014 8:38		53.2	42	2	2.8	0.27	70	32	-52.2	-49.6	---	No change,,,,,,,
S2P01OC5	SEC2P01OC5	1/30/2014 8:38	ADJ	53.2	42	2	2.8	-0.84	70	32	-49.5	-49.6	---	
S2P01OC5	SEC2P01OC5	2/13/2014 8:58		32.5	26.7	10.3	30.5	-0.24	37	---	-49.2	-49.82	---	Closed valve 1/2 to 1 turn,,,,,,,
S2P01OC5	SEC2P01OC5	2/13/2014 8:58	ADJ	32.5	26.7	10.3	30.5	-0.02	39	---	-49.5	-49.82	---	
S2P01OC5	SEC2P01OC5	2/13/2014 9:02		33.7	32.7	8.2	25.4	-0.48	48	---	-49.1	-49.56	---	No change,,,,,,,
S2P01OC5	SEC2P01OC5	2/13/2014 9:02	ADJ	33.7	32.7	8.2	25.4	-0.36	48	---	-50.3	-49.56	---	
S2P01OC5	SEC2P01OC5	2/25/2014 13:44		49.6	39.9	3.9	6.6	0.22	70	29	-33.2	-43.45	---	Closed valve 1/2 turn or less,,,,,,,
S2P01OC5	SEC2P01OC5	2/25/2014 13:44	ADJ	49.6	39.9	3.9	6.6	-0.13	72	29	-35	-43.45	---	
S2P01OC5	SEC2P01OC5	3/17/2014 12:46		51.1	42.3	3.6	3	0.09	79	17	-52.3	-52.68	30	Closed valve 1/2 turn or less,,,,,,,
S2P01OC5	SEC2P01OC5	3/17/2014 12:46	ADJ	51.1	42.3	3.6	3	0.29	78	32	-52.3	-52.68	30	
S2P01OC5	SEC2P01OC5	4/1/2014 14:10		47.4	43.6	2.8	6.2	-0.6	75	---	-47.6	-47.7	5	No change,,,,,,,
S2P01OC5	SEC2P01OC5	4/1/2014 14:10	ADJ	47.4	43.6	2.8	6.2	-0.55	76	---	-48.6	-47.7	5	
S2P01OC5	SEC2P01OC5	5/15/2014 9:48		51.9	47.8	0.1	0.2	-0.01	84	---	-54.5	-54.57	---	No change,,,,,,,
S2P01OC5	SEC2P01OC5	5/15/2014 9:48	ADJ	51.9	47.8	0.1	0.2	-0.04	85	---	-55.9	-54.57	---	
S2P01OC5	SEC2P01OC5	6/10/2014 13:25		51.5	48	0.3	0.2	0.01	96	6	-51.1	-53.2	---	No change,,,,,,,
S2P01OC5	SEC2P01OC5	6/10/2014 13:25	ADJ	51.5	48	0.3	0.2	0.01	97	6	-50.7	-53.2	---	
S2P01OC5	SEC2P01OC5	6/27/2014 12:04		52.4	46.8	0.7	0.1	0.27	91	30	-52.2	-53.84	---	No change,,,,,,,
S2P01OC5	SEC2P01OC5	6/27/2014 12:04	ADJ	52.4	46.8	0.7	0.1	0.02	91	9	-53	-53.84	---	
S2P01OC5	SEC2P01OC5	7/16/2014 13:47		52.8	46.7	0.4	0.1	0.14	101	22	-53.2	-53.9	---	No change,,,,,,,
S2P01OC5	SEC2P01OC5	7/16/2014 13:47	ADJ	52.8	46.7	0.4	0.1	0.23	101	28	-51.8	-53.9	---	
S2P01OC5	SEC2P01OC5	8/12/2014 9:23		54.4	43.2	1.1	1.3	-0.47	100	---	-52.1	-56.31	---	Opened valve 1/2 turn or less,,,,,,,
S2P01OC5	SEC2P01OC5	8/12/2014 9:23	ADJ	54.4	43.2	1.1	1.3	0.07	100	15	-53.4	-56.31	---	
S2P01OC5	SEC2P01OC5	8/18/2014 14:12		23.3	15.2	15.1	46.4	-0.07	76	---	-50	-50.11	---	Closed valve 1/2 turn or less,,,,,,,
S2P01OC5	SEC2P01OC5	8/18/2014 14:12	ADJ	23.3	15.2	15.1	46.4	-0.01	76	---	-50	-50.11	---	
S2P01OC5	SEC2P01OC5	8/18/2014 14:13		21.9	14.4	15.3	48.4	-0.02	78	---	-50	-50.14	---	No change,,,,,,,
S2P01OC5	SEC2P01OC5	8/18/2014 14:13	ADJ	21.9	14.4	15.3	48.4	-0.02	78	---	-50	-50.14	---	
S2P01OC5	SEC2P01OC5	8/29/2014 13:17		52.4	47.1	0.3	0.2	-0.24	94	---	-43.2	-45.86	---	,,,,,,,
S2P01OC5	SEC2P01OC5	8/29/2014 13:17	ADJ	52.4	47.1	0.3	0.2	0.03	94	10	-45.4	-45.86	---	
S2P01OC5	SEC2P01OC5	8/29/2014 13:17		52.4	47.1	0.3	0.2	-0.24	94	---	-43.2	-46.83	---	No change,,,,,,,
S2P01OC5	SEC2P01OC5	8/29/2014 13:17	ADJ	52.4	47.1	0.3	0.2	0.02	94	9	-46.8	-46.83	---	
S2P01OC5	SEC2P01OC5	9/22/2014 13:01		53.6	46.1	0.1	0.2	-0.07	95	---	-48.2	-51.95	---	No change,,,,,,,
S2P01OC5	SEC2P01OC5	9/22/2014 13:01	ADJ	53.6	46.1	0.1	0.2	0.33	96	34	-49.5	-51.95	---	
S2P01OC5	SEC2P01OC5	10/10/2014 15:45		53	46.4	0.4	0.2	0.06	87	14	-50.1	-50.52	---	No change,,,,,,,
S2P01OC5	SEC2P01OC5	10/10/2014 15:45	ADJ	53	46.4	0.4	0.2	0.02	88	7	-50.1	-50.52	---	
S2P01OC5	SEC2P01OC5	11/25/2014 14:33		52.3	47.5	0.1	0.1	0.15	72	23	-50.2	-50.83	---	No change,,,,,,,
S2P01OC5	SEC2P01OC5	11/25/2014 14:33	ADJ	52.3	47.5	0.1	0.1	-0.15	76	23	-50.2	-50.83	---	
S2P01OC5	SEC2P01OC5	12/22/2014 7:57		50.2	49.4	0.3	0.1	0.08	69	17	-49.1	-50.5	---	No change,Watered out,,,,,,
S2P01OC5	SEC2P01OC5	12/22/2014 7:57	ADJ	50.2	49.4	0.3	0.1	0.12	68	20	-50.3	-50.5	---	
S2P01OC6	SEC2P01OC6	1/30/2014 8:41		49.7	32.4	4.6	13.3	-0.24	30	---	-51.9	-52.04	---	No change,,,,,,,
S2P01OC6	SEC2P01OC6	1/30/2014 8:41	ADJ	49.7	32.4	4.6	13.3	-0.25	30	---	-51.9	-52.04	---	
S2P01OC6	SEC2P01OC6	2/13/2014 8:50		0.7	11	20.5	67.8	-0.15	19	---	-50	-50.26	---	Closed valve 1/2 turn or less,,,,,,,
S2P01OC6	SEC2P01OC6	2/13/2014 8:50	ADJ	0.7	11	20.5	67.8	-0.14	19	---	-50.5	-50.26	---	
S2P01OC6	SEC2P01OC6	2/13/2014 8:51		0.7	10.8	20.9	67.6	-0.14	19	---	-49.9	-50.15	---	No change,,,,,,,
S2P01OC6	SEC2P01OC6	2/13/2014 8:51	ADJ	0.7	10.8	20.9	67.6	-0.24	19	---	-50.4	-50.15	---	
S2P01OC6	SEC2P01OC6	2/25/2014 13:51		29.3	20.2	12.1	38.4	-0.04	76	---	-47.1	-47.6	---	Closed valve 1/2 turn or less,,,,,,,
S2P01OC6	SEC2P01OC6	2/25/2014 13:51	ADJ	29.3	20.2	12.1	38.4	-0.08	76	---	-35.3	-47.6	---	
S2P01OC6	SEC2P01OC6	2/25/2014 13:56		25.5	17.5	13.9	43.1	0.04	76	11	-46.9	-47.62	---	Closed valve 1/2 turn or less,,,,,,,
S2P01OC6	SEC2P01OC6	2/25/2014 13:56	ADJ	25.5	17.5	13.9	43.1	-0.1	76	11	-47.7	-47.62	---	
S2P01OC6	SEC2P01OC6	3/5/2014 13:43		29.6	20.4	11.5	38.5	-0.2	36	---	-37.3	-47.4	---	Closed valve 1/2 turn or less,,,,,,,
S2P01OC6	SEC2P01OC6	3/5/2014 13:43	ADJ	29.6	20.4	11.5	38.5	-0.15	35	---	-41.3	-47.4	---	
S2P01OC6	SEC2P01OC6	3/8/2014 7:22		60.8	38.7	0.4	0.1	-0.03	70	---	-30.6	-47.12	20	No change,,,,,,,
S2P01OC6	SEC2P01OC6	3/8/2014 7:22	ADJ	60.8	38.7	0.4	0.1	-0.02	70	---	-35.3	-47.12	20	
S2P01OC6	SEC2P01OC6	4/2/2014 9:08		62.3	35.5	1.2	1	-0.55	50	---	-49.5	-49.7	1	No change,,,,,,,
S2P01OC6	SEC2P01OC6	4/2/2014 9:08	ADJ	62.3	35.5	1.2	1	-0.63	50	---	-49.5	-49.7	1	
S2P01OC6	SEC2P01OC6	5/15/2014 9:46		51.7	31.6	4.2	12.5	-0.03	63	---	-56	-56.09	---	Closed valve 1/2 turn or less,,,,,,,
S2P01OC6	SEC2P01OC6	5/15/2014 9:46	ADJ	51.7	31.6	4.2	12.5	-0.01	63	---	-56	-56.09	---	
S2P01OC6	SEC2P01OC6	6/10/2014 11:13		59.8	39.6	0.4	0.2	0.19	82	28	-0.1	-55.35	---	No change,,,,,,,
S2P01OC6	SEC2P01OC6	6/10/2014 11:13	ADJ	59.8	39.6	0.4	0.2	0.13	83	23	-0.1	-55.35	---	
S2P01OC6	SEC2P01OC6	6/10/2014 13:23		58.5	34.8	2.1	4.6	0	85	2	-55.3	-55.27	---	No change,,,,,,,
S2P01OC6	SEC2P01OC6	6/10/2014 13:23	ADJ	58.5	34.8	2.1	4.6	0.04	85	12	-55.2	-55.27	---	
S2P01OC6	SEC2P01OC6	7/16/2014 13:43		55.5	32.3	2.9	9.3	0.03	90	11	-55.5	-55.65	---	No change,,,,,,,
S2P01OC6	SEC2P01OC6	7/16/2014 13:43	ADJ	55.5	32.3	2.9	9.3	-0.02	90	11	-55.5	-55.65	---	
S2P01OC6	SEC2P01OC6	8/18/2014 15:04		48.8	36.8	4	10.4	-0.02	83	---	-47.3	-50.55	---	Closed valve 1/2 turn or less,,,,,,,
S2P01OC6	SEC2P01OC6	8/18/2014 15:04	ADJ	48.8	36.8	4	10.4	-0.02	83	---	-47.7	-50.55	---	
S2P01OC6	SEC2P01OC6	9/23/2014 6:17		55.5	37	1.9	5.6	-0.01	65	---	-52.2	-52.28	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P01OC6	SEC2P01OC6	9/23/2014 6:17	ADJ	55.5	37	1.9	5.6	-0.01	72	---	-52.1	-52.28	---	
S2P01OC6	SEC2P01OC6	10/13/2014 7:45		48.7	36.8	4.7	9.8	0.14	55	23	-49.6	-49.65	---	Closed valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P01OC6	SEC2P01OC6	10/13/2014 7:45	ADJ	48.7	36.8	4.7	9.8	-0.04	54	23	-49.4	-49.65	---	
S2P01OC6	SEC2P01OC6	11/28/2014 12:24		56.7	42.6	0.5	0.2	0.07	39	16	-48.8	-49.6	---	Opened valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P01OC6	SEC2P01OC6	11/28/2014 12:24	ADJ	56.7	42.6	0.5	0.2	0.07	36	17	-49.4	-49.6	---	
S2P01OC6	SEC2P01OC6	12/26/2014 7:13		56.1	43.2	0.5	0.2	0.1	44	19	-53.2	-53.21	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P01OC6	SEC2P01OC6	12/26/2014 7:13	ADJ	56.1	43.2	0.5	0.2	0.09	42	19	-53	-53.21	---	
S2P02OC1	SEC2P02OC1	1/30/2014 7:00		60.1	34.9	1.9	3.1	0.01	111	4	-51.9	-51.95	---	No change,,,,,,,
S2P02OC1	SEC2P02OC1	1/30/2014 7:00	ADJ	60.1	34.9	1.9	3.1	-0.22	111	4	-52	-51.95	---	
S2P02OC1	SEC2P02OC1	2/13/2014 8:33		57.8	40.2	1.5	0.5	0.22	101	28	-50	-49.3	---	No change,,,,,,,
S2P02OC1	SEC2P02OC1	2/13/2014 8:33	ADJ	57.8	40.2	1.5	0.5	0.48	100	42	-49.9	-49.3	---	
S2P02OC1	SEC2P02OC1	3/18/2014 8:52		54.1	39.2	1.9	4.8	0.08	98	16	-50.9	-51.11	90	No change,,,,,,,
S2P02OC1	SEC2P02OC1	3/18/2014 8:52	ADJ	54.1	39.2	1.9	4.8	0.15	97	23	-51.1	-51.11	90	
S2P02OC1	SEC2P02OC1	4/1/2014 13:23		57.7	40.8	1.4	0.1	-0.4	96	---	-48.1	-48.04	5	No change,,,,,,,
S2P02OC1	SEC2P02OC1	4/1/2014 13:23	ADJ	57.7	40.8	1.4	0.1	0.05	97	13	-48.3	-48.04	5	
S2P02OC1	SEC2P02OC1	5/15/2014 9:59		57.2	42.2	0.5	0.1	-0.01	109	---	-55.8	-55.85	---	No change,,,,,,,
S2P02OC1	SEC2P02OC1	5/15/2014 9:59	ADJ	57.2	42.2	0.5	0.1	-0.01	109	---	-55.8	-55.85	---	
S2P02OC1	SEC2P02OC1	6/10/2014 12:51		56.8	42.3	0.8	0.1	0.36	113	35	-55.8	-55.86	---	No change,,,,,,,
S2P02OC1	SEC2P02OC1	6/10/2014 12:51	ADJ	56.8	42.3	0.8	0.1	0.02	114	7	-55.4	-55.86	---	
S2P02OC1	SEC2P02OC1	7/16/2014 16:10		56	39.7	1.6	2.7	0.09	114	18	-55	-55.17	---	No change,,,,,,,
S2P02OC1	SEC2P02OC1	7/16/2014 16:10	ADJ	56	39.7	1.6	2.7	-0.16	114	18	-55	-55.17	---	
S2P02OC1	SEC2P02OC1	8/7/2014 6:07		43	32.9	4.5	19.6	0.23	-23	---	-55.6	-55.49	---	No change,,,,,,,
S2P02OC1	SEC2P02OC1	8/7/2014 6:07	ADJ	43	32.9	4.5	19.6	0.56	-23	---	-55.7	-55.49	---	
S2P02OC1	SEC2P02OC1	9/23/2014 6:47		52.9	42	0.2	4.9	25.37	76	332	-27	-51.79	---	Opened valve 1/2 turn or less,,,,,,,
S2P02OC1	SEC2P02OC1	9/23/2014 6:47	ADJ	52.9	42	0.2	4.9	21.09	79	301	-28.1	-51.79	---	
S2P02OC1	SEC2P02OC1	10/13/2014 7:57		43	31.7	4.5	20.8	-27.02	52	---	-3.2	-49.14	---	Opened valve 1/2 turn or less,,,,,,,
S2P02OC1	SEC2P02OC1	10/13/2014 7:57	ADJ	43	31.7	4.5	20.8	-27.87	53	---	-4	-49.14	---	
S2P02OC1	SEC2P02OC1	11/28/2014 12:14		56.6	42.6	0.6	0.2	-0.26	30	---	-45.4	-50.33	---	Opened valve 1/2 turn or less,,,,,,,
S2P02OC1	SEC2P02OC1	11/28/2014 12:14	ADJ	56.6	42.6	0.6	0.2	-0.1	30	---	-45.5	-50.33	---	
S2P02OC1	SEC2P02OC1	12/22/2014 10:23		57.5	40.3	1.2	1	-0.06	47	---	-50	-50.09	---	Closed valve 1/2 turn or less,,,,,,,
S2P02OC1	SEC2P02OC1	12/22/2014 10:23	ADJ	57.5	40.3	1.2	1	0.04	47	11	-49.1	-50.09	---	
S2P02OC2	SEC2P02OC2	1/30/2014 7:04		61.1	36.8	0.8	1.3	-0.58	50	---	-2.8	-51.39	---	Opened valve 1/2 turn or less,,,,,,,
S2P02OC2	SEC2P02OC2	1/30/2014 7:04	ADJ	61.1	36.8	0.8	1.3	-0.43	50	---	-3.2	-51.39	---	
S2P02OC2	SEC2P02OC2	2/13/2014 8:18		53.2	36.2	1.8	8.8	0.44	50	45	-5.4	-49.3	---	No change,,,,,,,
S2P02OC2	SEC2P02OC2	2/13/2014 8:18	ADJ	53.2	36.2	1.8	8.8	0.32	51	38	-5.4	-49.3	---	
S2P02OC2	SEC2P02OC2	3/18/2014 8:48		53.7	36.5	1.1	8.7	0.37	53	41	-6	-51.26	10	Opened valve 1/2 turn or less,,,,,,,
S2P02OC2	SEC2P02OC2	3/18/2014 8:48	ADJ	53.7	36.5	1.1	8.7	0.5	53	48	-6.5	-51.26	10	
S2P02OC2	SEC2P02OC2	4/1/2014 14:21		45.7	32.1	3.2	19	0.26	48	34	-0.1	-48.78	1	No change,,,,,,,
S2P02OC2	SEC2P02OC2	4/1/2014 14:21	ADJ	45.7	32.1	3.2	19	0.3	49	37	-0.2	-48.78	1	
S2P02OC2	SEC2P02OC2	5/15/2014 10:04		42.2	30.3	4.8	22.7	0	66	---	-13.4	-56.07	---	Closed valve 1/2 turn or less,,,,,,,
S2P02OC2	SEC2P02OC2	5/15/2014 10:04	ADJ	42.2	30.3	4.8	22.7	0	66	4	-12.6	-56.07	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
S2P02OC2	SEC2P02OC2	6/10/2014 12:48		52.3	37.7	0.8	9.2	0.03	79	11	-1.5	-55.48	---	No change,,,,,,,
S2P02OC2	SEC2P02OC2	6/10/2014 12:48	ADJ	52.3	37.7	0.8	9.2	0.04	79	12	-1.6	-55.48	---	
S2P02OC2	SEC2P02OC2	7/16/2014 16:08		56.3	43.3	0.3	0.1	0.19	87	28	-0.2	-55.59	---	No change,,,,,,,
S2P02OC2	SEC2P02OC2	7/16/2014 16:08	ADJ	56.3	43.3	0.3	0.1	0.16	87	25	-0.2	-55.59	---	
S2P02OC2	SEC2P02OC2	8/6/2014 12:46		56.4	38.1	0.8	4.7	0.06	95	15	-1.2	-56.58	---	No change,,,,,,,
S2P02OC2	SEC2P02OC2	8/6/2014 12:46	ADJ	56.4	38.1	0.8	4.7	0.11	95	21	-1.2	-56.58	---	
S2P02OC2	SEC2P02OC2	9/23/2014 6:51		43	33.1	2.3	21.6	0.14	85	24	-2.2	-52.05	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P02OC2	SEC2P02OC2	9/23/2014 6:51	ADJ	43	33.1	2.3	21.6	0.09	85	19	-2.1	-52.05	---	
S2P02OC2	SEC2P02OC2	10/13/2014 7:51		44	32.4	4.1	19.5	0.16	96	25	-8.3	-49.12	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P02OC2	SEC2P02OC2	10/13/2014 7:51	ADJ	44	32.4	4.1	19.5	0.08	96	18	-7.5	-49.12	---	
S2P02OC2	SEC2P02OC2	11/29/2014 7:42		15.5	11.5	18.4	54.6	0	87	---	-6.7	-46.44	---	Closed valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P02OC2	SEC2P02OC2	11/29/2014 7:42	ADJ	15.5	11.5	18.4	54.6	0.01	87	6	-6	-46.44	---	
S2P02OC2	SEC2P02OC2	11/29/2014 7:44		3.7	3.6	19.5	73.2	0.05	87	14	-5	-46.5	---	Closed valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P02OC2	SEC2P02OC2	11/29/2014 7:44	ADJ	3.7	3.6	19.5	73.2	-0.01	87	14	-4.9	-46.5	---	
S2P02OC2 was abandoned in accordance with the 12/12/14 approval.														
S2P04OC1	SEC2P04OC1	1/30/2014 9:09		49.3	39.1	2.9	8.7	-0.03	32	---	-6.3	-53.67	---	No change,,,,,,,
S2P04OC1	SEC2P04OC1	1/30/2014 9:09	ADJ	49.3	39.1	2.9	8.7	-0.04	32	---	-6.2	-53.67	---	
S2P04OC1	SEC2P04OC1	2/13/2014 11:16		1.5	15.5	16.9	66.1	-0.13	24	---	-26.2	-53.91	---	Closed valve 1/2 to 1 turn,,,,,,,
S2P04OC1	SEC2P04OC1	2/13/2014 11:16	ADJ	1.5	15.5	16.9	66.1	-0.09	24	---	-14.2	-53.91	---	
S2P04OC1	SEC2P04OC1	2/13/2014 11:17		1.6	14	10.5	73.9	-0.04	24	---	-8.8	-53.86	---	No change,,,,,,,
S2P04OC1	SEC2P04OC1	2/13/2014 11:17	ADJ	1.6	14	10.5	73.9	-0.03	24	---	-8	-53.86	---	
S2P04OC1	SEC2P04OC1	2/25/2014 9:11		0.3	0.7	23.2	75.8	0.01	20	18	-55.1	-37.09	---	Closed valve 1/2 turn or less,,,,,,,
S2P04OC1	SEC2P04OC1	2/25/2014 9:11	ADJ	0.3	0.7	23.2	75.8	0.01	20	15	-43.8	-37.09	---	
S2P04OC1	SEC2P04OC1	2/25/2014 9:16		36.3	31.9	4.8	27	0.06	20	47	-14.4	-55.25	---	No change,,,,,,,
S2P04OC1	SEC2P04OC1	2/25/2014 9:16	ADJ	36.3	31.9	4.8	27	0.05	20	44	-14	-55.25	---	
S2P04OC1	SEC2P04OC1	3/17/2014 12:20		58.9	27.1	1.6	12.4	-0.04	26	---	-55.2	-55.5	10	No change,,,,,,,
S2P04OC1	SEC2P04OC1	3/17/2014 12:20	ADJ	58.9	27.1	1.6	12.4	0.11	25	64	-54.6	-55.5	10	
S2P04OC1	SEC2P04OC1	4/1/2014 13:37		1.4	4.9	20.8	72.9	-0.13	33	---	-13.5	-50.16	---	Closed valve 1/2 turn or less,,,,,,,
S2P04OC1	SEC2P04OC1	4/1/2014 13:37	ADJ	1.4	4.9	20.8	72.9	-0.13	33	---	-13.5	-50.16	---	
S2P04OC1	SEC2P04OC1	4/1/2014 13:38		1.3	3.8	20.9	74	-0.17	32	---	-13	-50.36	1	No change,,,,,,,
S2P04OC1	SEC2P04OC1	4/1/2014 13:38	ADJ	1.3	3.8	20.9	74	-0.16	32	---	-13	-50.36	1	
S2P04OC1	SEC2P04OC1	4/7/2014 14:55		25.7	25	0.8	48.5	-0.03	55	---	-47.1	-47.22	---	Opened valve 1/2 turn or less,,,,,,,
S2P04OC1	SEC2P04OC1	4/7/2014 14:55	ADJ	25.7	25	0.8	48.5	0.09	56	54	-47.4	-47.22	---	
S2P04OC1	SEC2P04OC1	4/7/2014 14:56		25.7	25	0.8	48.5	-0.03	55	---	-47.1	-46.46	---	Opened valve 1/2 turn or less,,,,,,,
S2P04OC1	SEC2P04OC1	4/7/2014 14:56	ADJ	25.7	25	0.8	48.5	0.06	56	45	-47.3	-46.46	---	
S2P04OC1	SEC2P04OC1	5/15/2014 9:21		48.4	35.2	4.2	12.2	-0.16	52	---	-56.9	-56.93	---	Opened valve 1/2 turn or less,,,,,,,
S2P04OC1	SEC2P04OC1	5/15/2014 9:21	ADJ	48.4	35.2	4.2	12.2	0.08	53	51	-56.7	-56.93	---	
S2P04OC1	SEC2P04OC1	6/12/2014 14:23		51.5	43.1	2.3	3.1	-0.1	70	---	-51.3	-51.92	---	Closed valve 1/2 turn or less,,,,,,,
S2P04OC1	SEC2P04OC1	6/12/2014 14:23	ADJ	51.5	43.1	2.3	3.1	-0.06	70	---	-51	-51.92	---	
S2P04OC1	SEC2P04OC1	7/16/2014 13:18		47.9	34.1	4.7	13.3	-0.02	88	---	-57.2	-57.25	---	No change,,,,,,,
S2P04OC1	SEC2P04OC1	7/16/2014 13:18	ADJ	47.9	34.1	4.7	13.3	0.02	88	26	-57.2	-57.25	---	
S2P04OC1	SEC2P04OC1	8/18/2014 15:14		47.9	42.2	3.5	6.4	0.04	86	35	-52.4	-52.51	---	Closed valve 1/2 turn or less,,,,,,,
S2P04OC1	SEC2P04OC1	8/18/2014 15:14	ADJ	47.9	42.2	3.5	6.4	-0.06	86	35	-52.3	-52.51	---	
S2P04OC1	SEC2P04OC1	9/22/2014 12:35		53.3	38.6	3.3	4.8	0.06	82	41	-54.3	-54.32	---	No change,,,,,,,
S2P04OC1	SEC2P04OC1	9/22/2014 12:35	ADJ	53.3	38.6	3.3	4.8	0.06	82	44	-54.4	-54.32	---	
S2P04OC1	SEC2P04OC1	10/13/2014 7:31		37.9	33	6.2	22.9	-0.03	50	---	-49.4	-49.33	---	Closed valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P04OC1	SEC2P04OC1	10/13/2014 7:31	ADJ	37.9	33	6.2	22.9	-0.01	50	---	-49.2	-49.33	---	
S2P04OC1	SEC2P04OC1	10/13/2014 7:32		48.5	40.9	3.9	6.7	-0.01	50	---	-48.7	-49.05	---	No change,Valve barely open,,,,,,
S2P04OC1	SEC2P04OC1	10/13/2014 7:32	ADJ	48.5	40.9	3.9	6.7	-0.04	50	---	-48.8	-49.05	---	
S2P04OC1	SEC2P04OC1	11/29/2014 7:53		1.4	3.5	18.4	76.7	-0.05	34	---	-17.1	-48.08	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P04OC1	SEC2P04OC1	11/29/2014 7:53	ADJ	1.4	3.5	18.4	76.7	-0.05	33	---	-16.6	-48.08	---	
S2P04OC1	SEC2P04OC1	11/29/2014 7:55		1.4	3.5	18.6	76.5	-0.06	31	---	-15.6	-48.01	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P04OC1	SEC2P04OC1	11/29/2014 7:55	ADJ	1.4	3.5	18.6	76.5	-0.05	31	---	-15.3	-48.01	---	
S2P04OC1 was abandoned in accordance with the 12/12/14 approval.														
S2P04OC2	SEC2P04OC2	1/30/2014 9:07		55.3	44.2	0.3	0.2	0.04	100	12	-0.3	-53.34	---	Opened valve 1/2 turn or less,,,,,,,
S2P04OC2	SEC2P04OC2	1/30/2014 9:07	ADJ	55.3	44.2	0.3	0.2	0.11	100	21	-0.9	-53.34	---	
S2P04OC2	SEC2P04OC2	2/12/2014 12:03		55.1	44.4	0.3	0.2	0.12	115	20	-44.1	-44.52	---	No change,,,,,,,
S2P04OC2	SEC2P04OC2	2/12/2014 12:03	ADJ	55.1	44.4	0.3	0.2	0.05	108	13	-44.1	-44.52	---	
S2P04OC2	SEC2P04OC2	2/13/2014 11:19		56.2	43	0.6	0.2	0.12	108	22	-0.6	-53.72	---	Opened valve 1/2 turn or less,,,,,,,
S2P04OC2	SEC2P04OC2	2/13/2014 11:19	ADJ	56.2	43	0.6	0.2	0.16	110	25	-0.9	-53.72	---	
S2P04OC2	SEC2P04OC2	3/17/2014 12:23		54.2	45.5	0.2	0.1	0.29	107	33	-2.6	-54.6	1	Opened valve 1/2 turn or less,,,,,,,
S2P04OC2	SEC2P04OC2	3/17/2014 12:23	ADJ	54.2	45.5	0.2	0.1	0.26	110	31	-2.7	-54.6	1	
S2P04OC2	SEC2P04OC2	4/2/2014 9:11		57.9	37.1	0.7	4.3	0.53	123	46	-3.9	-51.19	1	No change,,,,,,,
S2P04OC2	SEC2P04OC2	4/2/2014 9:11	ADJ	57.9	37.1	0.7	4.3	0.39	124	39	-4.4	-51.19	1	
S2P04OC2	SEC2P04OC2	5/15/2014 9:24		55.8	44	0	0.2	-0.29	75	---	-0.7	-56.68	---	Opened valve 1/2 turn or less,,,,,,,
S2P04OC2	SEC2P04OC2	5/15/2014 9:24	ADJ	55.8	44	0	0.2	0.05	106	13	-1.3	-56.68	---	
S2P04OC2	SEC2P04OC2	6/10/2014 13:04		55.1	44.5	0.2	0.2	0.02	90	8	-0.5	-56.07	---	No change,,,,,,,
S2P04OC2	SEC2P04OC2	6/10/2014 13:04	ADJ	55.1	44.5	0.2	0.2	0.03	90	10	-0.5	-56.07	---	
S2P04OC2	SEC2P04OC2	7/16/2014 13:22		58.3	39.7	1.8	0.2	0.04	126	12	-1.5	-56	---	Closed valve 1/2 turn or less,,,,,,,
S2P04OC2	SEC2P04OC2	7/16/2014 13:22	ADJ	58.3	39.7	1.8	0.2	0.04	123	13	-1.4	-56	---	
S2P04OC2	SEC2P04OC2	8/12/2014 9:05		39.5	34	2.2	24.3	-0.26	129	---	-4.4	-56.51	---	Closed valve 1/2 turn or less,,,,,,,
S2P04OC2	SEC2P04OC2	8/12/2014 9:05	ADJ	39.5	34	2.2	24.3	-0.47	126	---	-4.2	-56.51	---	
S2P04OC2	SEC2P04OC2	9/22/2014 12:38		56.6	43.2	0	0.2	-0.44	83	---	2.2	-54.29	---	Opened valve 1/2 turn or less,,,,,,,
S2P04OC2	SEC2P04OC2	9/22/2014 12:38	ADJ	56.6	43.2	0	0.2	0.74	121	55	-0.2	-54.29	---	
S2P04OC2	SEC2P04OC2	10/10/2014 16:01		55.6	44.3	0	0.1	0.08	86	18	-0.7	-48.78	---	Opened valve 1/2 turn or less,,,,,,,
S2P04OC2	SEC2P04OC2	10/10/2014 16:01	ADJ	55.6	44.3	0	0.1	0.22	118	29	-1.7	-48.78	---	
S2P04OC2	SEC2P04OC2	11/25/2014 14:52		56	43.7	0.2	0.1	-0.11	76	---	-1.2	-51.23	---	Opened valve 1/2 turn or less,,,,,,,
S2P04OC2	SEC2P04OC2	11/25/2014 14:52	ADJ	56	43.7	0.2	0.1	0.33	87	37	-1.7	-51.23	---	
S2P04OC2	SEC2P04OC2	12/22/2014 8:30		47	40.3	2.7	10	0.28	75	34	-3.6	-50.73	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P04OC2	SEC2P04OC2	12/22/2014 8:30	ADJ	47	40.3	2.7	10	0.47	82	44	-4	-50.73	---	
S2P04OC3	SEC2P04OC3	1/30/2014 9:00		0.8	13.9	19.1	66.2	-0.27	30	---	-54.1	-54.15	---	Closed valve 1/2 turn or less,,,,,,,
S2P04OC3	SEC2P04OC3	1/30/2014 9:00	ADJ	0.8	13.9	19.1	66.2	-0.26	30	---	-54	-54.15	---	
S2P04OC3	SEC2P04OC3	1/30/2014 9:01		0.8	12.8	19.6	66.8	-0.24	30	---	-54	-54.16	---	No change,,,,,,,
S2P04OC3	SEC2P04OC3	1/30/2014 9:01	ADJ	0.8	12.8	19.6	66.8	-0.22	30	---	-54.1	-54.16	---	
S2P04OC3	SEC2P04OC3	2/10/2014 6:38		0.4	8.3	20.8	70.5	-0.19	10	---	-53.8	-53.59	---	Closed valve 1/2 turn or less,,,,,,,
S2P04OC3	SEC2P04OC3	2/10/2014 6:38	ADJ	0.4	8.3	20.8	70.5	-0.18	10	---	-53.8	-53.59	---	
S2P04OC3	SEC2P04OC3	2/10/2014 6:41		0.2	4.8	21.5	73.5	-0.16	10	---	-54	-53.69	---	No change,,,,,,,
S2P04OC3	SEC2P04OC3	2/10/2014 6:41	ADJ	0.2	4.8	21.5	73.5	-0.11	10	---	-54	-53.69	---	
S2P04OC3	SEC2P04OC3	2/13/2014 11:26		1	14.8	18.9	65.3	-0.21	24	---	-53.9	-53.62	---	Closed valve 1/2 turn or less,,,,,,,
S2P04OC3	SEC2P04OC3	2/13/2014 11:26	ADJ	1	14.8	18.9	65.3	-0.27	24	---	-53.5	-53.62	---	
S2P04OC3	SEC2P04OC3	2/13/2014 11:27		1	13.9	19.5	65.6	-0.33	24	---	-53.5	-54.26	---	No change,,,,,,,
S2P04OC3	SEC2P04OC3	2/13/2014 11:27	ADJ	1	13.9	19.5	65.6	-0.24	24	---	-54.1	-54.26	---	
S2P04OC3	SEC2P04OC3	3/5/2014 13:22		0.3	1.1	22.3	76.3	-0.15	39	---	-49	-49.11	---	Closed valve 1/2 turn or less,,,,,,,
S2P04OC3	SEC2P04OC3	3/5/2014 13:22	ADJ	0.3	1.1	22.3	76.3	-0.15	39	---	-49.1	-49.11	---	
S2P04OC3	SEC2P04OC3	3/8/2014 7:31		3.3	9.5	19.9	67.3	-0.12	20	---	-49.1	-49.11	---	No change,,,,,,,
S2P04OC3	SEC2P04OC3	3/8/2014 7:31	ADJ	3.3	9.5	19.9	67.3	-0.26	70	---	-34	-49.11	---	
S2P04OC3	SEC2P04OC3	3/8/2014 7:34		2.9	9.5	19.9	67.7	-0.1	20	---	-49.2	-49.07	---	Closed valve 1/2 turn or less,,,,,,,
S2P04OC3	SEC2P04OC3	3/8/2014 7:34	ADJ	2.9	9.5	19.9	67.7	-0.11	20	---	-49.3	-49.07	---	
S2P04OC3	SEC2P04OC3	3/11/2014 14:02		1.3	3.4	21	74.3	0.05	46	13	-53.3	-53.16	---	Closed valve 1/2 turn or less,,,,,,,
S2P04OC3	SEC2P04OC3	3/11/2014 14:02	ADJ	1.3	3.4	21	74.3	-0.01	47	13	-53.2	-53.16	---	
S2P04OC3	SEC2P04OC3	3/17/2014 12:29		8.4	19.6	16.6	55.4	-0.13	20	---	-54.9	-54.92	5	Closed valve 1/2 turn or less,,,,,,,
S2P04OC3	SEC2P04OC3	3/17/2014 12:29	ADJ	8.4	19.6	16.6	55.4	-0.13	20	---	-54.8	-54.92	5	
S2P04OC3	SEC2P04OC3	3/17/2014 12:31		8	20	16.1	55.9	-0.14	20	---	-54.9	-54.95	---	No change,,,,,,,
S2P04OC3	SEC2P04OC3	3/17/2014 12:31	ADJ	8	20	16.1	55.9	-0.14	20	---	-54.9	-54.95	---	
S2P04OC3	SEC2P04OC3	4/1/2014 13:51		0.3	2.1	21.7	75.9	-0.05	51	---	-0.5	-51.22	2	Closed valve 1/2 turn or less,,,,,,,
S2P04OC3	SEC2P04OC3	4/1/2014 13:51	ADJ	0.3	2.1	21.7	75.9	-0.07	48	---	-0.5	-51.22	1	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
S2P04OC3	SEC2P04OC3	4/7/2014 15:04		6.2	27.2	11.4	55.2	0.02	63	8	-47.9	-47.89	---	Closed valve 1/2 turn or less,,,,,,,
S2P04OC3	SEC2P04OC3	4/7/2014 15:04	ADJ	6.2	27.2	11.4	55.2	0.02	63	8	-47.9	-47.89	---	
S2P04OC3 was abandoned in accordance with the 04/29/14 approval.														
S2P04OC4	SEC2P04OC4	1/29/2014 9:59		59.7	39.6	0.5	0.2	0.92	30	68	-0.3	-4.05	---	Opened valve 1/2 turn or less,,,,,,,
S2P04OC4	SEC2P04OC4	1/29/2014 9:59	ADJ	59.7	39.6	0.5	0.2	1	30	71	-0.4	-4.05	---	
S2P04OC4	SEC2P04OC4	2/13/2014 8:01		47.5	32.9	1.2	18.4	0.25	100	32	-1.2	-51.82	---	No change,,,,,,,
S2P04OC4	SEC2P04OC4	2/13/2014 8:01	ADJ	47.5	32.9	1.2	18.4	0.26	102	33	-1.2	-51.82	---	
S2P04OC4	SEC2P04OC4	3/18/2014 8:39		56.9	43	0	0.1	0.29	107	34	-0.5	-52.9	2	Opened valve 1/2 turn or less,,,,,,,
S2P04OC4	SEC2P04OC4	3/18/2014 8:39	ADJ	56.9	43	0	0.1	0.03	108	11	-0.6	-52.9	4	
S2P04OC4	SEC2P04OC4	4/1/2014 12:56		57.3	42.2	0.3	0.2	0.06	98	14	-0.1	-48.98	1	Opened valve 1/2 turn or less,,,,,,,
S2P04OC4	SEC2P04OC4	4/1/2014 12:56	ADJ	57.3	42.2	0.3	0.2	0.06	103	15	-0.5	-48.98	3	
S2P04OC4	SEC2P04OC4	5/15/2014 11:43		56.8	43.1	0	0.1	-0.48	85	---	0.5	-56.36	---	Opened valve 1/2 turn or less,,,,,,,
S2P04OC4	SEC2P04OC4	5/15/2014 11:43	ADJ	56.8	43.1	0	0.1	0.23	99	30	-0.5	-56.36	---	
S2P04OC4	SEC2P04OC4	6/10/2014 14:43		56.3	43.5	0.1	0.1	0.27	100	33	-0.2	-55.76	---	No change,,,,,,,
S2P04OC4	SEC2P04OC4	6/10/2014 14:43	ADJ	56.3	43.5	0.1	0.1	0.36	107	38	-0.3	-55.76	---	
S2P04OC4	SEC2P04OC4	7/16/2014 15:57		56.3	43.3	0.3	0.1	0.1	104	20	-0.8	-55.71	---	No change,,,,,,,
S2P04OC4	SEC2P04OC4	7/16/2014 15:57	ADJ	56.3	43.3	0.3	0.1	0.11	108	21	-0.8	-55.71	---	
S2P04OC4	SEC2P04OC4	8/12/2014 12:03		56.7	41.4	0	1.9	0.05	107	13	-0.7	-53.7	---	Opened valve 1/2 turn or less,,,,,,,
S2P04OC4	SEC2P04OC4	8/12/2014 12:03	ADJ	56.7	41.4	0	1.9	0.13	108	23	-1.2	-53.7	---	
S2P04OC4	SEC2P04OC4	9/23/2014 5:41		56.8	43	0	0.2	0.06	107	15	-1.4	-52	---	Opened valve 1/2 turn or less,,,,,,,
S2P04OC4	SEC2P04OC4	9/23/2014 5:41	ADJ	56.8	43	0	0.2	0.16	109	25	-2.2	-52	---	
S2P04OC4	SEC2P04OC4	10/10/2014 14:51		48.9	37	1.5	12.6	0.08	113	18	-1.9	-50.81	---	Closed valve 1/2 turn or less,,,,,,,
S2P04OC4	SEC2P04OC4	10/10/2014 14:51	ADJ	48.9	37	1.5	12.6	0.03	110	10	-1.1	-50.81	---	
S2P04OC4	SEC2P04OC4	11/25/2014 13:30		56.7	43.2	0	0.1	-0.33	58	---	-0.2	-51.38	---	Opened valve 1/2 turn or less,,,,,,,
S2P04OC4	SEC2P04OC4	11/25/2014 13:30	ADJ	56.7	43.2	0	0.1	0.32	87	37	-0.9	-51.38	---	
S2P04OC4	SEC2P04OC4	12/22/2014 5:54		53.7	46	0.2	0.1	0.39	84	40	-0.7	-50.22	---	No change,,,,,,,
S2P04OC4	SEC2P04OC4	12/22/2014 5:54	ADJ	53.7	46	0.2	0.1	0.15	96	24	-0.7	-50.22	---	
S2P06LC2	SEC2P06LCO2	1/30/2014 6:42		46.5	31.1	4.3	18.1	0.15	99	24	-17.9	-53.38	---	Closed more than 1 turn,,,,,,,
S2P06LC2	SEC2P06LCO2	1/30/2014 6:42	ADJ	46.5	31.1	4.3	18.1	0.02	99	8	-9.5	-53.38	---	
S2P06LC2	SEC2P06LCO2	2/12/2014 9:33		60.2	39.3	0.3	0.2	-0.35	86	---	-0.2	-53.1	---	Opened valve 1/2 turn or less,,,,,,,
S2P06LC2	SEC2P06LCO2	2/12/2014 9:33	ADJ	60.2	39.3	0.3	0.2	-0.17	86	---	-0.5	-53.1	---	
S2P06LC2	SEC2P06LCO2	3/18/2014 8:01		50.5	35.6	2.1	11.8	0.22	88	30	-2	-54.49	3	No change,,,,,,,
S2P06LC2	SEC2P06LCO2	3/18/2014 8:01	ADJ	50.5	35.6	2.1	11.8	0	88	1	-2	-54.49	3	
S2P06LC2	SEC2P06LCO2	4/2/2014 9:47		49.6	35.4	1.8	13.2	0.05	81	14	-1.8	-50.61	2	No change,,,,,,,
S2P06LC2	SEC2P06LCO2	4/2/2014 9:47	ADJ	49.6	35.4	1.8	13.2	-0.16	81	14	-1.1	-50.61	2	
S2P06LC2	SEC2P06LCO2	5/14/2014 14:50		59.2	40.6	0	0.2	0.06	76	15	-0.4	-56.84	---	No change,,,,,,,
S2P06LC2	SEC2P06LCO2	5/14/2014 14:50	ADJ	59.2	40.6	0	0.2	-0.1	76	15	-0.4	-56.84	---	
S2P06LC2	SEC2P06LCO2	6/11/2014 9:01		59.7	40	0.2	0.1	0.52	77	48	-0.2	-54.65	---	Opened valve 1/2 turn or less,,,,,,,
S2P06LC2	SEC2P06LCO2	6/11/2014 9:01	ADJ	59.7	40	0.2	0.1	0.18	77	28	-0.5	-54.65	---	
S2P06LC2	SEC2P06LCO2	7/17/2014 10:37		47.3	34.2	1.7	16.8	0.07	84	17	-2.5	-56.29	---	Closed valve 1/2 turn or less,,,,,,,
S2P06LC2	SEC2P06LCO2	7/17/2014 10:37	ADJ	47.3	34.2	1.7	16.8	0.19	84	28	-2.3	-56.29	---	
S2P06LC2 was abandoned in accordance with the 06/25/14 approval.														
S2P08LC1	SEC2P08LCO1	1/30/2014 14:33		3.6	5.3	16.8	74.3	0.11	32	12	-0.4	-52.49	---	No change,,,,,,,
S2P08LC1	SEC2P08LCO1	1/30/2014 14:33	ADJ	3.6	5.3	16.8	74.3	-0.03	32	12	-0.1	-52.49	---	
S2P08LC1	SEC2P08LCO1	1/30/2014 14:35		3.9	5.4	16.1	74.6	-0.06	32	---	-0.1	-52.54	---	No change,,,,,,,
S2P08LC1	SEC2P08LCO1	1/30/2014 14:35	ADJ	3.9	5.4	16.1	74.6	-0.06	32	---	-0.1	-52.54	---	
S2P08LC1	SEC2P08LCO1	2/13/2014 14:44		5.2	15.3	13.3	66.2	0.02	27	5	-0.2	-52.59	---	No change,,,,,,,
S2P08LC1	SEC2P08LCO1	2/13/2014 14:44	ADJ	5.2	15.3	13.3	66.2	0.02	27	5	-0.2	-52.59	---	
S2P08LC1	SEC2P08LCO1	2/13/2014 14:46		5.5	15.4	13.4	65.7	0.02	26	5	-0.2	-53.27	---	No change,,,,,,,
S2P08LC1	SEC2P08LCO1	2/13/2014 14:46	ADJ	5.5	15.4	13.4	65.7	0.02	26	4	-0.2	-53.27	---	
S2P08LC1	SEC2P08LCO1	3/17/2014 10:18		7	14.6	13.2	65.2	0.03	27	6	-0.1	-54.41	0	No change,,,,,,,
S2P08LC1	SEC2P08LCO1	3/17/2014 10:18	ADJ	7	14.6	13.2	65.2	0.02	28	5	-0.1	-54.41	---	
S2P08LC1	SEC2P08LCO1	3/17/2014 10:20		6.9	16.9	11.8	64.4	0.01	28	4	-0.1	-54.17	1	No change,,,,,,,
S2P08LC1	SEC2P08LCO1	3/17/2014 10:20	ADJ	6.9	16.9	11.8	64.4	0.01	28	4	-0.1	-54.17	1	
S2P08LC1	SEC2P08LCO1	4/1/2014 10:55		2.1	4.3	17.5	76.1	-0.08	31	---	-0.2	-48.7	---	No change,,,,,,,
S2P08LC1	SEC2P08LCO1	4/1/2014 10:55	ADJ	2.1	4.3	17.5	76.1	-0.08	31	---	-0.2	-48.7	---	
S2P08LC1	SEC2P08LCO1	4/1/2014 10:56		2.3	4.8	16.4	76.5	-0.09	31	---	-0.2	-48.87	1	No change,,,,,,,
S2P08LC1	SEC2P08LCO1	4/1/2014 10:56	ADJ	2.3	4.8	16.4	76.5	-0.09	31	---	-0.1	-48.87	1	
S2P08LC1	SEC2P08LCO1	5/14/2014 11:33		0	0	21.4	78.6	-0.08	64	---	-55.7	-54.66	---	Closed valve 1/2 turn or less,,,,,,,
S2P08LC1	SEC2P08LCO1	5/14/2014 11:33	ADJ	0	0	21.4	78.6	0.04	65	6	-55.2	-54.66	---	
S2P08LC1	SEC2P08LCO1	5/14/2014 11:35		0	0	21.5	78.5	0.02	66	5	-43.3	-55.76	---	Closed valve 1/2 turn or less,,,,,,,
S2P08LC1	SEC2P08LCO1	5/14/2014 11:35	ADJ	0	0	21.5	78.5	0.02	66	5	-42.9	-55.76	---	
S2P08LC1	SEC2P08LCO1	6/13/2014 9:47		0.2	3.6	18	78.2	-0.02	72	---	-56.6	-56.61	---	No change,,,,,,,
S2P08LC1	SEC2P08LCO1	6/13/2014 9:47	ADJ	0.2	3.6	18	78.2	0.01	73	3	-56.4	-56.61	---	
S2P08LC1	SEC2P08LCO1	6/13/2014 9:49		0.2	3	18.4	78.4	0.01	74	3	-52.8	-56.56	---	Closed valve 1/2 turn or less,,,,,,,
S2P08LC1	SEC2P08LCO1	6/13/2014 9:49	ADJ	0.2	3	18.4	78.4	0.01	74	4	-52.6	-56.56	---	
S2P08LC1	SEC2P08LCO1	7/21/2014 14:08		2	1.8	17.3	78.9	-0.03	93	---	-55.1	-55.16	---	No change,,,,,,,
S2P08LC1	SEC2P08LCO1	7/21/2014 14:08	ADJ	2	1.8	17.3	78.9	0.03	94	5	-55.1	-55.16	---	
S2P08LC1	SEC2P08LCO1	7/21/2014 14:10		1.8	1.8	17.1	79.3	0.03	98	5	-53.6	-55.15	---	Closed valve 1/2 turn or less,,,,,,,
S2P08LC1	SEC2P08LCO1	7/21/2014 14:10	ADJ	1.8	1.8	17.1	79.3	0.03	99	5	-53.5	-55.15	---	
S2P08LC1	SEC2P08LCO1	8/13/2014 10:42		2.9	6.4	15.3	75.4	0.11	90	10	-52.8	-52.9	---	Closed valve 1/2 turn or less,,,,,,,
S2P08LC1	SEC2P08LCO1	8/13/2014 10:42	ADJ	2.9	6.4	15.3	75.4	-0.04	90	10	-51.3	-52.9	---	
S2P08LC1	SEC2P08LCO1	8/13/2014 10:44		2.6	5.8	16	75.6	-0.04	91	---	-45	-52.93	---	Closed valve 1/2 turn or less,,,,,,,
S2P08LC1	SEC2P08LCO1	8/13/2014 10:44	ADJ	2.6	5.8	16	75.6	-0.04	91	---	-44.3	-52.93	---	
S2P08LC1	SEC2P08LCO1	9/23/2014 7:27		32.7	22.3	4	41	0.02	69	4	-4.6	-51.57	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P08LC1	SEC2P08LCO1	9/23/2014 7:27	ADJ	32.7	22.3	4	41	0.01	71	4	-4.1	-51.57	---	
S2P08LC1	SEC2P08LCO1	10/10/2014 9:52		47.8	31.6	2.1	18.5	0.03	56	6	-50.7	-54.96	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P08LC1	SEC2P08LCO1	10/10/2014 9:52	ADJ	47.8	31.6	2.1	18.5	0.03	56	6	-49.1	-54.96	---	
S2P08LC1	SEC2P08LCO1	11/26/2014 11:57		33.4	22	3.1	41.5	0.26	38	20	-0.4	-49.68	---	No change,,,,,,,
S2P08LC1	SEC2P08LCO1	11/26/2014 11:57	ADJ	33.4	22	3.1	41.5	0.25	37	19	-0.4	-49.68	---	
S2P08LC1	SEC2P08LCO1	12/22/2014 14:36		27.6	22.2	1.6	48.6	-0.03	47	---	-0.1	-50.73	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P08LC1	SEC2P08LCO1	12/22/2014 14:36	ADJ	27.6	22.2	1.6	48.6	-0.03	46	---	-0.1	-50.73	---	
S2P08LC2	SEC2P08LCO2	1/29/2014 11:11		65.6	31.5	0.7	2.2	1.05	65	73	-1.8	-52.14	---	Opened valve 1/2 turn or less,,,,,,,
S2P08LC2	SEC2P08LCO2	1/29/2014 11:11	ADJ	65.6	31.5	0.7	2.2	1.11	65	75	-2.2	-52.14	---	
S2P08LC2	SEC2P08LCO2	2/12/2014 8:15		40.7	33.3	0.4	25.6	1.55	86	81	-2.2	-50.44	---	Closed valve 1/2 turn or less,,,,,,,
S2P08LC2	SEC2P08LCO2	2/12/2014 8:15	ADJ	40.7	33.3	0.4	25.6	0.81	86	58	-1.6	-50.44	---	
S2P08LC2	SEC2P08LCO2	3/18/2014 12:24		43.5	32.9	0.5	23.1	1	85	66	-1.6	-51.41	10	Closed valve 1/2 turn or less,,,,,,,
S2P08LC2	SEC2P08LCO2	3/18/2014 12:24	ADJ	43.5	32.9	0.5	23.1	0.57	85	49	-1.1	-51.41	5	
S2P08LC2	SEC2P08LCO2	4/2/2014 10:25		36.5	30.7	0.8	32	0.65	62	53	-1.3	-50.22	2	Closed valve 1/2 turn or less,,,,,,,
S2P08LC2	SEC2P08LCO2	4/2/2014 10:25	ADJ	36.5	30.7	0.8	32	0.43	62	43	-0.9	-50.22	1	
S2P08LC2	SEC2P08LCO2	5/15/2014 12:44		44.2	35.4	0	20.4	0.38	78	40	-0.9	-57.25	---	Closed valve 1/2 turn or less,,,,,,,
S2P08LC2	SEC2P08LCO2	5/15/2014 12:44	ADJ	44.2	35.4	0	20.4	0.06	76	16	-0.3	-57.25	---	
S2P08LC2	SEC2P08LCO2	6/10/2014 9:49		0.7	8.3	15.1	75.9	0.01	71	5	-54.6	-56.37	---	No change,,,,,,,
S2P08LC2	SEC2P08LCO2	6/10/2014 9:49	ADJ	0.7	8.3	15.1	75.9	0.02	72	8	-55.2	-56.37	---	
S2P08LC2	SEC2P08LCO2	6/10/2014 9:52		0.1	0.7	19.7	79.5	0.08	73	17	-48.7	-56.36	---	Closed valve 1/2 turn or less,,,,,,,
S2P08LC2	SEC2P08LCO2	6/10/2014 9:52	ADJ	0.1	0.7	19.7	79.5	0.04	73	11	-45.4	-56.36	---	
S2P08LC2	SEC2P08LCO2	6/10/2014 11:23		58.2	40.4	0.2	1.2	0.23	76	32	0	-55.53	---	Opened valve 1/2 turn or less,,,,,,,
S2P08LC2	SEC2P08LCO2	6/10/2014 11:23	ADJ	58.2	40.4	0.2	1.2	0.11	76	21	-0.1	-55.53	---	
S2P08LC2 was abandoned in accordance with the 06/25/14 approval.														
S2P08OC1	SEC2P08OC1	1/29/2014 11:06		62.4	37.1	0.3	0.2	0.62	85	53	-1.1	-48.5	---	Opened valve 1/2 turn or less,,,,,,,
S2P08OC1	SEC2P08OC1	1/29/2014 11:06	ADJ	62.4	37.1	0.3	0.2	1.01	85	68	-1.9	-48.5	---	
S2P08OC1	SEC2P08OC1	2/12/2014 8:20		46.8	34.7	0.2	18.3	0.41	88	41	-1.8	-47.77	---	Closed valve 1/2 turn or less,,,,,,,
S2P08OC1	SEC2P08OC1	2/12/2014 8:20	ADJ	46.8	34.7	0.2	18.3	0.48	88	45	-1.4	-47.77	---	
S2P08OC1	SEC2P08OC1	3/18/2014 12:28		53	37.1	0.1	9.8	0.55	87	49	-1.4	-48.65	1	Opened valve 1/2 turn or less,,,,,,,
S2P08OC1	SEC2P08OC1	3/18/2014 12:28	ADJ	53	37.1	0.1	9.8	1.4	87	78	-2.4	-48.65	2	
S2P08OC1	SEC2P08OC1	4/2/2014 10:28		46	36.7	0.2	17.1	1.13	85	70	-2.4	-47.32	2	No change,,,,,,,
S2P08OC1	SEC2P08OC1	4/2/2014 10:28	ADJ	46	36.7	0.2	17.1	1.23	85	73	-2.4	-47.32	2	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
S2P08OC1	SEC2P08OC1	5/15/2014 12:47		55.7	38.6	0	5.7	0.74	88	57	-2.3	-47.82	---	Opened valve 1/2 turn or less,,,,,,
S2P08OC1	SEC2P08OC1	5/15/2014 12:47	ADJ	55.7	38.6	0	5.7	1.2	88	73	-2.8	-47.82	---	
S2P08OC1	SEC2P08OC1	6/10/2014 11:27		54.7	38	0.2	7.1	1.4	89	79	-2.3	-43.55	---	No change,,,,,,
S2P08OC1	SEC2P08OC1	6/10/2014 11:27	ADJ	54.7	38	0.2	7.1	1.47	89	80	-2.5	-43.55	---	
S2P08OC1	SEC2P08OC1	7/16/2014 14:44		50.7	36.6	0.3	12.4	0.78	88	58	-1.9	-32.87	---	No change,,,,,,
S2P08OC1	SEC2P08OC1	7/16/2014 14:44	ADJ	50.7	36.6	0.3	12.4	0.75	88	57	-1.9	-32.87	---	
S2P08OC1	SEC2P08OC1	8/13/2014 14:21		59.5	40.3	0	0.2	1.58	89	84	-2.1	-30.48	---	Opened valve 1/2 turn or less,,,,,,
S2P08OC1	SEC2P08OC1	8/13/2014 14:21	ADJ	59.5	40.3	0	0.2	1.38	89	78	-3.1	-30.48	---	
S2P08OC1	SEC2P08OC1	9/22/2014 9:09		37.8	31.1	0.7	30.4	1.38	90	76	-3.2	-38.42	---	Closed valve 1/2 turn or less,,,,,,
S2P08OC1	SEC2P08OC1	9/22/2014 9:09	ADJ	37.8	31.1	0.7	30.4	0.97	90	64	-2.2	-38.42	---	
S2P08OC1	SEC2P08OC1	10/10/2014 9:29		40.7	33.8	0.2	25.3	1.34	89	75	-2.2	-44.24	---	Closed valve 1/2 turn or less,,,,,,
S2P08OC1	SEC2P08OC1	10/10/2014 9:29	ADJ	40.7	33.8	0.2	25.3	0.57	89	49	-1.2	-44.24	---	
S2P08OC1	SEC2P08OC1	11/28/2014 13:53		60	39.5	0.4	0.1	0.22	53	32	-0.1	-30.49	---	Opened valve 1/2 turn or less,,,,,,
S2P08OC1	SEC2P08OC1	11/28/2014 13:53	ADJ	60	39.5	0.4	0.1	0.68	54	57	-0.6	-30.49	---	
S2P08OC1	SEC2P08OC1	12/22/2014 14:14		48.1	36.3	0.3	15.3	0.11	45	22	-0.1	-38.52	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P08OC1	SEC2P08OC1	12/22/2014 14:14	ADJ	48.1	36.3	0.3	15.3	0.21	45	31	-0.1	-38.52	---	
S2P08OC4	SEC2P08OC4	1/29/2014 11:56		50.7	39.8	0.8	8.7	0.81	130	56	-1.7	-1.06	---	No change,,,,,,
S2P08OC4	SEC2P08OC4	1/29/2014 11:56	ADJ	50.7	39.8	0.8	8.7	3.64	130	122	-1.6	-1.06	---	
S2P08OC4	SEC2P08OC4	2/12/2014 12:34		1.2	3	20.8	75	8.31	32	198	-8.9	-8.46	---	Closed valve 1/2 turn or less,,,,,,
S2P08OC4	SEC2P08OC4	2/12/2014 12:34	ADJ	1.2	3	20.8	75	6.9	33	180	-8.7	-8.46	---	
S2P08OC4	SEC2P08OC4	2/12/2014 12:36		0.8	2.7	21	75.5	5.26	48	155	-6.3	-6.33	---	No change,,,,,,
S2P08OC4	SEC2P08OC4	2/12/2014 12:36	ADJ	0.8	2.7	21	75.5	5.29	48	155	-7	-6.33	---	
S2P08OC4	SEC2P08OC4	2/25/2014 13:00		1.6	6.3	21.3	70.8	15.18	20	268	-15.7	-14.58	---	Closed valve 1/2 turn or less,,,,,,
S2P08OC4	SEC2P08OC4	2/25/2014 13:00	ADJ	1.6	6.3	21.3	70.8	17.91	20	291	-17.3	-14.58	---	
S2P08OC4	SEC2P08OC4	2/25/2014 13:02		10.9	9.5	17.4	62.2	15.05	20	271	-14.9	-14.25	---	Closed valve 1/2 turn or less,,,,,,
S2P08OC4	SEC2P08OC4	2/25/2014 13:02	ADJ	10.9	9.5	17.4	62.2	13.94	20	261	-14.1	-14.25	---	
S2P08OC4	SEC2P08OC4	3/5/2014 14:04		14.9	13.3	16.5	55.3	18.71	63	288	-18	-16.1	---	Closed valve 1/2 turn or less,,,,,,
S2P08OC4	SEC2P08OC4	3/5/2014 14:04	ADJ	14.9	13.3	16.5	55.3	17.86	65	281	-17.5	-16.1	---	
S2P08OC4	SEC2P08OC4	3/8/2014 7:12		2.4	6.3	20	71.3	19.19	102	278	-18.3	-17.79	5	Closed valve 1/2 turn or less,,,,,,
S2P08OC4	SEC2P08OC4	3/8/2014 7:12	ADJ	2.4	6.3	20	71.3	19.01	100	277	-18.8	-17.79	5	
S2P08OC4	SEC2P08OC4	3/18/2014 7:22		5.3	7.5	18.6	68.6	10.5	73	214	-8.8	-9.79	---	Closed valve 1/2 turn or less,,,,,,
S2P08OC4	SEC2P08OC4	3/18/2014 7:22	ADJ	5.3	7.5	18.6	68.6	10.84	73	217	-10.8	-9.79	---	
S2P08OC4	SEC2P08OC4	3/18/2014 7:25		5.2	7.8	18.6	68.4	13.2	72	239	-12.3	-9.63	10	No change,,,,,,
S2P08OC4	SEC2P08OC4	3/18/2014 7:25	ADJ	5.2	7.8	18.6	68.4	10.28	72	211	-10.3	-9.63	10	
S2P08OC4	SEC2P08OC4	4/1/2014 14:48		9.4	14.7	15.4	60.5	17.57	103	265	-15.5	-10.95	5	Closed valve 1/2 turn or less,,,,,,
S2P08OC4	SEC2P08OC4	4/1/2014 14:48	ADJ	9.4	14.7	15.4	60.5	16.99	104	261	-13.2	-10.95	3	
S2P08OC4	SEC2P08OC4	4/7/2014 15:16		8.2	9.7	15.1	67	7.87	102	180	-7.7	-5.53	3	Closed valve 1/2 turn or less,,,,,,
S2P08OC4	SEC2P08OC4	4/7/2014 15:16	ADJ	8.2	9.7	15.1	67	9.28	102	196	-9.1	-5.53	2.5	
S2P08OC4	SEC2P08OC4	4/21/2014 11:00		1.2	3.5	19.3	76	18.63	114	273	-15.7	-9.69	2.5	Closed valve 1/2 turn or less,,,,,,
S2P08OC4	SEC2P08OC4	4/21/2014 11:00	ADJ	1.2	3.5	19.3	76	18.42	114	272	-15.5	-9.69	2	
S2P08OC4	SEC2P08OC4	4/21/2014 12:55		47.4	37.9	2.7	12	4.57	141	135	-2.9	-4.79	2	Closed valve 1/2 turn or less,,,,,,
S2P08OC4	SEC2P08OC4	4/21/2014 12:55	ADJ	47.4	37.9	2.7	12	4.86	142	139	-3.7	-4.79	2	
S2P08OC4	SEC2P08OC4	5/15/2014 11:18		45.2	35.2	4.5	15.1	---	129	---	-39	-36.53	2	No change,,,,,,
S2P08OC4	SEC2P08OC4	5/15/2014 11:18	ADJ	45.2	35.2	4.5	15.1	---	128	---	-36	-36.53	2	
S2P08OC4	SEC2P08OC4	6/10/2014 14:22		47.7	33.6	4.7	14	22.87	130	305	-20.4	-18.36	2	Closed valve 1/2 turn or less,,,,,,
S2P08OC4	SEC2P08OC4	6/10/2014 14:22	ADJ	47.7	33.6	4.7	14	24.13	130	314	-19.3	-18.36	1.5	
S2P08OC4	SEC2P08OC4	7/22/2014 6:39		7.5	9.9	15.8	66.8	1.42	79	77	-0.1	-0.1	---	No change,,,,,,
S2P08OC4	SEC2P08OC4	7/22/2014 6:39	ADJ	7.5	9.9	15.8	66.8	1.46	79	78	-0.1	-0.1	---	
S2P08OC4	SEC2P08OC4	7/22/2014 6:42		8.9	11.4	15.2	64.5	9.57	79	202	-8.4	-10.18	1.5	Closed valve 1/2 turn or less,,,,,,
S2P08OC4	SEC2P08OC4	7/22/2014 6:42	ADJ	8.9	11.4	15.2	64.5	8.81	80	194	-7.7	-10.18	1	
S2P08OC4	SEC2P08OC4	7/26/2014 11:04		51.5	37.3	2.7	8.5	30.37	120	352	-28.8	-29.16	0.25	No change,,,,,,
S2P08OC4	SEC2P08OC4	7/26/2014 11:04	ADJ	51.5	37.3	2.7	8.5	30.49	117	353	-29.2	-29.16	0.25	
S2P08OC4	SEC2P08OC4	8/19/2014 10:12		36.6	36.2	4.7	22.5	11.67	132	212	-14.7	-15.68	1	Closed valve 1/2 turn or less,,,,,,
S2P08OC4	SEC2P08OC4	8/19/2014 10:12	ADJ	36.6	36.2	4.7	22.5	13.56	132	228	-16	-15.68	0.5	
S2P08OC4	SEC2P08OC4	9/25/2014 4:32		55.1	44.2	0.6	0.1	8.26	130	183	-8.6	-24.07	1	Opened valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P08OC4	SEC2P08OC4	9/25/2014 4:32	ADJ	55.1	44.2	0.6	0.1	16.91	130	264	-7.2	-24.07	1	
S2P08OC4	SEC2P08OC4	10/13/2014 6:55		40.5	36.6	4.7	18.2	23.36	142	297	-22.5	-11	1	Closed valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P08OC4	SEC2P08OC4	10/13/2014 6:55	ADJ	40.5	36.6	4.7	18.2	19.65	143	274	-17.5	-11	0.75	
S2P08OC4	SEC2P08OC4	11/28/2014 11:27		43.1	37.8	4.8	14.3	26.53	27	352	-28.4	-28.95	0.75	Closed valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P08OC4	SEC2P08OC4	11/28/2014 11:27	ADJ	43.1	37.8	4.8	14.3	26.24	27	350	-28.5	-28.95	0.5	
S2P08OC4	SEC2P08OC4	12/26/2014 8:04		38.7	41.5	3.6	16.2	9.52	134	188	-18	-19.31	0.5	Closed valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P08OC4	SEC2P08OC4	12/26/2014 8:04	ADJ	38.7	41.5	3.6	16.2	10.46	135	197	-17.4	-19.31	0.25	
S2P08OC5	SEC2P08OC5	1/29/2014 12:03		2.5	16.1	18.6	62.8	2.74	20	105	-46.6	-50.69	---	Closed valve 1/2 turn or less,,,,,,
S2P08OC5	SEC2P08OC5	1/29/2014 12:03	ADJ	2.5	16.1	18.6	62.8	5.05	20	143	-49	-50.69	---	
S2P08OC5	SEC2P08OC5	1/29/2014 12:05		2	13.9	19.7	64.4	5.4	20	149	-48.9	-50.78	---	No change,,,,,,
S2P08OC5	SEC2P08OC5	1/29/2014 12:05	ADJ	2	13.9	19.7	64.4	4.47	20	135	-48	-50.78	---	
S2P08OC5 was abandoned in accordance with the 01/02/14 approval.														
S2P08OC6	SEC2P08OC6	1/30/2014 12:34		0.8	12.1	19.8	67.3	0.07	31	16	-44.8	-52.61	---	Closed valve 1/2 to 1 turn,,,,,,
S2P08OC6	SEC2P08OC6	1/30/2014 12:34	ADJ	0.8	12.1	19.8	67.3	0.05	31	13	-42.4	-52.61	---	
S2P08OC6	SEC2P08OC6	1/30/2014 12:36		0.8	11.4	19.9	67.9	-0.06	31	---	-40.9	-52.59	---	No change,,,,,,
S2P08OC6	SEC2P08OC6	1/30/2014 12:36	ADJ	0.8	11.4	19.9	67.9	-0.06	31	---	-40.6	-52.59	---	
S2P08OC6 was abandoned in accordance with the 01/02/14 approval.														
S2P08OC7	SEC2P08OC7	1/30/2014 12:30		60.2	39.3	0.4	0.1	5.01	130	137	-52.4	-52.43	---	No change,,,,,,
S2P08OC7	SEC2P08OC7	1/30/2014 12:30	ADJ	60.2	39.3	0.4	0.1	5.76	130	147	-52.4	-52.43	---	
S2P08OC7	SEC2P08OC7	2/13/2014 9:34		66.2	29.4	1.8	2.6	-1.84	137	---	-48	-50.18	---	Closed valve 1/2 turn or less,,,,,,
S2P08OC7	SEC2P08OC7	2/13/2014 9:34	ADJ	66.2	29.4	1.8	2.6	-1.88	137	---	-48.9	-50.18	---	
S2P08OC7	SEC2P08OC7	2/13/2014 9:38		58.6	37.6	1.9	1.9	-0.99	135	---	-49.9	-51.33	---	No change,,,,,,
S2P08OC7	SEC2P08OC7	2/13/2014 9:38	ADJ	58.6	37.6	1.9	1.9	-0.42	137	---	-49.9	-51.33	---	
S2P08OC7	SEC2P08OC7	2/25/2014 12:24		66.3	32.6	1	0.1	---	120	---	-47.2	-47.58	---	Opened valve 1/2 turn or less,,,,,,
S2P08OC7	SEC2P08OC7	2/25/2014 12:24	ADJ	66.3	32.6	1	0.1	27.98	120	346	-47.1	-47.58	---	
S2P08OC7	SEC2P08OC7	3/4/2014 14:57		45.8	34.6	4.8	14.8	3.94	135	119	-45.4	-46.59	50	Closed valve 1/2 turn or less,,,,,,
S2P08OC7	SEC2P08OC7	3/4/2014 14:57	ADJ	45.8	34.6	4.8	14.8	2.6	135	96	-44	-46.59	50	
S2P08OC7	SEC2P08OC7	3/18/2014 7:39		50.8	40.6	2.3	6.3	-0.32	136	---	-53.1	-53.5	50	No change,,,,,,
S2P08OC7	SEC2P08OC7	3/18/2014 7:39	ADJ	50.8	40.6	2.3	6.3	-0.43	137	---	-53.5	-53.5	50	
S2P08OC7	SEC2P08OC7	4/1/2014 11:33		51.2	39.7	2.4	6.7	3.34	134	109	-46.1	-48.52	25	No change,,,,,,
S2P08OC7	SEC2P08OC7	4/1/2014 11:33	ADJ	51.2	39.7	2.4	6.7	6.42	134	152	-47.9	-48.52	25	
S2P08OC7	SEC2P08OC7	5/14/2014 10:51		56.2	42.7	1	0.1	---	135	---	-60.2	-55.48	25	No change,,,,,,
S2P08OC7	SEC2P08OC7	5/14/2014 10:51	ADJ	56.2	42.7	1	0.1	---	135	---	-55.2	-55.48	25	
S2P08OC7	SEC2P08OC7	6/10/2014 15:19		45.6	33.3	4.8	16.3	---	135	---	-52.7	-55.85	25	No change,,,,,,
S2P08OC7	SEC2P08OC7	6/10/2014 15:19	ADJ	45.6	33.3	4.8	16.3	---	136	---	-52.8	-55.85	25	
S2P08OC7	SEC2P08OC7	7/16/2014 10:24		44	31.6	4.8	19.6	---	134	---	-54.8	-53.47	25	No change,,,,,,
S2P08OC7	SEC2P08OC7	7/16/2014 10:24	ADJ	44	31.6	4.8	19.6	---	135	---	-54.2	-53.47	25	
S2P08OC7	SEC2P08OC7	8/13/2014 10:37		45.5	34.7	4.8	15	---	131	---	-55.2	-52.96	25	Closed valve 1/2 turn or less,,,,,,
S2P08OC7	SEC2P08OC7	8/13/2014 10:37	ADJ	45.5	34.7	4.8	15	---	131	---	-54.3	-52.96	20	
S2P08OC7	SEC2P08OC7	9/22/2014 8:11		48.8	36.2	4.4	10.6	---	132	---	-54.6	-29.23	20	Watered out,,,,,,
S2P08OC7	SEC2P08OC7	9/22/2014 8:11	ADJ	48.8	36.2	4.4	10.6	---	133	---	-54.3	-29.23	20	
S2P08OC7	SEC2P08OC7	10/13/2014 11:13		49.2	34.7	4.7	11.4	---	125	---	-51.8	-44.58	20	No change,Watered out,,,,,
S2P08OC7	SEC2P08OC7	10/13/2014 11:13	ADJ	49.2	34.7	4.7	11.4	---	125	---	-51.8	-44.58	20	
S2P08OC7	SEC2P08OC7	11/26/2014 12:06		57.4	41.2	1.2	0.2	---	122	---	-50.7	-49.4	20	No change,Valve fully open,Watered out,,,,,
S2P08OC7	SEC2P08OC7	11/26/2014 12:06	ADJ	57.4	41.2	1.2	0.2	---	122	---	-50.8	-49.4	20	
S2P08OC7	SEC2P08OC7	12/22/2014 14:58		53.8	39.1	2.7	4.4	---	121	---	-51.6	-50.15	20	No change,Watered out,,,,,
S2P08OC7	SEC2P08OC7	12/22/2014 14:58	ADJ	53.8	39.1	2.7	4.4	---	122	---	-51.7	-50.15	20	
S2P08OC8	SEC2P08OC8	1/30/2014 13:16		48.5	35.8	2.8	12.9	0.5	100	45	-1.1	-54.41	---	Closed valve 1/2 turn or less,,,,,,
S2P08OC8	SEC2P08OC8	1/30/2014 13:16	ADJ	48.5	35.8	2.8	12.9	0.18	100	27	-0.9	-54.41	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
S2P08OC8	SEC2P08OC8	2/13/2014 10:05		57.6	42	0.3	0.1	0.58	106	49	-0.9	-53.6	---	Opened valve 1/2 turn or less,,,,,,
S2P08OC8	SEC2P08OC8	2/13/2014 10:05	ADJ	57.6	42	0.3	0.1	5.63	110	156	-4.3	-53.6	---	
S2P08OC8	SEC2P08OC8	3/17/2014 9:49		55.2	38.7	1.2	4.9	1.25	109	73	-1.5	-55.8	1	Opened valve 1/2 turn or less,,,,,,
S2P08OC8	SEC2P08OC8	3/17/2014 9:49	ADJ	55.2	38.7	1.2	4.9	0.16	102	26	-1.7	-55.8	1	
S2P08OC8	SEC2P08OC8	4/1/2014 10:00		45	34.7	3.5	16.8	0.58	95	49	-1.4	-49.73	3	Closed valve 1/2 turn or less,,,,,,
S2P08OC8	SEC2P08OC8	4/1/2014 10:00	ADJ	45	34.7	3.5	16.8	0.54	98	47	-0.8	-49.73	1	
S2P08OC8	SEC2P08OC8	5/14/2014 10:35		48.2	36.5	1.4	13.9	0.32	106	36	-0.7	-55.57	---	No change,,,,,,
S2P08OC8	SEC2P08OC8	5/14/2014 10:35	ADJ	48.2	36.5	1.4	13.9	0.58	105	49	-0.8	-55.57	---	
S2P08OC8	SEC2P08OC8	6/10/2014 9:23		56.3	39.7	0.4	3.6	0.57	106	49	-1.3	-58.76	---	No change,,,,,,
S2P08OC8	SEC2P08OC8	6/10/2014 9:23	ADJ	56.3	39.7	0.4	3.6	0.52	106	46	-1.2	-58.76	---	
S2P08OC8	SEC2P08OC8	7/16/2014 10:13		56.3	39.1	0	4.6	0.66	105	53	-1.4	-59	---	Opened valve 1/2 turn or less,,,,,,
S2P08OC8	SEC2P08OC8	7/16/2014 10:13	ADJ	56.3	39.1	0	4.6	0.32	105	36	-2	-59	---	
S2P08OC8	SEC2P08OC8	8/13/2014 10:23		44.7	34	3	18.3	0.32	106	36	-1.2	-54	---	Closed valve 1/2 turn or less,,,,,,
S2P08OC8	SEC2P08OC8	8/13/2014 10:23	ADJ	44.7	34	3	18.3	0.22	108	29	-0.3	-54	---	
S2P08OC8	SEC2P08OC8	9/22/2014 7:51		58.1	41.7	0.1	0.1	0.3	109	35	-0.3	-56.24	---	,,,,,,
S2P08OC8	SEC2P08OC8	9/22/2014 7:51	ADJ	58.1	41.7	0.1	0.1	0.33	106	37	-1.4	-56.24	---	
S2P08OC8	SEC2P08OC8	10/9/2014 8:51		50.8	35.7	3.9	9.6	0.14	107	23	-0.1	-55.39	---	Closed valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P08OC8	SEC2P08OC8	10/9/2014 8:51	ADJ	50.8	35.7	3.9	9.6	0.31	110	35	-0.1	-55.39	---	
S2P08OC8	SEC2P08OC8	11/25/2014 10:27		58.5	41.1	0.3	0.1	0.18	100	27	-0.1	-53.42	---	Opened valve 1/2 turn or less,,,,,,
S2P08OC8	SEC2P08OC8	11/25/2014 10:27	ADJ	58.5	41.1	0.3	0.1	0.44	96	43	-1	-53.42	---	
S2P08OC8	SEC2P08OC8	12/22/2014 14:45		43.3	32.3	4.5	19.9	0.29	95	35	-0.9	-51.59	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P08OC8	SEC2P08OC8	12/22/2014 14:45	ADJ	43.3	32.3	4.5	19.9	0.28	95	34	-0.7	-51.59	---	
S2P08OC9	SEC2P08OC9	1/30/2014 13:13		39.6	37.9	2.6	19.9	-0.07	40	---	-1.8	-52.55	---	No change,,,,,,
S2P08OC9	SEC2P08OC9	1/30/2014 13:13	ADJ	39.6	37.9	2.6	19.9	-0.19	40	---	-1.9	-52.55	---	
S2P08OC9 was abandoned in accordance with the 01/02/14 approval.														
S2P09LC1	SEC2P09LCO1	1/30/2014 12:20		0.5	8.3	20.8	70.4	-0.1	40	---	-2.1	-52.24	---	Closed valve 1/2 turn or less,,,,,,
S2P09LC1	SEC2P09LCO1	1/30/2014 12:20	ADJ	0.5	8.3	20.8	70.4	-0.1	40	---	-3.3	-52.24	---	
S2P09LC1	SEC2P09LCO1	1/30/2014 12:22		0.6	7.7	21.2	70.5	-0.07	40	---	-2.4	-52.48	---	No change,,,,,,
S2P09LC1	SEC2P09LCO1	1/30/2014 12:22	ADJ	0.6	7.7	21.2	70.5	-0.07	40	---	-1.9	-52.48	---	
S2P09LC1	SEC2P09LCO1	2/12/2014 8:05		20.3	21.8	1.7	56.2	-0.21	18	---	-49.2	-49.78	---	Closed valve 1/2 turn or less,,,,,,
S2P09LC1	SEC2P09LCO1	2/12/2014 8:05	ADJ	20.3	21.8	1.7	56.2	0.12	18	12	-49.6	-49.78	---	
S2P09LC1	SEC2P09LCO1	2/13/2014 14:49		0.3	8.1	20.5	71.1	-0.02	24	---	-0.6	-52.55	---	Closed valve 1/2 turn or less,,,,,,
S2P09LC1	SEC2P09LCO1	2/13/2014 14:49	ADJ	0.3	8.1	20.5	71.1	-0.01	24	---	-0.6	-52.55	---	
S2P09LC1	SEC2P09LCO1	2/13/2014 14:53		0.3	7	21	71.7	0	24	---	-0.6	-53.3	---	No change,,,,,,
S2P09LC1	SEC2P09LCO1	2/13/2014 14:53	ADJ	0.3	7	21	71.7	0	24	1	-0.5	-53.3	---	
S2P09LC1	SEC2P09LCO1	3/17/2014 10:12		0.3	4.6	21.3	73.8	-0.04	30	---	-4.6	-53.74	---	Closed valve 1/2 turn or less,,,,,,
S2P09LC1	SEC2P09LCO1	3/17/2014 10:12	ADJ	0.3	4.6	21.3	73.8	-0.04	30	---	-4.1	-53.74	---	
S2P09LC1	SEC2P09LCO1	3/17/2014 10:14		0.3	4.7	21.2	73.8	-0.02	30	---	-2.3	-54.12	1	No change,,,,,,
S2P09LC1	SEC2P09LCO1	3/17/2014 10:14	ADJ	0.3	4.7	21.2	73.8	-0.02	30	---	-1.7	-54.12	1	
S2P09LC1	SEC2P09LCO1	4/1/2014 10:50		0.2	7.2	19.5	73.1	-0.11	31	---	-0.5	-48.62	---	No change,,,,,,
S2P09LC1	SEC2P09LCO1	4/1/2014 10:50	ADJ	0.2	7.2	19.5	73.1	-0.11	31	---	-0.7	-48.62	---	
S2P09LC1	SEC2P09LCO1	4/1/2014 10:52		0.3	6.8	20.4	72.5	-0.09	31	---	-1.6	-48.6	2	Closed valve 1/2 turn or less,,,,,,
S2P09LC1	SEC2P09LCO1	4/1/2014 10:52	ADJ	0.3	6.8	20.4	72.5	-0.09	31	---	-1.1	-48.6	1	
S2P09LC1	SEC2P09LCO1	5/14/2014 11:24		0.2	1.8	20.5	77.5	0.01	66	3	-47.4	-50.25	---	Closed valve 1/2 turn or less,,,,,,
S2P09LC1	SEC2P09LCO1	5/14/2014 11:24	ADJ	0.2	1.8	20.5	77.5	0.02	66	4	-49.9	-50.25	---	
S2P09LC1	SEC2P09LCO1	5/14/2014 11:26		0	0.6	21.2	78.2	0.09	66	10	-49.3	-55.71	---	Closed valve 1/2 turn or less,,,,,,
S2P09LC1	SEC2P09LCO1	5/14/2014 11:26	ADJ	0	0.6	21.2	78.2	0.1	63	10	-49.5	-55.71	---	
S2P09LC1	SEC2P09LCO1	6/13/2014 9:42		31	29.6	1.7	37.7	0.09	75	10	-0.1	-56.63	---	No change,,,,,,
S2P09LC1	SEC2P09LCO1	6/13/2014 9:42	ADJ	31	29.6	1.7	37.7	0.11	76	12	-0.1	-56.63	---	
S2P09LC1 was abandoned in accordance with the 06/25/14 approval.														
S2P09LC2	SEC2P09LCO2	1/29/2014 9:02		62.8	25.7	1.1	10.4	2.47	58	64	-22.4	-51.87	---	,No change,,,,,
S2P09LC2	SEC2P09LCO2	1/29/2014 9:02	ADJ	62.8	25.7	1.1	10.4	-0.72	58	64	-19	-51.87	---	
S2P09LC2	SEC2P09LCO2	2/18/2014 13:30		28.3	23.9	3.7	44.1	0.2	66	15	-50	-51.55	0	Closed valve 1/2 turn or less,,,,,,
S2P09LC2	SEC2P09LCO2	2/18/2014 13:30	ADJ	28.3	23.9	3.7	44.1	0.05	65	7	-48.8	-51.55	0	
S2P09LC2	SEC2P09LCO2	3/18/2014 12:19		30.4	25.8	1.3	42.5	0.37	62	22	-26.5	-51.25	50	Closed valve 1/2 turn or less,,,,,,
S2P09LC2	SEC2P09LCO2	3/18/2014 12:19	ADJ	30.4	25.8	1.3	42.5	0.19	54	16	-18.6	-51.25	25	
S2P09LC2	SEC2P09LCO2	4/2/2014 10:21		22.1	25.4	0.7	51.8	0.18	42	16	-0.3	-49.51	1	No change,,,,,,
S2P09LC2	SEC2P09LCO2	4/2/2014 10:21	ADJ	22.1	25.4	0.7	51.8	0.18	42	15	-0.2	-49.51	1	
S2P09LC2	SEC2P09LCO2	5/15/2014 12:36		37.6	32.6	0.4	29.4	0.23	56	18	-0.1	-56.39	---	No change,,,,,,
S2P09LC2	SEC2P09LCO2	5/15/2014 12:36	ADJ	37.6	32.6	0.4	29.4	0.24	56	18	-0.1	-56.39	---	
S2P09LC2	SEC2P09LCO2	6/10/2014 9:43		0	0.1	20.2	79.7	0.03	73	5	-56	-56.18	---	No change,,,,,,
S2P09LC2	SEC2P09LCO2	6/10/2014 9:43	ADJ	0	0.1	20.2	79.7	0.05	73	7	-56	-56.18	---	
S2P09LC2	SEC2P09LCO2	6/10/2014 9:45		0	0	20.2	79.8	0.02	73	4	-55.3	-56.53	---	Closed valve 1/2 turn or less,,,,,,
S2P09LC2	SEC2P09LCO2	6/10/2014 9:45	ADJ	0	0	20.2	79.8	0.04	73	6	-55.3	-56.53	---	
S2P09LC2	SEC2P09LCO2	6/10/2014 11:18		58.8	40.8	0.3	0.1	0.17	75	15	-0.2	-55.67	---	Opened valve 1/2 turn or less,,,,,,
S2P09LC2	SEC2P09LCO2	6/10/2014 11:18	ADJ	58.8	40.8	0.3	0.1	0.11	74	12	-0.4	-55.67	---	
S2P09LC2	SEC2P09LCO2	7/21/2014 14:00		58.4	40.9	0.5	0.2	1.74	80	47	-48.5	-54.68	---	No change,,,,,,
S2P09LC2	SEC2P09LCO2	7/21/2014 14:00	ADJ	58.4	40.9	0.5	0.2	2.34	80	55	-50.3	-54.68	---	
S2P09LC2	SEC2P09LCO2	8/18/2014 14:06		39.9	35.5	0.5	24.1	1.86	77	48	-46.6	-49.64	---	Closed valve 1/2 turn or less,,,,,,
S2P09LC2	SEC2P09LCO2	8/18/2014 14:06	ADJ	39.9	35.5	0.5	24.1	3.05	78	62	-42.5	-49.64	---	
S2P09LC2	SEC2P09LCO2	9/22/2014 9:02		35.4	30.2	2.3	32.1	0.02	69	5	-53.3	-53.42	---	Closed valve 1/2 turn or less,,,,,,
S2P09LC2	SEC2P09LCO2	9/22/2014 9:02	ADJ	35.4	30.2	2.3	32.1	0.04	69	6	-52.8	-53.42	---	
S2P09LC2	SEC2P09LCO2	10/13/2014 10:56		52.6	38.2	2.2	7	2.72	72	60	-42.6	-49.9	---	No change,,,,,,
S2P09LC2	SEC2P09LCO2	10/13/2014 10:56	ADJ	52.6	38.2	2.2	7	3.34	73	67	-41.6	-49.9	---	
S2P09LC2	SEC2P09LCO2	11/26/2014 15:20		59.6	39.7	0.5	0.2	4.72	63	82	-43.2	-51.73	---	Opened valve 1/2 turn or less,,,,,,
S2P09LC2	SEC2P09LCO2	11/26/2014 15:20	ADJ	59.6	39.7	0.5	0.2	5.19	64	85	-43.6	-51.73	---	
S2P09LC2	SEC2P09LCO2	12/23/2014 13:58		46.6	35.5	0.2	17.7	0.59	64	28	-38.5	-52.24	---	Closed valve 1/2 turn or less,,,,,,
S2P09LC2	SEC2P09LCO2	12/23/2014 13:58	ADJ	46.6	35.5	0.2	17.7	0.22	61	16	-37.3	-52.24	---	
S2P09OC1	SEC2P09OC1	1/29/2014 9:05		64.3	35.2	0.3	0.2	0.29	70	37	-0.4	-50.99	---	Opened valve 1/2 turn or less,,,,,,
S2P09OC1	SEC2P09OC1	1/29/2014 9:05	ADJ	64.3	35.2	0.3	0.2	0.74	73	59	-1.6	-50.99	---	
S2P09OC1	SEC2P09OC1	2/12/2014 8:09		47.1	29.7	0.3	22.9	0.84	88	61	-1.7	-50.03	---	Closed valve 1/2 turn or less,,,,,,
S2P09OC1	SEC2P09OC1	2/12/2014 8:09	ADJ	47.1	29.7	0.3	22.9	0.73	88	57	-1.3	-50.03	---	
S2P09OC1	SEC2P09OC1	3/18/2014 12:21		49.1	35.4	0.1	15.4	0.57	86	50	-1.3	-51.54	5	No change,,,,,,
S2P09OC1	SEC2P09OC1	3/18/2014 12:21	ADJ	49.1	35.4	0.1	15.4	1.05	86	68	-1.3	-51.54	5	
S2P09OC1	SEC2P09OC1	4/2/2014 10:23		45.1	35.1	0.4	19.4	0.74	80	56	-1.3	-50.51	1	No change,,,,,,
S2P09OC1	SEC2P09OC1	4/2/2014 10:23	ADJ	45.1	35.1	0.4	19.4	0.74	80	56	-1.2	-50.51	1	
S2P09OC1	SEC2P09OC1	5/15/2014 12:39		53.8	38.1	0	8.1	0.84	86	61	-1.3	-56.71	---	Opened valve 1/2 turn or less,,,,,,
S2P09OC1	SEC2P09OC1	5/15/2014 12:39	ADJ	53.8	38.1	0	8.1	0.94	87	64	-1.6	-56.71	---	
S2P09OC1	SEC2P09OC1	6/10/2014 11:20		56.6	39.1	0.3	4	1.06	90	68	-1.4	-55.57	---	No change,,,,,,
S2P09OC1	SEC2P09OC1	6/10/2014 11:20	ADJ	56.6	39.1	0.3	4	0.89	90	62	-1.4	-55.57	---	
S2P09OC1	SEC2P09OC1	7/16/2014 14:57		54	37.6	0.7	7.7	0.76	92	57	-1.2	-56.3	---	No change,,,,,,
S2P09OC1	SEC2P09OC1	7/16/2014 14:57	ADJ	54	37.6	0.7	7.7	0.94	92	64	-1.3	-56.3	---	
S2P09OC1	SEC2P09OC1	8/13/2014 14:18		58.9	40.7	0.3	0.1	1.26	91	74	-1.4	-51.72	---	Opened valve 1/2 turn or less,,,,,,
S2P09OC1	SEC2P09OC1	8/13/2014 14:18	ADJ	58.9	40.7	0.3	0.1	2.01	91	94	-2.4	-51.72	---	
S2P09OC1	SEC2P09OC1	9/22/2014 9:05		41.6	33.4	1	24	1.44	92	78	-2.5	-60.01	---	Closed valve 1/2 turn or less,,,,,,
S2P09OC1	SEC2P09OC1	9/22/2014 9:05	ADJ	41.6	33.4	1	24	1.18	92	71	-1.8	-60.01	---	
S2P09OC1	SEC2P09OC1	10/10/2014 9:23		43.4	34.8	0.6	21.2	1.18	90	71	-1.7	-58.82	---	Closed valve 1/2 turn or less,,,,,,
S2P09OC1	SEC2P09OC1	10/10/2014 9:23	ADJ	43.4	34.8	0.6	21.2	0.57	90	49	-1	-58.82	---	
S2P09OC1	SEC2P09OC1	11/26/2014 9:52		56.1	43.6	0.2	0.1	0.82	85	59	-0.6	-55.46	---	Opened valve 1/2 turn or less,,,,,,
S2P09OC1	SEC2P09OC1	11/26/2014 9:52	ADJ	56.1	43.6	0.2	0.1	1.01	85	66	-0.9	-55.46	---	
S2P09OC1	SEC2P09OC1	12/22/2014 14:19		40.9	34.3	0.2	24.6	0.82	86	59	-1.2	-49.08	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P09OC1	SEC2P09OC1	12/22/2014 14:19	ADJ	40.9	34.3	0.2	24.6	0.08	85	17	-0.2	-49.08	---	
S2P10LC1	SEC2P10LCO1	1/29/2014 8:50		64.2	35.2	0.4	0.2	-0.32	65	---	-0.1	-53.08	---	Opened valve 1/2 turn or less,,,,,,
S2P10LC1	SEC2P10LCO1	1/29/2014 8:50	ADJ	64.2	35.2	0.4	0.2	-0.08	65	---	-0.5	-53.08	---	
S2P10LC1	SEC2P10LCO1	2/12/2014 7:37		35.6	26.1	3.7	34.6	0.48	88	45	-0.8	-49.29	---	Closed valve 1/2 turn or less,,,,,,
S2P10LC1	SEC2P10LCO1	2/12/2014 7:37	ADJ	35.6	26.1	3.7	34.6	0.21	87	29	-0.4	-49.29	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
S2P10LC1	SEC2P10LCO1	3/18/2014 12:05		35	29	2.6	33.4	0.2	80	28	-0.3	-51.8	1	No change,,,,,,,
S2P10LC1	SEC2P10LCO1	3/18/2014 12:05	ADJ	35	29	2.6	33.4	0.2	81	29	-0.3	-51.8	1	
S2P10LC1	SEC2P10LCO1	4/2/2014 10:15		33.3	27	3.3	36.4	0.12	80	22	-0.4	-50.33	1	No change,,,,,,,
S2P10LC1	SEC2P10LCO1	4/2/2014 10:15	ADJ	33.3	27	3.3	36.4	0.09	80	19	-0.4	-50.33	1	
S2P10LC1	SEC2P10LCO1	5/15/2014 10:27		60.5	38.6	0.8	0.1	0.09	63	18	-56	-56.05	---	No change,,,,,,,
S2P10LC1	SEC2P10LCO1	5/15/2014 10:27	ADJ	60.5	38.6	0.8	0.1	0.01	63	6	-55.7	-56.05	---	
S2P10LC1	SEC2P10LCO1	5/15/2014 12:23		43.5	32.4	1.8	22.3	-0.16	76	---	-0.3	-56.09	---	Closed valve 1/2 turn or less,,,,,,,
S2P10LC1	SEC2P10LCO1	5/15/2014 12:23	ADJ	43.5	32.4	1.8	22.3	-0.21	76	---	-0.2	-56.09	---	
S2P10LC1	SEC2P10LCO1	6/10/2014 11:09		59.9	39.6	0.4	0.1	0.24	73	32	-0.1	-55.72	---	Opened valve 1/2 turn or less,,,,,,,
S2P10LC1	SEC2P10LCO1	6/10/2014 11:09	ADJ	59.9	39.6	0.4	0.1	0.18	73	28	0	-55.72	---	
S2P10LC1	SEC2P10LCO1	6/23/2014 14:37		59.1	39.1	0.5	1.3	0.2	85	29	-0.1	-51.33	---	Opened valve 1/2 turn or less,,,,,,,
S2P10LC1	SEC2P10LCO1	6/23/2014 14:37	ADJ	59.1	39.1	0.5	1.3	0.16	85	26	-0.1	-51.33	---	
S2P10LC1	SEC2P10LCO1	7/16/2014 14:21		59.4	40.2	0.2	0.2	0.17	87	27	-0.1	-56.47	---	No change,,,,,,,
S2P10LC1	SEC2P10LCO1	7/16/2014 14:21	ADJ	59.4	40.2	0.2	0.2	0.22	88	30	0	-56.47	---	
S2P10LC1	SEC2P10LCO1	7/21/2014 12:16		59.3	40.2	0.3	0.2	0.2	88	29	-0.1	-55.15	---	No change,,,,,,,
S2P10LC1	SEC2P10LCO1	7/21/2014 12:16	ADJ	59.3	40.2	0.3	0.2	0.21	88	30	-0.1	-55.15	---	
S2P10LC1	SEC2P10LCO1	8/13/2014 14:05		58.5	41	0.3	0.2	0.68	88	54	-0.1	-52.37	---	Opened valve 1/2 turn or less,,,,,,,
S2P10LC1	SEC2P10LCO1	8/13/2014 14:05	ADJ	58.5	41	0.3	0.2	1.11	88	70	-0.5	-52.37	---	
S2P10LC1	SEC2P10LCO1	9/22/2014 8:52		34.2	29.7	1.6	34.5	0.44	89	42	-0.7	-54.12	---	Closed valve 1/2 turn or less,,,,,,,
S2P10LC1	SEC2P10LCO1	9/22/2014 8:52	ADJ	34.2	29.7	1.6	34.5	0.26	89	33	-0.4	-54.12	---	
S2P10LC1	SEC2P10LCO1	10/10/2014 9:13		35.5	30.8	1.3	32.4	0.34	85	38	-0.4	-54.47	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P10LC1	SEC2P10LCO1	10/10/2014 9:13	ADJ	35.5	30.8	1.3	32.4	0.23	85	31	-0.3	-54.47	---	
S2P10LC1	SEC2P10LCO1	11/26/2014 10:03		58.9	40.9	0	0.2	0.52	77	48	-0.2	-49.08	---	Opened valve 1/2 turn or less,,,,,,,
S2P10LC1	SEC2P10LCO1	11/26/2014 10:03	ADJ	58.9	40.9	0	0.2	1.04	79	68	-0.9	-49.08	---	
S2P10LC1	SEC2P10LCO1	12/22/2014 14:29		40	33.2	1.1	25.7	0.5	90	45	-1.1	-50.37	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P10LC1	SEC2P10LCO1	12/22/2014 14:29	ADJ	40	33.2	1.1	25.7	0.17	89	26	-0.2	-50.37	---	
S2P10LC2	SEC2P10LCO2	1/30/2014 12:15		19	16.6	13	51.4	0	33	4	-1.1	-52.35	---	No change,,,,,,,
S2P10LC2	SEC2P10LCO2	1/30/2014 12:15	ADJ	19	16.6	13	51.4	-0.1	33	4	-2	-52.35	---	
S2P10LC2	SEC2P10LCO2	1/30/2014 12:17		18.8	17.4	12.8	51	-0.08	33	---	-0.7	-52.12	---	No change,,,,,,,
S2P10LC2	SEC2P10LCO2	1/30/2014 12:17	ADJ	18.8	17.4	12.8	51	-0.08	33	---	-1	-52.12	---	
S2P10LC2	SEC2P10LCO2	2/13/2014 14:54		23.4	13.5	13.2	49.9	0.01	23	6	-0.2	-52.99	---	No change,,,,,,,
S2P10LC2	SEC2P10LCO2	2/13/2014 14:54	ADJ	23.4	13.5	13.2	49.9	0.03	23	11	-0.2	-52.99	---	
S2P10LC2	SEC2P10LCO2	2/13/2014 14:57		22	14.9	11.9	51.2	0	23	---	-0.1	-52.45	---	No change,,,,,,,
S2P10LC2	SEC2P10LCO2	2/13/2014 14:57	ADJ	22	14.9	11.9	51.2	-0.02	23	---	-0.1	-52.45	---	
S2P10LC2	SEC2P10LCO2	3/17/2014 10:06		9.3	13.6	15.3	61.8	0	32	---	-0.1	-54.1	0	No change,,,,,,,
S2P10LC2	SEC2P10LCO2	3/17/2014 10:06	ADJ	9.3	13.6	15.3	61.8	0	32	---	-0.1	-54.1	0	
S2P10LC2	SEC2P10LCO2	3/17/2014 10:08		9.3	15.5	14.7	60.5	0	32	2	-0.1	-54.25	1	No change,,,,,,,
S2P10LC2	SEC2P10LCO2	3/17/2014 10:08	ADJ	9.3	15.5	14.7	60.5	0	32	4	-0.1	-54.25	1	
S2P10LC2	SEC2P10LCO2	4/1/2014 10:45		6.9	18	13	62.1	-0.1	33	---	-0.1	-48.67	---	No change,,,,,,,
S2P10LC2	SEC2P10LCO2	4/1/2014 10:45	ADJ	6.9	18	13	62.1	-0.09	33	---	0	-48.67	---	
S2P10LC2	SEC2P10LCO2	4/1/2014 10:46		6.3	17.7	14.4	61.6	-0.08	33	---	-0.1	-48.54	1	No change,,,,,,,
S2P10LC2	SEC2P10LCO2	4/1/2014 10:46	ADJ	6.3	17.7	14.4	61.6	-0.09	33	---	-0.1	-48.54	1	
S2P10LC2	SEC2P10LCO2	5/14/2014 11:11		0.5	1	20.9	77.6	0.02	62	8	-54.5	-55.56	---	Closed valve 1/2 turn or less,,,,,,,
S2P10LC2	SEC2P10LCO2	5/14/2014 11:11	ADJ	0.5	1	20.9	77.6	0.02	63	8	-54.5	-55.56	---	
S2P10LC2	SEC2P10LCO2	5/14/2014 11:17		0.2	0.5	21.1	78.2	0.02	63	9	0	-55.66	---	Closed valve 1/2 turn or less,,,,,,,
S2P10LC2	SEC2P10LCO2	5/14/2014 11:17	ADJ	0.2	0.5	21.1	78.2	0	60	4	-0.9	-55.66	---	
S2P10LC2	SEC2P10LCO2	6/10/2014 9:37		9.1	10.9	12.3	67.7	-0.05	74	---	-49.7	-56.57	---	No change,,,,,,,
S2P10LC2	SEC2P10LCO2	6/10/2014 9:37	ADJ	9.1	10.9	12.3	67.7	0.04	74	11	-51.7	-56.57	---	
S2P10LC2	SEC2P10LCO2	6/10/2014 9:39		2.6	3.3	17.8	76.3	0.03	74	10	-47.5	-56.4	---	Closed valve 1/2 turn or less,,,,,,,
S2P10LC2	SEC2P10LCO2	6/10/2014 9:39	ADJ	2.6	3.3	17.8	76.3	0.04	74	11	-46.4	-56.4	---	
S2P10LC2 was abandoned in accordance with the 06/25/14 approval.														
S2P10OC1	SEC2P10OC1	1/29/2014 13:46		62.9	36	0.9	0.2	0.24	30	33	-51.6	-51.79	---	No change,,,,,,,
S2P10OC1	SEC2P10OC1	1/29/2014 13:46	ADJ	62.9	36	0.9	0.2	0.14	30	25	-51.6	-51.79	---	
S2P10OC1	SEC2P10OC1	2/12/2014 13:34		60.6	38.6	0.7	0.1	0.72	30	57	-48.9	-49.17	---	No change,,,,,,,
S2P10OC1	SEC2P10OC1	2/12/2014 13:34	ADJ	60.6	38.6	0.7	0.1	0.27	30	34	-48.3	-49.17	---	
S2P10OC1 was abandoned in accordance with the 01/02/14 approval.														
S2P10OC2	SEC2P10OC2	1/29/2014 13:28		12.6	16.4	12.1	58.9	-0.07	29	---	-17.2	-50.94	---	Closed valve 1/2 turn or less,,,,,,,
S2P10OC2	SEC2P10OC2	1/29/2014 13:28	ADJ	12.6	16.4	12.1	58.9	-0.1	29	---	-17.6	-50.94	---	
S2P10OC2	SEC2P10OC2	1/29/2014 13:30		13	15.9	12.2	58.9	-0.08	29	---	-18	-50.89	15	No change,,,,,,,
S2P10OC2	SEC2P10OC2	1/29/2014 13:30	ADJ	13	15.9	12.2	58.9	-0.09	29	---	-18	-50.89	15	
S2P10OC2 was abandoned in accordance with the 01/02/14 approval.														
S2P10OC5	SEC2P10OC5	1/29/2014 8:53		55.8	34.1	2.9	7.2	-0.21	25	---	-49	-50.98	---	No change,,,,,,,
S2P10OC5	SEC2P10OC5	1/29/2014 8:53	ADJ	55.8	34.1	2.9	7.2	-0.1	25	---	-51	-50.98	---	
S2P10OC5	SEC2P10OC5	2/13/2014 13:31		28.2	19.1	11.5	41.2	0.16	34	26	-8.6	-50.39	---	Closed valve 1/2 to 1 turn,,,,,,,
S2P10OC5	SEC2P10OC5	2/13/2014 13:31	ADJ	28.2	19.1	11.5	41.2	0.09	33	20	-4.4	-50.39	---	
S2P10OC5	SEC2P10OC5	2/13/2014 13:33		28.9	19.2	11.3	40.6	0.08	33	19	-3.7	-51.36	---	No change,,,,,,,
S2P10OC5	SEC2P10OC5	2/13/2014 13:33	ADJ	28.9	19.2	11.3	40.6	0.09	33	20	-3.7	-51.36	---	
S2P10OC5	SEC2P10OC5	2/25/2014 12:48		64.3	34.2	1.4	0.1	0.37	20	43	-24.6	-47.4	---	Closed valve 1/2 turn or less,,,,,,,
S2P10OC5	SEC2P10OC5	2/25/2014 12:48	ADJ	64.3	34.2	1.4	0.1	0.15	20	27	-17.4	-47.4	---	
S2P10OC5	SEC2P10OC5	3/18/2014 12:07		53.7	35.2	0.4	10.7	0.87	56	61	-38.1	-51.21	10	No change,,,,,,,
S2P10OC5	SEC2P10OC5	3/18/2014 12:07	ADJ	53.7	35.2	0.4	10.7	0.51	56	46	-38.3	-51.21	10	
S2P10OC5	SEC2P10OC5	4/2/2014 10:16		50.9	34.1	0.9	14.1	-0.26	62	---	-29.7	-49.22	2	No change,,,,,,,
S2P10OC5	SEC2P10OC5	4/2/2014 10:16	ADJ	50.9	34.1	0.9	14.1	-0.36	62	---	-29.1	-49.22	2	
S2P10OC5	SEC2P10OC5	5/15/2014 12:28		0.2	0.8	21.1	77.9	-0.18	54	---	-57.8	-56.04	---	Closed valve 1/2 turn or less,,,,,,,
S2P10OC5	SEC2P10OC5	5/15/2014 12:28	ADJ	0.2	0.8	21.1	77.9	-0.23	54	---	-57.7	-56.04	---	
S2P10OC5	SEC2P10OC5	5/15/2014 12:30		0.2	1	21.2	77.6	-0.06	55	---	-60.3	-56.15	---	Closed valve 1/2 turn or less,,,,,,,
S2P10OC5	SEC2P10OC5	5/15/2014 12:30	ADJ	0.2	1	21.2	77.6	0.05	55	13	-60.2	-56.15	---	
S2P10OC5	SEC2P10OC5	5/22/2014 11:43		30.2	26	4.4	39.4	0.17	72	25	-50.9	-51	---	Opened valve 1/2 turn or less,,,,,,,
S2P10OC5	SEC2P10OC5	5/22/2014 11:43	ADJ	30.2	26	4.4	39.4	-0.04	72	25	-51	-51	---	
S2P10OC5	SEC2P10OC5	6/11/2014 8:02		60.4	20.4	3.1	16.1	0.02	74	9	-53.6	-54.15	---	No change,,,,,,,
S2P10OC5	SEC2P10OC5	6/11/2014 8:02	ADJ	60.4	20.4	3.1	16.1	0.16	75	26	-53.4	-54.15	---	
S2P10OC5	SEC2P10OC5	7/21/2014 13:12		50.2	20.5	4.5	24.8	0.05	88	13	-55	-54.93	---	No change,,,,,,,
S2P10OC5	SEC2P10OC5	7/21/2014 13:12	ADJ	50.2	20.5	4.5	24.8	0.02	89	8	-54.9	-54.93	---	
S2P10OC5	SEC2P10OC5	8/19/2014 10:19		21	14	16.7	48.3	0	80	---	-49.8	-49.84	---	Closed valve 1/2 turn or less,,,,,,,
S2P10OC5	SEC2P10OC5	8/19/2014 10:19	ADJ	21	14	16.7	48.3	-0.04	80	---	-49.8	-49.84	---	
S2P10OC5	SEC2P10OC5	8/19/2014 10:20		20.3	13.6	16.9	49.2	-0.07	80	---	-49.8	-49.81	---	No change,,,,,,,
S2P10OC5	SEC2P10OC5	8/19/2014 10:20	ADJ	20.3	13.6	16.9	49.2	-0.02	80	---	-49.8	-49.81	---	
S2P10OC5	SEC2P10OC5	8/29/2014 13:28		58.7	41.1	0	0.2	0.24	79	31	-43.8	-47.22	---	Watered out,,,,,,,
S2P10OC5	SEC2P10OC5	8/29/2014 13:28	ADJ	58.7	41.1	0	0.2	0.62	79	49	-45.4	-47.22	---	
S2P10OC5	SEC2P10OC5	9/22/2014 8:48		38.1	28.5	4.8	28.6	1.09	78	66	-28.9	-52.06	---	Valve barely open,,,,,,,
S2P10OC5	SEC2P10OC5	9/22/2014 8:48	ADJ	38.1	28.5	4.8	28.6	1.07	79	66	-28.4	-52.06	---	
S2P10OC5	SEC2P10OC5	10/10/2014 9:16		47.8	36.5	0	15.7	-0.53	67	---	-19.7	-53.74	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P10OC5	SEC2P10OC5	10/10/2014 9:16	ADJ	47.8	36.5	0	15.7	0.1	67	19	-19.2	-53.74	---	
S2P10OC5	SEC2P10OC5	11/26/2014 10:00		56.2	43.6	0.1	0.1	0.47	46	44	-48.7	-49.53	---	Opened valve 1/2 turn or less,Valve fully open,Watered out,,,,,
S2P10OC5	SEC2P10OC5	11/26/2014 10:00	ADJ	56.2	43.6	0.1	0.1	2.55	43	104	-49.2	-49.53	---	
S2P10OC5	SEC2P10OC5	12/22/2014 14:27		44.5	35.5	0.1	19.9	0.02	55	10	-7.5	-49.24	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P10OC5	SEC2P10OC5	12/22/2014 14:27	ADJ	44.5	35.5	0.1	19.9	-0.06	54	10	-7.1	-49.24	---	
S2P10OC6	SEC2P10OC6	1/29/2014 8:56		62.7	36.9	0.3	0.1	-1.12	90	---	-0.6	-51.89	---	Opened valve 1/2 turn or less,,,,,,,
S2P10OC6	SEC2P10OC6	1/29/2014 8:56	ADJ	62.7	36.9	0.3	0.1	-0.68	90	---	-1.3	-51.89	---	
S2P10OC6	SEC2P10OC6	2/12/2014 7:43		48.6	29.6	1.3	20.5	0.04	93	13	-1.4	-49.48	---	No change,,,,,,,
S2P10OC6	SEC2P10OC6	2/12/2014 7:43	ADJ	48.6	29.6	1.3	20.5	0.08	93	18	-1.4	-49.48	---	
S2P10OC6	SEC2P10OC6	3/18/2014 12:10		45.6	35	0.9	18.5	0.69	95	54	-1.3	-50.39	5	Closed valve 1/2 turn or less,,,,,,,
S2P10OC6	SEC2P10OC6	3/18/2014 12:10	ADJ	45.6	35	0.9	18.5	0.41	95	41	-0.9	-50.39	2	
S2P10OC6	SEC2P10OC6	4/2/2014 10:19		45.7	34.6	0.8	18.9	0.53	92	47	-1.1	-49.53	3	Closed valve 1/2 turn or less,,,,,,,
S2P10OC6	SEC2P10OC6	4/2/2014 10:19	ADJ	45.7	34.6	0.8	18.9	0.3	92	35	-0.8	-49.53	1	
S2P10OC6	SEC2P10OC6	5/15/2014 12:33		45	34.5	0.7	19.8	0.19	92	28	-0.5	-56.29	---	Closed valve 1/2 turn or less,,,,,,,
S2P10OC6	SEC2P10OC6	5/15/2014 12:33	ADJ	45	34.5	0.7	19.8	0.31	92	36	-0.2	-56.29	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
S2P10OC6	SEC2P10OC6	6/13/2014 9:14		53.5	38.8	0.2	7.5	0.16	91	26	-0.2	-55.78	---	No change,,,,,,,
S2P10OC6	SEC2P10OC6	6/13/2014 9:14	ADJ	53.5	38.8	0.2	7.5	0.21	92	29	-0.2	-55.78	---	
S2P10OC6	SEC2P10OC6	7/16/2014 14:32		59.5	40	0.3	0.2	0.18	93	27	-0.1	-56.36	---	No change,,,,,,,
S2P10OC6	SEC2P10OC6	7/16/2014 14:32	ADJ	59.5	40	0.3	0.2	0.18	93	28	-0.1	-56.36	---	
S2P10OC6	SEC2P10OC6	8/13/2014 14:12		58.9	40.8	0.1	0.2	0.78	93	58	-0.1	-50.8	---	Opened valve 1/2 turn or less,,,,,,,
S2P10OC6	SEC2P10OC6	8/13/2014 14:12	ADJ	58.9	40.8	0.1	0.2	1.38	94	78	-1.1	-50.8	---	
S2P10OC6	SEC2P10OC6	9/22/2014 8:56		52.6	37.3	0	10.1	1.06	97	67	-1.3	-53.24	---	No change,,,,,,,
S2P10OC6	SEC2P10OC6	9/22/2014 8:56	ADJ	52.6	37.3	0	10.1	0.51	97	46	-1.2	-53.24	---	
S2P10OC6	SEC2P10OC6	10/10/2014 9:18		53.9	37.9	0	8.2	0.86	96	61	-1.2	-53.72	---	Opened valve 1/2 turn or less,,,,,,,
S2P10OC6	SEC2P10OC6	10/10/2014 9:18	ADJ	53.9	37.9	0	8.2	0.86	96	61	-1.5	-53.72	---	
S2P10OC6	SEC2P10OC6	11/26/2014 9:57		58.4	41.1	0.4	0.1	1.13	93	70	-1.1	-49.65	---	Opened valve 1/2 turn or less,,,,,,,
S2P10OC6	SEC2P10OC6	11/26/2014 9:57	ADJ	58.4	41.1	0.4	0.1	1.66	94	85	-2.1	-49.65	---	
S2P10OC6	SEC2P10OC6	12/22/2014 14:24		47.3	37.1	0.4	15.2	1.12	95	69	-2.1	-48.92	---	Closed valve 1/2 turn or less,,,,,,,
S2P10OC6	SEC2P10OC6	12/22/2014 14:24	ADJ	47.3	37.1	0.4	15.2	0.96	95	64	-1.4	-48.92	---	
S2P11LC1	SEC2P11LCO1	1/29/2014 9:31		0.8	11	19.1	69.1	-0.08	20	---	-45.3	-53.24	---	Closed valve 1/2 turn or less,,,,,,,
S2P11LC1	SEC2P11LCO1	1/29/2014 9:31	ADJ	0.8	11	19.1	69.1	-0.02	20	---	-45.5	-53.24	---	
S2P11LC1	SEC2P11LCO1	1/29/2014 9:33		0.5	7.7	20.3	71.5	0	20	3	-48.2	-53.24	---	No change,,,,,,,
S2P11LC1	SEC2P11LCO1	1/29/2014 9:33	ADJ	0.5	7.7	20.3	71.5	0	20	3	-53.2	-53.24	---	
S2P11LC1	SEC2P11LCO1	2/18/2014 13:16		5.4	8.6	16.6	69.4	0.04	54	11	-50.2	-52.36	---	Closed valve 1/2 turn or less,,,,,,,
S2P11LC1	SEC2P11LCO1	2/18/2014 13:16	ADJ	5.4	8.6	16.6	69.4	0.04	54	11	-52.6	-52.36	---	
S2P11LC1	SEC2P11LCO1	2/18/2014 13:25		5.6	6.7	17	70.7	0.04	54	11	-52.2	-52.44	---	Closed valve 1/2 turn or less,,,,,,,
S2P11LC1	SEC2P11LCO1	2/18/2014 13:25	ADJ	5.6	6.7	17	70.7	0.04	54	12	-52.1	-52.44	---	
S2P11LC1	SEC2P11LCO1	3/18/2014 8:10		12.8	15	10.9	61.3	-0.11	50	---	-33.5	-53.61	1	Closed valve 1/2 turn or less,,,,,,,
S2P11LC1	SEC2P11LCO1	3/18/2014 8:10	ADJ	12.8	15	10.9	61.3	-0.06	48	---	-33.5	-53.61	1	
S2P11LC1	SEC2P11LCO1	3/18/2014 8:12		12.2	15.1	11	61.7	-0.06	47	---	-32.4	-53.87	---	No change,,,,,,,
S2P11LC1	SEC2P11LCO1	3/18/2014 8:12	ADJ	12.2	15.1	11	61.7	-0.06	46	---	-32.3	-53.87	---	
S2P11LC1	SEC2P11LCO1	4/2/2014 9:55		0.6	7.3	17.5	74.6	-0.24	45	---	-51.8	-51.72	---	Closed valve 1/2 turn or less,,,,,,,
S2P11LC1	SEC2P11LCO1	4/2/2014 9:55	ADJ	0.6	7.3	17.5	74.6	-0.21	45	---	-51.4	-51.72	---	
S2P11LC1	SEC2P11LCO1	4/2/2014 9:56		0.8	6.9	17.8	74.5	-0.21	45	---	-50.6	-52.06	1	No change,,,,,,,
S2P11LC1	SEC2P11LCO1	4/2/2014 9:56	ADJ	0.8	6.9	17.8	74.5	-0.21	45	---	-50.4	-52.06	1	
S2P11LC1	SEC2P11LCO1	5/14/2014 14:14		22.4	17.3	7.3	53	-0.03	65	---	-56.2	-56.26	---	Closed valve 1/2 turn or less,,,,,,,
S2P11LC1	SEC2P11LCO1	5/14/2014 14:14	ADJ	22.4	17.3	7.3	53	0.02	65	8	-56.1	-56.26	---	
S2P11LC1	SEC2P11LCO1	5/14/2014 14:17		19.3	14.7	9.4	56.6	0.01	64	6	-54.6	-56.34	---	Closed valve 1/2 turn or less,,,,,,,
S2P11LC1	SEC2P11LCO1	5/14/2014 14:17	ADJ	19.3	14.7	9.4	56.6	0.01	65	7	-54.5	-56.34	---	
S2P11LC1	SEC2P11LCO1	6/11/2014 8:50		15.4	14.9	7.4	62.3	0.08	76	17	-54.9	-55	---	No change,,,,,,,
S2P11LC1	SEC2P11LCO1	6/11/2014 8:50	ADJ	15.4	14.9	7.4	62.3	0.07	78	15	-54.7	-55	---	
S2P11LC1	SEC2P11LCO1	7/17/2014 10:23		39.2	19.2	4.8	36.8	-0.03	82	---	-3.7	-55.97	---	Opened valve 1/2 turn or less,,,,,,,
S2P11LC1	SEC2P11LCO1	7/17/2014 10:23	ADJ	39.2	19.2	4.8	36.8	0.03	84	11	-6.9	-55.97	---	
S2P11LC1	SEC2P11LCO1	8/12/2014 11:20		3.1	1.1	18.8	77	-0.01	82	---	-54.2	-54.55	---	Closed valve 1/2 turn or less,,,,,,,
S2P11LC1	SEC2P11LCO1	8/12/2014 11:20	ADJ	3.1	1.1	18.8	77	-0.01	82	---	-53.8	-54.55	---	
S2P11LC1	SEC2P11LCO1	8/12/2014 11:21		3.6	1.2	18.6	76.6	0	82	---	-51.4	-54.64	---	No change,,,,,,,
S2P11LC1	SEC2P11LCO1	8/12/2014 11:21	ADJ	3.6	1.2	18.6	76.6	-0.01	82	---	-51.2	-54.64	---	
S2P11LC1	SEC2P11LCO1	8/12/2014 11:37		20.5	3.9	18.1	57.5	-0.02	78	---	-54.6	-54.59	---	Closed valve 1/2 turn or less,,,,,,,
S2P11LC1	SEC2P11LCO1	8/12/2014 11:37	ADJ	20.5	3.9	18.1	57.5	-0.02	78	---	-54.6	-54.59	---	
S2P11LC1	SEC2P11LCO1	8/12/2014 11:38		20.5	3.8	18.3	57.4	-0.02	78	---	-54.5	-54.59	---	No change,,,,,,,
S2P11LC1	SEC2P11LCO1	8/12/2014 11:38	ADJ	20.5	3.8	18.3	57.4	-0.02	79	---	-54.6	-54.59	---	
S2P11LC1	SEC2P11LCO1	9/22/2014 10:31		0.3	0.3	20.5	78.9	0.03	73	10	-53.2	-54.44	---	Valve barely open,,,,,,,
S2P11LC1	SEC2P11LCO1	9/22/2014 10:31	ADJ	0.3	0.3	20.5	78.9	0.03	74	10	-53.2	-54.44	---	
S2P11LC1	SEC2P11LCO1	9/22/2014 10:33		0.2	0.2	20.5	79.1	0.04	74	11	-52	-54.38	---	Valve barely open,,,,,,,
S2P11LC1	SEC2P11LCO1	9/22/2014 10:33	ADJ	0.2	0.2	20.5	79.1	0.04	74	12	-51.7	-54.38	---	
S2P11LC1	SEC2P11LCO1	10/10/2014 12:08		5.9	6.4	19.9	67.8	0.03	61	9	-52.2	-52.46	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC1	SEC2P11LCO1	10/10/2014 12:08	ADJ	5.9	6.4	19.9	67.8	0.03	63	9	-52.1	-52.46	---	
S2P11LC1	SEC2P11LCO1	10/10/2014 12:09		5.4	6	20.1	68.5	0.01	63	6	-50	-52.44	---	Closed valve 1/2 turn or less,,,,,,,
S2P11LC1	SEC2P11LCO1	10/10/2014 12:09	ADJ	5.4	6	20.1	68.5	0.01	63	5	-49.7	-52.44	---	
S2P11LC1	SEC2P11LCO1	11/26/2014 8:21		6.3	7.2	19.4	67.1	0.11	50	20	-23.1	-51.62	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC1	SEC2P11LCO1	11/26/2014 8:21	ADJ	6.3	7.2	19.4	67.1	0.1	40	20	-23.4	-51.62	---	
S2P11LC1	SEC2P11LCO1	11/26/2014 8:22		6.3	7.2	19.7	66.8	0.1	33	20	-27.9	-51.59	---	No change,Valve barely open,,,,,,
S2P11LC1	SEC2P11LCO1	11/26/2014 8:22	ADJ	6.3	7.2	19.7	66.8	0.1	32	20	-28.3	-51.59	---	
S2P11LC1	SEC2P11LCO1	12/22/2014 11:56		0.2	0.3	18.9	80.6	0	68	3	-29.3	-49.6	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC1	SEC2P11LCO1	12/22/2014 11:56	ADJ	0.2	0.3	18.9	80.6	0.02	54	8	-29.2	-49.6	---	
S2P11LC1	SEC2P11LCO1	12/22/2014 11:57		0.1	0.3	21.1	78.5	0.01	49	5	-27.7	-49.62	---	No change,Valve barely open,,,,,,
S2P11LC1	SEC2P11LCO1	12/22/2014 11:57	ADJ	0.1	0.3	21.1	78.5	0	48	3	-27.6	-49.62	---	
S2P11LC2	S2P11LC2	1/29/2014 9:39		1.3	15	19.5	64.2	-0.22	23	---	-52.9	-52.9	---	No change,,,,,,,
S2P11LC2	S2P11LC2	1/29/2014 9:39	ADJ	1.3	15	19.5	64.2	-0.21	23	---	-52.9	-52.9	---	
S2P11LC2	S2P11LC2	1/29/2014 9:42		1.3	14.1	19.8	64.8	-0.28	23	---	-52.9	-53.01	---	No change,,,,,,,
S2P11LC2	S2P11LC2	1/29/2014 9:42	ADJ	1.3	14.1	19.8	64.8	-0.2	23	---	-52.9	-53.01	---	
S2P11LC2	S2P11LC2	2/12/2014 8:57		0.2	0.3	22	77.5	-0.06	31	---	-54.8	-54.97	---	Closed valve 1/2 turn or less,,,,,,,
S2P11LC2	S2P11LC2	2/12/2014 8:57	ADJ	0.2	0.3	22	77.5	-0.05	30	---	-55.2	-54.97	---	
S2P11LC2	S2P11LC2	2/12/2014 9:00		6.9	0.4	20.6	72.1	-0.04	28	---	-54.8	-55.14	---	No change,,,,,,,
S2P11LC2	S2P11LC2	2/12/2014 9:00	ADJ	6.9	0.4	20.6	72.1	-0.04	28	---	-55.1	-55.14	---	
S2P11LC2	S2P11LC2	3/18/2014 8:21		0.9	1	21.6	76.5	-0.16	36	---	-52.6	-52.79	---	No change,valve completely closed,,,,,,
S2P11LC2	S2P11LC2	3/18/2014 8:21	ADJ	0.9	1	21.6	76.5	-0.16	36	---	-52.7	-52.79	---	
S2P11LC2	S2P11LC2	3/18/2014 8:24		1.6	1	21.6	75.8	-0.16	37	---	-53.4	-53.37	1	No change,,,,,,,
S2P11LC2	S2P11LC2	3/18/2014 8:24	ADJ	1.6	1	21.6	75.8	-0.15	37	---	-53.4	-53.37	1	
S2P11LC2	S2P11LC2	4/2/2014 10:02		6.5	1	18.1	74.4	-0.49	42	---	-51.4	-51.38	---	No change,,,,,,,
S2P11LC2	S2P11LC2	4/2/2014 10:02	ADJ	6.5	1	18.1	74.4	-0.48	42	---	-51.4	-51.38	---	
S2P11LC2	S2P11LC2	4/2/2014 10:03		6.9	1.1	17.8	74.2	-0.49	42	---	-51.4	-51.38	1	No change,,,,,,,
S2P11LC2	S2P11LC2	4/2/2014 10:03	ADJ	6.9	1.1	17.8	74.2	-0.48	42	---	-51.3	-51.38	1	
S2P11LC2	S2P11LC2	5/14/2014 14:37		3.2	2.8	20.2	73.8	0.08	64	16	-55.6	-56.86	---	Closed valve 1/2 turn or less,,,,,,,
S2P11LC2	S2P11LC2	5/14/2014 14:37	ADJ	3.2	2.8	20.2	73.8	0	64	2	-56	-56.86	---	
S2P11LC2	S2P11LC2	5/14/2014 14:39		2.4	2.2	20.6	74.8	0	64	---	-55.3	-56.74	---	Closed valve 1/2 turn or less,,,,,,,
S2P11LC2	S2P11LC2	5/14/2014 14:39	ADJ	2.4	2.2	20.6	74.8	0	63	---	-56.1	-56.74	---	
S2P11LC2	S2P11LC2	6/11/2014 8:34		0.6	1	19.5	78.9	0.01	74	5	-53.8	-54.07	---	Closed valve 1/2 turn or less,,,,,,,
S2P11LC2	S2P11LC2	6/11/2014 8:34	ADJ	0.6	1	19.5	78.9	0.01	74	5	-53.1	-54.07	---	
S2P11LC2	S2P11LC2	7/17/2014 10:12		5.9	1.3	18.7	74.1	0.05	79	12	-55.8	-56.21	---	No change,,,,,,,
S2P11LC2	S2P11LC2	7/17/2014 10:12	ADJ	5.9	1.3	18.7	74.1	0.04	79	12	-55.6	-56.21	---	
S2P11LC2	S2P11LC2	7/17/2014 10:13		5.8	1.2	18.8	74.2	0.05	80	13	-56.1	-56.19	---	Closed valve 1/2 turn or less,,,,,,,
S2P11LC2	S2P11LC2	7/17/2014 10:13	ADJ	5.8	1.2	18.8	74.2	0.04	80	12	-56.1	-56.19	---	
S2P11LC2	S2P11LC2	8/18/2014 14:32		22.2	4.7	17.3	55.8	-0.02	83	---	-51.1	-51.15	---	Closed valve 1/2 turn or less,,,,,,,
S2P11LC2	S2P11LC2	8/18/2014 14:32	ADJ	22.2	4.7	17.3	55.8	-0.01	84	---	-51.1	-51.15	---	
S2P11LC2	S2P11LC2	8/18/2014 14:33		22.6	4.7	17.2	55.5	-0.02	84	---	-51	-51.11	---	No change,,,,,,,
S2P11LC2	S2P11LC2	8/18/2014 14:33	ADJ	22.6	4.7	17.2	55.5	-0.01	84	---	-51	-51.11	---	
S2P11LC2	S2P11LC2	8/29/2014 13:58		25.9	5.5	13.5	55.1	0.01	82	7	-48.5	-48.47	---	Valve barely open,,,,,,,
S2P11LC2	S2P11LC2	8/29/2014 13:58	ADJ	25.9	5.5	13.5	55.1	0.03	82	10	-48.4	-48.47	---	
S2P11LC2	S2P11LC2	9/22/2014 10:43		24.2	5.1	17.6	53.1	0.04	74	12	-53.9	-53.97	---	Valve barely open,,,,,,,
S2P11LC2	S2P11LC2	9/22/2014 10:43	ADJ	24.2	5.1	17.6	53.1	0.04	74	12	-53.9	-53.97	---	
S2P11LC2	S2P11LC2	9/22/2014 10:44		23.9	4.9	17.7	53.5	0.04	74	12	-53.9	-53.96	---	Valve barely open,,,,,,,
S2P11LC2	S2P11LC2	9/22/2014 10:44	ADJ	23.9	4.9	17.7	53.5	0.04	74	12	-53.9	-53.96	---	
S2P11LC2	S2P11LC2	10/10/2014 12:35		13.2	3.2	21.3	62.3	0.04	66	12	-51.5	-51.54	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC2	S2P11LC2	10/10/2014 12:35	ADJ	13.2	3.2	21.3	62.3	0.03	66	10	-51.5	-51.54	---	
S2P11LC2	S2P11LC2	10/10/2014 12:36		12.8	3.2	21.4	62.6	0.03	66	10	-51.5	-51.53	---	No change,Valve barely open,,,,,,
S2P11LC2	S2P11LC2	10/10/2014 12:36	ADJ	12.8	3.2	21.4	62.6	0.02	66	9	-51.5	-51.53	---	
S2P11LC2	S2P11LC2	11/26/2014 8:10		0	0.1	21.6	78.3	0.09	32	18	-51.2	-51.79	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC2	S2P11LC2	11/26/2014 8:10	ADJ	0	0.1	21.6	78.3	0.08	29	18	-51.6	-51.79	---	
S2P11LC2	S2P11LC2	11/26/2014 8:11		0.2	0.5	21.5	77.8	0.08	27	18	-51.3	-51.79	---	No change,Valve barely open,,,,,,
S2P11LC2	S2P11LC2	11/26/2014 8:11	ADJ	0.2	0.5	21.5	77.8	0.09	27	18	-51.3	-51.79	---	
S2P11LC2	S2P11LC2	12/22/2014 11:33		0.1	0.3	21.5	78.1	-0.04	41	---	-48.9	-50.05	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC2	S2P11LC2	12/22/2014 11:33	ADJ	0.1	0.3	21.5	78.1	-0.04	41	---	-48.9	-50.05	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
S2P11LC2	S2P11LC2	12/22/2014 11:34		0.3	0.6	21.3	77.8	-0.04	39	---	-49.4	-49.99	---	No change,Valve barely open,,,,,,
S2P11LC2	S2P11LC2	12/22/2014 11:34	ADJ	0.3	0.6	21.3	77.8	-0.04	39	---	-49.4	-49.99	---	
S2P11LC3	S2P11LC3	1/29/2014 9:45		0.2	4.5	22.5	72.8	-0.16	21	---	-50.7	-50.73	---	No change,,,,,,
S2P11LC3	S2P11LC3	1/29/2014 9:45	ADJ	0.2	4.5	22.5	72.8	-0.17	21	---	-50.7	-50.73	---	
S2P11LC3	S2P11LC3	1/29/2014 9:46		0.2	4.3	22.6	72.9	-0.15	21	---	-50.7	-50.71	---	No change,,,,,,
S2P11LC3	S2P11LC3	1/29/2014 9:46	ADJ	0.2	4.3	22.6	72.9	-0.15	21	---	-50.7	-50.71	---	
S2P11LC3	S2P11LC3	2/12/2014 8:48		0.3	1	21.6	77.1	-0.29	22	---	-53.4	-53.62	---	Closed valve 1/2 turn or less,,,,,,
S2P11LC3	S2P11LC3	2/12/2014 8:48	ADJ	0.3	1	21.6	77.1	-0.27	22	---	-53.4	-53.62	---	
S2P11LC3	S2P11LC3	2/12/2014 8:49		0.3	0.8	21.6	77.3	-0.13	22	---	-53	-53.68	---	No change,,,,,,
S2P11LC3	S2P11LC3	2/12/2014 8:49	ADJ	0.3	0.8	21.6	77.3	-0.13	22	---	-52.9	-53.68	---	
S2P11LC3	S2P11LC3	3/18/2014 8:27		0.4	0.8	21.6	77.2	-0.08	34	---	-12.9	-53.57	---	No change,,,,,,
S2P11LC3	S2P11LC3	3/18/2014 8:27	ADJ	0.4	0.8	21.6	77.2	-0.07	35	---	-12.9	-53.57	---	
S2P11LC3	S2P11LC3	3/18/2014 8:28		0.3	0.7	21.9	77.1	-0.08	36	---	-12.6	-53.55	1	No change,,,,,,
S2P11LC3	S2P11LC3	3/18/2014 8:28	ADJ	0.3	0.7	21.9	77.1	-0.08	36	---	-12.5	-53.55	1	
S2P11LC3	S2P11LC3	4/2/2014 10:06		35.3	64.3	0.3	0.1	-1.49	60	---	-33.9	-51.66	2	Closed valve 1/2 turn or less,,,,,,
S2P11LC3	S2P11LC3	4/2/2014 10:06	ADJ	35.3	64.3	0.3	0.1	-0.04	60	---	-26.6	-51.66	1	
S2P11LC3	S2P11LC3	5/15/2014 13:09		0.8	0.5	21.1	77.6	-0.04	57	---	-56.4	-56.77	---	Closed valve 1/2 turn or less,,,,,,
S2P11LC3	S2P11LC3	5/15/2014 13:09	ADJ	0.8	0.5	21.1	77.6	-0.03	57	---	-56.3	-56.77	---	
S2P11LC3	S2P11LC3	5/15/2014 13:10		0.6	0.4	21.1	77.9	-0.04	58	---	-56.1	-56.69	---	Closed valve 1/2 turn or less,,,,,,
S2P11LC3	S2P11LC3	5/15/2014 13:10	ADJ	0.6	0.4	21.1	77.9	-0.04	58	---	-56.1	-56.69	---	
S2P11LC3	S2P11LC3	6/11/2014 8:31		2.3	1	19.2	77.5	0.02	77	8	-53	-53.32	---	No change,,,,,,
S2P11LC3	S2P11LC3	6/11/2014 8:31	ADJ	2.3	1	19.2	77.5	0.01	77	5	-53.3	-53.32	---	
S2P11LC3	S2P11LC3	7/17/2014 10:06		1.6	0.8	19.6	78	0.06	79	13	-56.1	-56.18	---	No change,,,,,,
S2P11LC3	S2P11LC3	7/17/2014 10:06	ADJ	1.6	0.8	19.6	78	0.03	79	10	-56.1	-56.18	---	
S2P11LC3	S2P11LC3	7/17/2014 10:07		1.8	0.8	19.5	77.9	0.04	79	11	-56.1	-56.16	---	Closed valve 1/2 turn or less,,,,,,
S2P11LC3	S2P11LC3	7/17/2014 10:07	ADJ	1.8	0.8	19.5	77.9	0.04	79	12	-56.1	-56.16	---	
S2P11LC3	S2P11LC3	8/12/2014 11:42		5.2	1.3	22.6	70.9	-0.02	84	---	-54.4	-54.58	---	Closed valve 1/2 turn or less,,,,,,
S2P11LC3	S2P11LC3	8/12/2014 11:42	ADJ	5.2	1.3	22.6	70.9	-0.01	83	---	-54.4	-54.58	---	
S2P11LC3	S2P11LC3	8/12/2014 11:43		5.5	1.3	22.6	70.6	-0.02	83	---	-54.4	-54.53	---	No change,,,,,,
S2P11LC3	S2P11LC3	8/12/2014 11:43	ADJ	5.5	1.3	22.6	70.6	-0.01	83	---	-54.3	-54.53	---	
S2P11LC3	S2P11LC3	8/29/2014 14:00		5.3	1.8	18.6	74.3	0.02	81	8	-48.4	-48.38	---	Valve barely open,,,,,,
S2P11LC3	S2P11LC3	8/29/2014 14:00	ADJ	5.3	1.8	18.6	74.3	0.03	81	9	-48.4	-48.38	---	
S2P11LC3	S2P11LC3	9/22/2014 10:48		2.8	0.9	19.9	76.4	0.05	77	12	-53.8	-53.83	---	Valve barely open,,,,,,
S2P11LC3	S2P11LC3	9/22/2014 10:48	ADJ	2.8	0.9	19.9	76.4	0.05	77	12	-53.8	-53.83	---	
S2P11LC3	S2P11LC3	9/22/2014 10:50		2.8	0.9	19.9	76.4	0.04	77	12	-53.8	-53.84	---	Valve barely open,,,,,,
S2P11LC3	S2P11LC3	9/22/2014 10:50	ADJ	2.8	0.9	19.9	76.4	0.04	78	12	-53.8	-53.84	---	
S2P11LC3	S2P11LC3	10/10/2014 12:30		0.4	0.2	20.9	78.5	0.03	68	10	-51.2	-51.65	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC3	S2P11LC3	10/10/2014 12:30	ADJ	0.4	0.2	20.9	78.5	0.03	69	9	-51.1	-51.65	---	
S2P11LC3	S2P11LC3	10/10/2014 12:31		0.4	0.2	20.8	78.6	0.03	69	10	-51.4	-51.65	---	No change,Valve barely open,,,,,,
S2P11LC3	S2P11LC3	10/10/2014 12:31	ADJ	0.4	0.2	20.8	78.6	0.03	69	10	-51.4	-51.65	---	
S2P11LC3	S2P11LC3	11/26/2014 15:29		0.1	0.2	21.4	78.3	8.88	39	193	-52.3	-52.41	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC3	S2P11LC3	11/26/2014 15:29	ADJ	0.1	0.2	21.4	78.3	8.35	37	187	-52.1	-52.41	---	
S2P11LC3	S2P11LC3	11/26/2014 15:30		0	0.2	21.7	78.1	8.48	35	189	-52.1	-52.48	---	No change,,,,,,
S2P11LC3	S2P11LC3	11/26/2014 15:30	ADJ	0	0.2	21.7	78.1	8.27	34	187	-52.1	-52.48	---	
S2P11LC3	S2P11LC3	12/22/2014 11:10		0.1	0.2	21.3	78.4	-0.01	37	---	-48.5	-49.86	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC3	S2P11LC3	12/22/2014 11:10	ADJ	0.1	0.2	21.3	78.4	-0.01	37	---	-48.1	-49.86	---	
S2P11LC3	S2P11LC3	12/22/2014 11:12		0.2	0.2	21.3	78.3	-0.01	37	---	-47.4	-49.86	---	No change,Valve barely open,,,,,,
S2P11LC3	S2P11LC3	12/22/2014 11:12	ADJ	0.2	0.2	21.3	78.3	0	37	---	-47.4	-49.86	---	
S2P11LC4	S2P11LC4	1/29/2014 9:47		0.3	2.4	22.5	74.8	-0.44	23	---	-52.5	-52.62	---	No change,,,,,,
S2P11LC4	S2P11LC4	1/29/2014 9:47	ADJ	0.3	2.4	22.5	74.8	-0.46	23	---	-52.5	-52.62	---	
S2P11LC4	S2P11LC4	1/29/2014 9:49		0.3	2.3	22.5	74.9	-0.43	23	---	-52.5	-52.58	---	No change,,,,,,
S2P11LC4	S2P11LC4	1/29/2014 9:49	ADJ	0.3	2.3	22.5	74.9	-0.43	23	---	-52.5	-52.58	---	
S2P11LC4	S2P11LC4	2/12/2014 8:52		0.3	0.5	21.8	77.4	-0.07	20	---	-54.9	-55.64	---	Closed valve 1/2 turn or less,,,,,,
S2P11LC4	S2P11LC4	2/12/2014 8:52	ADJ	0.3	0.5	21.8	77.4	1.2	20	70	-52.6	-55.64	---	
S2P11LC4	S2P11LC4	2/12/2014 8:54		0.2	0.5	21.8	77.5	-0.06	20	---	-54.7	-54.44	---	No change,,,,,,
S2P11LC4	S2P11LC4	2/12/2014 8:54	ADJ	0.2	0.5	21.8	77.5	-22.85	20	---	-41.3	-54.44	---	
S2P11LC4	S2P11LC4	3/18/2014 8:29		0.2	0.6	22	77.2	-0.1	35	---	-49.1	-53.41	1	No change,,,,,,
S2P11LC4	S2P11LC4	3/18/2014 8:29	ADJ	0.2	0.6	22	77.2	-0.1	36	---	-49.2	-53.41	1	
S2P11LC4	S2P11LC4	3/18/2014 8:32		0.2	0.5	22	77.3	-0.07	37	---	-49.1	-53.42	1	No change,,,,,,
S2P11LC4	S2P11LC4	3/18/2014 8:32	ADJ	0.2	0.5	22	77.3	-0.08	37	---	-49	-53.42	1	
S2P11LC4	S2P11LC4	4/2/2014 10:08		0.6	7.6	16.8	75	-0.28	40	---	-51.6	-51.49	---	No change,,,,,,
S2P11LC4	S2P11LC4	4/2/2014 10:08	ADJ	0.6	7.6	16.8	75	-0.29	40	---	-51.5	-51.49	---	
S2P11LC4	S2P11LC4	4/2/2014 10:10		0.6	6.3	17.2	75.9	-0.27	40	---	-51.1	-50.98	1	No change,,,,,,
S2P11LC4	S2P11LC4	4/2/2014 10:10	ADJ	0.6	6.3	17.2	75.9	-0.27	40	---	-50.9	-50.98	1	
S2P11LC4	S2P11LC4	5/15/2014 13:15		31.4	14.3	7.7	46.6	-0.05	57	---	-56.6	-56.67	---	Closed valve 1/2 turn or less,,,,,,
S2P11LC4	S2P11LC4	5/15/2014 13:15	ADJ	31.4	14.3	7.7	46.6	-0.03	57	---	-56.3	-56.67	---	
S2P11LC4	S2P11LC4	5/15/2014 13:17		31.2	14.2	7.7	46.9	-0.03	57	---	-53.8	-56.63	---	Closed valve 1/2 turn or less,,,,,,
S2P11LC4	S2P11LC4	5/15/2014 13:17	ADJ	31.2	14.2	7.7	46.9	-0.03	57	---	-53.7	-56.63	---	
S2P11LC4	S2P11LC4	6/11/2014 8:28		67.8	20.5	0.9	10.8	0.05	76	15	-1.1	-53.41	---	No change,,,,,,
S2P11LC4	S2P11LC4	6/11/2014 8:28	ADJ	67.8	20.5	0.9	10.8	0.05	77	16	-2.1	-53.41	---	
S2P11LC4	S2P11LC4	7/17/2014 10:01		14	8	12.6	65.4	0.05	75	12	-56.1	-56.19	---	No change,,,,,,
S2P11LC4	S2P11LC4	7/17/2014 10:01	ADJ	14	8	12.6	65.4	0.05	76	13	-56.1	-56.19	---	
S2P11LC4	S2P11LC4	7/17/2014 10:03		13.7	7.8	12.7	65.8	0.07	77	15	-55.1	-56.2	---	Closed valve 1/2 turn or less,,,,,,
S2P11LC4	S2P11LC4	7/17/2014 10:03	ADJ	13.7	7.8	12.7	65.8	0.05	77	13	-54.9	-56.2	---	
S2P11LC4	S2P11LC4	8/12/2014 11:45		0.7	1	22.7	75.6	-0.01	81	---	-3.9	-54.64	---	Closed valve 1/2 turn or less,,,,,,
S2P11LC4	S2P11LC4	8/12/2014 11:45	ADJ	0.7	1	22.7	75.6	-0.01	81	---	-3.4	-54.64	---	
S2P11LC4	S2P11LC4	8/12/2014 11:46		1.3	1.9	21.4	75.4	-0.01	81	---	-3.9	-54.47	---	No change,,,,,,
S2P11LC4	S2P11LC4	8/12/2014 11:46	ADJ	1.3	1.9	21.4	75.4	-0.01	81	---	-4	-54.47	---	
S2P11LC4	S2P11LC4	8/29/2014 14:02		0.2	0.3	19.8	79.7	0.02	75	8	-48.4	-48.4	---	Valve barely open,,,,,,
S2P11LC4	S2P11LC4	8/29/2014 14:02	ADJ	0.2	0.3	19.8	79.7	0.04	77	11	-48.4	-48.4	---	
S2P11LC4	S2P11LC4	9/22/2014 10:52		0.4	0.2	20.5	78.9	0.04	76	12	-53.7	-53.9	---	Valve barely open,,,,,,
S2P11LC4	S2P11LC4	9/22/2014 10:52	ADJ	0.4	0.2	20.5	78.9	0.04	76	11	-53.6	-53.9	---	
S2P11LC4	S2P11LC4	9/22/2014 10:54		0.4	0.2	20.5	78.9	0.04	76	11	-53.1	-53.83	---	Valve barely open,,,,,,
S2P11LC4	S2P11LC4	9/22/2014 10:54	ADJ	0.4	0.2	20.5	78.9	0.04	77	11	-53.1	-53.83	---	
S2P11LC4	S2P11LC4	10/10/2014 12:24		1.2	1	20.2	77.6	0.03	62	9	-50.7	-51.61	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC4	S2P11LC4	10/10/2014 12:24	ADJ	1.2	1	20.2	77.6	0.04	64	11	-50.7	-51.61	---	
S2P11LC4	S2P11LC4	10/10/2014 12:26		0.5	0.3	20.8	78.4	0.03	65	10	-47.7	-51.59	---	No change,,,,,,
S2P11LC4	S2P11LC4	10/10/2014 12:26	ADJ	0.5	0.3	20.8	78.4	0.03	65	10	-47.6	-51.59	---	
S2P11LC4	S2P11LC4	11/26/2014 8:02		2.3	0.8	20.5	76.4	0.1	35	19	-49	-51.65	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC4	S2P11LC4	11/26/2014 8:02	ADJ	2.3	0.8	20.5	76.4	0.1	34	19	-48.7	-51.65	---	
S2P11LC4	S2P11LC4	11/26/2014 8:03		1.6	0.6	20.8	77	0.09	31	19	-47.8	-51.68	---	No change,Valve barely open,,,,,,
S2P11LC4	S2P11LC4	11/26/2014 8:03	ADJ	1.6	0.6	20.8	77	0.09	30	19	-47.8	-51.68	---	
S2P11LC4	S2P11LC4	12/22/2014 11:05		1.6	0.8	19.8	77.8	0.03	45	11	-2.1	-49.82	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC4	S2P11LC4	12/22/2014 11:05	ADJ	1.6	0.8	19.8	77.8	0.02	44	8	-2.1	-49.82	---	
S2P11LC4	S2P11LC4	12/22/2014 11:07		2.3	1	20.7	76	0.01	41	7	-2.2	-49.88	---	No change,Valve barely open,,,,,,
S2P11LC4	S2P11LC4	12/22/2014 11:07	ADJ	2.3	1	20.7	76	0.01	41	7	-2.2	-49.88	---	
S2P11OC1	SEC2P11OC1	1/29/2014 9:35		57.3	32.5	1.4	8.8	0.55	72	51	-1.5	-51.29	---	Opened valve 1/2 turn or less,,,,,,
S2P11OC1	SEC2P11OC1	1/29/2014 9:35	ADJ	57.3	32.5	1.4	8.8	1.05	72	71	-2	-51.29	---	
S2P11OC1	SEC2P11OC1	2/12/2014 9:13		60.5	38.8	0.5	0.2	0.62	73	53	-1.7	-55.47	---	Opened valve 1/2 turn or less,,,,,,
S2P11OC1	SEC2P11OC1	2/12/2014 9:13	ADJ	60.5	38.8	0.5	0.2	1.35	73	79	-2.3	-55.47	---	
S2P11OC1	SEC2P11OC1	3/18/2014 8:14		21.3	13	14.1	51.6	-0.17	42	---	-53.5	-53.87	---	Closed valve 1/2 to 1 turn,,,,,,
S2P11OC1	SEC2P11OC1	3/18/2014 8:14	ADJ	21.3	13	14.1	51.6	-0.26	43	---	-53.2	-53.87	---	
S2P11OC1	SEC2P11OC1	3/18/2014 8:17		29.3	12.2	13.9	44.6	-0.29	45	---	-42.4	-53.6	1	No change,,,,,,
S2P11OC1	SEC2P11OC1	3/18/2014 8:17	ADJ	29.3	12.2	13.9	44.6	-0.28	44	---	-42.1	-53.6	1	
S2P11OC1	SEC2P11OC1	3/26/2014 13:05		10.8	12.1	11.3	65.8	-0.25	41	---	-51.7	-54.05	---	Closed valve 1/2 turn or less,,,,,,
S2P11OC1	SEC2P11OC1	3/26/2014 13:05	ADJ	10.8	12.1	11.3	65.8	-0.27	40	---	-51.4	-54.05	---	
S2P11OC1	SEC2P11OC1	3/28/2014 16:04		6.5	7.1	15.4	71	-0.04	55	---	-49.4	-49.31	---	Closed valve 1/2 turn or less,,,,,,
S2P11OC1	SEC2P11OC1	3/28/2014 16:04	ADJ	6.5	7.1	15.4	71	-0.01	55	---	-49.2	-49.31	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
S2P11OC1	SEC2P11OC1	4/2/2014 9:59		0.1	2.3	18.9	78.7	-0.57	45	---	-51	-51.55	---	No change,,,,,,,
S2P11OC1	SEC2P11OC1	4/2/2014 9:59	ADJ	0.1	2.3	18.9	78.7	-0.55	45	---	-50.8	-51.55	---	
S2P11OC1	SEC2P11OC1	4/2/2014 10:00		0.2	2.4	18.9	78.5	-0.64	45	---	-50.8	-51.66	1	No change,,,,,,,
S2P11OC1	SEC2P11OC1	4/2/2014 10:00	ADJ	0.2	2.4	18.9	78.5	-0.64	45	---	-50.8	-51.66	1	
S2P11OC1	SEC2P11OC1	5/14/2014 14:23		0.8	0.8	21.4	77	0	65	---	-56.8	-57.19	---	Closed valve 1/2 turn or less,,,,,,,
S2P11OC1	SEC2P11OC1	5/14/2014 14:23	ADJ	0.8	0.8	21.4	77	0	64	3	-53.4	-57.19	---	
S2P11OC1	SEC2P11OC1	5/14/2014 14:28		6.2	4.7	19.4	69.7	0	68	---	-56.9	-56.97	---	Closed valve 1/2 turn or less,,,,,,,
S2P11OC1	SEC2P11OC1	5/14/2014 14:28	ADJ	6.2	4.7	19.4	69.7	-0.02	68	---	-56.9	-56.97	---	
S2P11OC1	SEC2P11OC1	6/13/2014 5:36		63.3	23.5	3.5	9.7	-0.22	55	---	-7.2	-57.16	---	No change,,,,,,,
S2P11OC1	SEC2P11OC1	6/13/2014 5:36	ADJ	63.3	23.5	3.5	9.7	-0.09	56	---	-19.2	-57.16	---	
S2P11OC1	SEC2P11OC1	7/17/2014 10:18		59.7	39.7	0.5	0.1	0.11	81	21	-0.2	-56.8	---	No change,,,,,,,
S2P11OC1	SEC2P11OC1	7/17/2014 10:18	ADJ	59.7	39.7	0.5	0.1	0.21	81	30	-0.2	-56.8	---	
S2P11OC1	SEC2P11OC1	8/12/2014 11:10		58	41.9	0	0.1	0.05	-26	---	-0.7	-55.61	---	Opened valve 1/2 turn or less,,,,,,,
S2P11OC1	SEC2P11OC1	8/12/2014 11:10	ADJ	58	41.9	0	0.1	0.12	-26	---	-0.8	-55.61	---	
S2P11OC1	SEC2P11OC1	8/12/2014 11:10		58	41.9	0	0.1	0.05	83	---	-0.7	-55.61	---	Opened valve 1/2 turn or less,,,,,,,
S2P11OC1	SEC2P11OC1	8/12/2014 11:10	ADJ	58	41.9	0	0.1	0.12	83	---	-0.8	-55.61	---	
S2P11OC1	SEC2P11OC1	9/22/2014 10:38		68.3	31	0.5	0.2	0.03	77	10	-54	-54.06	---	Valve fully open,,,,,,,
S2P11OC1	SEC2P11OC1	9/22/2014 10:38	ADJ	68.3	31	0.5	0.2	0.04	77	12	-54	-54.06	---	
S2P11OC1	SEC2P11OC1	10/10/2014 12:13		66.6	32.8	0.4	0.2	0.04	70	13	-52	-52.01	---	No change,Valve fully open,,,,,,
S2P11OC1	SEC2P11OC1	10/10/2014 12:13	ADJ	66.6	32.8	0.4	0.2	0.09	69	19	-52	-52.01	---	
S2P11OC1	SEC2P11OC1	11/26/2014 8:15		66.9	31	2	0.1	0.06	33	16	-51.9	-51.88	---	No change,Valve fully open,,,,,,
S2P11OC1	SEC2P11OC1	11/26/2014 8:15	ADJ	66.9	31	2	0.1	0.08	33	19	-51.9	-51.88	---	
S2P11OC1	SEC2P11OC1	12/22/2014 11:50		66.5	31.8	1.5	0.2	0.01	45	6	-49.8	-49.95	---	No change,Valve fully open,,,,,,
S2P11OC1	SEC2P11OC1	12/22/2014 11:50	ADJ	66.5	31.8	1.5	0.2	-0.03	46	6	-49.9	-49.95	---	
S2P11OC2	SEC2P11OC2	1/29/2014 9:29		46.5	33.7	0.8	19	2.94	114	110	-11.7	-53.02	---	Closed valve 1/2 to 1 turn,,,,,,,
S2P11OC2	SEC2P11OC2	1/29/2014 9:29	ADJ	46.5	33.7	0.8	19	0.46	112	43	-6.7	-53.02	---	
S2P11OC2	SEC2P11OC2	2/12/2014 9:10		58.2	38.8	0.6	2.4	0.32	117	36	-2.2	-55.71	---	Opened valve 1/2 turn or less,,,,,,,
S2P11OC2	SEC2P11OC2	2/12/2014 9:10	ADJ	58.2	38.8	0.6	2.4	0.53	119	47	-3.1	-55.71	---	
S2P11OC2	SEC2P11OC2	3/18/2014 8:08		58.2	41.2	0.4	0.2	0.66	117	52	-4.1	-56.36	5	Opened valve 1/2 turn or less,,,,,,,
S2P11OC2	SEC2P11OC2	3/18/2014 8:08	ADJ	58.2	41.2	0.4	0.2	1.75	118	85	-6.6	-56.36	6	
S2P11OC2	SEC2P11OC2	4/2/2014 9:52		44.6	35	1.7	18.7	1.25	114	71	-8.7	-51.24	4	Closed valve 1/2 to 1 turn,,,,,,,
S2P11OC2	SEC2P11OC2	4/2/2014 9:52	ADJ	44.6	35	1.7	18.7	0.44	114	41	-6.3	-51.24	2	
S2P11OC2	SEC2P11OC2	5/14/2014 14:31		57	42.7	0.2	0.1	0.09	105	19	-0.1	-57.15	---	Opened valve 1/2 turn or less,,,,,,,
S2P11OC2	SEC2P11OC2	5/14/2014 14:31	ADJ	57	42.7	0.2	0.1	0.12	110	22	-0.4	-57.15	---	
S2P11OC2	SEC2P11OC2	6/11/2014 8:47		57.5	41.8	0.5	0.2	0.27	117	33	-0.1	-54.43	---	No change,,,,,,,
S2P11OC2	SEC2P11OC2	6/11/2014 8:47	ADJ	57.5	41.8	0.5	0.2	0.21	124	29	-0.2	-54.43	---	
S2P11OC2	SEC2P11OC2	7/17/2014 10:20		57.6	41.9	0.4	0.1	0.2	120	28	-1	-56.52	---	No change,,,,,,,
S2P11OC2	SEC2P11OC2	7/17/2014 10:20	ADJ	57.6	41.9	0.4	0.1	0.21	120	28	-1	-56.52	---	
S2P11OC2	SEC2P11OC2	8/12/2014 11:15		57.8	41.9	0.2	0.1	0.13	118	22	-1.1	-55.41	---	Opened valve 1/2 turn or less,,,,,,,
S2P11OC2	SEC2P11OC2	8/12/2014 11:15	ADJ	57.8	41.9	0.2	0.1	0.08	118	17	-1.4	-55.41	---	
S2P11OC2	SEC2P11OC2	9/22/2014 10:36		58	41.6	0.3	0.1	0.28	118	33	-1.6	-54.16	---	Opened valve 1/2 turn or less,,,,,,,
S2P11OC2	SEC2P11OC2	9/22/2014 10:36	ADJ	58	41.6	0.3	0.1	0.52	120	46	-2.6	-54.16	---	
S2P11OC2	SEC2P11OC2	10/10/2014 12:11		58.1	41.4	0.4	0.1	0.51	117	45	-3.4	-53.13	---	Opened valve 1/2 turn or less,,,,,,,
S2P11OC2	SEC2P11OC2	10/10/2014 12:11	ADJ	58.1	41.4	0.4	0.1	1.02	118	65	-4.4	-53.13	---	
S2P11OC2	SEC2P11OC2	11/26/2014 8:18		58.5	41.2	0.2	0.1	0.93	112	62	-5.5	-52.88	---	Opened valve 1/2 turn or less,,,,,,,
S2P11OC2	SEC2P11OC2	11/26/2014 8:18	ADJ	58.5	41.2	0.2	0.1	1.51	113	79	-6.5	-52.88	---	
S2P11OC2	SEC2P11OC2	12/22/2014 11:53		59.1	40.5	0.2	0.2	1.11	112	68	-7.3	-51.42	---	Opened valve 1/2 turn or less,,,,,,,
S2P11OC2	SEC2P11OC2	12/22/2014 11:53	ADJ	59.1	40.5	0.2	0.2	1.43	112	77	-8.2	-51.42	---	
S2P11OC3	SEC2P11OC3	1/30/2014 6:37		57.4	41.1	0.6	0.9	2.79	50	116	-4	-56.14	---	Opened valve 1/2 turn or less,,,,,,,
S2P11OC3	SEC2P11OC3	1/30/2014 6:37	ADJ	57.4	41.1	0.6	0.9	2.91	50	118	-5.1	-56.14	---	
S2P11OC3	SEC2P11OC3	2/12/2014 9:30		56.1	42.4	0.6	0.9	3.6	54	130	-5.2	-57.65	---	Opened valve 1/2 turn or less,,,,,,,
S2P11OC3	SEC2P11OC3	2/12/2014 9:30	ADJ	56.1	42.4	0.6	0.9	2.75	54	113	-5.9	-57.65	---	
S2P11OC3	SEC2P11OC3	3/18/2014 7:58		55.7	43.8	0.4	0.1	3.52	58	127	-6	-58.92	5	Opened valve 1/2 turn or less,,,,,,,
S2P11OC3	SEC2P11OC3	3/18/2014 7:58	ADJ	55.7	43.8	0.4	0.1	5.41	58	158	-7.8	-58.92	7	
S2P11OC3	SEC2P11OC3	4/2/2014 9:49		52.9	40.6	1.2	5.3	5.57	60	161	-7.6	-53.72	5	No change,,,,,,,
S2P11OC3	SEC2P11OC3	4/2/2014 9:49	ADJ	52.9	40.6	1.2	5.3	4.16	60	138	-7.3	-53.72	5	
S2P11OC3	SEC2P11OC3	5/14/2014 14:48		56.7	42.5	0.7	0.1	5.24	63	156	-8	-61.05	---	Closed valve 1/2 turn or less,,,,,,,
S2P11OC3	SEC2P11OC3	5/14/2014 14:48	ADJ	56.7	42.5	0.7	0.1	5.37	63	158	-7.6	-61.05	---	
S2P11OC3	SEC2P11OC3	6/11/2014 8:57		52	39.5	2	6.5	5.87	65	164	-6.8	-59.2	---	Closed valve 1/2 turn or less,,,,,,,
S2P11OC3	SEC2P11OC3	6/11/2014 8:57	ADJ	52	39.5	2	6.5	3.71	65	130	-6.3	-59.2	---	
S2P11OC3	SEC2P11OC3	7/17/2014 10:35		49.2	37.6	2.9	10.3	5.2	68	154	-6.6	-61.02	---	Closed valve 1/2 turn or less,,,,,,,
S2P11OC3	SEC2P11OC3	7/17/2014 10:35	ADJ	49.2	37.6	2.9	10.3	3.76	68	130	-6.2	-61.02	---	
S2P11OC3	SEC2P11OC3	8/12/2014 11:06		48.4	37.5	3.4	10.7	4.93	-27	---	-5.8	-58.03	---	Closed valve 1/2 turn or less,,,,,,,
S2P11OC3	SEC2P11OC3	8/12/2014 11:06	ADJ	48.4	37.5	3.4	10.7	1.98	-27	---	-3.5	-58.03	---	
S2P11OC3	SEC2P11OC3	8/12/2014 11:06		48.4	37.5	3.4	10.7	4.93	72	---	-5.8	-58.03	---	Closed valve 1/2 turn or less,,,,,,,
S2P11OC3	SEC2P11OC3	8/12/2014 11:06	ADJ	48.4	37.5	3.4	10.7	1.98	72	---	-3.5	-58.03	---	
S2P11OC3	SEC2P11OC3	9/22/2014 10:26		57.2	41.3	0.4	1.1	2.87	75	114	-3.7	-58.19	---	Opened valve 1/2 turn or less,,,,,,,
S2P11OC3	SEC2P11OC3	9/22/2014 10:26	ADJ	57.2	41.3	0.4	1.1	3.46	75	125	-5.6	-58.19	---	
S2P11OC3	SEC2P11OC3	10/10/2014 12:04		58.6	41	0.2	0.2	4.2	76	139	-5.4	-56.38	---	Opened valve 1/2 turn or less,,,,,,,
S2P11OC3	SEC2P11OC3	10/10/2014 12:04	ADJ	58.6	41	0.2	0.2	4.11	76	137	-6.5	-56.38	---	
S2P11OC3	SEC2P11OC3	11/25/2014 16:15		59	40.8	0.1	0.1	4.72	76	148	-6.8	-57.39	---	Opened valve 1/2 turn or less,,,,,,,
S2P11OC3	SEC2P11OC3	11/25/2014 16:15	ADJ	59	40.8	0.1	0.1	4.9	76	150	-7.6	-57.39	---	
S2P11OC3	SEC2P11OC3	12/22/2014 12:03		58.5	40.7	0.6	0.2	3.73	76	131	-6.8	-53.22	---	Opened valve 1/2 turn or less,,,,,,,
S2P11OC3	SEC2P11OC3	12/22/2014 12:03	ADJ	58.5	40.7	0.6	0.2	5	76	151	-7.6	-53.22	---	
S2P4ALC1	SEC2P4ALCO1	1/30/2014 10:01		44.3	33.5	4.6	17.6	0.23	36	33	-0.2	-55.57	---	No change,,,,,,,
S2P4ALC1	SEC2P4ALCO1	1/30/2014 10:01	ADJ	44.3	33.5	4.6	17.6	0.16	36	27	-0.2	-55.57	---	
S2P4ALC1	SEC2P4ALCO1	2/13/2014 14:32		47.4	34.5	4.6	13.5	0.15	38	26	-0.1	-55.77	---	No change,,,,,,,
S2P4ALC1	SEC2P4ALCO1	2/13/2014 14:32	ADJ	47.4	34.5	4.6	13.5	0.16	41	26	-0.1	-55.77	---	
S2P4ALC1	SEC2P4ALCO1	3/17/2014 12:10		57.9	39.9	0.7	1.5	3.11	67	121	-3.9	-58.47	5	Opened valve 1/2 turn or less,,,,,,,
S2P4ALC1	SEC2P4ALCO1	3/17/2014 12:10	ADJ	57.9	39.9	0.7	1.5	2.78	69	114	-4.7	-58.47	5	
S2P4ALC1	SEC2P4ALCO1	4/1/2014 8:44		48	32.4	4.8	14.8	0.11	69	22	-0.2	-50.48	1	No change,,,,,,,
S2P4ALC1	SEC2P4ALCO1	4/1/2014 8:44	ADJ	48	32.4	4.8	14.8	0.17	69	27	-0.3	-50.48	1	
S2P4ALC1	SEC2P4ALCO1	5/14/2014 11:45		51.5	36.2	2.7	9.6	0.2	73	30	-0.2	-0.24	---	No change,,,,,,,
S2P4ALC1	SEC2P4ALCO1	5/14/2014 11:45	ADJ	51.5	36.2	2.7	9.6	0.2	73	29	-0.2	-0.24	---	
S2P4ALC1	SEC2P4ALCO1	6/10/2014 10:00		49.8	34.3	3.4	12.5	0.25	76	33	-0.1	-58.65	---	No change,,,,,,,
S2P4ALC1	SEC2P4ALCO1	6/10/2014 10:00	ADJ	49.8	34.3	3.4	12.5	0.3	76	36	-0.1	-58.65	---	
S2P4ALC1	SEC2P4ALCO1	7/16/2014 15:29		52.3	35	3.3	9.4	0.17	75	27	-0.1	-59.22	---	No change,,,,,,,
S2P4ALC1	SEC2P4ALCO1	7/16/2014 15:29	ADJ	52.3	35	3.3	9.4	0.16	76	26	-0.1	-59.22	---	
S2P4ALC1	SEC2P4ALCO1	8/12/2014 7:45		59.8	40	0.1	0.1	1.51	74	83	-2.1	-55.77	---	Opened valve 1/2 turn or less,,,,,,,
S2P4ALC1	SEC2P4ALCO1	8/12/2014 7:45	ADJ	59.8	40	0.1	0.1	2.44	74	106	-4.1	-55.77	---	
S2P4ALC1	SEC2P4ALCO1	10/10/2014 11:27		60.1	39.6	0.2	0.1	0.14	66	25	-0.1	-56.71	---	Opened valve 1/2 turn or less,,,,,,,
S2P4ALC1	SEC2P4ALCO1	10/10/2014 11:27	ADJ	60.1	39.6	0.2	0.1	0.53	67	49	-0.9	-56.71	---	
S2P4ALC1	SEC2P4ALCO1	12/22/2014 15:46		50.3	35.8	4.2	9.7	-0.21	52	---	-0.1	-53.51	---	No change,Valve barely open,,,,,,
S2P4ALC1	SEC2P4ALCO1	12/22/2014 15:46	ADJ	50.3	35.8	4.2	9.7	-0.2	52	---	-0.1	-53.51	---	
S2P4BLC1	SEC2P4BLCO1	1/30/2014 13:50		54.3	38.1	1.8	5.8	9.57	70	207	-23.2	-52.25	---	No change,,,,,,,
S2P4BLC1	SEC2P4BLCO1	1/30/2014 13:50	ADJ	54.3	38.1	1.8	5.8	8.25	70	192	-22.6	-52.25	---	
S2P4BLC1	SEC2P4BLCO1	2/13/2014 10:38		55.4	39	1.8	3.8	0.9	76	61	-25.7	-53.03	---	No change,,,,,,,
S2P4BLC1	SEC2P4BLCO1	2/13/2014 10:38	ADJ	55.4	39	1.8	3.8	0.01	77	7	-20.8	-53.03	---	
S2P4BLC1	SEC2P4BLCO1	3/17/2014 12:06		42.4	33.2	2.4	22	0.18	32	28	-5.6	-36.72	5	Closed valve 1/2 turn or less,,,,,,,
S2P4BLC1	SEC2P4BLCO1	3/17/2014 12:06	ADJ	42.4	33.2	2.4	22	0.16	33	27	-5.2	-36.72	5	
S2P4BLC1	SEC2P4BLCO1	4/1/2014 8:50		59.7	39.8	0.3	0.2	0.04	51	14	-0.3	-50.07	1	No change,,,,,,,
S2P4BLC1	SEC2P4BLCO1	4/1/2014 8:50	ADJ	59.7	39.8	0.3	0.2	0.01	52	5	-0.3	-50.07	1	
S2P4BLC1	SEC2P4BLCO1	5/14/2014 11:52		49.1	34.2	2.1	14.6	0.03	72	12	-0.3	-56.88	---	Closed valve 1/2 turn or less,,,,,,,
S2P4BLC1	SEC2P4BLCO1	5/14/2014 11:52	ADJ	49.1	34.2	2.1	14.6	0.04	70	12	-0.2	-56.88	---	
S2P4BLC1	SEC2P4BLCO1	6/10/2014 10:04		60.4	39.1	0.3	0.2	0.18	70	28	-0.1	-56.68	---	No change,,,,,,,
S2P4BLC1	SEC2P4BLCO1	6/10/2014 10:04	ADJ	60.4	39.1	0.3	0.2	0.25	71	34	-0.1	-56.68	---	
S2P4BLC1	SEC2P4BLCO1	7/16/2014 15:33		46.2	30.6	4.8	18.4	0.24	73	32	-0.2	-56.96	---	No change,,,,,,,
S2P4BLC1	SEC2P4BLCO1	7/16/2014 15:33	ADJ	46.2	30.6	4.8	18.4	0.27	72	34	-0.2	-56.96	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
S2P4BLC1	SEC2P4BLCO1	8/18/2014 15:24		49.4	33.4	4.4	12.8	-0.02	84	---	-0.2	-52.49	---	No change,,,,,,,
S2P4BLC1	SEC2P4BLCO1	8/18/2014 15:24	ADJ	49.4	33.4	4.4	12.8	-0.02	85	---	-0.1	-52.49	---	
S2P4BLC1	SEC2P4BLCO1	9/23/2014 8:11		60.4	37.2	1.1	1.3	2.21	71	102	-3.4	-50.76	---	Opened valve 1/2 turn or less,,,,,,,
S2P4BLC1	SEC2P4BLCO1	9/23/2014 8:11	ADJ	60.4	37.2	1.1	1.3	3.37	71	127	-4.5	-50.76	---	
S2P4BLC1	SEC2P4BLCO1	10/10/2014 11:32		60.2	38.2	1.2	0.4	4.98	75	153	-8.4	-39.73	---	Opened valve 1/2 turn or less,,,,,,,
S2P4BLC1	SEC2P4BLCO1	10/10/2014 11:32	ADJ	60.2	38.2	1.2	0.4	7.8	75	192	-10	-39.73	---	
S2P4BLC1	SEC2P4BLCO1	11/28/2014 12:40		60	39.5	0.4	0.1	1.33	32	82	-1.4	-47.3	---	Opened valve 1/2 turn or less,,,,,,,
S2P4BLC1	SEC2P4BLCO1	11/28/2014 12:40	ADJ	60	39.5	0.4	0.1	1.71	31	93	-2.1	-47.3	---	
S2P4BLC1	SEC2P4BLCO1	12/23/2014 13:25		59.5	39.2	1.1	0.2	0.3	46	37	-0.2	-52.47	---	Opened valve 1/2 turn or less,,,,,,,
S2P4BLC1	SEC2P4BLCO1	12/23/2014 13:25	ADJ	59.5	39.2	1.1	0.2	0.61	45	54	-0.8	-52.47	---	
S2P5LCO1	SEC2P05LCO1	1/30/2014 14:00		60.4	39	0.5	0.1	2.38	44	107	-14.7	-53.74	---	Opened valve 1/2 turn or less,,,,,,,
S2P5LCO1	SEC2P05LCO1	1/30/2014 14:00	ADJ	60.4	39	0.5	0.1	3.45	44	129	-19.3	-53.74	---	
S2P5LCO1	SEC2P05LCO1	2/13/2014 14:22		12.3	8.3	18.7	60.7	29.07	26	370	-30.8	-55.21	---	Closed valve 1/2 to 1 turn,,,,,,,
S2P5LCO1	SEC2P05LCO1	2/13/2014 14:22	ADJ	12.3	8.3	18.7	60.7	10.46	26	225	-12.2	-55.21	---	
S2P5LCO1	SEC2P05LCO1	2/13/2014 14:25		12.4	8.3	18.7	60.6	12.25	26	244	-13.6	-54.67	---	No change,,,,,,,
S2P5LCO1	SEC2P05LCO1	2/13/2014 14:25	ADJ	12.4	8.3	18.7	60.6	4.65	26	150	-6.2	-54.67	---	
S2P5LCO1	SEC2P05LCO1	3/18/2014 9:41		27.6	19.5	10.3	42.6	0.02	45	8	-0.2	-53.35	---	No change,,,,,,,
S2P5LCO1	SEC2P05LCO1	3/18/2014 9:41	ADJ	27.6	19.5	10.3	42.6	0.02	45	8	-0.2	-53.35	---	
S2P5LCO1	SEC2P05LCO1	3/18/2014 9:45		7.9	4.4	19.4	68.3	0.02	39	10	-0.2	-53.46	2	Closed valve 1/2 turn or less,,,,,,,
S2P5LCO1	SEC2P05LCO1	3/18/2014 9:45	ADJ	7.9	4.4	19.4	68.3	0.04	40	12	-0.1	-53.46	1	
S2P5LCO1	SEC2P05LCO1	4/1/2014 8:53		10.9	8.3	18.7	62.1	0	27	---	-0.1	-50.05	---	No change,,,,,,,
S2P5LCO1	SEC2P05LCO1	4/1/2014 8:53	ADJ	10.9	8.3	18.7	62.1	-0.07	27	---	-0.1	-50.05	---	
S2P5LCO1	SEC2P05LCO1	4/1/2014 8:55		11	8.3	18.7	62	-0.06	28	---	-0.1	-50.03	1	No change,,,,,,,
S2P5LCO1	SEC2P05LCO1	4/1/2014 8:55	ADJ	11	8.3	18.7	62	-0.04	28	---	-0.1	-50.03	1	
S2P5LCO1	SEC2P05LCO1	5/14/2014 11:59		5.3	3.4	19.4	71.9	0.02	65	8	-1.3	-57.17	---	Closed valve 1/2 turn or less,,,,,,,
S2P5LCO1	SEC2P05LCO1	5/14/2014 11:59	ADJ	5.3	3.4	19.4	71.9	0.03	66	11	-0.5	-57.17	---	
S2P5LCO1	SEC2P05LCO1	5/14/2014 12:00		7	4.5	18.8	69.7	0.02	66	9	-0.3	-57.17	---	Closed valve 1/2 turn or less,,,,,,,
S2P5LCO1	SEC2P05LCO1	5/14/2014 12:00	ADJ	7	4.5	18.8	69.7	0.03	66	10	-0.3	-57.17	---	
S2P5LCO1	SEC2P05LCO1	6/10/2014 10:09		1.9	1.2	19.5	77.4	0.07	76	17	-0.5	-57.1	---	No change,,,,,,,
S2P5LCO1	SEC2P05LCO1	6/10/2014 10:09	ADJ	1.9	1.2	19.5	77.4	0.08	76	18	-0.2	-57.1	---	
S2P5LCO1	SEC2P05LCO1	6/10/2014 10:10		4.5	2.6	18.7	74.2	0.07	76	17	-4.1	-56.97	---	Closed valve 1/2 turn or less,,,,,,,
S2P5LCO1	SEC2P05LCO1	6/10/2014 10:10	ADJ	4.5	2.6	18.7	74.2	0.08	76	17	-0.7	-56.97	---	
S2P5LCO1	SEC2P05LCO1	7/21/2014 15:02		61.5	37.9	0.4	0.2	0.08	93	18	-0.2	-56.75	---	No change,,,,,,,
S2P5LCO1	SEC2P05LCO1	7/21/2014 15:02	ADJ	61.5	37.9	0.4	0.2	0.07	95	17	-0.2	-56.75	---	
S2P5LCO1	SEC2P05LCO1	8/12/2014 7:57		62.4	37.3	0.1	0.2	-0.02	70	---	0	-57.58	---	Opened valve 1/2 turn or less,,,,,,,
S2P5LCO1	SEC2P05LCO1	8/12/2014 7:57	ADJ	62.4	37.3	0.1	0.2	0	70	3	-1	-57.58	---	
S2P5LCO1	SEC2P05LCO1	9/23/2014 8:16		61.4	37.2	1.3	0.1	0.04	80	13	-0.4	-56.16	---	Opened valve 1/2 turn or less,,,,,,,
S2P5LCO1	SEC2P05LCO1	9/23/2014 8:16	ADJ	61.4	37.2	1.3	0.1	0.06	79	15	-2.1	-56.16	---	
S2P5LCO1	SEC2P05LCO1	10/10/2014 11:36		36	23.2	2	38.8	0.05	63	14	-0.1	-51.39	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P5LCO1	SEC2P05LCO1	10/10/2014 11:36	ADJ	36	23.2	2	38.8	0.05	64	14	-0.1	-51.39	---	
S2P5LCO1	SEC2P05LCO1	11/28/2014 12:49		12.1	8	19.9	60	-0.18	29	---	-0.1	-49.54	---	No change,Valve barely open,,,,,,
S2P5LCO1	SEC2P05LCO1	11/28/2014 12:49	ADJ	12.1	8	19.9	60	-0.2	28	---	-0.1	-49.54	---	
S2P5LCO1	SEC2P05LCO1	11/28/2014 12:50		9.2	6.3	18.5	66	-0.06	27	---	-0.1	-49.57	---	No change,Valve barely open,,,,,,
S2P5LCO1	SEC2P05LCO1	11/28/2014 12:50	ADJ	9.2	6.3	18.5	66	-0.06	27	---	-0.1	-49.57	---	
S2P5LCO1	SEC2P05LCO1	12/22/2014 16:00		36.5	26.7	8.1	28.7	0	39	---	-1.6	-54.83	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P5LCO1	SEC2P05LCO1	12/22/2014 16:00	ADJ	36.5	26.7	8.1	28.7	-0.01	39	---	-1.2	-54.83	---	
S2P5LCO1	SEC2P05LCO1	12/22/2014 16:04		36.5	26.5	8.1	28.9	0	38	---	-1.5	-54.76	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P5LCO1	SEC2P05LCO1	12/22/2014 16:04	ADJ	36.5	26.5	8.1	28.9	-0.01	38	---	-1.1	-54.76	---	
S2P6LCO1	SEC2P06LCO1	1/30/2014 14:06		1.8	12.2	18.9	67.1	2.81	30	112	-10.9	-58.61	---	Closed valve 1/2 turn or less,,,,,,,
S2P6LCO1	SEC2P06LCO1	1/30/2014 14:06	ADJ	1.8	12.2	18.9	67.1	2.8	30	111	-11	-58.61	---	
S2P6LCO1	SEC2P06LCO1	1/30/2014 14:09		2.5	11.8	19.7	66	2.89	30	113	-11	-58.8	---	Closed valve 1/2 turn or less,,,,,,,
S2P6LCO1	SEC2P06LCO1	1/30/2014 14:09	ADJ	2.5	11.8	19.7	66	1.99	30	94	-10	-58.8	---	
S2P6LCO1	SEC2P06LCO1	2/13/2014 14:14		9	13.1	17.5	60.4	0.2	25	29	-0.3	-57.02	---	No change,,,,,,,
S2P6LCO1	SEC2P06LCO1	2/13/2014 14:14	ADJ	9	13.1	17.5	60.4	0.2	26	30	-0.4	-57.02	---	
S2P6LCO1	SEC2P06LCO1	2/13/2014 14:15		9.1	12.4	18	60.5	0.3	26	36	-0.4	-59.87	---	No change,,,,,,,
S2P6LCO1	SEC2P06LCO1	2/13/2014 14:15	ADJ	9.1	12.4	18	60.5	0.3	26	36	-0.4	-59.87	---	
S2P6LCO1	SEC2P06LCO1	3/17/2014 10:38		0.6	8.1	19.8	71.5	-0.03	31	---	-3.5	-60.04	---	Closed valve 1/2 turn or less,,,,,,,
S2P6LCO1	SEC2P06LCO1	3/17/2014 10:38	ADJ	0.6	8.1	19.8	71.5	-0.05	31	---	-2.8	-60.04	---	
S2P6LCO1	SEC2P06LCO1	3/17/2014 10:39		0.7	6.7	20.9	71.7	-0.04	31	---	-1.1	-59.91	1	Closed valve 1/2 turn or less,,,,,,,
S2P6LCO1	SEC2P06LCO1	3/17/2014 10:39	ADJ	0.7	6.7	20.9	71.7	-0.04	31	---	-0.5	-59.91	0.5	
S2P6LCO1	SEC2P06LCO1	4/1/2014 8:57		0.1	3.5	21.9	74.5	-0.1	30	---	-0.2	-53.63	---	No change,,,,,,,
S2P6LCO1	SEC2P06LCO1	4/1/2014 8:57	ADJ	0.1	3.5	21.9	74.5	-0.08	31	---	-0.2	-53.63	---	
S2P6LCO1	SEC2P06LCO1	4/1/2014 8:59		0.2	2.5	22.3	75	-0.08	31	---	-0.2	-53.55	1	No change,,,,,,,
S2P6LCO1	SEC2P06LCO1	4/1/2014 8:59	ADJ	0.2	2.5	22.3	75	-0.07	31	---	-0.2	-53.55	1	
S2P6LCO1	SEC2P06LCO1	5/14/2014 12:09		0	0.1	21.6	78.3	-0.04	58	---	-40.9	-59.88	---	Closed valve 1/2 turn or less,,,,,,,
S2P6LCO1	SEC2P06LCO1	5/14/2014 12:09	ADJ	0	0.1	21.6	78.3	-0.04	58	---	-43.1	-59.88	---	
S2P6LCO1	SEC2P06LCO1	5/14/2014 12:11		0	0.1	21.5	78.4	0.05	58	13	-42.1	-60.14	---	Closed valve 1/2 turn or less,,,,,,,
S2P6LCO1	SEC2P06LCO1	5/14/2014 12:11	ADJ	0	0.1	21.5	78.4	0.03	57	9	-42.4	-60.14	---	
S2P6LCO1	SEC2P06LCO1	6/10/2014 10:13		2.2	11.7	16.3	69.8	0.04	75	13	0	0.06	---	No change,,,,,,,
S2P6LCO1	SEC2P06LCO1	6/10/2014 10:13	ADJ	2.2	11.7	16.3	69.8	0.05	76	14	0	0.06	---	
S2P6LCO1	SEC2P06LCO1	6/10/2014 10:16		2.3	12.2	16	69.5	0.03	70	9	-58	-60.23	---	Closed valve 1/2 turn or less,,,,,,,
S2P6LCO1	SEC2P06LCO1	6/10/2014 10:16	ADJ	2.3	12.2	16	69.5	-0.03	72	9	-55.2	-60.23	---	
S2P6LCO1	SEC2P06LCO1	7/21/2014 14:58		0.1	0.1	19	80.8	0.1	92	18	-61.5	-59.35	---	No change,,,,,,,
S2P6LCO1	SEC2P06LCO1	7/21/2014 14:58	ADJ	0.1	0.1	19	80.8	0.05	92	12	-59.3	-59.35	---	
S2P6LCO1	SEC2P06LCO1	7/21/2014 15:00		0.1	0.1	19	80.8	0.06	93	14	-41.6	-59.45	---	Closed valve 1/2 turn or less,,,,,,,
S2P6LCO1	SEC2P06LCO1	7/21/2014 15:00	ADJ	0.1	0.1	19	80.8	0.06	94	13	-39.7	-59.45	---	
S2P6LCO1	SEC2P06LCO1	8/12/2014 8:06		0.3	0.6	20	79.1	-0.04	68	---	-54	-60.29	---	Closed valve 1/2 turn or less,,,,,,,
S2P6LCO1	SEC2P06LCO1	8/12/2014 8:06	ADJ	0.3	0.6	20	79.1	-0.04	67	---	-52.6	-60.29	---	
S2P6LCO1	SEC2P06LCO1	9/23/2014 8:21		0.2	0.2	20.2	79.4	0	72	4	-33.4	-58.66	---	Valve barely open,,,,,,,
S2P6LCO1	SEC2P06LCO1	9/23/2014 8:21	ADJ	0.2	0.2	20.2	79.4	0.01	73	6	-35.3	-58.66	---	
S2P6LCO1	SEC2P06LCO1	9/23/2014 8:23		0.3	0.2	20.3	79.2	0.01	73	6	-29.9	-58.57	---	Valve barely open,,,,,,,
S2P6LCO1	SEC2P06LCO1	9/23/2014 8:23	ADJ	0.3	0.2	20.3	79.2	0.01	73	5	-29.2	-58.57	---	
S2P6LCO1	SEC2P06LCO1	10/10/2014 11:39		0.9	0.9	20.4	77.8	0	60	3	-53.6	-57.32	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P6LCO1	SEC2P06LCO1	10/10/2014 11:39	ADJ	0.9	0.9	20.4	77.8	0.03	61	9	-50.5	-57.32	---	
S2P6LCO1	SEC2P06LCO1	10/10/2014 11:41		1.8	2.8	19.5	75.9	0.01	60	4	-40.4	-57.42	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P6LCO1	SEC2P06LCO1	10/10/2014 11:41	ADJ	1.8	2.8	19.5	75.9	0.01	60	5	-39.7	-57.42	---	
S2P6LCO1	SEC2P06LCO1	11/26/2014 13:40		0.5	0.7	21	77.8	0.24	35	30	-55.1	-57.61	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P6LCO1	SEC2P06LCO1	11/26/2014 13:40	ADJ	0.5	0.7	21	77.8	0.24	35	30	-52.8	-57.61	---	
S2P6LCO1	SEC2P06LCO1	11/26/2014 13:41		0.5	0.7	21	77.8	0.24	35	30	-48.3	-57.66	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P6LCO1	SEC2P06LCO1	11/26/2014 13:41	ADJ	0.5	0.7	21	77.8	0.23	35	30	-47.8	-57.66	---	
S2P6LCO1	SEC2P06LCO1	12/22/2014 16:09		0.1	0.9	20.9	78.1	-0.02	40	---	-49.5	-57.83	---	Closed valve 1/2 turn or less,,,,,,,
S2P6LCO1	SEC2P06LCO1	12/22/2014 16:09	ADJ	0.1	0.9	20.9	78.1	-0.02	40	---	-48.5	-57.83	---	
S2P6LCO1	SEC2P06LCO1	12/22/2014 16:10		0.1	1.1	20.9	77.9	-0.02	39	---	-38.6	-57.71	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P6LCO1	SEC2P06LCO1	12/22/2014 16:10	ADJ	0.1	1.1	20.9	77.9	-0.02	39	---	-37.2	-57.71	---	
S2P7LCO1	SECP07LC01	1/30/2014 7:32		62.5	36.9	0.4	0.2	0.02	73	9	-0.4	-57.79	---	Opened valve 1/2 turn or less,,,,,,,
S2P7LCO1	SECP07LC01	1/30/2014 7:32	ADJ	62.5	36.9	0.4	0.2	1.53	75	85	-1.9	-57.79	---	
S2P7LCO1	SECP07LC01	2/12/2014 10:15		58.6	41.2	0.1	0.1	1.26	83	75	-1.9	-54.59	0	Opened valve 1/2 turn or less,,,,,,,
S2P7LCO1	SECP07LC01	2/12/2014 10:15	ADJ	58.6	41.2	0.1	0.1	1.85	84	91	-2.4	-54.59	0	
S2P7LCO1	SECP07LC01	3/18/2014 9:25		56.9	39.2	0.8	3.1	1.61	83	85	-2.2	-52.89	1	Opened valve 1/2 turn or less,,,,,,,
S2P7LCO1	SECP07LC01	3/18/2014 9:25	ADJ	56.9	39.2	0.8	3.1	2.58	83	108	-4	-52.89	2	
S2P7LCO1	SECP07LC01	4/2/2014 9:38		41.1	28.5	4.6	25.8	3.03	80	117	-3.9	-50.29	2	Closed valve 1/2 turn or less,,,,,,,
S2P7LCO1	SECP07LC01	4/2/2014 9:38	ADJ	41.1	28.5	4.6	25.8	0.68	80	55	-1.1	-50.29	1	
S2P7LCO1	SECP07LC01	5/15/2014 8:48		59.6	40.3	0	0.1	1.08	77	70	-1.5	-61.2	---	Opened valve 1/2 turn or less,,,,,,,
S2P7LCO1	SECP07LC01	5/15/2014 8:48	ADJ	59.6	40.3	0	0.1	1.4	77	80	-2	-61.2	---	
S2P7LCO1	SECP07LC01	6/11/2014 9:26		55.6	37.7	0.7	6	0.94	83	64	-1.9	-57.75	---	No change,,,,,,,
S2P7LCO1	SECP07LC01	6/11/2014 9:26	ADJ	55.6	37.7	0.7	6	1.32	83	77	-1.9	-57.75	---	
S2P07LC1 was abandoned in accordance with the 06/25/14 approval.														
S2P7LCO2	SEC2P07LCO2	1/30/2014 14:14		58.9	39.9	1.1	0.1	0.05	43	15	-0.3	-58.54	---	No change,,,,,,,
S2P7LCO2	SEC2P07LCO2	1/30/2014 14:14	ADJ	58.9	39.9	1.1	0.1	-0.03	43	15	-0.3	-58.54	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
S2P7LCO2	SEC2P07LCO2	2/13/2014 14:08		54.1	30.4	4.1	11.4	0.13	33	25	-0.3	-59.02	---	Closed valve 1/2 turn or less,,,,,,,
S2P7LCO2	SEC2P07LCO2	2/13/2014 14:08	ADJ	54.1	30.4	4.1	11.4	0.51	32	51	-0.1	-59.02	---	
S2P7LCO2	SEC2P07LCO2	3/17/2014 10:43		47.3	32.7	4.9	15.1	0.04	23	13	-0.1	-59.72	1	No change,,,,,,,
S2P7LCO2	SEC2P07LCO2	3/17/2014 10:43	ADJ	47.3	32.7	4.9	15.1	0.08	23	19	-0.2	-59.72	1	
S2P7LCO2	SEC2P07LCO2	4/1/2014 9:01		0.3	0.9	22.9	75.9	-0.09	24	---	-0.6	-53.02	---	No change,,,,,,,
S2P7LCO2	SEC2P07LCO2	4/1/2014 9:01	ADJ	0.3	0.9	22.9	75.9	-0.09	24	---	-0.6	-53.02	---	
S2P7LCO2	SEC2P07LCO2	4/1/2014 9:09		0.4	0.8	22.8	76	-0.09	24	---	-0.6	-53.17	1	No change,,,,,,,
S2P7LCO2	SEC2P07LCO2	4/1/2014 9:09	ADJ	0.4	0.8	22.8	76	-0.09	24	---	-0.6	-53.17	1	
S2P7LCO2	SEC2P07LCO2	5/14/2014 12:15		58	39.6	0.8	1.6	0.02	66	9	-0.1	-59.56	---	No change,,,,,,,
S2P7LCO2	SEC2P07LCO2	5/14/2014 12:15	ADJ	58	39.6	0.8	1.6	0.02	66	8	-0.1	-59.56	---	
S2P7LCO2	SEC2P07LCO2	6/10/2014 10:19		5.4	4.6	17.9	72.1	0.1	71	19	-0.1	-59.87	---	No change,,,,,,,
S2P7LCO2	SEC2P07LCO2	6/10/2014 10:19	ADJ	5.4	4.6	17.9	72.1	0.11	71	21	-0.1	-59.87	---	
S2P7LCO2	SEC2P07LCO2	6/10/2014 10:22		6.3	10.9	12.2	70.6	0.12	72	21	-0.1	-60.35	---	Closed valve 1/2 turn or less,,,,,,,
S2P7LCO2	SEC2P07LCO2	6/10/2014 10:22	ADJ	6.3	10.9	12.2	70.6	0.14	71	23	-0.1	-60.35	---	
S2P7LCO2	SEC2P07LCO2	7/16/2014 15:13		59.6	40	0.3	0.1	0.08	83	18	0.3	-60.77	---	Opened 1/2 to 1 turn,,,,,,,
S2P7LCO2	SEC2P07LCO2	7/16/2014 15:13	ADJ	59.6	40	0.3	0.1	0.23	79	31	-0.2	-60.77	---	
S2P7LCO2	SEC2P07LCO2	8/12/2014 8:11		60	39.6	0.3	0.1	-0.04	73	---	0.8	-61.85	---	Opened valve 1/2 turn or less,,,,,,,
S2P7LCO2	SEC2P07LCO2	8/12/2014 8:11	ADJ	60	39.6	0.3	0.1	0.46	80	45	-0.4	-61.85	---	
S2P7LCO2	SEC2P07LCO2	9/23/2014 8:26		60.1	38.7	1.1	0.1	0.37	85	40	-0.2	-57.53	---	Opened valve 1/2 turn or less,,,,,,,
S2P7LCO2	SEC2P07LCO2	9/23/2014 8:26	ADJ	60.1	38.7	1.1	0.1	1.27	85	76	-1.4	-57.53	---	
S2P7LCO2	SEC2P07LCO2	10/10/2014 11:50		58.7	39.4	1.8	0.1	0.66	65	55	-0.1	-56.84	---	Opened valve 1/2 turn or less,,,,,,,
S2P7LCO2	SEC2P07LCO2	10/10/2014 11:50	ADJ	58.7	39.4	1.8	0.1	0.72	76	57	-0.5	-56.84	---	
S2P7LCO2	SEC2P07LCO2	11/26/2014 13:46		58.5	40.9	0.5	0.1	1.04	36	71	-0.1	-56.76	---	Opened valve 1/2 turn or less,,,,,,,
S2P7LCO2	SEC2P07LCO2	11/26/2014 13:46	ADJ	58.5	40.9	0.5	0.1	1.1	70	71	-0.5	-56.76	---	
S2P7LCO2	SEC2P07LCO2	12/22/2014 16:14		59.7	40	0.2	0.1	0.72	46	59	-0.2	-57.15	---	Opened valve 1/2 turn or less,,,,,,,
S2P7LCO2	SEC2P07LCO2	12/22/2014 16:14	ADJ	59.7	40	0.2	0.1	1.13	69	72	-1.1	-57.15	---	
S2P8OC10	SEC2P08OC10	1/30/2014 12:56		4.4	17.6	17.4	60.6	0.47	35	42	-47.4	-52.57	---	No change,,,,,,,
S2P8OC10	SEC2P08OC10	1/30/2014 12:56	ADJ	4.4	17.6	17.4	60.6	31.39	35	356	-52.6	-52.57	---	
S2P8OC10	SEC2P08OC10	1/30/2014 12:58		4.7	17	18.1	60.2	3.74	35	121	-51.9	-52.65	25	No change,,,,,,,
S2P8OC10	SEC2P08OC10	1/30/2014 12:58	ADJ	4.7	17	18.1	60.2	3.1	35	110	-52	-52.65	25	
S2P08OC10 was abandoned in accordance with the 01/02/14 approval.														
SC2GW10A	SEC2GW10A	1/29/2014 11:44		16.7	4.7	18.3	60.3	0.18	40	15	-37.2	-50.05	---	Closed valve 1/2 to 1 turn,,,,,,,
SC2GW10A	SEC2GW10A	1/29/2014 11:44	ADJ	16.7	4.7	18.3	60.3	0.09	40	10	-34.1	-50.05	---	
SC2GW10A	SEC2GW10A	1/29/2014 11:45		16.5	5.1	18	60.4	-0.02	40	---	-42.1	-50.06	---	No change,,,,,,,
SC2GW10A	SEC2GW10A	1/29/2014 11:45	ADJ	16.5	5.1	18	60.4	0.09	40	11	-41.1	-50.06	---	
SC2GW10A	SEC2GW10A	2/7/2014 11:38		60.6	38.4	0.8	0.2	0.03	26	6	-29.9	-29.44	---	No change,,,,,,,
SC2GW10A	SEC2GW10A	2/7/2014 11:38	ADJ	60.6	38.4	0.8	0.2	-0.13	26	6	-30.2	-29.44	---	
SC2GW10A	SEC2GW10A	3/17/2014 14:09		57.8	40.9	1.1	0.2	-0.1	39	---	-50.6	-50.77	5	No change,,,,,,,
SC2GW10A	SEC2GW10A	3/17/2014 14:09	ADJ	57.8	40.9	1.1	0.2	-0.08	39	---	-50.7	-50.77	5	
SC2GW10A	SEC2GW10A	4/1/2014 15:15		56.2	39.7	1.7	2.4	-0.44	47	---	-46.3	-47.69	5	No change,,,,,,,
SC2GW10A	SEC2GW10A	4/1/2014 15:15	ADJ	56.2	39.7	1.7	2.4	-0.39	47	---	-46.1	-47.69	5	
SC2GW10A	SEC2GW10A	5/15/2014 10:58		58.3	41.3	0.3	0.1	0.05	61	7	-52.5	-53.94	---	No change,,,,,,,
SC2GW10A	SEC2GW10A	5/15/2014 10:58	ADJ	58.3	41.3	0.3	0.1	-0.03	61	7	-52.6	-53.94	---	
SC2GW10A	SEC2GW10A	6/10/2014 14:13		58.5	40.8	0.6	0.1	-0.06	83	---	-47	-46.76	---	No change,,,,,,,
SC2GW10A	SEC2GW10A	6/10/2014 14:13	ADJ	58.5	40.8	0.6	0.1	-0.03	83	---	-47.2	-46.76	---	
SC2GW10A	SEC2GW10A	7/16/2014 11:22		47.9	29.8	4.5	17.8	0.14	80	13	-38.4	-38.52	---	Closed valve 1/2 turn or less,,,,,,,
SC2GW10A	SEC2GW10A	7/16/2014 11:22	ADJ	47.9	29.8	4.5	17.8	-0.23	80	13	-38.2	-38.52	---	
SC2GW10A was abandoned and replaced with SC2GW10B in accordance with the 2014 Gas System Improvement Project.														
SC2GW10B	SC2GW10B	8/4/2014 11:16		39.4	33.1	6.9	20.6	-0.05	95	---	-0.9	-57.29	---	No change,,,,,,,: :
SC2GW10B	SC2GW10B	8/4/2014 11:16	ADJ	39.4	33.1	6.9	20.6	-0.04	96	---	-0.9	-57.29	---	
SC2GW10B	SC2GW10B	8/4/2014 11:19		44.3	37.5	4.8	13.4	-0.03	95	---	-1.2	-57.13	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW10B	SC2GW10B	8/4/2014 11:19	ADJ	44.3	37.5	4.8	13.4	-0.02	109	---	-1.3	-57.13	---	
SC2GW10B	SC2GW10B	8/6/2014 12:41		50	39.9	2.6	7.5	-0.03	114	---	-1.2	-56.24	---	Closed valve 1/2 turn or less,,,,,,,: :
SC2GW10B	SC2GW10B	8/6/2014 12:41	ADJ	50	39.9	2.6	7.5	-0.04	115	---	-1.1	-56.24	---	
SC2GW10B	SC2GW10B	8/7/2014 11:33		49.8	41.3	2.4	6.5	-0.04	103	---	-0.9	-55.14	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW10B	SC2GW10B	8/7/2014 11:33	ADJ	49.8	41.3	2.4	6.5	0	114	---	-1.5	-55.14	---	
SC2GW10B	SC2GW10B	8/12/2014 12:18		56.9	43	0	0.1	-0.19	117	---	0.4	-53.49	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW10B	SC2GW10B	8/12/2014 12:18	ADJ	56.9	43	0	0.1	0.04	118	12	-0.2	-53.49	---	
SC2GW10B	SC2GW10B	9/23/2014 6:55		57.7	41.4	0.8	0.1	-0.18	109	---	-1.8	-51.81	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW10B	SC2GW10B	9/23/2014 6:55	ADJ	57.7	41.4	0.8	0.1	0.25	111	18	-3	-51.81	---	
SC2GW10B	SC2GW10B	10/10/2014 15:24		55.8	43.1	0.9	0.2	0.12	124	12	-2.9	-50.92	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW10B	SC2GW10B	10/10/2014 15:24	ADJ	55.8	43.1	0.9	0.2	0.31	125	20	-3.8	-50.92	---	
SC2GW10B	SC2GW10B	11/25/2014 15:52		57.5	40.7	0.9	0.9	-0.13	65	---	-1.5	-49.15	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW10B	SC2GW10B	11/25/2014 15:52	ADJ	57.5	40.7	0.9	0.9	0.32	67	21	-2.6	-49.15	---	
SC2GW10B	SC2GW10B	12/22/2014 10:31		58.4	41.2	0.2	0.2	-0.25	63	---	-0.1	-48.96	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW10B	SC2GW10B	12/22/2014 10:31	ADJ	58.4	41.2	0.2	0.2	0.17	65	15	-1.1	-48.96	---	
SC2GW11B	SC2GW11B	8/4/2014 11:04		55	40.1	1.5	3.4	-0.04	103	---	0.3	-57.08	---	No change,,,,,,,: :
SC2GW11B	SC2GW11B	8/4/2014 11:04	ADJ	55	40.1	1.5	3.4	-0.04	104	---	0.3	-57.08	---	
SC2GW11B	SC2GW11B	8/4/2014 11:06		55.3	40.3	1.4	3	-0.04	104	---	0.3	-57.31	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW11B	SC2GW11B	8/4/2014 11:06	ADJ	55.3	40.3	1.4	3	-0.03	106	---	0.1	-57.31	---	
SC2GW11B	SC2GW11B	8/6/2014 12:30		57.2	42.4	0.2	0.2	-0.04	103	---	0.5	-56.48	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW11B	SC2GW11B	8/6/2014 12:30	ADJ	57.2	42.4	0.2	0.2	-0.02	106	---	-0.1	-56.48	---	
SC2GW11B	SC2GW11B	8/7/2014 11:28		57.1	42.6	0.2	0.1	0.11	108	20	-0.2	-55.51	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW11B	SC2GW11B	8/7/2014 11:28	ADJ	57.1	42.6	0.2	0.1	0.01	110	6	-0.8	-55.51	---	
SC2GW11B	SC2GW11B	8/12/2014 12:33		56	43.6	0.3	0.1	-0.17	105	---	-0.2	-51.95	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW11B	SC2GW11B	8/12/2014 12:33	ADJ	56	43.6	0.3	0.1	-0.16	105	---	-0.7	-51.95	---	
SC2GW11B	SC2GW11B	9/23/2014 5:49		53.8	46	0.1	0.1	0.08	112	17	-0.5	-51.92	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW11B	SC2GW11B	9/23/2014 5:49	ADJ	53.8	46	0.1	0.1	0.08	118	17	-1.1	-51.92	---	
SC2GW11B	SC2GW11B	10/10/2014 15:00		57.4	42.5	0	0.1	0.08	98	17	-2.1	-51.58	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW11B	SC2GW11B	10/10/2014 15:00	ADJ	57.4	42.5	0	0.1	0.32	99	36	-4.2	-51.58	---	
SC2GW11B	SC2GW11B	11/25/2014 13:40		58.8	41	0.1	0.1	-0.06	57	---	-2.2	-51.51	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW11B	SC2GW11B	11/25/2014 13:40	ADJ	58.8	41	0.1	0.1	0.09	62	20	-3	-51.51	---	
SC2GW11B	SC2GW11B	12/22/2014 6:09		57.6	42.1	0.2	0.1	0.24	57	32	-3.1	-51.56	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW11B	SC2GW11B	12/22/2014 6:09	ADJ	57.6	42.1	0.2	0.1	0.33	61	38	-4.1	-51.56	---	
SC2GW14A	SC2GW14A	8/4/2014 10:21		58.4	41.2	0.2	0.2	-0.01	92	---	0	-57.06	---	No change,,,,,,,: :
SC2GW14A	SC2GW14A	8/4/2014 10:21	ADJ	58.4	41.2	0.2	0.2	-0.01	92	---	0	-57.06	---	
SC2GW14A	SC2GW14A	8/4/2014 10:22		57.7	42	0.1	0.2	-0.01	92	---	0	-57.02	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW14A	SC2GW14A	8/4/2014 10:22	ADJ	57.7	42	0.1	0.2	-0.01	91	---	0	-57.02	---	
SC2GW14A	SC2GW14A	8/6/2014 12:14		58.5	41.2	0.1	0.2	-0.03	88	---	0	-56.34	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW14A	SC2GW14A	8/6/2014 12:14	ADJ	58.5	41.2	0.1	0.2	-0.03	90	---	-0.1	-56.34	---	
SC2GW14A	SC2GW14A	8/7/2014 11:05		59.1	40.7	0.1	0.1	-0.02	86	---	-0.1	-55.28	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW14A	SC2GW14A	8/7/2014 11:05	ADJ	59.1	40.7	0.1	0.1	0	85	---	-0.7	-55.28	---	
SC2GW14A	SC2GW14A	8/12/2014 13:27		54.5	37.5	1	7	-0.21	78	---	0	-49.2	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW14A	SC2GW14A	8/12/2014 13:27	ADJ	54.5	37.5	1	7	-0.2	77	---	-0.2	-49.2	---	
SC2GW14A	SC2GW14A	9/23/2014 5:26		53.5	37.3	1	8.2	0	66	4	-0.7	-53.02	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW14A	SC2GW14A	9/23/2014 5:26	ADJ	53.5	37.3	1	8.2	0.02	66	8	-1	-53.02	---	
SC2GW14A	SC2GW14A	10/13/2014 8:16		57.2	38.5	0.7	3.6	-0.02	64	---	-0.1	-48.55	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW14A	SC2GW14A	10/13/2014 8:16	ADJ	57.2	38.5	0.7	3.6	-0.01	66	---	-1.1	-48.55	---	
SC2GW14A	SC2GW14A	11/25/2014 13:07		50.4	33.9	3.3	12.4	-0.04	44	---	-0.7	-50.17	---	No change,,,,,,,
SC2GW14A	SC2GW14A	11/25/2014 13:07	ADJ	50.4	33.9	3.3	12.4	-0.05	44	---	-0.8	-50.17	---	
SC2GW14A	SC2GW14A	12/23/2014 11:32		59	40.7	0.2	0.1	0.04	52	12	-1.1	-51.5	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW14A	SC2GW14A	12/23/2014 11:32	ADJ	59	40.7	0.2	0.1	0.16	44	27	-2.3	-51.5	---	
SC2GW15A	SC2GW15A	8/4/2014 10:04		57.6	42.1	0.1	0.2	-0.01	87	---	0.2	-57.69	---	No change,,,,,,,: :
SC2GW15A	SC2GW15A	8/4/2014 10:04	ADJ	57.6	42.1	0.1	0.2	-0.02	88	---	0.2	-57.69	---	
SC2GW15A	SC2GW15A	8/4/2014 10:06		57.1	42.4	0.3	0.2	-0.01	89	---	0.2	-56.39	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW15A	SC2GW15A	8/4/2014 10:06	ADJ	57.1	42.4	0.3	0.2	0	88	---	0	-56.39	---	
SC2GW15A	SC2GW15A	8/6/2014 12:02		58.9	40.9	0.1	0.1	-0.03	84	---	0	-56.54	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW15A	SC2GW15A	8/6/2014 12:02	ADJ	58.9	40.9	0.1	0.1	-0.02	85	---	-0.1	-56.54	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SC2GW15A	SC2GW15A	8/7/2014 10:57		58.5	41.2	0.1	0.2	0	84	---	0	-56.02	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW15A	SC2GW15A	8/7/2014 10:57	ADJ	58.5	41.2	0.1	0.2	0.03	81	11	-0.4	-56.02	---	
SC2GW15A	SC2GW15A	8/12/2014 12:07		56.5	41.1	0.5	1.9	0.06	73	16	-0.3	-53.89	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW15A	SC2GW15A	8/12/2014 12:07	ADJ	56.5	41.1	0.5	1.9	0.09	72	19	-0.5	-53.89	---	
SC2GW15A	SC2GW15A	9/23/2014 11:34		60.2	38.8	0.8	0.2	0.1	78	20	-2	-52.84	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW15A	SC2GW15A	9/23/2014 11:34	ADJ	60.2	38.8	0.8	0.2	0.18	77	28	-3.9	-52.84	---	
SC2GW15A	SC2GW15A	10/10/2014 8:48		58.8	40.1	0.9	0.2	0.13	66	24	-3.4	-50.6	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW15A	SC2GW15A	10/10/2014 8:48	ADJ	58.8	40.1	0.9	0.2	0.24	68	32	-4.8	-50.6	---	
SC2GW15A	SC2GW15A	11/25/2014 13:15		59.4	40.4	0.1	0.1	-0.88	45	---	-0.8	-7.37	---	Opened valve 1/2 turn or less,Header Vacuum loss,,,,,,
SC2GW15A	SC2GW15A	11/25/2014 13:15	ADJ	59.4	40.4	0.1	0.1	-0.77	46	---	-1.4	-7.37	---	
SC2GW15A	SC2GW15A	12/26/2014 8:27		58.1	41.5	0.3	0.1	-1.65	42	---	-0.6	-52.68	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW15A	SC2GW15A	12/26/2014 8:27	ADJ	58.1	41.5	0.3	0.1	-1.34	39	---	-1.6	-52.68	---	
SC2GW16A	SC2GW16A	8/4/2014 9:56		56.7	43.1	0.1	0.1	0	90	---	3.3	-59.03	---	No change,,,,,,,: :
SC2GW16A	SC2GW16A	8/4/2014 9:56	ADJ	56.7	43.1	0.1	0.1	0	91	2	3.4	-59.03	---	
SC2GW16A	SC2GW16A	8/4/2014 10:00		56.8	43.1	0	0.1	0	93	4	3.9	-59.39	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW16A	SC2GW16A	8/4/2014 10:00	ADJ	56.8	43.1	0	0.1	0.07	114	16	1.7	-59.39	---	
SC2GW16A	SC2GW16A	8/6/2014 9:41		58	41.7	0.1	0.2	0.06	117	14	0	-59.37	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW16A	SC2GW16A	8/6/2014 9:41	ADJ	58	41.7	0.1	0.2	0.14	114	23	-0.2	-59.37	---	
SC2GW16A	SC2GW16A	8/7/2014 10:48		57	42.4	0.5	0.1	0.2	107	28	-0.4	-58.41	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW16A	SC2GW16A	8/7/2014 10:48	ADJ	57	42.4	0.5	0.1	0.22	107	29	-0.8	-58.41	---	
SC2GW16A	SC2GW16A	8/12/2014 8:36		59.1	40.2	0.6	0.1	0.28	115	33	-0.6	-57.04	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW16A	SC2GW16A	8/12/2014 8:36	ADJ	59.1	40.2	0.6	0.1	0.33	116	37	-1.7	-57.04	---	
SC2GW16A	SC2GW16A	9/23/2014 5:35		57.4	42.3	0.2	0.1	0.4	117	40	1.7	-55.68	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW16A	SC2GW16A	9/23/2014 5:35	ADJ	57.4	42.3	0.2	0.1	0.8	118	57	-1.6	-55.68	---	
SC2GW16A	SC2GW16A	10/10/2014 8:52		57.9	41.9	0.1	0.1	0.66	120	51	-4.9	-57.01	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW16A	SC2GW16A	10/10/2014 8:52	ADJ	57.9	41.9	0.1	0.1	0.87	121	59	-6.1	-57.01	---	
SC2GW16A	SC2GW16A	11/25/2014 13:20		58.4	41	0.4	0.2	0.47	120	43	-7.2	-56.37	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW16A	SC2GW16A	11/25/2014 13:20	ADJ	58.4	41	0.4	0.2	0.76	119	55	-8.3	-56.37	---	
SC2GW16A	SC2GW16A	12/23/2014 11:24		57.3	42.2	0.4	0.1	0.73	118	54	-9	-55.63	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW16A	SC2GW16A	12/23/2014 11:24	ADJ	57.3	42.2	0.4	0.1	0.82	118	57	-10.3	-55.63	---	
SC2GW22A	SC2GW22A	8/5/2014 11:44		56.7	43.1	0.1	0.1	0.01	87	5	1.5	-58.21	---	No change,,,,,,,: :
SC2GW22A	SC2GW22A	8/5/2014 11:44	ADJ	56.7	43.1	0.1	0.1	0	87	2	1.6	-58.21	---	
SC2GW22A	SC2GW22A	8/5/2014 11:46		56.8	43	0.1	0.1	0.01	88	4	1.8	-58.28	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW22A	SC2GW22A	8/5/2014 11:46	ADJ	56.8	43	0.1	0.1	0.02	126	9	0.9	-58.28	---	
SC2GW22A	SC2GW22A	8/6/2014 13:29		58.5	41.3	0.1	0.1	0	130	---	0.3	-57.56	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW22A	SC2GW22A	8/6/2014 13:29	ADJ	58.5	41.3	0.1	0.1	0.03	131	10	-0.1	-57.56	---	
SC2GW22A	SC2GW22A	8/7/2014 12:03		57.8	41.9	0.1	0.2	0.27	129	32	-0.3	-56.89	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW22A	SC2GW22A	8/7/2014 12:03	ADJ	57.8	41.9	0.1	0.2	0.15	130	24	-1	-56.89	---	
SC2GW22A	SC2GW22A	8/12/2014 8:57		58.6	40	1	0.4	-0.08	126	---	-3.1	-57.37	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW22A	SC2GW22A	8/12/2014 8:57	ADJ	58.6	40	1	0.4	0.24	128	31	-4.7	-57.37	---	
SC2GW22A	SC2GW22A	9/22/2014 12:31		58.4	40.7	0.7	0.2	0.13	125	22	-6.7	-51.77	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW22A	SC2GW22A	9/22/2014 12:31	ADJ	58.4	40.7	0.7	0.2	0.58	125	48	-7.8	-51.77	---	
SC2GW22A	SC2GW22A	10/10/2014 16:06		57.2	42.5	0.2	0.1	0.55	124	46	-12.1	-47.56	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW22A	SC2GW22A	10/10/2014 16:06	ADJ	57.2	42.5	0.2	0.1	0.71	125	52	-13.4	-47.56	---	
SC2GW22A	SC2GW22A	11/25/2014 14:57		56.1	42	0.1	1.8	0.61	120	48	-17.6	-49.64	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW22A	SC2GW22A	11/25/2014 14:57	ADJ	56.1	42	0.1	1.8	0.78	121	55	-18.7	-49.64	---	
SC2GW22A	SC2GW22A	12/22/2014 8:37		54.5	44.6	0.2	0.7	0.96	120	60	-19.8	-50.4	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW22A	SC2GW22A	12/22/2014 8:37	ADJ	54.5	44.6	0.2	0.7	1.01	120	62	-20.6	-50.4	---	
SC2GW23A	SC2GW23A	8/5/2014 11:50		56.8	42.9	0.1	0.2	0.01	88	6	0.4	-57.95	---	No change,,,,,,,: :
SC2GW23A	SC2GW23A	8/5/2014 11:50	ADJ	56.8	42.9	0.1	0.2	0.01	88	6	0.4	-57.95	---	
SC2GW23A	SC2GW23A	8/5/2014 11:52		56.1	43.7	0	0.2	0.01	89	7	0.4	-57.76	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW23A	SC2GW23A	8/5/2014 11:52	ADJ	56.1	43.7	0	0.2	0.02	89	9	0.2	-57.76	---	
SC2GW23A	SC2GW23A	8/6/2014 13:33		58.4	40.6	0.9	0.1	-0.03	127	---	-0.6	-57.14	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW23A	SC2GW23A	8/6/2014 13:33	ADJ	58.4	40.6	0.9	0.1	-0.02	130	---	-0.7	-57.14	---	
SC2GW23A	SC2GW23A	8/7/2014 12:07		58.2	41	0.7	0.1	-0.03	129	---	-0.8	-56.67	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW23A	SC2GW23A	8/7/2014 12:07	ADJ	58.2	41	0.7	0.1	0.05	136	13	-1.4	-56.67	---	
SC2GW23A	SC2GW23A	8/12/2014 9:02		56	40.3	0.3	3.4	0.09	130	18	-3.2	-57.6	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW23A	SC2GW23A	8/12/2014 9:02	ADJ	56	40.3	0.3	3.4	0.22	133	29	-4.1	-57.6	---	
SC2GW23A	SC2GW23A	8/13/2014 14:47		52.3	39.2	1.5	7	-0.48	130	---	-1.3	-53.06	---	Closed valve 1/2 turn or less,,,,,,,: :
SC2GW23A	SC2GW23A	8/13/2014 14:47	ADJ	52.3	39.2	1.5	7	-0.51	130	---	-1.2	-53.06	---	
SC2GW23A	SC2GW23A	9/22/2014 12:46		57.5	41.3	1.1	0.1	0.29	143	33	-0.3	-54.63	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SC2GW23A	SC2GW23A	9/22/2014 12:46	ADJ	57.5	41.3	1.1	0.1	0.19	136	27	0	-54.63	---	
SC2GW23A	SC2GW23A	9/22/2014 12:49		56.9	41.4	1.5	0.2	0.36	140	37	-0.1	-54.49	---	No change,Valve barely open,,,,,,
SC2GW23A	SC2GW23A	9/22/2014 12:49	ADJ	56.9	41.4	1.5	0.2	0.17	142	25	-0.1	-54.49	---	
SC2GW23A	SC2GW23A	10/2/2014 10:45		56.3	42.3	1.3	0.1	0.45	144	42	-0.6	-55.97	---	
SC2GW23A	SC2GW23A	10/2/2014 10:45	ADJ	56.3	42.3	1.3	0.1	0.2	143	27	-0.1	-55.97	---	
SC2GW23A	SC2GW23A	10/10/2014 15:57		56.3	43.6	0	0.1	-0.52	136	---	-0.3	-50.32	---	Closed valve 1/2 turn or less,,,,,,,
SC2GW23A	SC2GW23A	10/10/2014 15:57	ADJ	56.3	43.6	0	0.1	-0.6	138	---	-0.2	-50.32	---	
SC2GW23A	SC2GW23A	10/10/2014 15:58		56.3	43.5	0	0.2	-0.66	137	---	-0.1	-50.34	---	No change,,,,,,,
SC2GW23A	SC2GW23A	10/10/2014 15:58	ADJ	56.3	43.5	0	0.2	-0.61	137	---	-0.1	-50.34	---	
SC2GW23A	SC2GW23A	11/25/2014 14:49		56.6	43.3	0	0.1	-1.79	79	---	-0.8	-52.2	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW23A	SC2GW23A	11/25/2014 14:49	ADJ	56.6	43.3	0	0.1	-1.18	87	---	-1.4	-52.2	---	
SC2GW23A	SC2GW23A	12/22/2014 8:25		55.4	43.7	0.7	0.2	0.24	68	32	-2.2	-52.07	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW23A	SC2GW23A	12/22/2014 8:25	ADJ	55.4	43.7	0.7	0.2	0.35	78	38	-3	-52.07	---	
SC2GW26A	SC2GW26A	8/4/2014 10:57		58.6	41.1	0.2	0.1	-0.03	91	---	0.4	-57.3	---	No change,,,,,,,: :
SC2GW26A	SC2GW26A	8/4/2014 10:57	ADJ	58.6	41.1	0.2	0.1	-0.04	92	---	0.4	-57.3	---	
SC2GW26A	SC2GW26A	8/4/2014 10:59		58.2	41.6	0	0.2	-0.04	93	---	0.4	-57.2	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW26A	SC2GW26A	8/4/2014 10:59	ADJ	58.2	41.6	0	0.2	-0.02	96	---	0.2	-57.2	---	
SC2GW26A	SC2GW26A	8/6/2014 12:11		58.7	41	0.2	0.1	-0.02	96	---	0.4	-57.35	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW26A	SC2GW26A	8/6/2014 12:11	ADJ	58.7	41	0.2	0.1	0.1	99	20	-0.1	-57.35	---	
SC2GW26A	SC2GW26A	8/7/2014 11:02		57.9	41.9	0.1	0.1	0.11	98	21	-0.1	-56.66	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW26A	SC2GW26A	8/7/2014 11:02	ADJ	57.9	41.9	0.1	0.1	0.2	99	28	-0.5	-56.66	---	
SC2GW26A	SC2GW26A	8/12/2014 13:20		58.5	41.1	0.3	0.1	-0.05	97	---	0	-53.55	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW26A	SC2GW26A	8/12/2014 13:20	ADJ	58.5	41.1	0.3	0.1	0.26	97	33	-1	-53.55	---	
SC2GW26A	SC2GW26A	9/23/2014 5:45		58.8	40.8	0.3	0.1	0.57	93	49	-1.9	-53.83	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW26A	SC2GW26A	9/23/2014 5:45	ADJ	58.8	40.8	0.3	0.1	0.84	94	60	-3	-53.83	---	
SC2GW26A	SC2GW26A	10/10/2014 14:57		50.6	37.1	0.7	11.6	0.81	98	58	-3.7	-53.42	---	Closed valve 1/2 turn or less,,,,,,,
SC2GW26A	SC2GW26A	10/10/2014 14:57	ADJ	50.6	37.1	0.7	11.6	0.8	99	58	-3.5	-53.42	---	
SC2GW26A	SC2GW26A	11/25/2014 13:35		52.7	37.5	0.9	8.9	0.72	60	57	-3.4	-52.73	---	No change,,,,,,,
SC2GW26A	SC2GW26A	11/25/2014 13:35	ADJ	52.7	37.5	0.9	8.9	1.01	60	68	-3.3	-52.73	---	
SC2GW26A	SC2GW26A	12/22/2014 6:02		54.6	40.2	1.2	4	0.77	60	59	-3.2	-53.41	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW26A	SC2GW26A	12/22/2014 6:02	ADJ	54.6	40.2	1.2	4	0.91	62	64	-3.5	-53.41	---	
SC2GW27A	SC2GW27A	8/4/2014 10:10		57.8	41.9	0.2	0.1	-0.01	92	---	0.1	-56.97	---	No change,,,,,,,: :
SC2GW27A	SC2GW27A	8/4/2014 10:10	ADJ	57.8	41.9	0.2	0.1	-0.01	93	---	0.1	-56.97	---	
SC2GW27A	SC2GW27A	8/4/2014 10:12		57.1	42.6	0.1	0.2	-0.01	94	---	0.1	-57	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW27A	SC2GW27A	8/4/2014 10:12	ADJ	57.1	42.6	0.1	0.2	0	110	---	0	-57	---	
SC2GW27A	SC2GW27A	8/6/2014 9:47		58.3	41.4	0.2	0.1	-0.01	115	---	0.1	-57.01	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW27A	SC2GW27A	8/6/2014 9:47	ADJ	58.3	41.4	0.2	0.1	0.01	118	4	-0.1	-57.01	---	
SC2GW27A	SC2GW27A	8/7/2014 10:53		58.1	41.6	0.1	0.2	0.02	116	9	-0.2	-56.82	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW27A	SC2GW27A	8/7/2014 10:53	ADJ	58.1	41.6	0.1	0.2	0.08	118	17	-0.6	-56.82	---	
SC2GW27A	SC2GW27A	8/12/2014 12:00		48.4	37.3	1	13.3	0.1	118	20	-0.6	-53.69	---	Closed valve 1/2 turn or less,,,,,,,: :
SC2GW27A	SC2GW27A	8/12/2014 12:00	ADJ	48.4	37.3	1	13.3	0.04	118	12	-0.3	-53.69	---	
SC2GW27A	SC2GW27A	9/23/2014 5:39		56.8	43	0.1	0.1	0.09	116	19	-0.1	-54.45	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW27A	SC2GW27A	9/23/2014 5:39	ADJ	56.8	43	0.1	0.1	0.43	116	42	-1.1	-54.45	---	
SC2GW27A	SC2GW27A	10/10/2014 14:48		50.7	37	1.9	10.4	-0.16	117	---	-1.2	-53.35	---	No change,,,,,,,
SC2GW27A	SC2GW27A	10/10/2014 14:48	ADJ	50.7	37	1.9	10.4	0.02	117	8	-1.2	-53.35	---	
SC2GW27A	SC2GW27A	11/25/2014 13:27		57.6	41.9	0.3	0.2	0.12	64	23	-0.5	-52.95	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW27A	SC2GW27A	11/25/2014 13:27	ADJ	57.6	41.9	0.3	0.2	0.27	67	34	-1	-52.95	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SC2GW27A	SC2GW27A	12/22/2014 5:51		56.5	42.3	1.1	0.1	0.32	70	37	-0.8	-52.36	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW27A	SC2GW27A	12/22/2014 5:51	ADJ	56.5	42.3	1.1	0.1	0.19	71	29	-1.2	-52.36	---	
SC2GW28A	SC2GW28A	8/5/2014 11:27		55.5	44.1	0.2	0.2	0	80	4	0.4	-58.19	---	No change,,,,,,,: :
SC2GW28A	SC2GW28A	8/5/2014 11:27	ADJ	55.5	44.1	0.2	0.2	0	81	3	0.4	-58.19	---	
SC2GW28A	SC2GW28A	8/5/2014 11:30		55.7	44.1	0	0.2	0.02	83	8	0.4	-58.07	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW28A	SC2GW28A	8/5/2014 11:30	ADJ	55.7	44.1	0	0.2	0.01	85	7	0.2	-58.07	---	
SC2GW28A	SC2GW28A	8/6/2014 13:18		57.3	42.4	0.1	0.2	-0.04	93	---	0	-56.86	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW28A	SC2GW28A	8/6/2014 13:18	ADJ	57.3	42.4	0.1	0.2	-0.04	95	---	-0.3	-56.86	---	
SC2GW28A	SC2GW28A	8/7/2014 11:51		58.1	41.5	0.2	0.2	-0.02	95	---	-0.7	-56.4	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW28A	SC2GW28A	8/7/2014 11:51	ADJ	58.1	41.5	0.2	0.2	0.02	97	8	-1.3	-56.4	---	
SC2GW28A	SC2GW28A	8/12/2014 8:41		56.9	42.9	0	0.2	0.05	88	14	-1.6	-55.87	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW28A	SC2GW28A	8/12/2014 8:41	ADJ	56.9	42.9	0	0.2	0.15	89	25	-2.6	-55.87	---	
SC2GW28A	SC2GW28A	9/23/2014 6:29		50.1	45.5	0.1	4.3	0.33	89	36	-6.4	-53.29	---	No change,,,,,,,
SC2GW28A	SC2GW28A	9/23/2014 6:29	ADJ	50.1	45.5	0.1	4.3	0.37	90	38	-6.4	-53.29	---	
SC2GW28A	SC2GW28A	10/10/2014 16:14		50.6	45	0.2	4.2	0.23	88	30	-6.2	-50.79	---	Closed valve 1/2 turn or less,,,,,,,
SC2GW28A	SC2GW28A	10/10/2014 16:14	ADJ	50.6	45	0.2	4.2	0.22	89	29	-6	-50.79	---	
SC2GW28A	SC2GW28A	11/25/2014 15:37		50.9	41	0.3	7.8	0.02	56	8	-5	-53.48	---	No change,,,,,,,
SC2GW28A	SC2GW28A	11/25/2014 15:37	ADJ	50.9	41	0.3	7.8	0.03	56	11	-5	-53.48	---	
SC2GW28A	SC2GW28A	12/22/2014 8:51		54.9	44.7	0.2	0.2	0.3	55	36	-4.6	-51.97	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW28A	SC2GW28A	12/22/2014 8:51	ADJ	54.9	44.7	0.2	0.2	0.35	57	39	-5.2	-51.97	---	
SC2GW29A	SEC2GW29A	1/29/2014 10:07		61.6	34.2	1	3.2	-0.44	124	---	-2.9	-51.9	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW29A	SEC2GW29A	1/29/2014 10:07	ADJ	61.6	34.2	1	3.2	0.19	125	28	-4.4	-51.9	---	
SC2GW29A	SEC2GW29A	2/12/2014 11:45		55.7	34	0.8	9.5	0.77	130	56	-5.2	-51.77	---	Closed valve 1/2 turn or less,,,,,,,
SC2GW29A	SEC2GW29A	2/12/2014 11:45	ADJ	55.7	34	0.8	9.5	0.62	129	50	-4.8	-51.77	---	
SC2GW29A	SEC2GW29A	3/18/2014 8:44		51	37.5	0.8	10.7	1.12	130	67	-5.5	-50.36	5	No change,,,,,,,
SC2GW29A	SEC2GW29A	3/18/2014 8:44	ADJ	51	37.5	0.8	10.7	0.73	129	54	-5.5	-50.36	5	
SC2GW29A	SEC2GW29A	4/1/2014 13:00		50.1	36.9	1.1	11.9	-0.02	128	---	-5.3	-48.86	5	Opened valve 1/2 turn or less,,,,,,,
SC2GW29A	SEC2GW29A	4/1/2014 13:00	ADJ	50.1	36.9	1.1	11.9	0.7	128	52	-6.8	-48.86	5	
SC2GW29A	SEC2GW29A	5/15/2014 11:39		48.5	35.4	0.8	15.3	1.12	120	67	-8.9	-57.03	---	Closed valve 1/2 turn or less,,,,,,,
SC2GW29A	SEC2GW29A	5/15/2014 11:39	ADJ	48.5	35.4	0.8	15.3	1.02	120	64	-8.2	-57.03	---	
SC2GW29A	SEC2GW29A	6/10/2014 14:34		51.4	36.2	0.9	11.5	0.8	129	56	-6.5	-56	---	No change,,,,,,,
SC2GW29A	SEC2GW29A	6/10/2014 14:34	ADJ	51.4	36.2	0.9	11.5	0.73	129	54	-6.6	-56	---	
SC2GW29A	SEC2GW29A	7/16/2014 16:02		52	37.7	0.5	9.8	0.66	127	51	-5.6	-55.06	---	No change,,,,,,,
SC2GW29A	SEC2GW29A	7/16/2014 16:02	ADJ	52	37.7	0.5	9.8	0.69	127	52	-5.6	-55.06	---	
SC2GW29A was abandoned and replaced with SC2GW29B in accordance with the 2014 Gas System Improvement Project.														
SC2GW29B	SC2GW29B	8/5/2014 7:54		57	42.7	0.2	0.1	0	77	---	0.5	-56.88	---	No change,,,,,,,: :
SC2GW29B	SC2GW29B	8/5/2014 7:54	ADJ	57	42.7	0.2	0.1	0	77	---	0.5	-56.88	---	
SC2GW29B	SC2GW29B	8/5/2014 7:56		57.3	42.4	0.1	0.2	0.01	77	5	0.5	-56.77	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW29B	SC2GW29B	8/5/2014 7:56	ADJ	57.3	42.4	0.1	0.2	0.03	113	11	0.2	-56.77	---	
SC2GW29B	SC2GW29B	8/6/2014 13:09		57.9	41.9	0	0.2	-0.02	125	---	0.1	-56.41	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW29B	SC2GW29B	8/6/2014 13:09	ADJ	57.9	41.9	0	0.2	0.05	127	13	-0.1	-56.41	---	
SC2GW29B	SC2GW29B	8/7/2014 11:41		57.8	41.8	0.2	0.2	0.04	121	12	-0.2	-55.84	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW29B	SC2GW29B	8/7/2014 11:41	ADJ	57.8	41.8	0.2	0.2	0.23	123	30	-0.8	-55.84	---	
SC2GW29B	SC2GW29B	8/12/2014 12:13		58.2	41.7	0	0.1	0.37	113	39	-1	-54.67	---	Opened valve 1/2 turn or less,,,,,,,: :
SC2GW29B	SC2GW29B	8/12/2014 12:13	ADJ	58.2	41.7	0	0.1	0.52	113	46	-1.6	-54.67	---	
SC2GW29B	SC2GW29B	9/23/2014 6:41		52.8	41.9	0	5.3	0.28	112	33	-2.6	-52.59	---	No change,,,,,,,
SC2GW29B	SC2GW29B	9/23/2014 6:41	ADJ	52.8	41.9	0	5.3	0.17	113	26	-2.6	-52.59	---	
SC2GW29B	SC2GW29B	10/13/2014 7:14		54.2	42.1	0.2	3.5	0.22	119	29	-2.5	-51	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW29B	SC2GW29B	10/13/2014 7:14	ADJ	54.2	42.1	0.2	3.5	0.31	120	35	-3.5	-51	---	
SC2GW29B	SC2GW29B	11/25/2014 15:47		51.1	40	0.9	8	0.42	66	43	-3.3	-51.1	---	No change,,,,,,,
SC2GW29B	SC2GW29B	11/25/2014 15:47	ADJ	51.1	40	0.9	8	0.26	69	33	-3.3	-51.1	---	
SC2GW29B	SC2GW29B	12/22/2014 10:16		51.8	38.7	1.2	8.3	0.11	74	21	-4.1	-51	---	No change,,,,,,,
SC2GW29B	SC2GW29B	12/22/2014 10:16	ADJ	51.8	38.7	1.2	8.3	0.11	75	21	-4.1	-51	---	
SC2GW36A	SC2GW36A	6/3/2014 11:51		58.1	40.9	0.9	0.1	0.14	121	22	-52.1	-53.75	---	No change,,,,,,,
SC2GW36A	SC2GW36A	6/3/2014 11:51	ADJ	58.1	40.9	0.9	0.1	0.15	122	23	-52	-53.75	---	
SC2GW36A	SC2GW36A	6/3/2014 14:22		57.3	42.2	0.3	0.2	0.12	122	20	-52.4	-53.82	---	No change,,,,,,,
SC2GW36A	SC2GW36A	6/3/2014 14:22	ADJ	57.3	42.2	0.3	0.2	0.14	122	21	-52	-53.82	---	
SC2GW36A	SC2GW36A	7/16/2014 13:57		56.1	43.4	0.3	0.2	0.09	127	0	-9	-54.56	---	,,,,,,,: :
SC2GW36A	SC2GW36A	7/16/2014 13:57	ADJ	56.1	43.4	0.3	0.2	0.1	127	0	-9	-54.56	---	
SC2GW36A	SC2GW36A	8/13/2014 9:45		56	43.4	0.4	0.2	0.13	128	21	-24	-35.1	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW36A	SC2GW36A	8/13/2014 9:45	ADJ	56	43.4	0.4	0.2	0.06	129	13	-25.1	-35.1	---	
SC2GW36A	SC2GW36A	9/23/2014 6:09		55.6	43.5	0.8	0.1	0.11	132	20	-13.3	-51.06	---	Closed valve 1/2 turn or less,,,,,,,
SC2GW36A	SC2GW36A	9/23/2014 6:09	ADJ	55.6	43.5	0.8	0.1	0.02	130	9	-9.1	-51.06	---	
SC2GW36A	SC2GW36A	10/10/2014 15:14		54.8	44.9	0.2	0.1	0.05	126	14	-2.6	-49.76	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW36A	SC2GW36A	10/10/2014 15:14	ADJ	54.8	44.9	0.2	0.1	0.06	128	15	-3.2	-49.76	---	
SC2GW36A	SC2GW36A	11/25/2014 14:03		54.1	45.8	0	0.1	-0.18	119	---	-0.1	-13.89	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW36A	SC2GW36A	11/25/2014 14:03	ADJ	54.1	45.8	0	0.1	0.28	123	33	-0.9	-13.89	---	
SC2GW36A	SC2GW36A	12/22/2014 6:28		51.5	48.3	0.1	0.1	-0.57	131	---	-11.3	-50.13	---	No change,,,,,,,
SC2GW36A	SC2GW36A	12/22/2014 6:28	ADJ	51.5	48.3	0.1	0.1	-0.54	132	---	-11.3	-50.13	---	
SC2GW40A	SC2GW40A	6/3/2014 11:55		60.3	39.4	0.2	0.1	-0.29	84	---	-18.5	-18.16	---	No change,,,,,,,
SC2GW40A	SC2GW40A	6/3/2014 11:55	ADJ	60.3	39.4	0.2	0.1	-0.06	85	---	-18.4	-18.16	---	
SC2GW40A	SC2GW40A	6/3/2014 12:34		50.2	35.1	0.1	14.6	0	74	2	0	0	---	,,,,,,,
SC2GW40A	SC2GW40A	6/3/2014 12:34	ADJ	50.2	35.1	0.1	14.6	0	74	1	0	0	---	
SC2GW40A	SC2GW40A	6/3/2014 14:25		60.2	39	0.6	0.2	-0.02	86	---	-18.3	-17.99	---	No change,,,,,,,
SC2GW40A	SC2GW40A	6/3/2014 14:25	ADJ	60.2	39	0.6	0.2	-0.18	87	---	-18.2	-17.99	---	
SC2GW40A	SC2GW40A	7/16/2014 10:39		60.8	39.1	0	0.1	0.01	85	0	-6.1	-6.47	---	,,,,,,,
SC2GW40A	SC2GW40A	7/16/2014 10:39	ADJ	60.8	39.1	0	0.1	0.08	86	0	-6.2	-6.47	---	
SC2GW40A	SC2GW40A	8/12/2014 14:07		44.9	34.6	3.7	16.8	0.01	89	5	-49.8	-50.16	---	Closed valve 1/2 turn or less,,,,,,,
SC2GW40A	SC2GW40A	8/12/2014 14:07	ADJ	44.9	34.6	3.7	16.8	0.03	90	10	-48.6	-50.16	---	
SC2GW40A	SC2GW40A	9/26/2014 5:43		38.8	31	4.1	26.1	0.07	111	15	-13.8	-53.37	---	Closed valve 1/2 turn or less,Valve barely open,,,,,
SC2GW40A	SC2GW40A	9/26/2014 5:43	ADJ	38.8	31	4.1	26.1	0.04	111	12	-12	-53.37	---	
SC2GW40A	SC2GW40A	10/9/2014 15:57		44.3	34	2.4	19.3	-0.01	106	---	-11.9	-53.84	---	Closed valve 1/2 turn or less,,,,,,,
SC2GW40A	SC2GW40A	10/9/2014 15:57	ADJ	44.3	34	2.4	19.3	-0.32	105	---	-10.2	-53.84	---	
SC2GW40A	SC2GW40A	11/25/2014 10:58		57.1	42.6	0.2	0.1	-0.07	82	---	-8.4	-50.99	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW40A	SC2GW40A	11/25/2014 10:58	ADJ	57.1	42.6	0.2	0.1	0.07	84	16	-10.5	-50.99	---	
SC2GW40A	SC2GW40A	12/20/2014 11:17		46.8	36.3	3.3	13.6	-0.13	78	---	-17.5	-51.49	---	Closed valve 1/2 turn or less,,,,,,,
SC2GW40A	SC2GW40A	12/20/2014 11:17	ADJ	46.8	36.3	3.3	13.6	-0.07	79	---	-16.8	-51.49	---	
SC2GW43A	SC2GW43A	6/3/2014 11:47		57.7	39.4	0.7	2.2	0.18	96	27	-0.9	-56.55	---	No change,,,,,,,
SC2GW43A	SC2GW43A	6/3/2014 11:47	ADJ	57.7	39.4	0.7	2.2	0.15	97	24	-0.9	-56.55	---	
SC2GW43A	SC2GW43A	6/3/2014 14:17		58	39.6	0.8	1.6	0.11	96	21	-0.9	-13.59	---	No change,,,,,,,
SC2GW43A	SC2GW43A	6/3/2014 14:17	ADJ	58	39.6	0.8	1.6	0.11	97	21	-0.9	-13.59	---	
SC2GW43A	SC2GW43A	7/16/2014 10:53		59.3	40.3	0.2	0.2	0.1	107	0	-7.6	-55.99	---	,,,,,,,
SC2GW43A	SC2GW43A	7/16/2014 10:53	ADJ	59.3	40.3	0.2	0.2	0.14	106	0	-8.1	-55.99	---	
SC2GW43A	SC2GW43A	8/13/2014 7:22		57	40.4	0.5	2.1	0.02	106	9	-7.5	-49.72	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW43A	SC2GW43A	8/13/2014 7:22	ADJ	57	40.4	0.5	2.1	-0.01	107	9	-8.6	-49.72	---	
SC2GW43A	SC2GW43A	8/18/2014 14:19		44.3	37.2	0.4	18.1	0.15	113	23	-18.9	-50.48	---	Closed valve 1/2 turn or less,,,,,,,
SC2GW43A	SC2GW43A	8/18/2014 14:19	ADJ	44.3	37.2	0.4	18.1	0.14	113	22	-17	-50.48	---	
SC2GW43A	SC2GW43A	9/22/2014 13:44		52.1	36.9	0.1	10.9	0.12	109	21	-22.4	-53.16	---	No change,,,,,,,
SC2GW43A	SC2GW43A	9/22/2014 13:44	ADJ	52.1	36.9	0.1	10.9	0.14	110	22	-22.4	-53.16	---	
SC2GW43A	SC2GW43A	10/9/2014 16:07		49.7	36.1	0.4	13.8	0.11	107	20	-19.6	-54.02	---	Closed valve 1/2 turn or less,,,,,,,
SC2GW43A	SC2GW43A	10/9/2014 16:07	ADJ	49.7	36.1	0.4	13.8	0.12	107	21	-18.6	-54.02	---	
SC2GW43A	SC2GW43A	11/25/2014 11:19		58	39.7	0.1	2.2	0.27	107	33	-14.4	-51.18	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW43A	SC2GW43A	11/25/2014 11:19	ADJ	58	39.7	0.1	2.2	0.33	108	36	-16.3	-51.18	---	
SC2GW43A	SC2GW43A	12/20/2014 11:31		49.5	36.6	0.5	13.4	0.22	105	29	-14.3	-51.63	---	Closed valve 1/2 turn or less,,,,,,,
SC2GW43A	SC2GW43A	12/20/2014 11:31	ADJ	49.5	36.6	0.5	13.4	0.23	105	30	-13.8	-51.63	---	
SC2GW61A	SC2GW61A	8/5/2014 11:35		56.6	42.9	0.3	0.2	0.01	81	7	0.2	-57.65	---	No change,,,,,,,: :
SC2GW61A	SC2GW61A	8/5/2014 11:35	ADJ	56.6	42.9	0.3	0.2	0.01	81	6	0.2	-57.65	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SC2GW61A	SC2GW61A	8/5/2014 11:37		57.4	42.3	0.1	0.2	0.01	81	7	0.2	-57.03	---	Opened valve 1/2 turn or less,,,,,,: :
SC2GW61A	SC2GW61A	8/5/2014 11:37	ADJ	57.4	42.3	0.1	0.2	0.03	87	10	0.1	-57.03	---	
SC2GW61A	SC2GW61A	8/6/2014 13:23		59	40.7	0.2	0.1	-0.04	103	---	0	-54.03	---	Opened valve 1/2 turn or less,,,,,,: :
SC2GW61A	SC2GW61A	8/6/2014 13:23	ADJ	59	40.7	0.2	0.1	-0.01	109	---	-0.2	-54.03	---	
SC2GW61A	SC2GW61A	8/7/2014 11:56		58.7	41.2	0	0.1	-0.02	107	---	-0.3	-51.43	---	Opened valve 1/2 turn or less,,,,,,: :
SC2GW61A	SC2GW61A	8/7/2014 11:56	ADJ	58.7	41.2	0	0.1	0.24	108	31	-1	-51.43	---	
SC2GW61A	SC2GW61A	8/12/2014 8:46		52.2	40.8	0.4	6.6	0.18	99	27	-1	-52.28	---	Opened valve 1/2 turn or less,,,,,,: :
SC2GW61A	SC2GW61A	8/12/2014 8:46	ADJ	52.2	40.8	0.4	6.6	0.3	100	35	-1.1	-52.28	---	
SC2GW61A	SC2GW61A	9/23/2014 6:27		58.3	41.3	0.2	0.2	-0.7	100	---	-1.2	-44.42	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW61A	SC2GW61A	9/23/2014 6:27	ADJ	58.3	41.3	0.2	0.2	-0.35	101	---	-2.3	-44.42	---	
SC2GW61A	SC2GW61A	10/10/2014 16:11		57.4	42.3	0.1	0.2	0.45	96	43	-2.8	-44.91	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW61A	SC2GW61A	10/10/2014 16:11	ADJ	57.4	42.3	0.1	0.2	0.63	97	52	-3.8	-44.91	---	
SC2GW61A	SC2GW61A	11/25/2014 15:32		53.9	40.5	0.4	5.2	0.79	65	59	-7.8	-46.43	---	No change,,,,,,,
SC2GW61A	SC2GW61A	11/25/2014 15:32	ADJ	53.9	40.5	0.4	5.2	0.68	65	55	-7.8	-46.43	---	
SC2GW61A	SC2GW61A	12/22/2014 8:45		55.3	44.2	0.4	0.1	0.67	63	54	-8.3	-44.52	---	Opened valve 1/2 turn or less,,,,,,,
SC2GW61A	SC2GW61A	12/22/2014 8:45	ADJ	55.3	44.2	0.4	0.1	0.89	66	62	-9	-44.52	---	
SE2GW24A	SEC2GW24A	1/30/2014 8:55		56.5	38.3	0.4	4.8	0.35	94	37	-29.6	-53.33	---	No change,,,,,,,
SE2GW24A	SEC2GW24A	1/30/2014 8:55	ADJ	56.5	38.3	0.4	4.8	0.38	94	38	-29.6	-53.33	---	
SE2GW24A	SEC2GW24A	2/13/2014 11:32		51.1	31.3	3.5	14.1	0.49	87	45	-27.2	-51.82	---	Closed valve 1/2 turn or less,,,,,,,
SE2GW24A	SEC2GW24A	2/13/2014 11:32	ADJ	51.1	31.3	3.5	14.1	-0.32	85	45	-21.3	-51.82	---	
SE2GW24A	SEC2GW24A	3/17/2014 12:37		50.8	36.6	3.3	9.3	0.13	105	22	-13.4	-55.52	20	Closed valve 1/2 turn or less,,,,,,,
SE2GW24A	SEC2GW24A	3/17/2014 12:37	ADJ	50.8	36.6	3.3	9.3	0.04	105	13	-12.7	-55.52	15	
SE2GW24A	SEC2GW24A	4/1/2014 13:55		52.8	38.2	2.7	6.3	-0.07	113	---	-5.6	-51.31	5	No change,,,,,,,
SE2GW24A	SEC2GW24A	4/1/2014 13:55	ADJ	52.8	38.2	2.7	6.3	-0.13	114	---	-5.7	-51.31	5	
SE2GW24A	SEC2GW24A	5/15/2014 9:34		58.7	41.2	0	0.1	0.13	102	22	-21.5	-57.02	---	Opened valve 1/2 turn or less,,,,,,,
SE2GW24A	SEC2GW24A	5/15/2014 9:34	ADJ	58.7	41.2	0	0.1	0.11	102	20	-22	-57.02	---	
SE2GW24A	SEC2GW24A	6/10/2014 13:12		58.4	41	0.5	0.1	0.33	97	36	-28.7	-57.03	---	No change,,,,,,,
SE2GW24A	SEC2GW24A	6/10/2014 13:12	ADJ	58.4	41	0.5	0.1	0.17	97	26	-28.7	-57.03	---	
SE2GW24A	SEC2GW24A	7/16/2014 13:33		59.5	40.1	0.2	0.2	0.22	99	29	-30.4	-57.94	---	No change,,,,,,,
SE2GW24A	SEC2GW24A	7/16/2014 13:33	ADJ	59.5	40.1	0.2	0.2	0.2	99	28	-30.4	-57.94	---	
SE2GW24A	SEC2GW24A	8/12/2014 9:14		59.1	40.6	0.1	0.2	-0.1	114	---	-0.1	-55.97	---	Opened valve 1/2 turn or less,,,,,,,
SE2GW24A	SEC2GW24A	8/12/2014 9:14	ADJ	59.1	40.6	0.1	0.2	0	116	---	-1.6	-55.97	---	
SE2GW24A	SEC2GW24A	9/22/2014 12:54		58.2	40.9	0.7	0.2	0.07	119	16	-1.6	-54.03	---	Opened valve 1/2 turn or less,,,,,,,
SE2GW24A	SEC2GW24A	9/22/2014 12:54	ADJ	58.2	40.9	0.7	0.2	0.08	121	18	-2.8	-54.03	---	
SE2GW24A	SEC2GW24A	10/10/2014 15:53		58.2	41.2	0.5	0.1	0.21	116	29	-3.3	-48.41	---	Opened valve 1/2 turn or less,,,,,,,
SE2GW24A	SEC2GW24A	10/10/2014 15:53	ADJ	58.2	41.2	0.5	0.1	0.24	118	31	-4.7	-48.41	---	
SE2GW24A	SEC2GW24A	11/25/2014 14:45		58	41.2	0.7	0.1	-0.26	111	---	-2.9	-50.61	---	Opened valve 1/2 turn or less,,,,,,,
SE2GW24A	SEC2GW24A	11/25/2014 14:45	ADJ	58	41.2	0.7	0.1	0.09	114	19	-4	-50.61	---	
SE2GW24A	SEC2GW24A	12/22/2014 8:17		54.2	45.3	0.3	0.2	-0.3	112	---	-1.9	-50.77	---	Closed valve 1/2 turn or less,,,,,,,
SE2GW24A	SEC2GW24A	12/22/2014 8:17	ADJ	54.2	45.3	0.3	0.2	-0.51	112	---	-1.5	-50.77	---	
SE2GW25A	SEC2GW25A	1/30/2014 8:48		56.2	37.1	1.9	4.8	0.57	108	47	-28.5	-54.07	---	No change,,,,,,,
SE2GW25A	SEC2GW25A	1/30/2014 8:48	ADJ	56.2	37.1	1.9	4.8	0.26	108	31	-28.4	-54.07	---	
SE2GW25A	SEC2GW25A	2/13/2014 8:40		59.1	35.5	1.8	3.6	0.39	107	39	-27.9	-52.01	---	No change,,,,,,,
SE2GW25A	SEC2GW25A	2/13/2014 8:40	ADJ	59.1	35.5	1.8	3.6	0.43	108	41	-28	-52.01	---	
SE2GW25A	SEC2GW25A	3/17/2014 12:41		55.5	37.8	2.5	4.2	0.85	107	57	-34.4	-55.99	50	Closed valve 1/2 turn or less,,,,,,,
SE2GW25A	SEC2GW25A	3/17/2014 12:41	ADJ	55.5	37.8	2.5	4.2	0.23	107	29	-32.4	-55.99	40	
SE2GW25A	SEC2GW25A	4/1/2014 13:59		56.7	38	1.7	3.6	0.34	107	36	-25.9	-51.14	50	No change,,,,,,,
SE2GW25A	SEC2GW25A	4/1/2014 13:59	ADJ	56.7	38	1.7	3.6	0.05	108	14	-25.8	-51.14	50	
SE2GW25A	SEC2GW25A	5/15/2014 9:38		59.3	40.1	0.4	0.2	0.27	109	32	-23.2	-57.67	---	Opened valve 1/2 turn or less,,,,,,,
SE2GW25A	SEC2GW25A	5/15/2014 9:38	ADJ	59.3	40.1	0.4	0.2	0.3	109	34	-23.6	-57.67	---	
SE2GW25A	SEC2GW25A	6/10/2014 13:17		58.7	40.7	0.4	0.2	0.2	111	28	-17.9	-57.49	---	No change,,,,,,,
SE2GW25A	SEC2GW25A	6/10/2014 13:17	ADJ	58.7	40.7	0.4	0.2	0.3	111	34	-17.9	-57.49	---	
SE2GW25A	SEC2GW25A	7/16/2014 13:37		59.5	38.8	1.2	0.5	0.34	113	37	-9.5	-57.15	---	No change,,,,,,,
SE2GW25A	SEC2GW25A	7/16/2014 13:37	ADJ	59.5	38.8	1.2	0.5	0.42	113	41	-9.5	-57.15	---	
SE2GW25A	SEC2GW25A	8/12/2014 9:18		59.2	39.2	0.6	1	0.23	112	30	-15.5	-58.1	---	Opened valve 1/2 turn or less,,,,,,,
SE2GW25A	SEC2GW25A	8/12/2014 9:18	ADJ	59.2	39.2	0.6	1	0.26	113	32	-16.5	-58.1	---	
SE2GW25A	SEC2GW25A	9/22/2014 12:58		58.2	41.6	0.1	0.1	0.35	115	37	-9.3	-53.97	---	Opened valve 1/2 turn or less,,,,,,,
SE2GW25A	SEC2GW25A	9/22/2014 12:58	ADJ	58.2	41.6	0.1	0.1	0.41	116	40	-10.5	-53.97	---	
SE2GW25A	SEC2GW25A	10/10/2014 15:50		58.4	40.9	0.6	0.1	0.25	115	31	-13.3	-51.09	---	Opened valve 1/2 turn or less,,,,,,,
SE2GW25A	SEC2GW25A	10/10/2014 15:50	ADJ	58.4	40.9	0.6	0.1	0.43	116	41	-14.7	-51.09	---	
SE2GW25A	SEC2GW25A	11/25/2014 14:41		57.7	42.1	0	0.2	-0.14	116	---	-9.8	-52.41	---	Opened valve 1/2 turn or less,,,,,,,
SE2GW25A	SEC2GW25A	11/25/2014 14:41	ADJ	57.7	42.1	0	0.2	0.5	116	44	-10.8	-52.41	---	
SE2GW25A	SEC2GW25A	12/22/2014 8:08		56.2	43.4	0.3	0.1	0.97	114	62	-11.4	-51.94	---	Opened valve 1/2 turn or less,,,,,,,
SE2GW25A	SEC2GW25A	12/22/2014 8:08	ADJ	56.2	43.4	0.3	0.1	1.07	114	65	-12.5	-51.94	---	
SEC1GW01	SEC1GW01	1/29/2014 7:39		41.8	25.6	3.7	28.9	2.7	25	67	-7.1	-13.79	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW01	SEC1GW01	1/29/2014 7:39	ADJ	41.8	25.6	3.7	28.9	2.23	25	61	-6.7	-13.79	---	
SEC1GW01	SEC1GW01	2/10/2014 11:30		59.8	37	0.5	2.7	0.68	20	34	-0.5	-3.38	---	No change,,,,,,,
SEC1GW01	SEC1GW01	2/10/2014 11:30	ADJ	59.8	37	0.5	2.7	0.64	20	32	-0.4	-3.38	---	
SEC1GW01	SEC1GW01	3/6/2014 14:35		37.5	35	0.1	27.4	-2.65	43	---	-2.1	-26.61	1	No change,,,,,,,
SEC1GW01	SEC1GW01	3/6/2014 14:35	ADJ	37.5	35	0.1	27.4	-2.63	43	---	-2.1	-26.61	1	
SEC1GW01	SEC1GW01	4/2/2014 11:11		24	27.4	0.7	47.9	-0.89	50	---	-2.1	-26.25	1	No change,,,,,,,
SEC1GW01	SEC1GW01	4/2/2014 11:11	ADJ	24	27.4	0.7	47.9	-0.86	50	---	-2.1	-26.25	1	
SEC1GW01	SEC1GW01	5/19/2014 12:33		17.4	24.6	1.3	56.7	0.02	53	5	-2.3	-18.15	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW01	SEC1GW01	5/19/2014 12:33	ADJ	17.4	24.6	1.3	56.7	0.01	53	4	-1.7	-18.15	---	
SEC1GW01	SEC1GW01	6/11/2014 14:43		25.2	26.7	0.3	47.8	0.1	80	11	-1.4	-17.8	---	No change,,,,,,,
SEC1GW01	SEC1GW01	6/11/2014 14:43	ADJ	25.2	26.7	0.3	47.8	0.1	78	11	-1.4	-17.8	---	
SEC1GW01	SEC1GW01	7/15/2014 14:43		27.8	30.1	0.4	41.7	0.05	68	8	-2.4	-29.53	---	No change,,,,,,,
SEC1GW01	SEC1GW01	7/15/2014 14:43	ADJ	27.8	30.1	0.4	41.7	0.07	68	9	-2.4	-29.53	---	
SEC1GW01	SEC1GW01	8/18/2014 12:12		36	36.2	0	27.8	0.03	76	5	-2.6	-28.36	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW01	SEC1GW01	8/18/2014 12:12	ADJ	36	36.2	0	27.8	-0.02	76	5	-2.5	-28.36	---	
SEC1GW01	SEC1GW01	9/23/2014 12:34		31.9	32.7	0.1	35.3	0.06	72	8	-2.4	-28.33	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC1GW01	SEC1GW01	9/23/2014 12:34	ADJ	31.9	32.7	0.1	35.3	0.06	71	8	-2.2	-28.33	---	
SEC1GW01	SEC1GW01	10/13/2014 14:09		45.3	36.5	0	18.2	-0.01	57	---	-2	-28.55	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW01	SEC1GW01	10/13/2014 14:09	ADJ	45.3	36.5	0	18.2	-0.02	57	---	-1.1	-28.55	---	
SEC1GW01	SEC1GW01	11/20/2014 8:56		49.8	38.4	0.1	11.7	2.45	30	62	-4	-31.69	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW01	SEC1GW01	11/20/2014 8:56	ADJ	49.8	38.4	0.1	11.7	2.34	30	61	-3.6	-31.69	---	
SEC1GW01	SEC1GW01	12/16/2014 15:22		50.3	38.4	0	11.3	-0.79	40	---	-1.2	-25.48	---	No change,,,,,,,
SEC1GW01	SEC1GW01	12/16/2014 15:22	ADJ	50.3	38.4	0	11.3	-0.8	38	---	-1.2	-25.48	---	
SEC1GW02	SEC1GW02	1/29/2014 7:45		44.3	31.7	0.7	23.3	18.5	25	171	-30.8	-30.39	---	No change,,,,,,,
SEC1GW02	SEC1GW02	1/29/2014 7:45	ADJ	44.3	31.7	0.7	23.3	18	25	169	-30.7	-30.39	---	
SEC1GW02	SEC1GW02	2/10/2014 11:35		41.2	30.3	4.2	24.3	8.46	25	117	-12.2	-12.29	---	No change,,,,,,,
SEC1GW02	SEC1GW02	2/10/2014 11:35	ADJ	41.2	30.3	4.2	24.3	8.43	25	117	-12.2	-12.29	---	
SEC1GW02	SEC1GW02	3/6/2014 14:42		44.2	35.6	0.2	20	-3.32	44	---	-0.8	-26.65	1	No change,,,,,,,
SEC1GW02	SEC1GW02	3/6/2014 14:42	ADJ	44.2	35.6	0.2	20	-3.3	44	---	-0.8	-26.65	1	
SEC1GW02	SEC1GW02	4/2/2014 11:13		35.8	33.7	0.2	30.3	-1.28	50	---	-1.1	-27.15	1	No change,,,,,,,
SEC1GW02	SEC1GW02	4/2/2014 11:13	ADJ	35.8	33.7	0.2	30.3	-1.12	50	---	-1.1	-27.15	1	
SEC1GW02	SEC1GW02	5/19/2014 12:35		27.4	30.5	0.3	41.8	0.03	51	6	-1.2	-25.49	---	No change,,,,,,,
SEC1GW02	SEC1GW02	5/19/2014 12:35	ADJ	27.4	30.5	0.3	41.8	0.04	51	6	-1.3	-25.49	---	
SEC1GW02	SEC1GW02	6/11/2014 14:46		35.5	31.3	0.3	32.9	0.12	73	12	-0.7	-19.45	---	No change,,,,,,,
SEC1GW02	SEC1GW02	6/11/2014 14:46	ADJ	35.5	31.3	0.3	32.9	0.12	72	12	-0.7	-19.45	---	
SEC1GW02	SEC1GW02	7/15/2014 14:45		39.1	33.9	0.3	26.7	0.07	65	9	-1.4	-29.94	---	No change,,,,,,,
SEC1GW02	SEC1GW02	7/15/2014 14:45	ADJ	39.1	33.9	0.3	26.7	0.08	64	10	-1.4	-29.94	---	
SEC1GW02	SEC1GW02	8/18/2014 12:14		46.5	38.5	0	15	0.01	74	3	-1.2	-29.35	---	No change,,,,,,,
SEC1GW02	SEC1GW02	8/18/2014 12:14	ADJ	46.5	38.5	0	15	0.01	73	3	-1.2	-29.35	---	
SEC1GW02	SEC1GW02	9/23/2014 12:37		43.7	36.6	0	19.7	0.08	70	10	-1.3	-30.72	---	No change,Valve barely open,,,,,,
SEC1GW02	SEC1GW02	9/23/2014 12:37	ADJ	43.7	36.6	0	19.7	0.08	69	10	-1.3	-30.72	---	
SEC1GW02	SEC1GW02	10/13/2014 14:13		50.8	39	0	10.2	0.02	56	5	-1.1	-28.59	---	No change,,,,,,,
SEC1GW02	SEC1GW02	10/13/2014 14:13	ADJ	50.8	39	0	10.2	0.02	56	4	-1.1	-28.59	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC1GW02	SEC1GW02	11/20/2014 9:22		50.7	38.5	0.1	10.7	-0.25	43	---	-1.6	-15.3	---	No change,,,,,,,
SEC1GW02	SEC1GW02	11/20/2014 9:22	ADJ	50.7	38.5	0.1	10.7	-0.24	43	---	-1.7	-15.3	---	
SEC1GW02	SEC1GW02	12/16/2014 15:28		51.1	38.5	0	10.4	-0.25	44	---	-1.8	-25.64	---	No change,,,,,,,
SEC1GW02	SEC1GW02	12/16/2014 15:28	ADJ	51.1	38.5	0	10.4	-0.27	44	---	-1.8	-25.64	---	
SEC1GW03	SEC1GW03	1/29/2014 7:33		53.9	36	0.4	9.7	17.43	60	164	-19	-18.73	---	No change,,,,,,,
SEC1GW03	SEC1GW03	1/29/2014 7:33	ADJ	53.9	36	0.4	9.7	17.31	60	164	-18.8	-18.73	---	
SEC1GW03	SEC1GW03	2/10/2014 11:27		58.2	36.2	1.1	4.5	12.51	60	141	-11.4	-9.36	---	No change,,,,,,,
SEC1GW03	SEC1GW03	2/10/2014 11:27	ADJ	58.2	36.2	1.1	4.5	12.2	60	140	-11.4	-9.36	---	
SEC1GW03	SEC1GW03	3/6/2014 14:30		45.3	36.1	0.2	18.4	-5.04	50	---	-1.1	-26.34	2	No change,,,,,,,
SEC1GW03	SEC1GW03	3/6/2014 14:30	ADJ	45.3	36.1	0.2	18.4	-5.03	50	---	-1.1	-26.34	2	
SEC1GW03	SEC1GW03	4/2/2014 11:09		36	33	0.1	30.9	0.03	60	6	-1.5	-25.43	1	No change,,,,,,,
SEC1GW03	SEC1GW03	4/2/2014 11:09	ADJ	36	33	0.1	30.9	0.04	60	6	-1.5	-25.43	1	
SEC1GW03	SEC1GW03	5/19/2014 12:29		37.4	34	0.2	28.4	0.03	53	6	-6.3	-25.16	---	No change,,,,,,,
SEC1GW03	SEC1GW03	5/19/2014 12:29	ADJ	37.4	34	0.2	28.4	0.04	53	7	-6.3	-25.16	---	
SEC1GW03	SEC1GW03	6/11/2014 14:41		43.3	35.1	0.3	21.3	0.11	75	12	-5.9	-18.86	---	No change,,,,,,,
SEC1GW03	SEC1GW03	6/11/2014 14:41	ADJ	43.3	35.1	0.3	21.3	0.11	73	12	-5.9	-18.86	---	
SEC1GW03	SEC1GW03	7/15/2014 14:40		42.1	36.7	0.2	21	0.08	65	10	-7.4	-29.74	---	No change,,,,,,,
SEC1GW03	SEC1GW03	7/15/2014 14:40	ADJ	42.1	36.7	0.2	21	0.08	65	10	-7.4	-29.74	---	
SEC1GW03	SEC1GW03	8/18/2014 12:09		43.4	39.8	0	16.8	0.02	70	4	-6.3	-29.18	---	No change,,,,,,,
SEC1GW03	SEC1GW03	8/18/2014 12:09	ADJ	43.4	39.8	0	16.8	0.02	70	5	-6.3	-29.18	---	
SEC1GW03	SEC1GW03	9/23/2014 12:31		51	40.1	0	8.9	0.1	71	11	-8	-30.63	---	No change,Valve barely open,,,,,,
SEC1GW03	SEC1GW03	9/23/2014 12:31	ADJ	51	40.1	0	8.9	0.1	68	11	-8	-30.63	---	
SEC1GW03	SEC1GW03	10/13/2014 14:05		53.1	41.3	0	5.6	0.01	58	3	-6.8	-28.36	---	No change,,,,,,,
SEC1GW03	SEC1GW03	10/13/2014 14:05	ADJ	53.1	41.3	0	5.6	0.02	58	5	-6.8	-28.36	---	
SEC1GW03	SEC1GW03	11/20/2014 8:49		53.2	40.9	0.3	5.6	-0.34	42	---	-7.1	-30.2	---	No change,,,,,,,
SEC1GW03	SEC1GW03	11/20/2014 8:49	ADJ	53.2	40.9	0.3	5.6	-0.34	42	---	-7.1	-30.2	---	
SEC1GW03	SEC1GW03	12/16/2014 15:19		53.5	39.5	0.9	6.1	-0.08	45	---	-7	-24.98	---	No change,,,,,,,
SEC1GW03	SEC1GW03	12/16/2014 15:19	ADJ	53.5	39.5	0.9	6.1	-0.1	45	---	-6.9	-24.98	---	
SEC1GW04	SEC1GW04	1/29/2014 7:52		30.7	30.4	0.3	38.6	17.16	32	162	-21.8	-2.95	---	No change,,,,,,,
SEC1GW04	SEC1GW04	1/29/2014 7:52	ADJ	30.7	30.4	0.3	38.6	16.55	32	159	-21.9	-2.95	---	
SEC1GW04	SEC1GW04	2/10/2014 11:41		26.2	22.4	4.8	46.6	---	20	---	-36.1	-2.22	---	No change,,,,,,,
SEC1GW04	SEC1GW04	2/10/2014 11:41	ADJ	26.2	22.4	4.8	46.6	---	20	---	-36	-2.22	---	
SEC1GW04	SEC1GW04	3/17/2014 7:39		26.8	29	0.2	44	-1.46	30	---	-0.3	-25.71	1	No change,,,,,,,
SEC1GW04	SEC1GW04	3/17/2014 7:39	ADJ	26.8	29	0.2	44	-1.56	31	---	-0.3	-25.71	1	
SEC1GW04	SEC1GW04	4/2/2014 11:14		23.6	27.1	0.2	49.1	-0.12	52	---	-0.5	-26.37	1	No change,,,,,,,
SEC1GW04	SEC1GW04	4/2/2014 11:14	ADJ	23.6	27.1	0.2	49.1	-0.15	52	---	-0.5	-26.37	1	
SEC1GW04	SEC1GW04	5/19/2014 12:38		23	27.7	0.3	49	0.01	51	3	-0.7	-16.67	---	No change,,,,,,,
SEC1GW04	SEC1GW04	5/19/2014 12:38	ADJ	23	27.7	0.3	49	0.02	51	4	-0.7	-16.67	---	
SEC1GW04	SEC1GW04	6/11/2014 14:48		30.6	28.8	0.2	40.4	0.1	83	11	-0.3	-19.72	---	No change,,,,,,,
SEC1GW04	SEC1GW04	6/11/2014 14:48	ADJ	30.6	28.8	0.2	40.4	0.12	82	12	-0.3	-19.72	---	
SEC1GW04	SEC1GW04	7/15/2014 14:47		40.3	35.2	0.2	24.3	0.07	69	9	-0.7	-29.2	---	No change,,,,,,,
SEC1GW04	SEC1GW04	7/15/2014 14:47	ADJ	40.3	35.2	0.2	24.3	0.06	69	9	-0.7	-29.2	---	
SEC1GW04	SEC1GW04	8/18/2014 12:16		45.5	40.6	0	13.9	0	79	1	-0.7	-29.31	---	No change,,,,,,,
SEC1GW04	SEC1GW04	8/18/2014 12:16	ADJ	45.5	40.6	0	13.9	0.01	79	3	-0.7	-29.31	---	
SEC1GW04	SEC1GW04	9/23/2014 12:39		51.7	41.6	0	6.7	0.07	74	9	-0.6	-28.73	---	No change,Valve barely open,,,,,,
SEC1GW04	SEC1GW04	9/23/2014 12:39	ADJ	51.7	41.6	0	6.7	0.06	74	9	-0.6	-28.73	---	
SEC1GW04	SEC1GW04	10/13/2014 14:18		53.2	41.8	0	5	0	57	---	-0.5	-18.66	---	No change,,,,,,,
SEC1GW04	SEC1GW04	10/13/2014 14:18	ADJ	53.2	41.8	0	5	0	57	2	-0.5	-18.66	---	
SEC1GW04	SEC1GW04	11/20/2014 9:27		48.2	39.3	0.2	12.3	-0.98	33	---	-0.8	-29.48	---	No change,,,,,,,
SEC1GW04	SEC1GW04	11/20/2014 9:27	ADJ	48.2	39.3	0.2	12.3	-0.94	33	---	-0.8	-29.48	---	
SEC1GW04	SEC1GW04	12/16/2014 15:33		51.3	38.9	0	9.8	-1.37	39	---	-1.2	-23.15	---	No change,,,,,,,
SEC1GW04	SEC1GW04	12/16/2014 15:33	ADJ	51.3	38.9	0	9.8	-1.43	38	---	-1.1	-23.15	---	
SEC1GW05	SEC1GW05	1/28/2014 8:52		33.8	29.9	0.3	36	-0.36	57	---	-2.4	-37.67	---	No change,,,,,,,
SEC1GW05	SEC1GW05	1/28/2014 8:52	ADJ	33.8	29.9	0.3	36	-0.34	57	---	-2.4	-37.67	---	
SEC1GW05	SEC1GW05	2/10/2014 12:54		37.4	32.1	0.3	30.2	-0.85	62	---	-2.3	-36.7	---	No change,,,,,,,
SEC1GW05	SEC1GW05	2/10/2014 12:54	ADJ	37.4	32.1	0.3	30.2	-0.87	62	---	-2.3	-36.7	---	
SEC1GW05	SEC1GW05	3/17/2014 8:24		33.1	31.6	0.4	34.9	-1.23	56	---	-2	-27.13	1	No change,,,,,,,
SEC1GW05	SEC1GW05	3/17/2014 8:24	ADJ	33.1	31.6	0.4	34.9	-1.5	56	---	-1.5	-27.13	1	
SEC1GW05	SEC1GW05	4/2/2014 11:16		31.5	31.4	0.3	36.8	-0.84	61	---	-1.8	-25.06	1	No change,,,,,,,
SEC1GW05	SEC1GW05	4/2/2014 11:16	ADJ	31.5	31.4	0.3	36.8	-0.95	61	---	-1.8	-25.06	1	
SEC1GW05	SEC1GW05	5/19/2014 13:00		33.1	32.5	0.3	34.1	-0.37	56	---	-1.6	-24.07	---	No change,,,,,,,
SEC1GW05	SEC1GW05	5/19/2014 13:00	ADJ	33.1	32.5	0.3	34.1	-0.36	56	---	-1.6	-24.07	---	
SEC1GW05	SEC1GW05	6/11/2014 15:10		38.6	32.3	0.2	28.9	0.28	62	20	-0.8	-18.41	---	No change,,,,,,,
SEC1GW05	SEC1GW05	6/11/2014 15:10	ADJ	38.6	32.3	0.2	28.9	0.31	62	21	-0.9	-18.41	---	
SEC1GW05	SEC1GW05	7/15/2014 15:06		36.7	32.9	0.2	30.2	0.3	60	20	-1.9	-29.17	---	No change,,,,,,,
SEC1GW05	SEC1GW05	7/15/2014 15:06	ADJ	36.7	32.9	0.2	30.2	0.39	60	23	-1.9	-29.17	---	
SEC1GW05	SEC1GW05	8/18/2014 12:36		40	36.3	0	23.7	0.15	64	14	-1.4	-29.31	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW05	SEC1GW05	8/18/2014 12:36	ADJ	40	36.3	0	23.7	0.13	63	13	-1.3	-29.31	---	
SEC1GW05	SEC1GW05	9/23/2014 13:40		46.3	37.1	0	16.6	0.38	61	23	-1.6	-32.86	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW05	SEC1GW05	9/23/2014 13:40	ADJ	46.3	37.1	0	16.6	0.12	61	12	-1.4	-32.86	---	
SEC1GW05	SEC1GW05	10/13/2014 14:43		49.5	38.9	0	11.6	0.3	58	20	-1	-29.22	---	No change,,,,,,,
SEC1GW05	SEC1GW05	10/13/2014 14:43	ADJ	49.5	38.9	0	11.6	0.21	58	17	-1	-29.22	---	
SEC1GW05	SEC1GW05	11/20/2014 10:12		42.6	36.5	0	20.9	0.21	54	17	-1.7	-27.53	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW05	SEC1GW05	11/20/2014 10:12	ADJ	42.6	36.5	0	20.9	0.42	54	24	-1.4	-27.53	---	
SEC1GW05	SEC1GW05	12/16/2014 16:00		48	38.4	0	13.6	-0.07	52	---	-1.7	-27.98	---	No change,,,,,,,
SEC1GW05	SEC1GW05	12/16/2014 16:00	ADJ	48	38.4	0	13.6	-0.07	52	---	-1.7	-27.98	---	
SEC1GW06	SEC1GW06	1/29/2014 7:31		52.1	39.2	0.7	8	30.94	62	213	-31.9	-36.33	---	No change,,,,,,,
SEC1GW06	SEC1GW06	1/29/2014 7:31	ADJ	52.1	39.2	0.7	8	30.76	62	212	-31.9	-36.33	---	
SEC1GW06	SEC1GW06	2/10/2014 11:24		47.3	36	0.5	16.2	-1.22	72	---	-0.6	-4.07	---	No change,,,,,,,
SEC1GW06	SEC1GW06	2/10/2014 11:24	ADJ	47.3	36	0.5	16.2	-1.18	72	---	-0.6	-4.07	---	
SEC1GW06	SEC1GW06	3/6/2014 14:25		43.7	35.9	0.2	20.2	-0.17	46	---	-1.1	-26.54	1	No change,,,,,,,
SEC1GW06	SEC1GW06	3/6/2014 14:25	ADJ	43.7	35.9	0.2	20.2	-0.15	46	---	-1.1	-26.54	1	
SEC1GW06	SEC1GW06	4/2/2014 11:07		38.2	34	0.2	27.6	-0.04	67	---	-1.4	-25.28	1	No change,,,,,,,
SEC1GW06	SEC1GW06	4/2/2014 11:07	ADJ	38.2	34	0.2	27.6	-0.04	67	---	-1.4	-25.28	1	
SEC1GW06	SEC1GW06	5/19/2014 12:26		28.4	29	0.7	41.9	0.02	55	4	-3.2	-24.88	---	No change,,,,,,,
SEC1GW06	SEC1GW06	5/19/2014 12:26	ADJ	28.4	29	0.7	41.9	0.02	55	4	-3.2	-24.88	---	
SEC1GW06	SEC1GW06	6/11/2014 14:37		34.1	30.2	0.4	35.3	0.1	83	11	-2.6	-18.76	---	No change,,,,,,,
SEC1GW06	SEC1GW06	6/11/2014 14:37	ADJ	34.1	30.2	0.4	35.3	0.11	83	11	-2.6	-18.76	---	
SEC1GW06	SEC1GW06	7/15/2014 14:38		29	30.5	0.4	40.1	0.08	72	10	-4	-29.64	---	No change,,,,,,,
SEC1GW06	SEC1GW06	7/15/2014 14:38	ADJ	29	30.5	0.4	40.1	0.07	72	9	-4	-29.64	---	
SEC1GW06	SEC1GW06	8/18/2014 12:06		34.3	36.1	0	29.6	0.02	77	5	-3.8	-29	---	No change,,,,,,,
SEC1GW06	SEC1GW06	8/18/2014 12:06	ADJ	34.3	36.1	0	29.6	0.03	77	6	-3.8	-29	---	
SEC1GW06	SEC1GW06	9/23/2014 12:27		39.1	35.8	0	25.1	0.06	77	9	-4	-30.46	---	No change,Valve barely open,,,,,,
SEC1GW06	SEC1GW06	9/23/2014 12:27	ADJ	39.1	35.8	0	25.1	0.07	77	9	-4	-30.46	---	
SEC1GW06	SEC1GW06	10/13/2014 14:02		44.6	38.4	0	17	0	61	1	-3.7	-28.26	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW06	SEC1GW06	10/13/2014 14:02	ADJ	44.6	38.4	0	17	0	61	1	-2.8	-28.26	---	
SEC1GW06	SEC1GW06	11/20/2014 8:46		45.8	39	0.7	14.5	1.2	25	43	-3.8	-31.39	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW06	SEC1GW06	11/20/2014 8:46	ADJ	45.8	39	0.7	14.5	0.42	25	25	-2.5	-31.39	---	
SEC1GW06	SEC1GW06	12/16/2014 15:14		52.6	40.4	0.1	6.9	0.07	43	10	-2.1	-25.26	---	No change,,,,,,,
SEC1GW06	SEC1GW06	12/16/2014 15:14	ADJ	52.6	40.4	0.1	6.9	0.07	41	10	-2.1	-25.26	---	
SEC1GW07	SEC1GW07	1/29/2014 7:28		56.4	43	0.4	0.2	22	60	181	-25.7	-30.43	---	No change,,,,,,,
SEC1GW07	SEC1GW07	1/29/2014 7:28	ADJ	56.4	43	0.4	0.2	21.69	60	179	-25.7	-30.43	---	
SEC1GW07	SEC1GW07	2/10/2014 11:22		58	36.9	1.7	3.4	12.8	64	141	-15.3	-17.9	---	No change,,,,,,,
SEC1GW07	SEC1GW07	2/10/2014 11:22	ADJ	58	36.9	1.7	3.4	12.24	64	138	-15.3	-17.9	---	
SEC1GW07	SEC1GW07	3/17/2014 7:33		40.8	36	0.3	22.9	-3.25	38	---	-3.6	-28.36	1	,,,,,,,
SEC1GW07	SEC1GW07	3/17/2014 7:33	ADJ	40.8	36	0.3	22.9	-3.25	38	---	-3.6	-28.36	1	
SEC1GW07	SEC1GW07	4/2/2014 11:05		36.6	34	0.2	29.2	-2.08	64	---	-3.9	-26.67	1	No change,,,,,,,
SEC1GW07	SEC1GW07	4/2/2014 11:05	ADJ	36.6	34	0.2	29.2	-2.12	64	---	-3.8	-26.67	1	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC1GW07	SEC1GW07	5/19/2014 11:33		36.6	34	0.3	29.1	0.04	55	6	-4.1	-26.32	---	No change,,,,,,,
SEC1GW07	SEC1GW07	5/19/2014 11:33	ADJ	36.6	34	0.3	29.1	0.04	55	7	-4.1	-26.32	---	
SEC1GW07	SEC1GW07	6/11/2014 14:35		43.2	35.9	0.2	20.7	0.09	76	11	-3.2	-18.47	---	No change,,,,,,,
SEC1GW07	SEC1GW07	6/11/2014 14:35	ADJ	43.2	35.9	0.2	20.7	0.1	75	11	-3.2	-18.47	---	
SEC1GW07	SEC1GW07	7/15/2014 14:35		39.1	36.2	0.2	24.5	0.08	67	10	-5.5	-29.79	---	No change,,,,,,,
SEC1GW07	SEC1GW07	7/15/2014 14:35	ADJ	39.1	36.2	0.2	24.5	0.07	67	9	-5.5	-29.79	---	
SEC1GW07	SEC1GW07	8/18/2014 12:04		42.5	39.1	0	18.4	0.02	74	5	-5.3	-29.26	---	No change,,,,,,,
SEC1GW07	SEC1GW07	8/18/2014 12:04	ADJ	42.5	39.1	0	18.4	0.04	73	7	-5.3	-29.26	---	
SEC1GW07	SEC1GW07	9/23/2014 12:25		47.8	40.1	0	12.1	0.06	72	9	-5.6	-30.74	---	No change,Valve barely open,,,,,,
SEC1GW07	SEC1GW07	9/23/2014 12:25	ADJ	47.8	40.1	0	12.1	0.07	71	9	-5.6	-30.74	---	
SEC1GW07	SEC1GW07	10/13/2014 13:58		49.7	40.8	0	9.5	0	58	1	-5.3	-28.31	---	No change,,,,,,,
SEC1GW07	SEC1GW07	10/13/2014 13:58	ADJ	49.7	40.8	0	9.5	0	58	2	-5.3	-28.31	---	
SEC1GW07	SEC1GW07	11/19/2014 18:01		43.7	37.6	1.6	17.1	-0.15	41	---	-5.7	-29.77	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW07	SEC1GW07	11/19/2014 18:01	ADJ	43.7	37.6	1.6	17.1	-0.15	41	---	-5.1	-29.77	---	
SEC1GW07	SEC1GW07	12/16/2014 15:09		56.7	43.1	0.1	0.1	0.06	36	9	-2.1	-24.23	---	No change,,,,,,,
SEC1GW07	SEC1GW07	12/16/2014 15:09	ADJ	56.7	43.1	0.1	0.1	0.08	39	10	-4.5	-24.23	---	
SEC1GW08	SEC1GW08	1/28/2014 8:59		58.3	36.3	0.4	5	-6.31	66	---	-0.7	-1.75	---	No change,,,,,,,
SEC1GW08	SEC1GW08	1/28/2014 8:59	ADJ	58.3	36.3	0.4	5	-5.59	66	---	-0.7	-1.75	---	
SEC1GW08	SEC1GW08	2/10/2014 12:57		62.4	37	0.4	0.2	7.46	30	113	-12.6	-8.95	---	No change,,,,,,,
SEC1GW08	SEC1GW08	2/10/2014 12:57	ADJ	62.4	37	0.4	0.2	7.57	30	114	-12.7	-8.95	---	
SEC1GW08	SEC1GW08	3/17/2014 8:25		50	37.6	0.3	12.1	0.49	53	27	-3.1	-27.98	3	No change,,,,,,,
SEC1GW08	SEC1GW08	3/17/2014 8:25	ADJ	50	37.6	0.3	12.1	0.64	53	31	-3.2	-27.98	3	
SEC1GW08	SEC1GW08	4/2/2014 11:19		44.3	34.2	0.4	21.1	0.33	63	21	-3.5	-26.66	1	No change,,,,,,,
SEC1GW08	SEC1GW08	4/2/2014 11:19	ADJ	44.3	34.2	0.4	21.1	0.42	63	24	-3.5	-26.66	1	
SEC1GW08	SEC1GW08	5/19/2014 12:58		49.8	37.9	0.1	12.2	0.25	57	19	-3.5	-24.26	---	No change,,,,,,,
SEC1GW08	SEC1GW08	5/19/2014 12:58	ADJ	49.8	37.9	0.1	12.2	0.24	57	18	-3.5	-24.26	---	
SEC1GW08	SEC1GW08	6/11/2014 15:13		55.3	37.6	0.2	6.9	0.28	64	20	-2.4	-18.95	---	No change,,,,,,,
SEC1GW08	SEC1GW08	6/11/2014 15:13	ADJ	55.3	37.6	0.2	6.9	0.28	64	20	-2.4	-18.95	---	
SEC1GW08	SEC1GW08	6/27/2014 11:53		53	37.7	0.3	9	0.06	61	9	-3.9	-27.77	---	No change,,,,,,,
SEC1GW08	SEC1GW08	6/27/2014 11:53	ADJ	53	37.7	0.3	9	0.06	61	8	-3.9	-27.77	---	
SEC1GW08	SEC1GW08	7/15/2014 15:09		52.7	38	0.2	9.1	0.28	62	20	-4.1	-29.56	---	No change,,,,,,,
SEC1GW08	SEC1GW08	7/15/2014 15:09	ADJ	52.7	38	0.2	9.1	0.39	62	23	-4.1	-29.56	---	
SEC1GW08	SEC1GW08	8/18/2014 12:39		52.8	40.5	0	6.7	0.18	67	15	-3.4	-30.06	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW08	SEC1GW08	8/18/2014 12:39	ADJ	52.8	40.5	0	6.7	0.17	66	15	-3.2	-30.06	---	
SEC1GW08	SEC1GW08	9/23/2014 13:43		59.2	40	0	0.8	0.26	64	19	-3.4	-33.63	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW08	SEC1GW08	9/23/2014 13:43	ADJ	59.2	40	0	0.8	0.22	64	18	-3.1	-33.63	---	
SEC1GW08	SEC1GW08	10/13/2014 14:46		58.5	41.4	0	0.1	0.11	58	12	-1.9	-28.66	---	Opened valve 1/2 turn or less,,,,,,,
SEC1GW08	SEC1GW08	10/13/2014 14:46	ADJ	58.5	41.4	0	0.1	0.39	58	24	-2.9	-28.66	---	
SEC1GW08	SEC1GW08	11/20/2014 10:16		56.8	40.5	0	2.7	-1.11	53	---	-5	-64.21	---	Opened 1/2 to 1 turn,,,,,,,
SEC1GW08	SEC1GW08	11/20/2014 10:16	ADJ	56.8	40.5	0	2.7	-0.28	54	---	-6	-64.21	---	
SEC1GW08	SEC1GW08	12/16/2014 16:04		55.3	39.6	0.2	4.9	0.06	55	8	-7.3	-25.99	---	Opened valve 1/2 turn or less,,,,,,,
SEC1GW08	SEC1GW08	12/16/2014 16:04	ADJ	55.3	39.6	0.2	4.9	0.47	55	26	-8.2	-25.99	---	
SEC1GW09	SEC1GW09	1/29/2014 7:25		32.5	33.8	0.2	33.5	0.42	60	24	-6	-40.31	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW09	SEC1GW09	1/29/2014 7:25	ADJ	32.5	33.8	0.2	33.5	0.05	60	8	-4.1	-40.31	---	
SEC1GW09	SEC1GW09	2/10/2014 11:18		48	34.2	4.3	13.5	6.07	62	95	-12.7	-14.81	---	No change,,,,,,,
SEC1GW09	SEC1GW09	2/10/2014 11:18	ADJ	48	34.2	4.3	13.5	6.24	62	97	-12.7	-14.81	---	
SEC1GW09	SEC1GW09	3/17/2014 7:29		39.4	33	0.5	27.1	-0.06	46	---	-2.4	-29.16	2	No change,,,,,,,
SEC1GW09	SEC1GW09	3/17/2014 7:29	ADJ	39.4	33	0.5	27.1	-0.07	46	---	-2.5	-29.16	2	
SEC1GW09	SEC1GW09	4/2/2014 11:03		37.1	33.9	0.1	28.9	0.09	61	11	-4.1	-27.37	2	No change,,,,,,,
SEC1GW09	SEC1GW09	4/2/2014 11:03	ADJ	37.1	33.9	0.1	28.9	0.11	61	12	-3.9	-27.37	2	
SEC1GW09	SEC1GW09	5/19/2014 11:31		35	30.9	1.3	32.8	0.06	53	9	-13.2	-26.42	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW09	SEC1GW09	5/19/2014 11:31	ADJ	35	30.9	1.3	32.8	0.08	53	10	-12.6	-26.42	---	
SEC1GW09	SEC1GW09	6/11/2014 14:32		45.2	34.6	0.3	19.9	0.09	70	11	-8.9	-17.96	---	No change,,,,,,,
SEC1GW09	SEC1GW09	6/11/2014 14:32	ADJ	45.2	34.6	0.3	19.9	0.1	70	11	-8.9	-17.96	---	
SEC1GW09	SEC1GW09	7/15/2014 14:33		48.2	39.1	0.2	12.5	0.11	63	12	-7.2	-29.96	---	No change,,,,,,,
SEC1GW09	SEC1GW09	7/15/2014 14:33	ADJ	48.2	39.1	0.2	12.5	0.12	63	12	-7.2	-29.96	---	
SEC1GW09	SEC1GW09	8/18/2014 12:02		47.9	42	0	10.1	0.06	70	8	-5.6	-29.28	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW09	SEC1GW09	8/18/2014 12:02	ADJ	47.9	42	0	10.1	0.03	69	6	-5.5	-29.28	---	
SEC1GW09	SEC1GW09	9/23/2014 12:22		57.4	42.4	0	0.2	0.13	68	13	-6.6	-31.05	---	Opened valve 1/2 turn or less,,,,,,,
SEC1GW09	SEC1GW09	9/23/2014 12:22	ADJ	57.4	42.4	0	0.2	0.14	67	13	-8.4	-31.05	---	
SEC1GW09	SEC1GW09	10/13/2014 13:56		56.2	42.6	0	1.2	0.07	59	10	-7.8	-28.56	---	Opened valve 1/2 turn or less,,,,,,,
SEC1GW09	SEC1GW09	10/13/2014 13:56	ADJ	56.2	42.6	0	1.2	0.17	59	15	-8.8	-28.56	---	
SEC1GW09	SEC1GW09	11/19/2014 17:57		40.7	35.7	3.1	20.5	-0.21	51	---	-9	-30.08	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW09	SEC1GW09	11/19/2014 17:57	ADJ	40.7	35.7	3.1	20.5	-0.25	52	---	-8	-30.08	---	
SEC1GW09	SEC1GW09	12/16/2014 15:00		53.9	41	0.1	5	-0.09	49	---	-8	-25.98	---	No change,,,,,,,
SEC1GW09	SEC1GW09	12/16/2014 15:00	ADJ	53.9	41	0.1	5	-0.06	49	---	-8	-25.98	---	
SEC1GW10	SEC1GW10	1/29/2014 7:12		33.6	25.1	2.1	39.2	0.72	36	33	-3.7	-39.86	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW10	SEC1GW10	1/29/2014 7:12	ADJ	33.6	25.1	2.1	39.2	0.82	36	35	-3.7	-39.86	---	
SEC1GW10	SEC1GW10	2/10/2014 11:06		31.3	27.7	2.3	38.7	0.75	70	32	-4.1	-44.89	---	No change,,,,,,,
SEC1GW10	SEC1GW10	2/10/2014 11:06	ADJ	31.3	27.7	2.3	38.7	0.81	70	33	-4	-44.89	---	
SEC1GW10	SEC1GW10	3/6/2014 13:58		31.1	29.8	1.9	37.2	0.45	83	24	-2.3	-27.85	2	Closed valve 1/2 turn or less,,,,,,,
SEC1GW10	SEC1GW10	3/6/2014 13:58	ADJ	31.1	29.8	1.9	37.2	0.38	82	22	-1.9	-27.85	1	
SEC1GW10	SEC1GW10	4/2/2014 10:58		33.6	31.5	0.9	34	0.28	62	19	-2.6	-25.84	1	No change,,,,,,,
SEC1GW10	SEC1GW10	4/2/2014 10:58	ADJ	33.6	31.5	0.9	34	-0.3	62	19	-2.6	-25.84	1	
SEC1GW10	SEC1GW10	5/19/2014 11:12		30.8	31.5	0.6	37.1	0.46	80	24	-3.3	-34.37	---	No change,,,,,,,
SEC1GW10	SEC1GW10	5/19/2014 11:12	ADJ	30.8	31.5	0.6	37.1	0.25	80	18	-3.3	-34.37	---	
SEC1GW10	SEC1GW10	6/11/2014 14:24		38.6	33.6	0.5	27.3	0.29	87	19	-1.8	-18.92	---	No change,,,,,,,
SEC1GW10	SEC1GW10	6/11/2014 14:24	ADJ	38.6	33.6	0.5	27.3	0.22	87	17	-1.8	-18.92	---	
SEC1GW10	SEC1GW10	7/15/2014 14:25		33.6	32.4	0.8	33.2	0.31	85	20	-3	-30.12	---	No change,,,,,,,
SEC1GW10	SEC1GW10	7/15/2014 14:25	ADJ	33.6	32.4	0.8	33.2	0.46	85	24	-3	-30.12	---	
SEC1GW10	SEC1GW10	8/18/2014 11:53		39.9	37.2	0.3	22.6	0.17	86	14	-2.5	-29.05	---	No change,,,,,,,
SEC1GW10	SEC1GW10	8/18/2014 11:53	ADJ	39.9	37.2	0.3	22.6	0.22	86	17	-2.6	-29.05	---	
SEC1GW10	SEC1GW10	9/23/2014 12:13		41.9	36.7	0.2	21.2	0.39	85	22	-2.8	-30.83	---	Opened valve 1/2 turn or less,Valve barely open,,,,,,
SEC1GW10	SEC1GW10	9/23/2014 12:13	ADJ	41.9	36.7	0.2	21.2	0.3	85	20	-2.8	-30.83	---	
SEC1GW10	SEC1GW10	10/13/2014 13:38		50.8	39.7	0	9.5	0.21	81	17	-2.3	-29.71	---	No change,,,,,,,
SEC1GW10	SEC1GW10	10/13/2014 13:38	ADJ	50.8	39.7	0	9.5	0.35	81	22	-2.3	-29.71	---	
SEC1GW10	SEC1GW10	11/19/2014 17:43		42.4	36.9	1	19.7	-0.02	74	---	-2.9	-28.89	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC1GW10	SEC1GW10	11/19/2014 17:43	ADJ	42.4	36.9	1	19.7	-0.03	74	---	-2.5	-28.89	---	
SEC1GW10	SEC1GW10	12/23/2014 12:57		49.3	39	0.3	11.4	0.26	72	19	-2.1	-26.14	---	No change,,,,,,,
SEC1GW10	SEC1GW10	12/23/2014 12:57	ADJ	49.3	39	0.3	11.4	0.27	72	19	-2.1	-26.14	---	
SEC1GW11	SEC1GW11	1/29/2014 7:17		34.1	30	0.3	35.6	-2.06	54	---	-4.1	-39.19	---	No change,,,,,,,
SEC1GW11	SEC1GW11	1/29/2014 7:17	ADJ	34.1	30	0.3	35.6	-1.97	54	---	-4.1	-39.19	---	
SEC1GW11	SEC1GW11	2/10/2014 11:09		37.8	30.5	0.3	31.4	-2.57	60	---	-4.4	-43.1	---	No change,,,,,,,
SEC1GW11	SEC1GW11	2/10/2014 11:09	ADJ	37.8	30.5	0.3	31.4	-2.51	60	---	-4.4	-43.1	---	
SEC1GW11	SEC1GW11	3/6/2014 14:03		39.9	34.7	0.2	25.2	-1.15	56	---	-2.9	-27.49	2	No change,,,,,,,
SEC1GW11	SEC1GW11	3/6/2014 14:03	ADJ	39.9	34.7	0.2	25.2	-1.15	57	---	-3	-27.49	2	
SEC1GW11	SEC1GW11	4/2/2014 11:00		32.3	31.3	0.3	36.1	0.48	60	26	-3.8	-26.13	1	No change,,,,,,,
SEC1GW11	SEC1GW11	4/2/2014 11:00	ADJ	32.3	31.3	0.3	36.1	0.92	60	36	-3.8	-26.13	1	
SEC1GW11	SEC1GW11	5/19/2014 11:25		33.2	31.7	0.3	34.8	-1	59	---	-4.7	-33.97	---	No change,,,,,,,
SEC1GW11	SEC1GW11	5/19/2014 11:25	ADJ	33.2	31.7	0.3	34.8	-0.95	59	---	-4.8	-33.97	---	
SEC1GW11	SEC1GW11	6/11/2014 14:27		43.6	34.6	0.1	21.7	0.3	65	20	-3	-17.61	---	No change,,,,,,,
SEC1GW11	SEC1GW11	6/11/2014 14:27	ADJ	43.6	34.6	0.1	21.7	0.34	65	22	-3.1	-17.61	---	
SEC1GW11	SEC1GW11	7/15/2014 14:28		40.5	35.7	0.2	23.6	0.41	63	23	-4.8	-29.62	---	No change,,,,,,,
SEC1GW11	SEC1GW11	7/15/2014 14:28	ADJ	40.5	35.7	0.2	23.6	0.38	63	23	-4.8	-29.62	---	
SEC1GW11	SEC1GW11	8/18/2014 11:56		44.3	39.9	0	15.8	0.27	67	19	-4.4	-28.84	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW11	SEC1GW11	8/18/2014 11:56	ADJ	44.3	39.9	0	15.8	0.22	65	17	-4.2	-28.84	---	
SEC1GW11	SEC1GW11	9/23/2014 12:16		51.5	39.9	0	8.6	0.3	65	20	-4.2	-30.69	---	Opened valve 1/2 turn or less,Valve barely open,,,,,,
SEC1GW11	SEC1GW11	9/23/2014 12:16	ADJ	51.5	39.9	0	8.6	0.23	64	18	-4	-30.69	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC1GW11	SEC1GW11	10/13/2014 13:41		57.2	42.2	0	0.6	0.18	60	16	-3.2	-28.75	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW11	SEC1GW11	10/13/2014 13:41	ADJ	57.2	42.2	0	0.6	0.6	60	30	-4.1	-28.75	---	
SEC1GW11	SEC1GW11	11/19/2014 17:46		43.7	37.6	1.3	17.4	-0.35	56	---	-6	-29.27	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW11	SEC1GW11	11/19/2014 17:46	ADJ	43.7	37.6	1.3	17.4	-0.8	56	---	-5.3	-29.27	---	
SEC1GW11	SEC1GW11	12/23/2014 13:00		53.2	39.9	0.2	6.7	0.06	56	9	-4	-26.22	---	No change,,,,,,
SEC1GW11	SEC1GW11	12/23/2014 13:00	ADJ	53.2	39.9	0.2	6.7	0.01	56	3	-4	-26.22	---	
SEC1GW12	SEC1GW12	1/29/2014 7:20		52.1	31.9	0.5	15.5	-1.21	60	---	-0.8	-1.5	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW12	SEC1GW12	1/29/2014 7:20	ADJ	52.1	31.9	0.5	15.5	-1.44	60	---	-0.9	-1.5	---	
SEC1GW12	SEC1GW12	2/10/2014 11:13		55.6	36.3	1.9	6.2	---	60	---	-39.2	-39.52	---	No change,,,,,,
SEC1GW12	SEC1GW12	2/10/2014 11:13	ADJ	55.6	36.3	1.9	6.2	---	60	---	-39.4	-39.52	---	
SEC1GW12	SEC1GW12	3/24/2014 14:32		51	38.4	0.4	10.2	-0.18	54	---	-12.2	-26.29	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW12	SEC1GW12	3/24/2014 14:32	ADJ	51	38.4	0.4	10.2	0.22	54	17	-11.3	-26.29	---	
SEC1GW12	SEC1GW12	4/2/2014 11:02		23.3	29.4	0.7	46.6	-0.06	61	---	-7.4	-27.22	2	Closed valve 1/2 turn or less,,,,,,
SEC1GW12	SEC1GW12	4/2/2014 11:02	ADJ	23.3	29.4	0.7	46.6	-2.59	61	---	-4.4	-27.22	1	
SEC1GW12	SEC1GW12	5/19/2014 11:27		32.1	30.7	0.6	36.6	0.09	54	10	-8.9	-27.78	---	No change,,,,,,
SEC1GW12	SEC1GW12	5/19/2014 11:27	ADJ	32.1	30.7	0.6	36.6	0.01	54	3	-8.9	-27.78	---	
SEC1GW12	SEC1GW12	6/11/2014 14:29		44.4	34.3	0.5	20.8	0.14	72	13	-11.1	-18.39	---	No change,,,,,,
SEC1GW12	SEC1GW12	6/11/2014 14:29	ADJ	44.4	34.3	0.5	20.8	0.06	71	9	-11.1	-18.39	---	
SEC1GW12	SEC1GW12	7/15/2014 14:30		39.5	35.6	0.3	24.6	0.12	64	12	-16.2	-29.91	---	No change,,,,,,
SEC1GW12	SEC1GW12	7/15/2014 14:30	ADJ	39.5	35.6	0.3	24.6	0.09	64	11	-16.2	-29.91	---	
SEC1GW12	SEC1GW12	8/18/2014 11:59		45.1	39.9	0	15	0.03	69	6	-15	-29.25	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW12	SEC1GW12	8/18/2014 11:59	ADJ	45.1	39.9	0	15	0.08	69	9	-14.4	-29.25	---	
SEC1GW12	SEC1GW12	9/23/2014 12:19		48.9	39.6	0	11.5	0.14	69	13	-14.8	-31.24	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW12	SEC1GW12	9/23/2014 12:19	ADJ	48.9	39.6	0	11.5	0.05	69	8	-13.7	-31.24	---	
SEC1GW12	SEC1GW12	10/13/2014 13:44		57.5	42.2	0	0.3	0.05	58	8	-12.2	-28.79	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW12	SEC1GW12	10/13/2014 13:44	ADJ	57.5	42.2	0	0.3	0.02	58	4	-14.3	-28.79	---	
SEC1GW12	SEC1GW12	11/19/2014 17:53		39.3	33.7	4.1	22.9	-0.46	47	---	-15.4	-29.83	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW12	SEC1GW12	11/19/2014 17:53	ADJ	39.3	33.7	4.1	22.9	-0.44	46	---	-13.1	-29.83	---	
SEC1GW12	SEC1GW12	12/16/2014 14:54		52.1	40.3	0	7.6	-0.77	55	---	-4.5	-25.95	---	,,,,,,
SEC1GW12	SEC1GW12	12/16/2014 14:54	ADJ	52.1	40.3	0	7.6	-0.7	55	---	-4.5	-25.95	---	
SEC1GW12	SEC1GW12	12/16/2014 14:57		54.8	40.9	0	4.3	0.04	47	7	-12.5	-25.91	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW12	SEC1GW12	12/16/2014 14:57	ADJ	54.8	40.9	0	4.3	0.29	47	20	-13.2	-25.91	---	
SEC1GW13	SEC1GW13	1/28/2014 9:10		7.5	19.8	2.6	70.1	-9.73	68	---	-0.8	-30.12	---	No change,,,,,,
SEC1GW13	SEC1GW13	1/28/2014 9:10	ADJ	7.5	19.8	2.6	70.1	-8.92	68	---	-0.8	-30.12	---	
SEC1GW13	SEC1GW13	2/12/2014 6:29		23.9	23	1.2	51.9	-8.61	21	---	-0.5	-43.05	---	No change,,,,,,
SEC1GW13	SEC1GW13	2/12/2014 6:29	ADJ	23.9	23	1.2	51.9	-8.77	21	---	-0.5	-43.05	---	
SEC1GW13	SEC1GW13	3/6/2014 13:53		26.2	27.2	0.6	46	-1.92	56	---	-0.1	-28.55	1	No change,,,,,,
SEC1GW13	SEC1GW13	3/6/2014 13:53	ADJ	26.2	27.2	0.6	46	-1.94	51	---	-0.2	-28.55	1	
SEC1GW13	SEC1GW13	4/2/2014 10:56		15.3	23.2	0.9	60.6	0.26	59	18	-1.8	-26.13	1	No change,,,,,,
SEC1GW13	SEC1GW13	4/2/2014 10:56	ADJ	15.3	23.2	0.9	60.6	0.24	59	18	-1.8	-26.13	1	
SEC1GW13	SEC1GW13	5/19/2014 11:08		15.8	23.7	0.8	59.7	0	68	1	-2.8	-36.58	---	No change,,,,,,
SEC1GW13	SEC1GW13	5/19/2014 11:08	ADJ	15.8	23.7	0.8	59.7	0.03	69	5	-2.7	-36.58	---	
SEC1GW13	SEC1GW13	6/11/2014 14:21		28.1	27.8	0.4	43.7	0.09	87	10	-0.9	-20.93	---	No change,,,,,,
SEC1GW13	SEC1GW13	6/11/2014 14:21	ADJ	28.1	27.8	0.4	43.7	0.08	87	10	-0.9	-20.93	---	
SEC1GW13	SEC1GW13	7/15/2014 14:21		19.8	26.4	0.5	53.3	0.05	76	7	-1.9	-30.04	---	No change,,,,,,
SEC1GW13	SEC1GW13	7/15/2014 14:21	ADJ	19.8	26.4	0.5	53.3	0.06	75	8	-1.9	-30.04	---	
SEC1GW13	SEC1GW13	8/18/2014 11:50		32.5	34.5	0	33	0.03	80	5	-1.1	-29.1	---	No change,,,,,,
SEC1GW13	SEC1GW13	8/18/2014 11:50	ADJ	32.5	34.5	0	33	0.02	79	5	-1.1	-29.1	---	
SEC1GW13	SEC1GW13	9/23/2014 12:10		34.8	33.9	0	31.3	0.06	78	8	-2.1	-30.72	---	No change,Valve barely open,,,,,,
SEC1GW13	SEC1GW13	9/23/2014 12:10	ADJ	34.8	33.9	0	31.3	0.06	79	8	-2.1	-30.72	---	
SEC1GW13	SEC1GW13	10/13/2014 13:34		52.2	39.5	0	8.3	-0.01	61	---	-0.5	-30.03	---	No change,,,,,,
SEC1GW13	SEC1GW13	10/13/2014 13:34	ADJ	52.2	39.5	0	8.3	0	62	---	-0.5	-30.03	---	
SEC1GW13	SEC1GW13	11/19/2014 17:38		40.4	35.3	0.7	23.6	-1.52	39	---	-1.5	-28.85	---	No change,Valve barely open,,,,,,
SEC1GW13	SEC1GW13	11/19/2014 17:38	ADJ	40.4	35.3	0.7	23.6	-1.34	40	---	-1.5	-28.85	---	
SEC1GW13	SEC1GW13	12/16/2014 14:28		38.2	35.2	0.1	26.5	-1.08	43	---	-1.6	-26.22	---	No change,Valve barely open,,,,,,
SEC1GW13	SEC1GW13	12/16/2014 14:28	ADJ	38.2	35.2	0.1	26.5	-1.05	42	---	-1.6	-26.22	---	
SEC1GW13	SEC1GW13	12/16/2014 14:49		46.2	38.4	0.2	15.2	0.1	72	11	-2.4	-26.06	---	No change,Valve barely open,,,,,,
SEC1GW13	SEC1GW13	12/16/2014 14:49	ADJ	46.2	38.4	0.2	15.2	0.16	72	14	-2.5	-26.06	---	
SEC1GW14	SEC1GW14	1/29/2014 7:09		33.8	25.8	0.5	39.9	-1.01	34	---	-2.7	-39.51	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW14	SEC1GW14	1/29/2014 7:09	ADJ	33.8	25.8	0.5	39.9	-1.24	34	---	-2.1	-39.51	---	
SEC1GW14	SEC1GW14	2/10/2014 10:59		49.1	32	0.4	18.5	12.42	67	138	-15	-21.9	---	No change,,,,,,
SEC1GW14	SEC1GW14	2/10/2014 10:59	ADJ	49.1	32	0.4	18.5	12.14	67	137	-15	-21.9	---	
SEC1GW14	SEC1GW14	3/6/2014 13:20		53.7	36.4	0.6	9.3	0.16	51	15	-0.3	-29.53	1	No change,,,,,,
SEC1GW14	SEC1GW14	3/6/2014 13:20	ADJ	53.7	36.4	0.6	9.3	0.23	52	18	-0.4	-29.53	1	
SEC1GW14	SEC1GW14	4/2/2014 10:54		31.8	30.7	0.3	37.2	0.22	60	17	-2.4	-26.54	1	No change,,,,,,
SEC1GW14	SEC1GW14	4/2/2014 10:54	ADJ	31.8	30.7	0.3	37.2	0.25	60	18	-2.4	-26.54	1	
SEC1GW14	SEC1GW14	5/19/2014 11:03		33.9	31.8	0.7	33.6	0.08	66	10	-3.1	-36.47	---	No change,,,,,,
SEC1GW14	SEC1GW14	5/19/2014 11:03	ADJ	33.9	31.8	0.7	33.6	0.04	66	7	-3.1	-36.47	---	
SEC1GW14	SEC1GW14	6/11/2014 14:17		44.9	35.2	0.3	19.6	0.11	79	12	-1.4	-17.17	---	No change,,,,,,
SEC1GW14	SEC1GW14	6/11/2014 14:17	ADJ	44.9	35.2	0.3	19.6	0.11	79	12	-1.4	-17.17	---	
SEC1GW14	SEC1GW14	7/15/2014 14:19		38.7	34.3	0.2	26.8	0.12	74	12	-2.6	-30.02	---	No change,,,,,,
SEC1GW14	SEC1GW14	7/15/2014 14:19	ADJ	38.7	34.3	0.2	26.8	0.09	75	11	-2.6	-30.02	---	
SEC1GW14	SEC1GW14	8/18/2014 11:47		42.2	37.8	0	20	0.06	78	8	-1.7	-29.2	---	No change,,,,,,
SEC1GW14	SEC1GW14	8/18/2014 11:47	ADJ	42.2	37.8	0	20	0.06	78	9	-1.7	-29.2	---	
SEC1GW14	SEC1GW14	9/23/2014 12:07		44.4	36.9	0	18.7	0.08	76	10	-2.6	-30.8	---	Opened valve 1/2 turn or less,Valve barely open,,,,,,
SEC1GW14	SEC1GW14	9/23/2014 12:07	ADJ	44.4	36.9	0	18.7	0.12	76	12	-2.5	-30.8	---	
SEC1GW14	SEC1GW14	10/13/2014 13:31		54.3	40.1	0	5.6	0.04	68	7	-0.9	-30.82	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW14	SEC1GW14	10/13/2014 13:31	ADJ	54.3	40.1	0	5.6	0.34	69	22	-1.9	-30.82	---	
SEC1GW14	SEC1GW14	11/19/2014 17:36		44.8	36.4	1.1	17.7	0.04	65	7	-3.8	-28.67	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW14	SEC1GW14	11/19/2014 17:36	ADJ	44.8	36.4	1.1	17.7	-0.14	64	7	-3.3	-28.67	---	
SEC1GW14	SEC1GW14	12/16/2014 14:24		43	37.2	0.1	19.7	0.14	64	14	-2.9	-25.87	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW14	SEC1GW14	12/16/2014 14:24	ADJ	43	37.2	0.1	19.7	0.28	62	19	-2.8	-25.87	---	
SEC1GW15	SEC1GW15	1/29/2014 7:05		53	28.2	0.7	18.1	12.86	32	148	-15.6	-21.99	---	No change,,,,,,
SEC1GW15	SEC1GW15	1/29/2014 7:05	ADJ	53	28.2	0.7	18.1	12.44	32	146	-15.5	-21.99	---	
SEC1GW15	SEC1GW15	2/10/2014 10:56		24	19.3	1.1	55.6	18.32	64	164	-24	-37.3	---	No change,,,,,,
SEC1GW15	SEC1GW15	2/10/2014 10:56	ADJ	24	19.3	1.1	55.6	18.13	64	163	-24	-37.3	---	
SEC1GW15	SEC1GW15	3/6/2014 9:32		29	25.5	0.3	45.2	0.12	42	13	-2.9	-30.71	2	No change,,,,,,
SEC1GW15	SEC1GW15	3/6/2014 9:32	ADJ	29	25.5	0.3	45.2	0.1	42	12	-2.9	-30.71	2	
SEC1GW15	SEC1GW15	4/2/2014 10:52		19.1	22.9	0.4	57.6	-0.24	61	---	-4	-25.65	1	No change,,,,,,
SEC1GW15	SEC1GW15	4/2/2014 10:52	ADJ	19.1	22.9	0.4	57.6	-0.14	61	---	-4	-25.65	1	
SEC1GW15	SEC1GW15	5/19/2014 9:55		19.6	22.6	0.7	57.1	0.07	53	10	-5.3	-34.74	---	No change,,,,,,
SEC1GW15	SEC1GW15	5/19/2014 9:55	ADJ	19.6	22.6	0.7	57.1	0.08	52	10	-5.3	-34.74	---	
SEC1GW15	SEC1GW15	6/11/2014 14:14		24.5	24.1	0.3	51.1	0.08	67	10	-3.3	-20.7	---	No change,,,,,,
SEC1GW15	SEC1GW15	6/11/2014 14:14	ADJ	24.5	24.1	0.3	51.1	0.08	66	10	-3.3	-20.7	---	
SEC1GW15	SEC1GW15	7/15/2014 14:16		25.8	26.7	0.2	47.3	0.09	62	11	-5	-30.2	---	No change,,,,,,
SEC1GW15	SEC1GW15	7/15/2014 14:16	ADJ	25.8	26.7	0.2	47.3	0.09	62	11	-5	-30.2	---	
SEC1GW15	SEC1GW15	8/18/2014 11:45		29.7	30.3	0	40	0.05	68	7	-3.9	-29.32	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW15	SEC1GW15	8/18/2014 11:45	ADJ	29.7	30.3	0	40	0.04	67	7	-3.8	-29.32	---	
SEC1GW15	SEC1GW15	9/23/2014 12:02		35.9	31.1	0	33	0.06	66	8	-4.4	-30.74	---	Opened valve 1/2 turn or less,Valve barely open,,,,,,
SEC1GW15	SEC1GW15	9/23/2014 12:02	ADJ	35.9	31.1	0	33	0.05	65	8	-4.3	-30.74	---	
SEC1GW15	SEC1GW15	10/13/2014 13:27		42.2	33.5	0	24.3	0	54	---	-2.5	-32.24	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC1GW15	SEC1GW15	10/13/2014 13:27	ADJ	42.2	33.5	0	24.3	-0.03	54	---	-2.1	-32.24	---	
SEC1GW15	SEC1GW15	11/19/2014 17:33		52.5	34.1	0.7	12.7	0.09	31	11	-1.5	-28.14	---	No change,,,,,,
SEC1GW15	SEC1GW15	11/19/2014 17:33	ADJ	52.5	34.1	0.7	12.7	0.09	30	12	-1.5	-28.14	---	
SEC1GW15	SEC1GW15	12/16/2014 14:21		34.4	33.3	0.1	32.2	-0.2	40	---	-2.1	-25.04	---	,,,,,,
SEC1GW15	SEC1GW15	12/16/2014 14:21	ADJ	34.4	33.3	0.1	32.2	-0.22	37	---	-2	-25.04	---	
SEC1GW16	SEC1GW16	1/29/2014 7:56		21.7	19.9	1.1	57.3	5.17	30	90	-8.1	-37.89	---	No change,,,,,,
SEC1GW16	SEC1GW16	1/29/2014 7:56	ADJ	21.7	19.9	1.1	57.3	5.01	30	89	-8.1	-37.89	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC1GW16	SEC1GW16	2/10/2014 12:33		28.4	22.6	0.8	48.2	12.07	60	132	-28.6	-36.36	---	No change,,,,,,,
SEC1GW16	SEC1GW16	2/10/2014 12:33	ADJ	28.4	22.6	0.8	48.2	11.1	60	126	-28.5	-36.36	---	
SEC1GW16	SEC1GW16	3/17/2014 7:43		20	21.6	0.4	58	-0.02	32	---	-1.4	-28.4	2	No change,,,,,,,
SEC1GW16	SEC1GW16	3/17/2014 7:43	ADJ	20	21.6	0.4	58	-0.01	34	---	-1.4	-28.4	2	
SEC1GW16	SEC1GW16	4/2/2014 11:22		10.2	21.2	0.9	67.7	-0.05	60	---	-2	-26.61	1	No change,,,,,,,
SEC1GW16	SEC1GW16	4/2/2014 11:22	ADJ	10.2	21.2	0.9	67.7	-0.07	60	---	-1.9	-26.61	1	
SEC1GW16	SEC1GW16	5/19/2014 12:41		6.3	19.3	0.4	74	0.01	51	2	-2.1	-25.02	---	No change,,,,,,,
SEC1GW16	SEC1GW16	5/19/2014 12:41	ADJ	6.3	19.3	0.4	74	0	51	2	-2.1	-25.02	---	
SEC1GW16	SEC1GW16	6/11/2014 14:51		11.6	20.5	0.2	67.7	0.1	77	11	-1.7	-20.89	---	No change,,,,,,,
SEC1GW16	SEC1GW16	6/11/2014 14:51	ADJ	11.6	20.5	0.2	67.7	0.1	77	11	-1.7	-20.89	---	
SEC1GW16	SEC1GW16	7/15/2014 14:50		13.1	23.6	0.3	63	0.08	68	9	-2.8	-29.94	---	No change,,,,,,,
SEC1GW16	SEC1GW16	7/15/2014 14:50	ADJ	13.1	23.6	0.3	63	0.06	67	9	-2.8	-29.94	---	
SEC1GW16	SEC1GW16	8/18/2014 12:19		23.2	29.3	0	47.5	-0.01	78	---	-2.8	-29.34	---	No change,,,,,,,
SEC1GW16	SEC1GW16	8/18/2014 12:19	ADJ	23.2	29.3	0	47.5	-0.01	76	---	-2.8	-29.34	---	
SEC1GW16	SEC1GW16	9/23/2014 12:42		28.4	30.6	0	41	0.06	74	8	-4.2	-30.72	---	No change,Valve barely open,,,,,,
SEC1GW16	SEC1GW16	9/23/2014 12:42	ADJ	28.4	30.6	0	41	0.05	73	8	-4.2	-30.72	---	
SEC1GW16	SEC1GW16	10/13/2014 14:23		41.3	34	0	24.7	0	57	1	-4	-28.69	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW16	SEC1GW16	10/13/2014 14:23	ADJ	41.3	34	0	24.7	-0.01	57	1	-2.8	-28.69	---	
SEC1GW16	SEC1GW16	11/20/2014 9:30		27.8	30.9	0.1	41.2	-0.18	38	---	-4	-28.39	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW16	SEC1GW16	11/20/2014 9:30	ADJ	27.8	30.9	0.1	41.2	-0.2	38	---	-2.8	-28.39	---	
SEC1GW16	SEC1GW16	12/16/2014 15:38		40.5	33	0	26.5	-0.44	43	---	-1.7	-25.72	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC1GW16	SEC1GW16	12/16/2014 15:38	ADJ	40.5	33	0	26.5	-0.46	39	---	-1.6	-25.72	---	
SEC1GW17	SEC1GW17	1/28/2014 8:45		35.6	28.7	0.8	34.9	1.6	52	48	-14	-38.33	---	No change,,,,,,,
SEC1GW17	SEC1GW17	1/28/2014 8:45	ADJ	35.6	28.7	0.8	34.9	1.85	52	52	-14	-38.33	---	
SEC1GW17	SEC1GW17	2/10/2014 12:50		32.3	25.3	2	40.4	1.97	60	53	-13.7	-37.14	---	No change,,,,,,,
SEC1GW17	SEC1GW17	2/10/2014 12:50	ADJ	32.3	25.3	2	40.4	1.88	60	52	-13.7	-37.14	---	
SEC1GW17	SEC1GW17	3/17/2014 8:10		35.1	29.2	0.7	35	1.35	52	44	-10.6	-26.87	10	No change,,,,,,,
SEC1GW17	SEC1GW17	3/17/2014 8:10	ADJ	35.1	29.2	0.7	35	1.16	52	41	-10.5	-26.87	10	
SEC1GW17	SEC1GW17	4/2/2014 11:32		32.4	30	0.8	36.8	1.11	63	39	-11.5	-26.62	1	No change,,,,,,,
SEC1GW17	SEC1GW17	4/2/2014 11:32	ADJ	32.4	30	0.8	36.8	0.69	63	31	-11.4	-26.62	1	
SEC1GW17	SEC1GW17	5/19/2014 12:54		31.6	31.6	0.3	36.5	1.22	53	41	-11.4	-24.49	---	No change,,,,,,,
SEC1GW17	SEC1GW17	5/19/2014 12:54	ADJ	31.6	31.6	0.3	36.5	1.08	54	39	-11.3	-24.49	---	
SEC1GW17	SEC1GW17	6/11/2014 15:07		37.7	31.1	0.3	30.9	0.79	57	33	-8.8	-19.58	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW17	SEC1GW17	6/11/2014 15:07	ADJ	37.7	31.1	0.3	30.9	0.74	57	32	-8.6	-19.58	---	
SEC1GW17	SEC1GW17	7/15/2014 15:03		36.5	32.6	0.2	30.7	1.43	56	45	-12.2	-29.16	---	No change,,,,,,,
SEC1GW17	SEC1GW17	7/15/2014 15:03	ADJ	36.5	32.6	0.2	30.7	1.35	56	44	-12.2	-29.16	---	
SEC1GW17	SEC1GW17	8/18/2014 12:32		38.9	35.7	0	25.4	1.31	60	43	-11.3	-29.03	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW17	SEC1GW17	8/18/2014 12:32	ADJ	38.9	35.7	0	25.4	0.87	59	35	-10.8	-29.03	---	
SEC1GW17	SEC1GW17	9/23/2014 13:36		44.9	35.8	0	19.3	1.15	58	41	-11.1	-31.88	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW17	SEC1GW17	9/23/2014 13:36	ADJ	44.9	35.8	0	19.3	0.49	58	26	-9.4	-31.88	---	
SEC1GW17	SEC1GW17	10/13/2014 14:39		52	38.4	0	9.6	0.55	55	28	-5.7	-29.43	---	No change,,,,,,,
SEC1GW17	SEC1GW17	10/13/2014 14:39	ADJ	52	38.4	0	9.6	0.54	55	28	-5.7	-29.43	---	
SEC1GW17	SEC1GW17	11/20/2014 10:09		50.8	38.8	0	10.4	0.74	51	33	-6.8	-26.99	---	No change,,,,,,,
SEC1GW17	SEC1GW17	11/20/2014 10:09	ADJ	50.8	38.8	0	10.4	0.67	51	31	-6.8	-26.99	---	
SEC1GW17	SEC1GW17	12/16/2014 15:57		49.8	38.6	0.1	11.5	0.96	51	37	-7.4	-28.7	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW17	SEC1GW17	12/16/2014 15:57	ADJ	49.8	38.6	0.1	11.5	0.59	51	29	-7	-28.7	---	
SEC1GW18	SEC1GW18	1/29/2014 8:01		17.8	20.3	2.2	59.7	23.55	30	186	-39	-40.15	---	No change,,,,,,,
SEC1GW18	SEC1GW18	1/29/2014 8:01	ADJ	17.8	20.3	2.2	59.7	19.56	30	170	-32.9	-40.15	---	
SEC1GW18	SEC1GW18	2/10/2014 12:36		15.2	15.9	3.9	65	2.9	70	61	-38	-38.14	---	No change,,,,,,,
SEC1GW18	SEC1GW18	2/10/2014 12:36	ADJ	15.2	15.9	3.9	65	-30.78	70	61	-29.3	-38.14	---	
SEC1GW18	SEC1GW18	3/17/2014 7:49		21.1	22.6	0.4	55.9	0	27	---	-1.8	-28.5	2	No change,,,,,,,
SEC1GW18	SEC1GW18	3/17/2014 7:49	ADJ	21.1	22.6	0.4	55.9	-0.01	27	---	-1.8	-28.5	2	
SEC1GW18	SEC1GW18	4/2/2014 11:24		17.9	23.4	0.5	58.2	-0.1	68	---	-3	-26.66	1	No change,,,,,,,
SEC1GW18	SEC1GW18	4/2/2014 11:24	ADJ	17.9	23.4	0.5	58.2	-0.12	68	---	-3	-26.66	1	
SEC1GW18	SEC1GW18	5/19/2014 12:43		13.7	23.5	0.5	62.3	-0.01	49	---	-3.6	-24.62	---	No change,,,,,,,
SEC1GW18	SEC1GW18	5/19/2014 12:43	ADJ	13.7	23.5	0.5	62.3	0	49	---	-3.6	-24.62	---	
SEC1GW18	SEC1GW18	6/11/2014 14:54		28.9	25.9	0.2	45	0.09	86	10	-2.2	-19.25	---	No change,,,,,,,
SEC1GW18	SEC1GW18	6/11/2014 14:54	ADJ	28.9	25.9	0.2	45	0.09	87	10	-2.2	-19.25	---	
SEC1GW18	SEC1GW18	7/15/2014 14:53		17.7	25.8	0.1	56.4	0.04	73	7	-3.3	-29.57	---	No change,,,,,,,
SEC1GW18	SEC1GW18	7/15/2014 14:53	ADJ	17.7	25.8	0.1	56.4	0.04	73	7	-3.3	-29.57	---	
SEC1GW18	SEC1GW18	8/18/2014 12:22		21.3	28.8	0.1	49.8	-0.02	84	---	-2.6	-28.97	---	No change,,,,,,,
SEC1GW18	SEC1GW18	8/18/2014 12:22	ADJ	21.3	28.8	0.1	49.8	-0.02	84	---	-2.6	-28.97	---	
SEC1GW18	SEC1GW18	9/23/2014 12:45		22.1	28.2	0	49.7	-0.3	79	---	-3	-30.38	---	No change,Valve barely open,,,,,,
SEC1GW18	SEC1GW18	9/23/2014 12:45	ADJ	22.1	28.2	0	49.7	-0.35	79	---	-3	-30.38	---	
SEC1GW18	SEC1GW18	10/13/2014 14:25		33.4	32.5	0	34.1	-0.09	55	---	-1.2	-28.44	---	No change,Valve barely open,,,,,,
SEC1GW18	SEC1GW18	10/13/2014 14:25	ADJ	33.4	32.5	0	34.1	-0.09	55	---	-1.2	-28.44	---	
SEC1GW18	SEC1GW18	11/20/2014 9:34		36.1	33.6	0.9	29.4	-1.87	27	---	-2.1	-31.82	---	No change,Valve barely open,,,,,,
SEC1GW18	SEC1GW18	11/20/2014 9:34	ADJ	36.1	33.6	0.9	29.4	-2.1	26	---	-2.1	-31.82	---	
SEC1GW18	SEC1GW18	12/16/2014 15:43		37	34.6	0.4	28	-0.07	35	---	-2.4	-25.64	---	No change,Valve barely open,,,,,,
SEC1GW18	SEC1GW18	12/16/2014 15:43	ADJ	37	34.6	0.4	28	-0.34	33	---	-2.4	-25.64	---	
SEC1GW19	SEC1GW19	1/28/2014 8:27		42.3	28.3	0.9	28.5	21.87	68	177	-39.1	-37.46	---	No change,,,,,,,
SEC1GW19	SEC1GW19	1/28/2014 8:27	ADJ	42.3	28.3	0.9	28.5	22.18	68	179	-39.2	-37.46	---	
SEC1GW19	SEC1GW19	2/10/2014 12:40		49.3	23.9	2.3	24.5	---	74	---	-37.5	-36.85	---	No change,,,,,,,
SEC1GW19	SEC1GW19	2/10/2014 12:40	ADJ	49.3	23.9	2.3	24.5	---	74	---	-37.5	-36.85	---	
SEC1GW19	SEC1GW19	3/17/2014 7:54		36.5	31.4	0.3	31.8	-4.78	31	---	-2	-28.9	2	No change,,,,,,,
SEC1GW19	SEC1GW19	3/17/2014 7:54	ADJ	36.5	31.4	0.3	31.8	-4.79	31	---	-2	-28.9	2	
SEC1GW19	SEC1GW19	4/2/2014 11:26		34.4	30.8	0.5	34.3	-2.75	70	---	-4.1	-26.84	1	No change,,,,,,,
SEC1GW19	SEC1GW19	4/2/2014 11:26	ADJ	34.4	30.8	0.5	34.3	-2.74	70	---	-4.1	-26.84	1	
SEC1GW19	SEC1GW19	5/19/2014 12:46		48	35.2	0.3	16.5	-0.45	48	---	-4.9	-25.23	---	No change,,,,,,,
SEC1GW19	SEC1GW19	5/19/2014 12:46	ADJ	48	35.2	0.3	16.5	-0.44	48	---	-4.9	-25.23	---	
SEC1GW19	SEC1GW19	6/11/2014 14:57		49.7	34.5	0.2	15.6	0.09	79	11	-3.2	-20.41	---	No change,,,,,,,
SEC1GW19	SEC1GW19	6/11/2014 14:57	ADJ	49.7	34.5	0.2	15.6	0.09	78	11	-3.2	-20.41	---	
SEC1GW19	SEC1GW19	7/15/2014 14:56		53.3	37.1	0.2	9.4	0.05	70	8	-6.5	-30.05	---	No change,,,,,,,
SEC1GW19	SEC1GW19	7/15/2014 14:56	ADJ	53.3	37.1	0.2	9.4	0.04	69	7	-6.5	-30.05	---	
SEC1GW19	SEC1GW19	8/18/2014 12:24		42.4	36.2	0	21.4	-0.03	84	---	-4.3	-29.44	---	No change,,,,,,,
SEC1GW19	SEC1GW19	8/18/2014 12:24	ADJ	42.4	36.2	0	21.4	-0.02	83	---	-4.3	-29.44	---	
SEC1GW19	SEC1GW19	9/23/2014 12:48		57.6	39.4	0	3	0.05	76	8	-6.4	-30.43	---	Opened valve 1/2 turn or less,,,,,,,
SEC1GW19	SEC1GW19	9/23/2014 12:48	ADJ	57.6	39.4	0	3	0.07	71	9	-8.3	-30.43	---	
SEC1GW19	SEC1GW19	10/13/2014 14:29		47.4	37.8	0	14.8	-0.01	54	---	-14.3	-28.87	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW19	SEC1GW19	10/13/2014 14:29	ADJ	47.4	37.8	0	14.8	-0.02	54	---	-12.9	-28.87	---	
SEC1GW19	SEC1GW19	11/20/2014 9:38		58.9	39.3	0	1.8	0	35	---	-7.2	-31.48	---	Opened valve 1/2 turn or less,,,,,,,
SEC1GW19	SEC1GW19	11/20/2014 9:38	ADJ	58.9	39.3	0	1.8	0.02	36	5	-8.1	-31.48	---	
SEC1GW19	SEC1GW19	12/16/2014 15:46		49.8	37.8	0	12.4	-0.47	41	---	-12.3	-26.01	---	No change,,,,,,,
SEC1GW19	SEC1GW19	12/16/2014 15:46	ADJ	49.8	37.8	0	12.4	-0.52	40	---	-12	-26.01	---	
SEC1GW20	SEC1GW20	1/28/2014 8:39		59.5	34.6	0.4	5.5	-12.83	65	---	-0.8	-8.73	---	No change,,,,,,,
SEC1GW20	SEC1GW20	1/28/2014 8:39	ADJ	59.5	34.6	0.4	5.5	-13.6	65	---	-0.8	-8.73	---	
SEC1GW20	SEC1GW20	2/10/2014 12:47		48.1	30.3	0.3	21.3	-0.34	58	---	-2.6	-38.46	---	No change,,,,,,,
SEC1GW20	SEC1GW20	2/10/2014 12:47	ADJ	48.1	30.3	0.3	21.3	-0.32	58	---	-2.7	-38.46	---	
SEC1GW20	SEC1GW20	3/17/2014 8:05		36.5	31.3	0.6	31.6	-0.8	49	---	-2.5	-28.09	3	No change,,,,,,,
SEC1GW20	SEC1GW20	3/17/2014 8:05	ADJ	36.5	31.3	0.6	31.6	-0.82	49	---	-2.5	-28.09	3	
SEC1GW20	SEC1GW20	4/2/2014 11:30		29.8	29.6	0.5	40.1	0.19	61	16	-4	-27.96	1	No change,,,,,,,
SEC1GW20	SEC1GW20	4/2/2014 11:30	ADJ	29.8	29.6	0.5	40.1	0.07	61	9	-3.8	-27.96	1	
SEC1GW20	SEC1GW20	5/19/2014 12:51		28.3	30	0.1	41.6	0.08	53	10	-3.5	-25.46	---	No change,,,,,,,
SEC1GW20	SEC1GW20	5/19/2014 12:51	ADJ	28.3	30	0.1	41.6	0.12	53	12	-3.5	-25.46	---	
SEC1GW20	SEC1GW20	6/11/2014 15:04		34.5	29.8	0.2	35.5	0.19	66	16	-2.1	-20.49	---	No change,,,,,,,
SEC1GW20	SEC1GW20	6/11/2014 15:04	ADJ	34.5	29.8	0.2	35.5	0.22	65	17	-2.1	-20.49	---	
SEC1GW20	SEC1GW20	7/15/2014 15:01		34.1	30.7	0.2	35	0.19	61	16	-3.7	-30.17	---	No change,,,,,,,
SEC1GW20	SEC1GW20	7/15/2014 15:01	ADJ	34.1	30.7	0.2	35	0.18	61	15	-3.8	-30.17	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC1GW20	SEC1GW20	8/18/2014 12:29		38.2	33.7	0	28.1	0.16	70	14	-2.4	-29.7	---	No change,,,,,,,
SEC1GW20	SEC1GW20	8/18/2014 12:29	ADJ	38.2	33.7	0	28.1	0.16	68	15	-2.4	-29.7	---	
SEC1GW20	SEC1GW20	9/23/2014 13:33		42	33.4	0	24.6	0.2	64	16	-3.1	-30.74	---	No change,Valve barely open,,,,,,
SEC1GW20	SEC1GW20	9/23/2014 13:33	ADJ	42	33.4	0	24.6	0.1	64	11	-3.1	-30.74	---	
SEC1GW20	SEC1GW20	10/13/2014 14:36		47.5	36.4	0	16.1	0.06	56	9	-1.8	-29.57	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW20	SEC1GW20	10/13/2014 14:36	ADJ	47.5	36.4	0	16.1	0.03	56	6	-1.7	-29.57	---	
SEC1GW20	SEC1GW20	11/20/2014 10:05		57.3	37.9	0	4.8	-0.16	43	---	-2.1	-25.87	---	Opened 1/2 to 1 turn,,,,,,,
SEC1GW20	SEC1GW20	11/20/2014 10:05	ADJ	57.3	37.9	0	4.8	0.38	46	24	-2.5	-25.87	---	
SEC1GW20	SEC1GW20	12/16/2014 15:54		43.2	36.9	0.1	19.8	0.26	50	19	-4.9	-27.55	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW20	SEC1GW20	12/16/2014 15:54	ADJ	43.2	36.9	0.1	19.8	-0.08	49	19	-4.4	-27.55	---	
SEC1GW21	SEC1GW21	1/28/2014 8:32		54.8	31.3	0.5	13.4	-5.1	69	---	-0.8	-15.46	---	No change,,,,,,,
SEC1GW21	SEC1GW21	1/28/2014 8:32	ADJ	54.8	31.3	0.5	13.4	-5.25	69	---	-0.8	-15.46	---	
SEC1GW21	SEC1GW21	2/10/2014 12:43		53.6	29.4	2.6	14.4	27.06	72	203	-30.2	-30.37	---	No change,,,,,,,
SEC1GW21	SEC1GW21	2/10/2014 12:43	ADJ	53.6	29.4	2.6	14.4	26.8	72	202	-30.2	-30.37	---	
SEC1GW21	SEC1GW21	3/18/2014 7:54		40.9	32.2	0.8	26.1	-1.97	49	---	-12.6	-28.81	3	Closed valve 1/2 turn or less,,,,,,,
SEC1GW21	SEC1GW21	3/18/2014 7:54	ADJ	40.9	32.2	0.8	26.1	-2.53	49	---	-11.3	-28.81	3	
SEC1GW21	SEC1GW21	4/2/2014 11:28		28.3	29.8	0.6	41.3	-0.23	70	---	-8.4	-27.58	5	Closed valve 1/2 turn or less,,,,,,,
SEC1GW21	SEC1GW21	4/2/2014 11:28	ADJ	28.3	29.8	0.6	41.3	-0.21	70	---	-7.7	-27.58	3	
SEC1GW21	SEC1GW21	5/19/2014 12:48		36.4	31.5	0.4	31.7	0.02	50	5	-6.2	-25.11	---	No change,,,,,,,
SEC1GW21	SEC1GW21	5/19/2014 12:48	ADJ	36.4	31.5	0.4	31.7	0.02	50	4	-6.2	-25.11	---	
SEC1GW21	SEC1GW21	6/11/2014 15:00		43.1	32	0.3	24.6	0.09	69	11	-4.5	-20.44	---	No change,,,,,,,
SEC1GW21	SEC1GW21	6/11/2014 15:00	ADJ	43.1	32	0.3	24.6	0.13	67	13	-4.5	-20.44	---	
SEC1GW21	SEC1GW21	7/15/2014 14:58		38.5	32.3	0.3	28.9	0.09	64	10	-7.1	-30.07	---	No change,,,,,,,
SEC1GW21	SEC1GW21	7/15/2014 14:58	ADJ	38.5	32.3	0.3	28.9	0.08	63	10	-7.1	-30.07	---	
SEC1GW21	SEC1GW21	8/18/2014 12:27		38.7	34	0	27.3	0.06	73	9	-5.9	-29.43	---	No change,,,,,,,
SEC1GW21	SEC1GW21	8/18/2014 12:27	ADJ	38.7	34	0	27.3	0	72	1	-5.9	-29.43	---	
SEC1GW21	SEC1GW21	9/23/2014 12:51		46.9	34.2	0	18.9	0.13	67	13	-6.5	-30.41	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC1GW21	SEC1GW21	9/23/2014 12:51	ADJ	46.9	34.2	0	18.9	0.08	66	10	-6.3	-30.41	---	
SEC1GW21	SEC1GW21	10/13/2014 14:32		49.6	35.8	0	14.6	0.02	55	4	-4.6	-28.89	---	No change,,,,,,,
SEC1GW21	SEC1GW21	10/13/2014 14:32	ADJ	49.6	35.8	0	14.6	0.03	55	6	-4.6	-28.89	---	
SEC1GW21	SEC1GW21	11/20/2014 9:42		60.3	37.9	0.2	1.6	0.02	44	5	-5.7	-31.24	---	Opened 1/2 to 1 turn,,,,,,,
SEC1GW21	SEC1GW21	11/20/2014 9:42	ADJ	60.3	37.9	0.2	1.6	0.07	45	10	-6.8	-31.24	---	
SEC1GW21	SEC1GW21	12/16/2014 15:50		37.1	35.5	0.1	27.3	-0.2	46	---	-9.6	-26.25	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW21	SEC1GW21	12/16/2014 15:50	ADJ	37.1	35.5	0.1	27.3	-0.56	45	---	-9	-26.25	---	
SEC1GW22	SEC1GW22	1/29/2014 7:02		57.2	36.5	0.2	6.1	-3.66	25	---	-1.2	-9.44	---	No change,,,,,,,
SEC1GW22	SEC1GW22	1/29/2014 7:02	ADJ	57.2	36.5	0.2	6.1	-4.25	25	---	-1.2	-9.44	---	
SEC1GW22	SEC1GW22	2/12/2014 7:26		56.4	32.1	0.4	11.1	0.37	48	24	-5	-39.84	---	No change,,,,,,,
SEC1GW22	SEC1GW22	2/12/2014 7:26	ADJ	56.4	32.1	0.4	11.1	0.29	48	21	-5	-39.84	---	
SEC1GW22	SEC1GW22	3/6/2014 9:28		40.7	32.2	0.2	26.9	-5.08	28	---	-0.3	-4.16	1	No change,,,,,,,
SEC1GW22	SEC1GW22	3/6/2014 9:28	ADJ	40.7	32.2	0.2	26.9	-5.28	28	---	-0.2	-4.16	1	
SEC1GW22	SEC1GW22	4/2/2014 10:49		20.6	23.6	0.6	55.2	0.1	60	11	-4.4	-24.96	5	Closed valve 1/2 turn or less,,,,,,,
SEC1GW22	SEC1GW22	4/2/2014 10:49	ADJ	20.6	23.6	0.6	55.2	-0.05	60	11	-4.2	-24.96	2	
SEC1GW22	SEC1GW22	5/19/2014 9:51		20.6	24.9	0.5	54	0.26	57	18	-4.3	-34.13	---	No change,,,,,,,
SEC1GW22	SEC1GW22	5/19/2014 9:51	ADJ	20.6	24.9	0.5	54	0.13	57	13	-4.2	-34.13	---	
SEC1GW22	SEC1GW22	6/11/2014 14:11		26.3	26.3	0.3	47.1	0.14	68	13	-2.6	-19.48	---	No change,,,,,,,
SEC1GW22	SEC1GW22	6/11/2014 14:11	ADJ	26.3	26.3	0.3	47.1	0.16	67	14	-2.7	-19.48	---	
SEC1GW22	SEC1GW22	7/15/2014 14:13		25.1	27.1	0.2	47.6	0.15	63	14	-4.1	-30.36	---	No change,,,,,,,
SEC1GW22	SEC1GW22	7/15/2014 14:13	ADJ	25.1	27.1	0.2	47.6	0.2	62	16	-4.1	-30.36	---	
SEC1GW22	SEC1GW22	8/18/2014 11:39		29.8	30.5	0	39.7	0.08	66	10	-3.2	-29.16	---	No change,,,,,,,
SEC1GW22	SEC1GW22	8/18/2014 11:39	ADJ	29.8	30.5	0	39.7	0.07	66	9	-3	-29.16	---	
SEC1GW22	SEC1GW22	9/23/2014 11:59		34.3	30.1	0.1	35.5	0.1	67	11	-3.1	-30.62	---	No change,Valve barely open,,,,,,
SEC1GW22	SEC1GW22	9/23/2014 11:59	ADJ	34.3	30.1	0.1	35.5	0.12	66	13	-3.1	-30.62	---	
SEC1GW22	SEC1GW22	10/13/2014 13:23		39.4	32.2	0	28.4	0.04	57	7	-2.6	-31.65	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC1GW22	SEC1GW22	10/13/2014 13:23	ADJ	39.4	32.2	0	28.4	-0.01	57	7	-2.3	-31.65	---	
SEC1GW22	SEC1GW22	11/19/2014 17:29		55.3	34.4	0.5	9.8	-0.72	42	---	-1.1	-28.28	---	Opened valve 1/2 turn or less,,,,,,,
SEC1GW22	SEC1GW22	11/19/2014 17:29	ADJ	55.3	34.4	0.5	9.8	-0.27	44	---	-1.6	-28.28	---	
SEC1GW22	SEC1GW22	12/16/2014 14:16		25.7	29.4	0.8	44.1	-0.28	50	---	-3.9	-25.38	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW22	SEC1GW22	12/16/2014 14:16	ADJ	25.7	29.4	0.8	44.1	-0.26	49	---	-3.7	-25.38	---	
SEC1GW23	SEC1GW23	1/29/2014 6:53		56.5	27.5	0.6	15.4	-10.03	23	---	-2.8	-6.01	---	No change,,,,,,,
SEC1GW23	SEC1GW23	1/29/2014 6:53	ADJ	56.5	27.5	0.6	15.4	-10.29	23	---	-2.7	-6.01	---	
SEC1GW23	SEC1GW23	2/10/2014 10:46		50.5	28.5	0.5	20.5	3.82	20	81	-7.3	-13.45	---	No change,,,,,,,
SEC1GW23	SEC1GW23	2/10/2014 10:46	ADJ	50.5	28.5	0.5	20.5	3.82	20	81	-7.3	-13.45	---	
SEC1GW23	SEC1GW23	3/6/2014 9:23		35.4	30.2	0.3	34.1	-0.66	52	---	-0.6	-29.38	1	No change,,,,,,,
SEC1GW23	SEC1GW23	3/6/2014 9:23	ADJ	35.4	30.2	0.3	34.1	-0.67	52	---	-0.6	-29.38	1	
SEC1GW23	SEC1GW23	4/2/2014 10:46		8.6	19.6	1.6	70.2	0.35	60	21	-2.9	-24.18	2	Closed valve 1/2 turn or less,,,,,,,
SEC1GW23	SEC1GW23	4/2/2014 10:46	ADJ	8.6	19.6	1.6	70.2	0.16	60	14	-2.7	-24.18	1	
SEC1GW23	SEC1GW23	5/19/2014 9:47		5.3	18	2.4	74.3	-0.16	72	---	-2.4	-2.4	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW23	SEC1GW23	5/19/2014 9:47	ADJ	5.3	18	2.4	74.3	-0.2	72	---	-2.3	-2.4	---	
SEC1GW23	SEC1GW23	6/11/2014 14:08		10.9	20.3	1.5	67.3	0.07	81	9	-1.3	-20.52	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW23	SEC1GW23	6/11/2014 14:08	ADJ	10.9	20.3	1.5	67.3	0.07	81	9	-1.2	-20.52	---	
SEC1GW23	SEC1GW23	7/15/2014 14:10		9.4	19.6	2.9	68.1	0.06	76	8	-2.1	-29.95	---	No change,,,,,,,
SEC1GW23	SEC1GW23	7/15/2014 14:10	ADJ	9.4	19.6	2.9	68.1	0.05	76	8	-2.1	-29.95	---	
SEC1GW23	SEC1GW23	8/18/2014 11:37		15.1	25	1.3	58.6	0.03	81	6	-1.1	-28.64	---	No change,,,,,,,
SEC1GW23	SEC1GW23	8/18/2014 11:37	ADJ	15.1	25	1.3	58.6	0.02	81	4	-1.1	-28.64	---	
SEC1GW23	SEC1GW23	9/23/2014 11:57		21.3	26.6	1.3	50.8	0.07	77	9	-1.4	-30.29	---	No change,Valve barely open,,,,,,
SEC1GW23	SEC1GW23	9/23/2014 11:57	ADJ	21.3	26.6	1.3	50.8	0.05	77	7	-1.4	-30.29	---	
SEC1GW23	SEC1GW23	10/13/2014 13:19		23.5	28.6	0.1	47.8	-0.02	62	---	-1	-30.43	---	No change,Valve barely open,,,,,,
SEC1GW23	SEC1GW23	10/13/2014 13:19	ADJ	23.5	28.6	0.1	47.8	-0.01	63	---	-1	-30.43	---	
SEC1GW23	SEC1GW23	11/19/2014 17:25		49.2	34.7	0.5	15.6	-1.94	39	---	-0.8	-28.55	---	No change,Valve barely open,,,,,,
SEC1GW23	SEC1GW23	11/19/2014 17:25	ADJ	49.2	34.7	0.5	15.6	-2.04	39	---	-0.8	-28.55	---	
SEC1GW23	SEC1GW23	12/16/2014 14:06		10.7	22.2	3.4	63.7	-1.08	47	---	-2.4	-24.77	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW23	SEC1GW23	12/16/2014 14:06	ADJ	10.7	22.2	3.4	63.7	-1.18	42	---	-2.3	-24.77	---	
SEC1GW24	SEC1GW24	1/29/2014 6:48		47.6	30.6	1.4	20.4	9.66	29	125	-22.1	-32.56	---	No change,,,,,,,
SEC1GW24	SEC1GW24	1/29/2014 6:48	ADJ	47.6	30.6	1.4	20.4	9.04	25	122	-22	-32.56	---	
SEC1GW24	SEC1GW24	2/10/2014 10:43		49	30.1	1	19.9	-7.54	52	---	-7.4	-32.88	---	No change,,,,,,,
SEC1GW24	SEC1GW24	2/10/2014 10:43	ADJ	49	30.1	1	19.9	-8.35	52	---	-7.3	-32.88	---	
SEC1GW24	SEC1GW24	3/6/2014 9:19		40	33.4	0.2	26.4	-0.63	45	---	-0.4	-29.69	1	No change,,,,,,,
SEC1GW24	SEC1GW24	3/6/2014 9:19	ADJ	40	33.4	0.2	26.4	-0.63	45	---	-0.4	-29.69	1	
SEC1GW24	SEC1GW24	4/2/2014 10:44		18.4	22.8	0.6	58.2	0	55	---	-2.8	-25.9	2	Closed valve 1/2 turn or less,,,,,,,
SEC1GW24	SEC1GW24	4/2/2014 10:44	ADJ	18.4	22.8	0.6	58.2	-0.02	55	---	-2.8	-25.9	1	
SEC1GW24	SEC1GW24	5/19/2014 9:42		16.8	24.2	0.4	58.6	0.04	62	6	-2.5	-29.04	---	No change,,,,,,,
SEC1GW24	SEC1GW24	5/19/2014 9:42	ADJ	16.8	24.2	0.4	58.6	0.03	61	6	-2.5	-29.04	---	
SEC1GW24	SEC1GW24	6/11/2014 14:03		25.2	26.5	0.4	47.9	0.07	83	9	-1.3	-20.43	---	No change,,,,,,,
SEC1GW24	SEC1GW24	6/11/2014 14:03	ADJ	25.2	26.5	0.4	47.9	0.06	83	9	-1.3	-20.43	---	
SEC1GW24	SEC1GW24	7/15/2014 14:05		25.3	27.7	0.2	46.8	0.06	70	8	-2.7	-30.08	---	No change,,,,,,,
SEC1GW24	SEC1GW24	7/15/2014 14:05	ADJ	25.3	27.7	0.2	46.8	0.06	70	8	-2.7	-30.08	---	
SEC1GW24	SEC1GW24	8/18/2014 11:34		33.6	31.5	0.2	34.7	0.01	78	2	-1.6	-28.46	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW24	SEC1GW24	8/18/2014 11:34	ADJ	33.6	31.5	0.2	34.7	0	79	2	-1.5	-28.46	---	
SEC1GW24	SEC1GW24	9/23/2014 11:53		35.9	33	0.2	30.9	0.05	78	8	-2.1	-30.73	---	No change,Valve barely open,,,,,,
SEC1GW24	SEC1GW24	9/23/2014 11:53	ADJ	35.9	33	0.2	30.9	0.05	78	8	-2.1	-30.73	---	
SEC1GW24	SEC1GW24	10/13/2014 13:15		42.5	35	0.1	22.4	-0.02	58	---	-1.2	-30.34	---	No change,Valve barely open,,,,,,
SEC1GW24	SEC1GW24	10/13/2014 13:15	ADJ	42.5	35	0.1	22.4	-0.02	58	---	-1.2	-30.34	---	
SEC1GW24	SEC1GW24	11/20/2014 10:00		60.1	39.3	0.1	0.5	0.07	44	10	-2.4	-28.87	---	Opened 1/2 to 1 turn,,,,,,,
SEC1GW24	SEC1GW24	11/20/2014 10:00	ADJ	60.1	39.3	0.1	0.5	0.25	47	19	-3.1	-28.87	---	
SEC1GW24	SEC1GW24	12/16/2014 6:20		22.7	28.9	0.1	48.3	-0.42	58	---	-6	-24.01	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW24	SEC1GW24	12/16/2014 6:20	ADJ	22.7	28.9	0.1	48.3	-1.04	57	---	-5.3	-24.01	---	
SEC2GW01	SEC2GW01	1/30/2014 9:26		45.6	32.6	0.8	21	0.14	105	23	-20.3	-57.2	---	Closed valve 1/2 turn or less,,,,,,,
SEC2GW01	SEC2GW01	1/30/2014 9:26	ADJ	45.6	32.6	0.8	21	0	105	1	-17.1	-57.2	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2GW01	SEC2GW01	2/13/2014 11:03		52.6	35.6	0.5	11.3	0.15	111	24	-14.1	-58.03	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW01	SEC2GW01	2/13/2014 11:03	ADJ	52.6	35.6	0.5	11.3	0.03	112	10	-15.3	-58.03	---	
SEC2GW01	SEC2GW01	3/17/2014 9:07		50	33.1	0.6	16.3	0.37	112	38	-16.8	-58.57	30	No change,,,,,,
SEC2GW01	SEC2GW01	3/17/2014 9:07	ADJ	50	33.1	0.6	16.3	0.33	112	36	-16.8	-58.57	30	
SEC2GW01	SEC2GW01	4/1/2014 8:25		52.6	34.6	0.6	12.2	0.34	109	37	-15.9	-52.12	25	No change,,,,,,
SEC2GW01	SEC2GW01	4/1/2014 8:25	ADJ	52.6	34.6	0.6	12.2	0.45	110	43	-15.8	-52.12	25	
SEC2GW01	SEC2GW01	5/14/2014 10:01		51.2	34.9	0.1	13.8	0.36	107	37	-17.5	-59.49	---	No change,,,,,,
SEC2GW01	SEC2GW01	5/14/2014 10:01	ADJ	51.2	34.9	0.1	13.8	0.16	108	24	-17.5	-59.49	---	
SEC2GW01	SEC2GW01	6/10/2014 8:52		45	33.8	0.9	20.3	1	108	63	-19.1	-59.57	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW01	SEC2GW01	6/10/2014 8:52	ADJ	45	33.8	0.9	20.3	0.82	108	57	-18.1	-59.57	---	
SEC2GW01	SEC2GW01	7/16/2014 9:38		48.4	34.3	0.7	16.6	0.2	105	28	-16.5	-59.6	---	Closed valve 1/2 turn or less,,,,,,
SEC2GW01	SEC2GW01	7/16/2014 9:38	ADJ	48.4	34.3	0.7	16.6	0.21	106	28	-15.9	-59.6	---	
SEC2GW01	SEC2GW01	8/12/2014 6:59		49.2	35.4	0.7	14.7	0.13	103	22	-13.5	-59.75	---	Closed valve 1/2 turn or less,,,,,,
SEC2GW01	SEC2GW01	8/12/2014 6:59	ADJ	49.2	35.4	0.7	14.7	-0.04	103	22	-12.9	-59.75	---	
SEC2GW01	SEC2GW01	9/22/2014 6:54		57.5	38.1	0.2	4.2	1.46	100	79	-12.8	-58.49	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW01	SEC2GW01	9/22/2014 6:54	ADJ	57.5	38.1	0.2	4.2	1.35	101	75	-14.5	-58.49	---	
SEC2GW01	SEC2GW01	10/9/2014 7:26		54.8	36.6	0.6	8	0.12	97	22	-13	-58.57	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW01	SEC2GW01	10/9/2014 7:26	ADJ	54.8	36.6	0.6	8	0.13	98	23	-14.9	-58.57	---	
SEC2GW01	SEC2GW01	11/20/2014 11:06		48.6	34.2	0.7	16.5	0.12	92	22	-15.8	-58.18	---	Closed valve 1/2 turn or less,,,,,,
SEC2GW01	SEC2GW01	11/20/2014 11:06	ADJ	48.6	34.2	0.7	16.5	0.14	94	24	-15.2	-58.18	---	
SEC2GW01	SEC2GW01	12/20/2014 10:00		47.7	34.5	0.2	17.6	0.08	94	17	-18.3	-56.72	---	Closed valve 1/2 turn or less,,,,,,
SEC2GW01	SEC2GW01	12/20/2014 10:00	ADJ	47.7	34.5	0.2	17.6	-0.49	94	17	-17.3	-56.72	---	
SEC2GW02	SEC2GW02	1/30/2014 9:22		58	38.5	1.6	1.9	-0.28	70	---	-57.5	-57.57	---	No change,,,,,,
SEC2GW02	SEC2GW02	1/30/2014 9:22	ADJ	58	38.5	1.6	1.9	-0.26	70	---	-57.5	-57.57	---	
SEC2GW02	SEC2GW02	2/13/2014 10:58		59.2	36.6	1.9	2.3	-0.03	96	---	-58	-58.48	---	No change,,,,,,
SEC2GW02	SEC2GW02	2/13/2014 10:58	ADJ	59.2	36.6	1.9	2.3	-0.04	96	---	-58.1	-58.48	---	
SEC2GW02	SEC2GW02	3/17/2014 9:13		60.2	38.3	1.1	0.4	-0.11	95	---	-59	-59.09	99	No change,,,,,,
SEC2GW02	SEC2GW02	3/17/2014 9:13	ADJ	60.2	38.3	1.1	0.4	-0.12	95	---	-58.8	-59.09	99	
SEC2GW02	SEC2GW02	4/1/2014 8:28		60.1	36.2	1.4	2.3	-0.15	96	---	-53	-53.05	90	No change,,,,,,
SEC2GW02	SEC2GW02	4/1/2014 8:28	ADJ	60.1	36.2	1.4	2.3	-0.15	96	---	-52.9	-53.05	90	
SEC2GW02	SEC2GW02	5/14/2014 10:05		60.6	39.3	0	0.1	0.15	98	23	-59.4	-59.68	---	No change,,,,,,
SEC2GW02	SEC2GW02	5/14/2014 10:05	ADJ	60.6	39.3	0	0.1	0.16	98	24	-59.4	-59.68	---	
SEC2GW02	SEC2GW02	6/10/2014 8:55		59.6	39.8	0.4	0.2	0.13	97	21	-59.8	-60	---	No change,,,,,,
SEC2GW02	SEC2GW02	6/10/2014 8:55	ADJ	59.6	39.8	0.4	0.2	0.16	97	24	-59.8	-60	---	
SEC2GW02	SEC2GW02	7/16/2014 9:41		60.6	39	0.2	0.2	0.15	97	23	-59.4	-59.5	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW02	SEC2GW02	7/16/2014 9:41	ADJ	60.6	39	0.2	0.2	0.11	97	19	-59.4	-59.5	---	
SEC2GW02	SEC2GW02	8/12/2014 7:03		60.2	39	0.7	0.1	0.09	95	18	-59.4	-59.63	---	No change,,,,,,
SEC2GW02	SEC2GW02	8/12/2014 7:03	ADJ	60.2	39	0.7	0.1	0.12	95	21	-59.4	-59.63	---	
SEC2GW02	SEC2GW02	9/22/2014 7:00		59.9	39.8	0.1	0.2	0.16	96	23	-58.4	-58.46	---	Valve fully open,,,,,,
SEC2GW02	SEC2GW02	9/22/2014 7:00	ADJ	59.9	39.8	0.1	0.2	0.16	96	23	-58.3	-58.46	---	
SEC2GW02	SEC2GW02	10/9/2014 7:34		59.6	39.9	0.3	0.2	0.11	94	20	-58.6	-58.69	---	No change,Valve fully open,,,,,
SEC2GW02	SEC2GW02	10/9/2014 7:34	ADJ	59.6	39.9	0.3	0.2	0.13	94	22	-58.5	-58.69	---	
SEC2GW02	SEC2GW02	11/25/2014 8:39		59.7	40	0.2	0.1	0.62	78	49	-56.9	-57.61	---	No change,Valve fully open,,,,,
SEC2GW02	SEC2GW02	11/25/2014 8:39	ADJ	59.7	40	0.2	0.1	0.62	89	48	-57	-57.61	---	
SEC2GW02	SEC2GW02	12/20/2014 10:05		60.4	39.4	0	0.2	0.14	90	22	-57.1	-57.29	---	No change,Valve fully open,,,,,
SEC2GW02	SEC2GW02	12/20/2014 10:05	ADJ	60.4	39.4	0	0.2	0.11	90	20	-57.1	-57.29	---	
SEC2GW03	SEC2GW03	1/30/2014 9:36		58.8	34.7	2.1	4.4	-0.27	70	---	-58.3	-58.49	---	No change,,,,,,
SEC2GW03	SEC2GW03	1/30/2014 9:36	ADJ	58.8	34.7	2.1	4.4	-0.18	70	---	-58.3	-58.49	---	
SEC2GW03	SEC2GW03	2/13/2014 10:56		60.6	37.7	1.5	0.2	-0.18	51	---	-48.7	-48.86	---	No change,,,,,,
SEC2GW03	SEC2GW03	2/13/2014 10:56	ADJ	60.6	37.7	1.5	0.2	-0.18	51	---	-48.8	-48.86	---	
SEC2GW03	SEC2GW03	3/17/2014 9:17		57.4	37.7	2.1	2.8	-0.14	67	---	-59.3	-59.31	100	No change,,,,,,
SEC2GW03	SEC2GW03	3/17/2014 9:17	ADJ	57.4	37.7	2.1	2.8	0.93	68	61	-59.3	-59.31	100	
SEC2GW03	SEC2GW03	4/1/2014 8:32		58.5	37.4	1.5	2.6	-0.11	62	---	-53.5	-53.39	100	No change,,,,,,
SEC2GW03	SEC2GW03	4/1/2014 8:32	ADJ	58.5	37.4	1.5	2.6	-0.21	63	---	-53.4	-53.39	100	
SEC2GW03	SEC2GW03	5/14/2014 10:09		59.4	40.4	0	0.2	0.15	74	23	-59.8	-60.03	---	No change,,,,,,
SEC2GW03	SEC2GW03	5/14/2014 10:09	ADJ	59.4	40.4	0	0.2	0.19	74	26	-59.9	-60.03	---	
SEC2GW03	SEC2GW03	6/10/2014 8:58		58.8	41	0.1	0.1	0.09	86	18	-60.4	-60.17	---	No change,,,,,,
SEC2GW03	SEC2GW03	6/10/2014 8:58	ADJ	58.8	41	0.1	0.1	0.21	86	27	-60.5	-60.17	---	
SEC2GW03	SEC2GW03	7/16/2014 9:44		60.8	38.9	0.1	0.2	0.04	78	12	-59.8	-59.92	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW03	SEC2GW03	7/16/2014 9:44	ADJ	60.8	38.9	0.1	0.2	0.09	78	17	-60	-59.92	---	
SEC2GW03 was abandoned and replaced with SEC2GW03A in accordance with the 2014 Gas System Improvement Project.														
SEC2GW04	SEC2GW04	1/30/2014 9:57		58.8	40.5	0.6	0.1	2.71	80	63	-3.3	-51.96	---	Opened 1/2 to 1 turn,,,,,,
SEC2GW04	SEC2GW04	1/30/2014 9:57	ADJ	58.8	40.5	0.6	0.1	3.3	80	70	-4.4	-51.96	---	
SEC2GW04	SEC2GW04	2/13/2014 10:48		49.9	36.2	3.4	10.5	-0.39	87	---	-43.4	-54.95	---	Closed valve 1/2 to 1 turn,,,,,,
SEC2GW04	SEC2GW04	2/13/2014 10:48	ADJ	49.9	36.2	3.4	10.5	-0.12	87	---	-42.4	-54.95	---	
SEC2GW04	SEC2GW04	3/17/2014 9:20		58.5	40.5	0.9	0.1	0.12	85	11	-51.3	-56.29	100	No change,,,,,,
SEC2GW04	SEC2GW04	3/17/2014 9:20	ADJ	58.5	40.5	0.9	0.1	0.15	84	13	-51.3	-56.29	100	
SEC2GW04	SEC2GW04	4/1/2014 8:36		57.9	41.1	0.9	0.1	-0.08	82	---	-45.9	-50.55	80	No change,,,,,,
SEC2GW04	SEC2GW04	4/1/2014 8:36	ADJ	57.9	41.1	0.9	0.1	-0.09	82	---	-45.9	-50.55	80	
SEC2GW04	SEC2GW04	5/14/2014 10:13		58.5	41.3	0.1	0.1	0.07	92	9	-51.4	-57.04	---	No change,,,,,,
SEC2GW04	SEC2GW04	5/14/2014 10:13	ADJ	58.5	41.3	0.1	0.1	0.08	93	9	-51.4	-57.04	---	
SEC2GW04	SEC2GW04	6/10/2014 9:02		58.1	41.6	0.1	0.2	0.07	93	8	-52.2	-57.42	---	No change,,,,,,
SEC2GW04	SEC2GW04	6/10/2014 9:02	ADJ	58.1	41.6	0.1	0.2	0.07	94	9	-52.2	-57.42	---	
SEC2GW04	SEC2GW04	7/16/2014 9:47		58.8	40.9	0.1	0.2	0.06	93	8	-53.1	-57.69	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW04	SEC2GW04	7/16/2014 9:47	ADJ	58.8	40.9	0.1	0.2	0.06	93	8	-54.1	-57.69	---	
SEC2GW04	SEC2GW04	8/12/2014 7:14		58.9	40.6	0.3	0.2	0.06	91	8	-57.8	-58.46	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW04	SEC2GW04	8/12/2014 7:14	ADJ	58.9	40.6	0.3	0.2	0	91	2	-58.1	-58.46	---	
SEC2GW04	SEC2GW04	9/22/2014 7:24		58	41.7	0.2	0.1	0.02	91	5	-55.2	-55.58	---	Valve fully open,,,,,,
SEC2GW04	SEC2GW04	9/22/2014 7:24	ADJ	58	41.7	0.2	0.1	0.02	91	5	-55.1	-55.58	---	
SEC2GW04	SEC2GW04	10/9/2014 7:49		58.3	40.8	0.7	0.2	0.04	85	7	-56.7	-56.51	---	No change,Valve fully open,,,,,
SEC2GW04	SEC2GW04	10/9/2014 7:49	ADJ	58.3	40.8	0.7	0.2	0.03	86	6	-56.7	-56.51	---	
SEC2GW04	SEC2GW04	11/25/2014 8:47		57.2	42.5	0.1	0.2	0.15	74	13	-52.8	-52.9	---	No change,Valve fully open,,,,,
SEC2GW04	SEC2GW04	11/25/2014 8:47	ADJ	57.2	42.5	0.1	0.2	0.15	75	13	-52.7	-52.9	---	
SEC2GW04	SEC2GW04	12/20/2014 10:16		57.7	42	0.1	0.2	0.04	78	7	-53.2	-53.31	---	No change,Valve fully open,,,,,
SEC2GW04	SEC2GW04	12/20/2014 10:16	ADJ	57.7	42	0.1	0.2	0.06	79	8	-53.2	-53.31	---	
SEC2GW08	SEC2GW08	1/30/2014 13:29		60.4	39.1	0.3	0.2	0.18	40	28	-21.6	-51.97	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW08	SEC2GW08	1/30/2014 13:29	ADJ	60.4	39.1	0.3	0.2	0.82	40	61	-28.6	-51.97	---	
SEC2GW08	SEC2GW08	2/13/2014 10:11		55.4	36.6	1.3	6.7	-0.04	60	---	-51.6	-52.49	---	No change,,,,,,
SEC2GW08	SEC2GW08	2/13/2014 10:11	ADJ	55.4	36.6	1.3	6.7	0.04	59	11	-51.3	-52.49	---	
SEC2GW08	SEC2GW08	3/17/2014 9:36		61.7	35.7	0.7	1.9	-0.07	60	---	-53.9	-54.26	80	No change,,,,,,
SEC2GW08	SEC2GW08	3/17/2014 9:36	ADJ	61.7	35.7	0.7	1.9	-0.05	60	---	-54.2	-54.26	80	
SEC2GW08	SEC2GW08	4/1/2014 9:46		60.9	34.7	1.3	3.1	-0.2	58	---	-48.2	-48.32	60	No change,,,,,,
SEC2GW08	SEC2GW08	4/1/2014 9:46	ADJ	60.9	34.7	1.3	3.1	-0.16	59	---	-48.1	-48.32	60	
SEC2GW08	SEC2GW08	5/14/2014 10:28		62.7	37.1	0	0.2	0.04	69	12	-55.3	-55.52	---	No change,,,,,,
SEC2GW08	SEC2GW08	5/14/2014 10:28	ADJ	62.7	37.1	0	0.2	0.06	69	15	-55.3	-55.52	---	
SEC2GW08	SEC2GW08	6/10/2014 9:16		61.7	37.9	0.3	0.1	0.04	71	12	-56.4	-56.69	---	No change,,,,,,
SEC2GW08	SEC2GW08	6/10/2014 9:16	ADJ	61.7	37.9	0.3	0.1	0.05	71	13	-56.5	-56.69	---	
SEC2GW08	SEC2GW08	7/16/2014 9:58		62.3	37.4	0.1	0.2	0.01	74	6	-55.8	-55.93	---	No change,,,,,,
SEC2GW08	SEC2GW08	7/16/2014 9:58	ADJ	62.3	37.4	0.1	0.2	0.07	75	16	-55.8	-55.93	---	
SEC2GW08	SEC2GW08	8/12/2014 7:29		54.8	34.4	2.8	8	0	70	---	-58.4	-58.55	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW08	SEC2GW08	8/12/2014 7:29	ADJ	54.8	34.4	2.8	8	0	70	4	-58.5	-58.55	---	
SEC2GW08	SEC2GW08	9/22/2014 7:37		61.3	37.4	0.9	0.4	0.04	72	12	-54.1	-54.17	---	Valve fully open,,,,,,
SEC2GW08	SEC2GW08	9/22/2014 7:37	ADJ	61.3	37.4	0.9	0.4	0.04	73	11	-54.1	-54.17	---	
SEC2GW08	SEC2GW08	10/9/2014 8:33		49.5	31	4.8	14.7	0.01	63	6	-54.3	-54.37	---	Closed valve 1/2 turn or less,,,,,,
SEC2GW08	SEC2GW08	10/9/2014 8:33	ADJ	49.5	31	4.8	14.7	0.01	63	7	-53.7	-54.37	---	
SEC2GW08	SEC2GW08	11/25/2014 9:08		56.7	36.2	1.5	5.6	-0.02	45	---	-51.2	-51.84	---	Opened valve 1/2 turn or less,Valve fully open,,,,,
SEC2GW08	SEC2GW08	11/25/2014 9:08	ADJ	56.7	36.2	1.5	5.6	-0.16	45	---	-51.7	-51.84	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2GW08	SEC2GW08	12/20/2014 10:46		59.4	36.1	0.7	3.8	0.06	49	15	-52	-51.97	---	No change,Valve fully open,,,,,,
SEC2GW08	SEC2GW08	12/20/2014 10:46	ADJ	59.4	36.1	0.7	3.8	0.09	49	18	-52	-51.97	---	
SEC2GW11	SEC2GW11	1/29/2014 11:47		6	11.3	18.8	63.9	-0.11	30	---	-50	-49.98	---	Closed valve 1/2 turn or less,,,,,,
SEC2GW11	SEC2GW11	1/29/2014 11:47	ADJ	6	11.3	18.8	63.9	-0.11	30	---	-49.9	-49.98	---	
SEC2GW11	SEC2GW11	1/29/2014 11:50		4.4	10.6	19.5	65.5	-0.1	30	---	-49.9	-50.02	50	No change,,,,,,
SEC2GW11	SEC2GW11	1/29/2014 11:50	ADJ	4.4	10.6	19.5	65.5	-0.09	30	---	-50	-50.02	50	
SEC2GW11 was abandoned in accordance with the 01/02/14 approval.														
SEC2GW13	SEC2GW13	1/29/2014 12:29		62.8	30.9	0.3	6	1.51	38	87	-20.7	-34.23	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW13	SEC2GW13	1/29/2014 12:29	ADJ	62.8	30.9	0.3	6	1.38	38	83	-23.2	-34.23	---	
SEC2GW13	SEC2GW13	2/12/2014 14:12		28.7	27.9	0.7	42.7	0.34	54	36	-41.8	-40.89	---	Closed more than 1 turn,,,,,,
SEC2GW13	SEC2GW13	2/12/2014 14:12	ADJ	28.7	27.9	0.7	42.7	0.2	53	28	-37.1	-40.89	---	
SEC2GW13	SEC2GW13	3/17/2014 14:01		41.5	33.2	0.6	24.7	-0.01	42	---	-10.5	-53.1	5	Closed valve 1/2 turn or less,,,,,,
SEC2GW13	SEC2GW13	3/17/2014 14:01	ADJ	41.5	33.2	0.6	24.7	-0.13	43	---	-10.4	-53.1	3	
SEC2GW13	SEC2GW13	4/1/2014 15:08		31.3	26.8	1.2	40.7	-0.21	50	---	-23.7	-48.6	10	Closed valve 1/2 turn or less,,,,,,
SEC2GW13	SEC2GW13	4/1/2014 15:08	ADJ	31.3	26.8	1.2	40.7	-0.21	51	---	-23.5	-48.6	5	
SEC2GW13	SEC2GW13	5/15/2014 10:50		30.6	27.8	0.2	41.4	-0.01	59	---	-24.1	-55.03	---	Closed valve 1/2 turn or less,,,,,,
SEC2GW13	SEC2GW13	5/15/2014 10:50	ADJ	30.6	27.8	0.2	41.4	0	59	3	-24	-55.03	---	
SEC2GW13	SEC2GW13	6/10/2014 14:04		34.3	28.9	0.5	36.3	0.06	71	15	-20.5	-46.67	---	No change,,,,,,
SEC2GW13	SEC2GW13	6/10/2014 14:04	ADJ	34.3	28.9	0.5	36.3	0.05	70	14	-20.5	-46.67	---	
SEC2GW13	SEC2GW13	7/16/2014 11:14		42.8	32.2	0.2	24.8	0.09	73	19	-16.5	-39.05	---	No change,,,,,,
SEC2GW13	SEC2GW13	7/16/2014 11:14	ADJ	42.8	32.2	0.2	24.8	0.08	74	18	-16.5	-39.05	---	
SEC2GW13	SEC2GW13	8/12/2014 13:31		26.4	27.4	1.1	45.1	-0.17	72	---	-40.1	-49.77	---	Closed valve 1/2 turn or less,,,,,,
SEC2GW13	SEC2GW13	8/12/2014 13:31	ADJ	26.4	27.4	1.1	45.1	-0.19	71	---	-38.1	-49.77	---	
SEC2GW13	SEC2GW13	9/22/2014 14:21		17.7	17.8	7	57.5	0.04	72	13	-20.6	-52.78	---	Closed valve 1/2 turn or less,,,,,,
SEC2GW13	SEC2GW13	9/22/2014 14:21	ADJ	17.7	17.8	7	57.5	0.04	72	11	-19.8	-52.78	---	
SEC2GW13	SEC2GW13	9/22/2014 14:23		19.9	18.9	6.9	54.3	0.05	72	14	-17.3	-52.79	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC2GW13	SEC2GW13	9/22/2014 14:23	ADJ	19.9	18.9	6.9	54.3	0.03	71	11	-17.1	-52.79	---	
SEC2GW13	SEC2GW13	10/2/2014 10:26		53.6	34.3	2.5	9.6	0.06	81	15	-1.3	-51.81	---	
SEC2GW13	SEC2GW13	10/2/2014 10:26	ADJ	53.6	34.3	2.5	9.6	0.05	79	15	-1.3	-51.81	---	
SEC2GW13	SEC2GW13	10/10/2014 8:38		61.9	37.7	0.2	0.2	0.04	50	14	-1.5	-53.23	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW13	SEC2GW13	10/10/2014 8:38	ADJ	61.9	37.7	0.2	0.2	-0.02	47	14	-3.1	-53.23	---	
SEC2GW13	SEC2GW13	11/25/2014 13:00		36.9	32.1	0.4	30.6	-0.03	46	---	-4	-46.39	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC2GW13	SEC2GW13	11/25/2014 13:00	ADJ	36.9	32.1	0.4	30.6	-0.03	46	---	-2.7	-46.39	---	
SEC2GW13	SEC2GW13	12/20/2014 12:01		60.3	39.3	0.2	0.2	0.16	38	28	-1.8	-50.64	---	Opened 1/2 to 1 turn,,,,,,
SEC2GW13	SEC2GW13	12/20/2014 12:01	ADJ	60.3	39.3	0.2	0.2	0.17	35	28	-2.8	-50.64	---	
SEC2GW17	SEC2GW17	1/30/2014 6:32		56.7	33.3	2.8	7.2	0.1	90	20	-19.8	-52.35	---	No change,,,,,,
SEC2GW17	SEC2GW17	1/30/2014 6:32	ADJ	56.7	33.3	2.8	7.2	0.3	90	35	-19.8	-52.35	---	
SEC2GW17	SEC2GW17	2/12/2014 9:44		57.3	36.3	2.2	4.2	0.34	83	37	-29.3	-51.68	---	Closed valve 1/2 turn or less,,,,,,
SEC2GW17	SEC2GW17	2/12/2014 9:44	ADJ	57.3	36.3	2.2	4.2	-0.13	84	37	-28.6	-51.68	---	
SEC2GW17	SEC2GW17	3/18/2014 8:04		56	39.3	1.5	3.2	0.09	84	18	-34.6	-55.03	60	No change,,,,,,
SEC2GW17	SEC2GW17	3/18/2014 8:04	ADJ	56	39.3	1.5	3.2	0.11	84	20	-34.6	-55.03	60	
SEC2GW17	SEC2GW17	4/2/2014 9:26		52.1	35.7	2.6	9.6	-0.02	80	---	-23.9	-50.06	25	No change,,,,,,
SEC2GW17	SEC2GW17	4/2/2014 9:26	ADJ	52.1	35.7	2.6	9.6	0.02	80	8	-24	-50.06	25	
SEC2GW17	SEC2GW17	5/14/2014 14:55		58.2	41.4	0.2	0.2	0.14	88	23	-27.4	-57.26	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW17	SEC2GW17	5/14/2014 14:55	ADJ	58.2	41.4	0.2	0.2	0.08	88	18	-28.3	-57.26	---	
SEC2GW17	SEC2GW17	6/11/2014 9:04		58.6	40.3	0.7	0.4	0.2	88	27	-39.2	-54.65	---	No change,,,,,,
SEC2GW17	SEC2GW17	6/11/2014 9:04	ADJ	58.6	40.3	0.7	0.4	-0.03	88	27	-39.1	-54.65	---	
SEC2GW17	SEC2GW17	7/17/2014 10:41		58.5	41.1	0.2	0.2	0.07	85	17	-1	-56.28	---	No change,,,,,,
SEC2GW17	SEC2GW17	7/17/2014 10:41	ADJ	58.5	41.1	0.2	0.2	0.08	85	18	-1	-56.28	---	
SEC2GW17	SEC2GW17	8/12/2014 8:30		56.7	37.9	1.5	3.9	-0.16	87	---	-3.4	-55.37	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW17	SEC2GW17	8/12/2014 8:30	ADJ	56.7	37.9	1.5	3.9	0.12	87	22	-4.9	-55.37	---	
SEC2GW17	SEC2GW17	9/22/2014 10:23		55.7	38.3	2.1	3.9	-0.14	88	---	-11.6	-54.67	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW17	SEC2GW17	9/22/2014 10:23	ADJ	55.7	38.3	2.1	3.9	0.4	89	41	-13.3	-54.67	---	
SEC2GW17	SEC2GW17	10/10/2014 12:01		58.9	39.9	1	0.2	0.51	88	46	-15.1	-52.53	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW17	SEC2GW17	10/10/2014 12:01	ADJ	58.9	39.9	1	0.2	0.37	89	39	-17.2	-52.53	---	
SEC2GW17	SEC2GW17	11/26/2014 8:27		58	40.1	1.8	0.1	-0.32	79	---	-15.2	-51.55	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW17	SEC2GW17	11/26/2014 8:27	ADJ	58	40.1	1.8	0.1	0.12	80	22	-16.1	-51.55	---	
SEC2GW17	SEC2GW17	12/22/2014 12:44		58.2	38.9	1.4	1.5	-0.45	81	---	-15.6	-49.02	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW17	SEC2GW17	12/22/2014 12:44	ADJ	58.2	38.9	1.4	1.5	-0.04	82	---	-16.8	-49.02	---	
SEC2GW18	SEC2GW18	1/31/2014 6:34		60.2	27.1	3.2	9.5	7.62	40	191	-51.8	-51.85	---	No change,,,,,,
SEC2GW18	SEC2GW18	1/31/2014 6:34	ADJ	60.2	27.1	3.2	9.5	7.59	40	191	-51.8	-51.85	---	
SEC2GW18	SEC2GW18	2/12/2014 9:58		63.6	35.6	0.7	0.1	1.46	27	82	-53	-53.56	---	No change,,,,,,
SEC2GW18	SEC2GW18	2/12/2014 9:58	ADJ	63.6	35.6	0.7	0.1	1.52	28	84	-53.1	-53.56	---	
SEC2GW18	SEC2GW18	3/18/2014 9:07		58.2	35.8	1.7	4.3	-0.24	40	---	-53.3	-54.35	80	No change,,,,,,
SEC2GW18	SEC2GW18	3/18/2014 9:07	ADJ	58.2	35.8	1.7	4.3	-0.25	42	---	-53.3	-54.35	80	
SEC2GW18	SEC2GW18	4/2/2014 9:33		63.7	34.1	0.9	1.3	-0.33	88	---	-51	-51.53	60	No change,,,,,,
SEC2GW18	SEC2GW18	4/2/2014 9:33	ADJ	63.7	34.1	0.9	1.3	-0.44	88	---	-50.9	-51.53	60	
SEC2GW18	SEC2GW18	5/15/2014 9:04		0.6	1.3	21.1	77	0.08	53	16	-57.8	-57.77	---	Closed valve 1/2 turn or less,,,,,,
SEC2GW18	SEC2GW18	5/15/2014 9:04	ADJ	0.6	1.3	21.1	77	-0.29	53	16	-57.7	-57.77	---	
SEC2GW18	SEC2GW18	5/15/2014 9:06		0.3	0.9	21.5	77.3	-0.17	52	---	-57.8	-57.78	---	Closed valve 1/2 turn or less,,,,,,
SEC2GW18	SEC2GW18	5/15/2014 9:06	ADJ	0.3	0.9	21.5	77.3	0	52	4	-57.8	-57.78	---	
SEC2GW18	SEC2GW18	5/19/2014 13:51		0.7	1.7	20.5	77.1	-0.14	50	---	-58.2	-58.13	---	No change,,,,,,
SEC2GW18	SEC2GW18	5/19/2014 13:51	ADJ	0.7	1.7	20.5	77.1	0.06	50	14	-58.3	-58.13	---	
SEC2GW18	SEC2GW18	5/22/2014 11:19		53.4	28.3	4.4	13.9	0.1	71	19	-52	-52.09	---	No change,,,,,,
SEC2GW18	SEC2GW18	5/22/2014 11:19	ADJ	53.4	28.3	4.4	13.9	0.02	72	9	-52.1	-52.09	---	
SEC2GW18	SEC2GW18	6/12/2014 14:37		66.8	32.8	0.3	0.1	0.2	78	29	-49.3	-54.54	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW18	SEC2GW18	6/12/2014 14:37	ADJ	66.8	32.8	0.3	0.1	0.22	78	30	-50.5	-54.54	---	
SEC2GW18	SEC2GW18	7/21/2014 13:23		65	34.6	0.3	0.1	0.25	92	32	-33.4	-57.01	---	No change,,,,,,
SEC2GW18	SEC2GW18	7/21/2014 13:23	ADJ	65	34.6	0.3	0.1	0.2	92	28	-33.4	-57.01	---	
SEC2GW18	SEC2GW18	8/18/2014 14:54		54.7	38.7	0.2	6.4	0.09	84	18	-51.1	-52.58	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW18	SEC2GW18	8/18/2014 14:54	ADJ	54.7	38.7	0.2	6.4	0.06	84	15	-51.9	-52.58	---	
SEC2GW18	SEC2GW18	9/16/2014 4:51		56.1	39.2	0.2	4.5	0.28	88	32	-53.2	-55.58	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW18	SEC2GW18	9/16/2014 4:51	ADJ	56.1	39.2	0.2	4.5	0.27	88	31	-53.9	-55.58	---	
SEC2GW18	SEC2GW18	10/13/2014 15:44		60.8	37.9	1.2	0.1	-0.42	76	---	-52.3	-52.94	---	Opened valve 1/2 turn or less,Valve fully open,,,,,,
SEC2GW18	SEC2GW18	10/13/2014 15:44	ADJ	60.8	37.9	1.2	0.1	-0.08	76	---	-52.9	-52.94	---	
SEC2GW18	SEC2GW18	11/26/2014 8:33		59.4	40	0.5	0.1	0.22	74	29	-52.3	-52.87	---	Opened valve 1/2 turn or less,Valve fully open,,,,,,
SEC2GW18	SEC2GW18	11/26/2014 8:33	ADJ	59.4	40	0.5	0.1	0.15	75	23	-52.7	-52.87	---	
SEC2GW18	SEC2GW18	12/22/2014 12:50		60.8	38.8	0.3	0.1	0.53	79	46	-48.2	-50.62	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW18	SEC2GW18	12/22/2014 12:50	ADJ	60.8	38.8	0.3	0.1	0.37	79	38	-49.2	-50.62	---	
SEC2GW19	SEC2GW19	8/5/2014 8:01		57.1	42.6	0.1	0.2	0.02	75	8	0.1	-58.39	---	No change,,,,,,,: :
SEC2GW19	SEC2GW19	8/5/2014 8:01	ADJ	57.1	42.6	0.1	0.2	0.02	75	8	0.1	-58.39	---	
SEC2GW19	SEC2GW19	8/5/2014 8:02		57.5	42.3	0	0.2	0.02	75	9	0.1	-57.5	---	Opened valve 1/2 turn or less,,,,,,,: :
SEC2GW19	SEC2GW19	8/5/2014 8:02	ADJ	57.5	42.3	0	0.2	0.03	72	11	0	-57.5	---	
SEC2GW19	SEC2GW19	8/6/2014 13:14		56.1	43.7	0.1	0.1	-0.02	87	---	-0.2	-55.81	---	Opened valve 1/2 turn or less,,,,,,,: :
SEC2GW19	SEC2GW19	8/6/2014 13:14	ADJ	56.1	43.7	0.1	0.1	0	86	---	-0.4	-55.81	---	
SEC2GW19	SEC2GW19	8/7/2014 11:46		54.3	45.5	0	0.2	0	81	---	-0.5	-53.93	---	Opened valve 1/2 turn or less,,,,,,,: :
SEC2GW19	SEC2GW19	8/7/2014 11:46	ADJ	54.3	45.5	0	0.2	0.04	81	11	-0.7	-53.93	---	
SEC2GW19	SEC2GW19	8/12/2014 8:52		55.2	44.6	0	0.2	0.09	78	19	-0.6	-48.26	---	Opened valve 1/2 turn or less,,,,,,,: :
SEC2GW19	SEC2GW19	8/12/2014 8:52	ADJ	55.2	44.6	0	0.2	0.35	79	38	-1.6	-48.26	---	
SEC2GW19	SEC2GW19	9/23/2014 6:36		45.2	43.4	0	11.4	0.36	66	39	-1.8	-46.73	---	Closed valve 1/2 turn or less,,,,,,
SEC2GW19	SEC2GW19	9/23/2014 6:36	ADJ	45.2	43.4	0	11.4	0.1	66	19	-0.9	-46.73	---	
SEC2GW19	SEC2GW19	10/13/2014 7:18		48.3	44.8	0	6.9	-0.02	69	---	-0.4	-43.7	---	Closed valve 1/2 turn or less,,,,,,
SEC2GW19	SEC2GW19	10/13/2014 7:18	ADJ	48.3	44.8	0	6.9	-0.12	69	---	-0.2	-43.7	---	
SEC2GW19	SEC2GW19	11/25/2014 15:42		53.4	46.4	0.1	0.1	-0.67	35	---	-0.1	-46.2	---	No change,,,,,,
SEC2GW19	SEC2GW19	11/25/2014 15:42	ADJ	53.4	46.4	0.1	0.1	-0.64	35	---	-0.1	-46.2	---	
SEC2GW19	SEC2GW19	12/22/2014 8:58		48.8	51	0	0.2	-0.16	46	---	-0.1	-40.82	---	No change,Valve barely open,Header Vacuum loss,,,,,
SEC2GW19	SEC2GW19	12/22/2014 8:58	ADJ	48.8	51	0	0.2	-0.28	46	---	-0.1	-40.82	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2GW20	SEC2GW20	1/30/2014 7:26		60.2	38.6	1	0.2	-0.2	100	---	-53.8	-53.82	---	No change,,,,,,,
SEC2GW20	SEC2GW20	1/30/2014 7:26	ADJ	60.2	38.6	1	0.2	-0.02	100	---	-53.8	-53.82	---	
SEC2GW20	SEC2GW20	2/12/2014 10:03		60.5	37.8	1.1	0.6	0.3	98	33	-52.3	-54.73	---	No change,,,,,,,
SEC2GW20	SEC2GW20	2/12/2014 10:03	ADJ	60.5	37.8	1.1	0.6	0.09	98	18	-52.7	-54.73	---	
SEC2GW20	SEC2GW20	3/18/2014 9:10		56.1	41.1	1.1	1.7	0.14	96	22	-53.4	-54.78	100	No change,,,,,,,
SEC2GW20	SEC2GW20	3/18/2014 9:10	ADJ	56.1	41.1	1.1	1.7	0.06	96	15	-53.8	-54.78	100	
SEC2GW20	SEC2GW20	4/2/2014 9:36		62.6	36.8	0.4	0.2	0.24	98	30	-51	-50.98	100	No change,,,,,,,
SEC2GW20	SEC2GW20	4/2/2014 9:36	ADJ	62.6	36.8	0.4	0.2	-0.44	98	30	-51	-50.98	100	
SEC2GW20	SEC2GW20	5/15/2014 8:59		57.8	42.1	0	0.1	0.36	94	36	-56.9	-58.17	---	No change,,,,,,,
SEC2GW20	SEC2GW20	5/15/2014 8:59	ADJ	57.8	42.1	0	0.1	0.27	94	31	-57	-58.17	---	
SEC2GW20	SEC2GW20	6/11/2014 9:18		58.1	40.9	0.6	0.4	0.12	98	20	-55.4	-56.63	---	No change,,,,,,,
SEC2GW20	SEC2GW20	6/11/2014 9:18	ADJ	58.1	40.9	0.6	0.4	-0.23	98	20	-55.6	-56.63	---	
SEC2GW20	SEC2GW20	7/17/2014 10:58		57.8	40.8	0.8	0.6	0.07	99	16	-28.3	-29.08	---	No change,,,,,,,
SEC2GW20	SEC2GW20	7/17/2014 10:58	ADJ	57.8	40.8	0.8	0.6	0.1	99	20	-28.3	-29.08	---	
SEC2GW20	SEC2GW20	8/12/2014 8:21		58.7	40.9	0.3	0.1	0.02	90	9	-23.4	-51.41	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW20	SEC2GW20	8/12/2014 8:21	ADJ	58.7	40.9	0.3	0.1	0.03	91	10	-24.6	-51.41	---	
SEC2GW20	SEC2GW20	9/16/2014 4:55		58	41.8	0.1	0.1	0.13	86	22	-39.5	-48.01	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW20	SEC2GW20	9/16/2014 4:55	ADJ	58	41.8	0.1	0.1	-0.13	87	22	-44.5	-48.01	---	
SEC2GW20	SEC2GW20	10/13/2014 11:53		57.4	42	0.5	0.1	0.01	94	6	-10	-44.46	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW20	SEC2GW20	10/13/2014 11:53	ADJ	57.4	42	0.5	0.1	0.02	97	9	-12	-44.46	---	
SEC2GW20	SEC2GW20	11/26/2014 8:38		57.3	42.3	0.3	0.1	0.23	51	31	-15.5	-44.27	---	Opened valve 1/2 turn or less,Header Vacuum loss,,,,,,
SEC2GW20	SEC2GW20	11/26/2014 8:38	ADJ	57.3	42.3	0.3	0.1	0.27	52	34	-16.9	-44.27	---	
SEC2GW20	SEC2GW20	12/22/2014 13:00		58	41.5	0.3	0.2	0.02	58	9	-19.7	-39.9	---	Opened valve 1/2 turn or less,Header Vacuum loss,,,,,,
SEC2GW20	SEC2GW20	12/22/2014 13:00	ADJ	58	41.5	0.3	0.2	0.07	62	16	-21	-39.9	---	
SEC2GW21	SEC2GW21	1/30/2014 7:40		63.2	35.7	0.9	0.2	-0.02	88	---	-24.3	-55.65	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW21	SEC2GW21	1/30/2014 7:40	ADJ	63.2	35.7	0.9	0.2	-0.04	88	---	-25.8	-55.65	---	
SEC2GW21	SEC2GW21	2/12/2014 10:09		58.7	40.7	0.5	0.1	-0.07	77	---	-29.7	-54.61	---	No change,,,,,,,
SEC2GW21	SEC2GW21	2/12/2014 10:09	ADJ	58.7	40.7	0.5	0.1	-0.04	78	---	-29.7	-54.61	---	
SEC2GW21	SEC2GW21	3/18/2014 9:28		59.7	39.3	0.8	0.2	-0.08	78	---	-30.4	-54.59	100	No change,,,,,,,
SEC2GW21	SEC2GW21	3/18/2014 9:28	ADJ	59.7	39.3	0.8	0.2	-0.05	79	---	-30.4	-54.59	100	
SEC2GW21	SEC2GW21	4/2/2014 9:42		57.1	38.9	1.1	2.9	-0.62	93	---	-30.9	-52.17	40	No change,,,,,,,
SEC2GW21	SEC2GW21	4/2/2014 9:42	ADJ	57.1	38.9	1.1	2.9	-0.64	93	---	-30.9	-52.17	40	
SEC2GW21	SEC2GW21	5/15/2014 8:56		59.3	40.6	0	0.1	0.02	77	9	-10.1	-58.23	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW21	SEC2GW21	5/15/2014 8:56	ADJ	59.3	40.6	0	0.1	0.02	77	9	-10.2	-58.23	---	
SEC2GW21	SEC2GW21	6/11/2014 9:21		59.1	40.3	0.5	0.1	0.05	83	13	-36.4	-56.43	---	No change,,,,,,,
SEC2GW21	SEC2GW21	6/11/2014 9:21	ADJ	59.1	40.3	0.5	0.1	0.06	83	15	-36.3	-56.43	---	
SEC2GW21	SEC2GW21	7/21/2014 11:51		59.2	40.4	0.3	0.1	0.04	90	12	-8.9	-40.96	---	No change,,,,,,,
SEC2GW21	SEC2GW21	7/21/2014 11:51	ADJ	59.2	40.4	0.3	0.1	0.03	90	11	-8.9	-40.96	---	
SEC2GW21	SEC2GW21	8/12/2014 8:17		59.4	39.5	0.4	0.7	0.12	77	22	-25	-54.74	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW21	SEC2GW21	8/12/2014 8:17	ADJ	59.4	39.5	0.4	0.7	0.21	77	29	-28.3	-54.74	---	
SEC2GW21	SEC2GW21	9/16/2014 4:58		59.1	40.7	0	0.2	0.24	77	30	-41.8	-52.51	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW21	SEC2GW21	9/16/2014 4:58	ADJ	59.1	40.7	0	0.2	0.05	77	14	-43.8	-52.51	---	
SEC2GW21	SEC2GW21	10/13/2014 11:48		59	40.2	0.6	0.2	0	79	4	-48.8	-49.74	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW21	SEC2GW21	10/13/2014 11:48	ADJ	59	40.2	0.6	0.2	0	80	3	-49.7	-49.74	---	
SEC2GW21	SEC2GW21	11/26/2014 8:43		59.1	40.5	0.3	0.1	0	41	---	-49.4	-49.44	---	No change,Valve fully open,,,,,,
SEC2GW21	SEC2GW21	11/26/2014 8:43	ADJ	59.1	40.5	0.3	0.1	0.02	42	9	-49.4	-49.44	---	
SEC2GW21	SEC2GW21	12/22/2014 13:10		60.1	38.9	0.9	0.1	0.07	51	17	-46.7	-46.68	---	No change,Valve fully open,,,,,,
SEC2GW21	SEC2GW21	12/22/2014 13:10	ADJ	60.1	38.9	0.9	0.1	-0.06	52	17	-46.7	-46.68	---	
SEC2GW22	SEC2GW22	1/30/2014 9:14		58.5	40.7	0.7	0.1	0.21	124	28	-8	-53.25	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW22	SEC2GW22	1/30/2014 9:14	ADJ	58.5	40.7	0.7	0.1	0.4	124	39	-9.1	-53.25	---	
SEC2GW22	SEC2GW22	2/13/2014 11:11		53.5	42.8	0.7	3	0.23	126	29	-11.7	-53.87	---	No change,,,,,,,
SEC2GW22	SEC2GW22	2/13/2014 11:11	ADJ	53.5	42.8	0.7	3	0.28	126	32	-11.7	-53.87	---	
SEC2GW22	SEC2GW22	3/17/2014 12:15		54.2	42.1	0.7	3	0.21	123	28	-13.2	-55.25	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW22	SEC2GW22	3/17/2014 12:15	ADJ	54.2	42.1	0.7	3	0.64	124	49	-16.4	-55.25	---	
SEC2GW22	SEC2GW22	4/1/2014 13:33		47.9	38.9	0.8	12.4	0.18	123	25	-21.5	-50.55	25	Closed valve 1/2 turn or less,,,,,,,
SEC2GW22	SEC2GW22	4/1/2014 13:33	ADJ	47.9	38.9	0.8	12.4	0.23	123	29	-19.4	-50.55	20	
SEC2GW22	SEC2GW22	5/15/2014 9:17		55.6	42.3	0	2.1	0.4	122	39	-23.3	-57.24	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW22	SEC2GW22	5/15/2014 9:17	ADJ	55.6	42.3	0	2.1	0.68	123	50	-24	-57.24	---	
SEC2GW22	SEC2GW22	6/10/2014 12:56		53.8	42.9	0.3	3	0.56	121	45	-25.9	-56.62	---	No change,,,,,,,
SEC2GW22	SEC2GW22	6/10/2014 12:56	ADJ	53.8	42.9	0.3	3	0.62	122	48	-25.9	-56.62	---	
SEC2GW22	SEC2GW22	7/16/2014 13:14		55.8	43.9	0.1	0.2	0.04	132	12	-0.2	-57.46	---	Closed valve 1/2 turn or less,,,,,,,
SEC2GW22	SEC2GW22	7/16/2014 13:14	ADJ	55.8	43.9	0.1	0.2	0.04	127	11	0.3	-57.46	---	
SEC2GW22	SEC2GW22	7/22/2014 8:09		56.1	43.2	0.5	0.2	0.02	129	8	-10	-57.42	---	Closed valve 1/2 turn or less,,,,,,,
SEC2GW22	SEC2GW22	7/22/2014 8:09	ADJ	56.1	43.2	0.5	0.2	0.07	126	16	-9.8	-57.42	---	
SEC2GW22 was abandoned and replaced with SEC2GW22A in accordance with the 2014 Gas System Improvement Project.														
SEC2GW23	SEC2GW23	1/30/2014 9:04		57	42.1	0.7	0.2	-7.36	126	---	-6.1	-54.65	---	No change,,,,,,,
SEC2GW23	SEC2GW23	1/30/2014 9:04	ADJ	57	42.1	0.7	0.2	-7.25	126	---	-6.2	-54.65	---	
SEC2GW23	SEC2GW23	2/13/2014 11:22		57.8	41.1	0.8	0.3	4.07	130	125	-33.1	-53.98	---	No change,,,,,,,
SEC2GW23	SEC2GW23	2/13/2014 11:22	ADJ	57.8	41.1	0.8	0.3	1.98	130	87	-30	-53.98	---	
SEC2GW23	SEC2GW23	3/17/2014 12:27		54.9	42.7	0.6	1.8	0.22	130	27	-28.5	-54.31	40	No change,,,,,,,
SEC2GW23	SEC2GW23	3/17/2014 12:27	ADJ	54.9	42.7	0.6	1.8	-0.7	130	27	-29.1	-54.31	40	
SEC2GW23	SEC2GW23	4/1/2014 13:46		49.4	39.2	2.7	8.7	0.23	127	28	-24.3	-51.57	25	Closed valve 1/2 turn or less,,,,,,,
SEC2GW23	SEC2GW23	4/1/2014 13:46	ADJ	49.4	39.2	2.7	8.7	0.48	126	42	-24.1	-51.57	20	
SEC2GW23	SEC2GW23	5/15/2014 9:29		56.8	43.1	0	0.1	-0.42	123	---	0.9	-56.84	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW23	SEC2GW23	5/15/2014 9:29	ADJ	56.8	43.1	0	0.1	-1.17	133	---	-0.2	-56.84	---	
SEC2GW23	SEC2GW23	5/19/2014 13:32		56.2	43.2	0.4	0.2	-2.77	93	---	-0.4	-57.2	---	No change,,,,,,,
SEC2GW23	SEC2GW23	5/19/2014 13:32	ADJ	56.2	43.2	0.4	0.2	-2.36	126	---	-0.7	-57.2	---	
SEC2GW23	SEC2GW23	6/10/2014 13:07		57.1	42	0.8	0.1	3.54	137	119	-8	-56.67	---	No change,,,,,,,
SEC2GW23	SEC2GW23	6/10/2014 13:07	ADJ	57.1	42	0.8	0.1	3.85	137	124	-8.3	-56.67	---	
SEC2GW23	SEC2GW23	6/12/2014 14:27		56.2	43.3	0.3	0.2	0.49	129	44	-0.5	-52.61	---	Closed valve 1/2 turn or less,,,,,,,
SEC2GW23	SEC2GW23	6/12/2014 14:27	ADJ	56.2	43.3	0.3	0.2	0.5	129	44	-0.4	-52.61	---	
SEC2GW23	SEC2GW23	7/16/2014 13:28		57	42.7	0.2	0.1	2.89	123	109	-1.3	-57.26	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW23	SEC2GW23	7/16/2014 13:28	ADJ	57	42.7	0.2	0.1	3.65	123	123	-2.1	-57.26	---	
SEC2GW23	SEC2GW23	7/22/2014 6:50		56.2	43.1	0.6	0.1	-0.32	79	---	-0.5	-56.86	---	Closed valve 1/2 turn or less,,,,,,,
SEC2GW23	SEC2GW23	7/22/2014 6:50	ADJ	56.2	43.1	0.6	0.1	0.02	97	9	-0.3	-56.86	---	
SEC2GW23 was abandoned and replaced with SEC2GW23A in accordance with the 2014 Gas System Improvement Project.														
SEC2GW26	SEC2GW26	1/29/2014 11:35		66.4	31.9	1.3	0.4	0.23	99	30	-48.9	-49.54	---	No change,,,,,,,
SEC2GW26	SEC2GW26	1/29/2014 11:35	ADJ	66.4	31.9	1.3	0.4	0.26	99	32	-48.9	-49.54	---	
SEC2GW26	SEC2GW26	2/12/2014 12:16		57.7	41.7	0.4	0.2	-0.29	100	---	-37.3	-39.01	---	No change,,,,,,,
SEC2GW26	SEC2GW26	2/12/2014 12:16	ADJ	57.7	41.7	0.4	0.2	0.09	100	17	-41.8	-39.01	---	
SEC2GW26	SEC2GW26	3/17/2014 14:06		57	39	1.9	2.1	0.88	96	57	-51.5	-52.24	75	No change,,,,,,,
SEC2GW26	SEC2GW26	3/17/2014 14:06	ADJ	57	39	1.9	2.1	0.57	97	46	-51.9	-52.24	75	
SEC2GW26	SEC2GW26	4/1/2014 15:12		58.2	39.9	1.3	0.6	-1.09	97	---	-47.3	-47.87	70	No change,,,,,,,
SEC2GW26	SEC2GW26	4/1/2014 15:12	ADJ	58.2	39.9	1.3	0.6	-0.86	97	---	-45.6	-47.87	70	
SEC2GW26	SEC2GW26	5/15/2014 10:55		58.6	41.3	0	0.1	1.59	95	78	-55.4	-54.82	---	No change,,,,,,,
SEC2GW26	SEC2GW26	5/15/2014 10:55	ADJ	58.6	41.3	0	0.1	1.44	95	74	-54.9	-54.82	---	
SEC2GW26	SEC2GW26	6/10/2014 14:07		58.2	41.4	0.3	0.1	-0.07	96	---	-45.9	-49.02	---	No change,,,,,,,
SEC2GW26	SEC2GW26	6/10/2014 14:07	ADJ	58.2	41.4	0.3	0.1	0.06	96	14	-48.6	-49.02	---	
SEC2GW26	SEC2GW26	7/16/2014 11:19		40.6	31.7	2.1	25.6	0.19	100	26	-31.1	-38.98	---	No change,,,,,,,
SEC2GW26	SEC2GW26	7/16/2014 11:19	ADJ	40.6	31.7	2.1	25.6	0.57	100	46	-34.9	-38.98	---	
SEC2GW26 was abandoned and replaced with SEC2GW26A in accordance with the 2014 Gas System Improvement Project.														
SEC2GW27	SEC2GW27	1/29/2014 9:55		60.8	38.3	0.7	0.2	0.91	90	63	-4.3	-52.88	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW27	SEC2GW27	1/29/2014 9:55	ADJ	60.8	38.3	0.7	0.2	1.04	90	68	-5.9	-52.88	---	
SEC2GW27	SEC2GW27	2/12/2014 11:24		49.6	36.6	2.6	11.2	0.02	128	9	-8.1	-50.21	---	No change,,,,,,,
SEC2GW27	SEC2GW27	2/12/2014 11:24	ADJ	49.6	36.6	2.6	11.2	0.01	129	6	-8.1	-50.21	---	
SEC2GW27	SEC2GW27	3/18/2014 8:36		57.7	40.6	0.6	1.1	0	126	---	-5.3	-53.62	5	Opened valve 1/2 turn or less,,,,,,,
SEC2GW27	SEC2GW27	3/18/2014 8:36	ADJ	57.7	40.6	0.6	1.1	-0.04	127	---	-5.8	-53.62	5	
SEC2GW27	SEC2GW27	4/1/2014 12:53		57.4	40.1	1	1.5	0.04	123	12	-4	-49.36	2	No change,,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2GW27	SEC2GW27	4/1/2014 12:53	ADJ	57.4	40.1	1	1.5	0.02	124	9	-4	-49.36	2	
SEC2GW27	SEC2GW27	5/15/2014 11:46		57.4	42.5	0	0.1	-0.01	120	---	-4.3	-56.41	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW27	SEC2GW27	5/15/2014 11:46	ADJ	57.4	42.5	0	0.1	0	121	4	-5.4	-56.41	---	
SEC2GW27	SEC2GW27	6/10/2014 14:40		58.5	41	0.4	0.1	0.06	122	15	-11.2	-56.23	---	No change,,,,,,,
SEC2GW27	SEC2GW27	6/10/2014 14:40	ADJ	58.5	41	0.4	0.1	0.04	122	12	-11.2	-56.23	---	
SEC2GW27	SEC2GW27	7/16/2014 15:54		54.8	39.2	1.1	4.9	0.04	126	11	-4.7	-56.06	---	No change,,,,,,,
SEC2GW27	SEC2GW27	7/16/2014 15:54	ADJ	54.8	39.2	1.1	4.9	0.01	127	6	-4.7	-56.06	---	
SEC2GW27 was abandoned and replaced with SEC2GW27A in accordance with the 2014 Gas System Improvement Project.														
SEC2GW28	SEC2GW28	1/30/2014 7:12		58	41.5	0.3	0.2	0.04	30	14	1.8	1.84	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW28	SEC2GW28	1/30/2014 7:12	ADJ	58	41.5	0.3	0.2	0.04	30	13	1.8	1.84	---	
SEC2GW28	SEC2GW28	1/30/2014 7:13		57.2	42.6	0.1	0.1	0.03	30	12	1.8	1.84	---	No change,,,,,,,
SEC2GW28	SEC2GW28	1/30/2014 7:13	ADJ	57.2	42.6	0.1	0.1	0.03	30	11	1.8	1.84	---	
SEC2GW28	SEC2GW28	2/10/2014 6:24		43.2	31.5	1.7	23.6	0.3	90	33	-52.5	-53.17	---	No change,,,,,,,
SEC2GW28	SEC2GW28	2/10/2014 6:24	ADJ	43.2	31.5	1.7	23.6	0.38	90	37	-52.4	-53.17	---	
SEC2GW28	SEC2GW28	2/12/2014 9:53		36.9	34.8	1.5	26.8	0.29	93	32	-50.3	-51.07	---	No change,,,,,,,
SEC2GW28	SEC2GW28	2/12/2014 9:53	ADJ	36.9	34.8	1.5	26.8	0.19	93	25	-50.5	-51.07	---	
SEC2GW28	SEC2GW28	3/18/2014 8:58		52.7	40.5	0.5	6.3	-0.07	93	---	-16.8	-52.93	25	Opened valve 1/2 turn or less,,,,,,,
SEC2GW28	SEC2GW28	3/18/2014 8:58	ADJ	52.7	40.5	0.5	6.3	0	95	1	-26	-52.93	30	
SEC2GW28	SEC2GW28	4/2/2014 9:21		48.4	41.6	0.5	9.5	-0.31	98	---	-20.1	-49.79	25	No change,,,,,,,
SEC2GW28	SEC2GW28	4/2/2014 9:21	ADJ	48.4	41.6	0.5	9.5	-0.31	98	---	-20.2	-49.79	25	
SEC2GW28	SEC2GW28	5/15/2014 9:11		56.4	43.3	0.1	0.2	0.01	90	6	-26.2	-56.8	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW28	SEC2GW28	5/15/2014 9:11	ADJ	56.4	43.3	0.1	0.2	0.01	90	7	-27.5	-56.8	---	
SEC2GW28	SEC2GW28	6/11/2014 9:07		56.8	42.8	0.3	0.1	0.08	93	17	-24.8	-54.57	---	No change,,,,,,,
SEC2GW28	SEC2GW28	6/11/2014 9:07	ADJ	56.8	42.8	0.3	0.1	0.08	93	17	-24.8	-54.57	---	
SEC2GW28	SEC2GW28	7/17/2014 10:48		55.5	44.1	0.3	0.1	0.08	96	17	-20.6	-56.37	---	No change,,,,,,,
SEC2GW28	SEC2GW28	7/17/2014 10:48	ADJ	55.5	44.1	0.3	0.1	0.09	96	18	-20.6	-56.37	---	
SEC2GW28 was abandoned and replaced with SEC2GW28A in accordance with the 2014 Gas System Improvement Project.														
SEC2GW30	SEC2GW30	1/30/2014 13:04		59.7	39.9	0.3	0.1	0.03	80	10	-52.4	-52.51	---	No change,,,,,,,
SEC2GW30	SEC2GW30	1/30/2014 13:04	ADJ	59.7	39.9	0.3	0.1	0.04	80	11	-52.4	-52.51	---	
SEC2GW30	SEC2GW30	2/13/2014 9:55		52.8	41.4	2.1	3.7	2.32	50	97	-51.6	-51.05	---	No change,,,,,,,
SEC2GW30	SEC2GW30	2/13/2014 9:55	ADJ	52.8	41.4	2.1	3.7	2.44	51	100	-51.8	-51.05	---	
SEC2GW30	SEC2GW30	3/17/2014 9:52		57.2	41.8	0.9	0.1	0.26	87	31	-53.9	-54.23	60	No change,,,,,,,
SEC2GW30	SEC2GW30	3/17/2014 9:52	ADJ	57.2	41.8	0.9	0.1	0.15	86	23	-54.2	-54.23	60	
SEC2GW30	SEC2GW30	4/1/2014 9:51		57.1	41.9	0.8	0.2	0.08	83	17	-47.9	-48.49	100	No change,,,,,,,
SEC2GW30	SEC2GW30	4/1/2014 9:51	ADJ	57.1	41.9	0.8	0.2	0.13	87	21	-48.5	-48.49	100	
SEC2GW30	SEC2GW30	5/14/2014 10:45		57.3	42.6	0	0.1	0.26	106	30	-55.4	-55.43	---	No change,,,,,,,
SEC2GW30	SEC2GW30	5/14/2014 10:45	ADJ	57.3	42.6	0	0.1	1.28	105	68	-55.4	-55.43	---	
SEC2GW30	SEC2GW30	6/10/2014 9:26		57.4	41.9	0.6	0.1	0.49	102	42	-56.5	-56.58	---	No change,,,,,,,
SEC2GW30	SEC2GW30	6/10/2014 9:26	ADJ	57.4	41.9	0.6	0.1	0.22	102	28	-56.6	-56.58	---	
SEC2GW30	SEC2GW30	7/16/2014 10:10		58.4	41.3	0.2	0.1	0.21	101	27	-55.9	-55.93	---	No change,,,,,,,
SEC2GW30	SEC2GW30	7/16/2014 10:10	ADJ	58.4	41.3	0.2	0.1	0.17	102	24	-55.9	-55.93	---	
SEC2GW30	SEC2GW30	8/13/2014 10:19		47.9	32	4.7	15.4	-0.02	89	---	-52.3	-52.43	---	Closed valve 1/2 turn or less,,,,,,,
SEC2GW30	SEC2GW30	8/13/2014 10:19	ADJ	47.9	32	4.7	15.4	-0.02	90	---	-51.5	-52.43	---	
SEC2GW30	SEC2GW30	9/22/2014 7:54		54.9	39.7	2.1	3.3	0.07	112	16	-11.1	-53.59	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW30	SEC2GW30	9/22/2014 7:54	ADJ	54.9	39.7	2.1	3.3	0.08	113	17	-14.6	-53.59	---	
SEC2GW30	SEC2GW30	10/9/2014 9:02		55.7	42.9	1.3	0.1	0.61	113	48	-22.2	-54.21	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW30	SEC2GW30	10/9/2014 9:02	ADJ	55.7	42.9	1.3	0.1	0.23	114	29	-23.5	-54.21	---	
SEC2GW30	SEC2GW30	11/25/2014 10:31		57.1	41.9	0.8	0.2	0.45	108	41	-27.9	-51.47	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW30	SEC2GW30	11/25/2014 10:31	ADJ	57.1	41.9	0.8	0.2	3.14	110	111	-32.7	-51.47	---	
SEC2GW30	SEC2GW30	12/20/2014 10:53		56.6	42.7	0.6	0.1	1.8	113	84	-28.4	-51.82	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW30	SEC2GW30	12/20/2014 10:53	ADJ	56.6	42.7	0.6	0.1	1.8	114	83	-29.6	-51.82	---	
SEC2GW31	SEC2GW31	1/30/2014 8:33		56.9	34.1	2.5	6.5	0.1	92	19	-41.4	-53.48	---	No change,,,,,,,
SEC2GW31	SEC2GW31	1/30/2014 8:33	ADJ	56.9	34.1	2.5	6.5	0.12	92	21	-41.4	-53.48	---	
SEC2GW31	SEC2GW31	2/13/2014 9:09		59.4	38.6	1.4	0.6	0.49	101	43	-39.4	-51.59	---	No change,,,,,,,
SEC2GW31	SEC2GW31	2/13/2014 9:09	ADJ	59.4	38.6	1.4	0.6	0.56	101	47	-39	-51.59	---	
SEC2GW31	SEC2GW31	3/17/2014 13:03		54.8	44.7	0.3	0.2	0.1	95	19	-16.4	-54.43	15	Opened valve 1/2 turn or less,,,,,,,
SEC2GW31	SEC2GW31	3/17/2014 13:03	ADJ	54.8	44.7	0.3	0.2	0.1	99	19	-36.3	-54.43	25	
SEC2GW31	SEC2GW31	4/1/2014 14:14		57.4	41.3	1.1	0.2	-0.16	99	---	-35.8	-49.88	35	No change,,,,,,,
SEC2GW31	SEC2GW31	4/1/2014 14:14	ADJ	57.4	41.3	1.1	0.2	-0.1	100	---	-35.8	-49.88	35	
SEC2GW31	SEC2GW31	5/15/2014 10:09		57.9	41.9	0.1	0.1	0.12	104	20	-54.6	-56.53	---	No change,,,,,,,
SEC2GW31	SEC2GW31	5/15/2014 10:09	ADJ	57.9	41.9	0.1	0.1	-0.22	104	20	-54.9	-56.53	---	
SEC2GW31	SEC2GW31	6/10/2014 13:28		57.3	42.3	0.3	0.1	0.11	106	19	-53.3	-55.97	---	No change,,,,,,,
SEC2GW31	SEC2GW31	6/10/2014 13:28	ADJ	57.3	42.3	0.3	0.1	0.12	107	20	-53.2	-55.97	---	
SEC2GW31	SEC2GW31	7/16/2014 13:50		58.3	41.2	0.4	0.1	0.06	108	15	-53.8	-55.48	---	No change,,,,,,,
SEC2GW31	SEC2GW31	7/16/2014 13:50	ADJ	58.3	41.2	0.4	0.1	0.09	109	17	-53.8	-55.48	---	
SEC2GW31	SEC2GW31	8/13/2014 10:03		56.4	43.2	0.3	0.1	0.02	110	7	-51.9	-52.27	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW31	SEC2GW31	8/13/2014 10:03	ADJ	56.4	43.2	0.3	0.1	0	110	4	-52	-52.27	---	
SEC2GW31	SEC2GW31	9/22/2014 13:13		56.7	43	0.1	0.2	-1.25	106	---	-1.9	-52.98	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW31	SEC2GW31	9/22/2014 13:13	ADJ	56.7	43	0.1	0.2	-0.87	108	---	-3.5	-52.98	---	
SEC2GW31	SEC2GW31	10/10/2014 15:35		57.1	41.1	1.7	0.1	-0.24	103	---	-5.1	-50.57	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW31	SEC2GW31	10/10/2014 15:35	ADJ	57.1	41.1	1.7	0.1	0.04	105	12	-8.1	-50.57	---	
SEC2GW31	SEC2GW31	11/25/2014 14:23		56.7	42.2	1	0.1	-0.34	72	---	-2	-50.7	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW31	SEC2GW31	11/25/2014 14:23	ADJ	56.7	42.2	1	0.1	0.09	73	19	-5	-50.7	---	
SEC2GW31	SEC2GW31	12/22/2014 6:46		53.4	44.8	1.7	0.1	-0.06	73	---	-4.9	-50.42	---	No change,,,,,,,
SEC2GW31	SEC2GW31	12/22/2014 6:46	ADJ	53.4	44.8	1.7	0.1	-0.05	76	---	-4.9	-50.42	---	
SEC2GW32	SEC2GW32	8/4/2014 11:28		55.9	43.8	0.1	0.2	-0.04	85	---	1.9	-6.63	---	No change,,,,,,,: :
SEC2GW32	SEC2GW32	8/4/2014 11:28	ADJ	55.9	43.8	0.1	0.2	-0.04	86	---	1.9	-6.63	---	
SEC2GW32	SEC2GW32	8/4/2014 11:30		55.8	43.8	0.2	0.2	-0.04	87	---	1.6	-5.1	---	Opened valve 1/2 turn or less,,,,,,,: :
SEC2GW32	SEC2GW32	8/4/2014 11:30	ADJ	55.8	43.8	0.2	0.2	-0.02	86	---	0.8	-5.1	---	
SEC2GW32	SEC2GW32	8/6/2014 12:37		58.2	41.3	0.3	0.2	-0.04	83	---	0.8	-2.15	---	Opened valve 1/2 turn or less,,,,,,,: :
SEC2GW32	SEC2GW32	8/6/2014 12:37	ADJ	58.2	41.3	0.3	0.2	-0.02	83	---	-0.1	-2.15	---	
SEC2GW32	SEC2GW32	8/7/2014 11:37		58	41.6	0.2	0.2	-0.05	82	---	-0.2	-1.25	---	Opened valve 1/2 turn or less,,,,,,,: :
SEC2GW32	SEC2GW32	8/7/2014 11:37	ADJ	58	41.6	0.2	0.2	-0.04	80	---	-1	-1.25	---	
SEC2GW32	SEC2GW32	8/13/2014 14:39		50.8	36.8	3	9.4	0.79	80	59	-0.6	-50.41	---	Closed valve 1/2 turn or less,,,,,,,: :
SEC2GW32	SEC2GW32	8/13/2014 14:39	ADJ	50.8	36.8	3	9.4	0.6	78	51	-0.3	-50.41	---	
SEC2GW32	SEC2GW32	9/23/2014 6:59		59	40.8	0	0.2	-0.07	74	---	-0.4	-51.53	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW32	SEC2GW32	9/23/2014 6:59	ADJ	59	40.8	0	0.2	0.05	76	14	-2.4	-51.53	---	
SEC2GW32	SEC2GW32	10/10/2014 15:20		46.9	34.2	1.9	17	0.07	84	17	-4.5	-50.7	---	Closed valve 1/2 turn or less,,,,,,,
SEC2GW32	SEC2GW32	10/10/2014 15:20	ADJ	46.9	34.2	1.9	17	0	85	17	-3.2	-50.7	---	
SEC2GW32	SEC2GW32	11/25/2014 15:56		60.3	38.8	0.3	0.6	-0.27	44	---	-0.6	-49.22	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW32	SEC2GW32	11/25/2014 15:56	ADJ	60.3	38.8	0.3	0.6	0.38	45	42	-2.6	-49.22	---	
SEC2GW32	SEC2GW32	12/22/2014 10:39		47.9	33.8	2.1	16.2	-0.17	54	---	-2.3	-49.42	---	Closed valve 1/2 turn or less,,,,,,,
SEC2GW32	SEC2GW32	12/22/2014 10:39	ADJ	47.9	33.8	2.1	16.2	-0.2	55	---	-1.5	-49.42	---	
SEC2GW33	SEC2GW33	8/4/2014 14:46		53.4	46.3	0.1	0.2	-0.03	100	---	1.3	-56.99	---	No change,,,,,,,: :
SEC2GW33	SEC2GW33	8/4/2014 14:46	ADJ	53.4	46.3	0.1	0.2	-0.04	100	---	1.3	-56.99	---	
SEC2GW33	SEC2GW33	8/4/2014 14:49		53.1	46.7	0	0.2	-0.02	100	---	2	-56.99	---	Opened valve 1/2 turn or less,,,,,,,: :
SEC2GW33	SEC2GW33	8/4/2014 14:49	ADJ	53.1	46.7	0	0.2	-0.02	123	---	1	-56.99	---	
SEC2GW33	SEC2GW33	8/6/2014 12:25		54.3	45.5	0.1	0.1	-0.03	130	---	-0.1	-56.32	---	Opened valve 1/2 turn or less,,,,,,,: :
SEC2GW33	SEC2GW33	8/6/2014 12:25	ADJ	54.3	45.5	0.1	0.1	-0.03	131	---	-0.2	-56.32	---	
SEC2GW33	SEC2GW33	8/7/2014 11:15		54.7	43.7	1.4	0.2	-0.01	126	---	-0.4	-55.1	---	Opened valve 1/2 turn or less,,,,,,,: :
SEC2GW33	SEC2GW33	8/7/2014 11:15	ADJ	54.7	43.7	1.4	0.2	-0.01	127	---	-0.7	-55.1	---	
SEC2GW33	SEC2GW33	8/12/2014 12:38		54.7	44.3	0.9	0.1	-0.35	128	---	-0.5	-51.33	---	Opened valve 1/2 turn or less,,,,,,,: :
SEC2GW33	SEC2GW33	8/12/2014 12:38	ADJ	54.7	44.3	0.9	0.1	-0.46	129	---	-0.9	-51.33	---	
SEC2GW33	SEC2GW33	9/23/2014 6:01		55.9	43.3	0.6	0.2	0.18	125	26	-3.4	-51.78	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW33	SEC2GW33	9/23/2014 6:01	ADJ	55.9	43.3	0.6	0.2	0.02	128	7	-4.7	-51.78	---	
SEC2GW33	SEC2GW33	10/10/2014 15:11		56	43.2	0.6	0.2	0.06	123	15	-6.5	-50.58	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW33	SEC2GW33	10/10/2014 15:11	ADJ	56	43.2	0.6	0.2	0.08	125	17	-7.7	-50.58	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2GW33	SEC2GW33	11/25/2014 13:56		57.1	42.4	0.4	0.1	-0.08	61	---	-6.1	-48.56	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW33	SEC2GW33	11/25/2014 13:56	ADJ	57.1	42.4	0.4	0.1	0.16	66	26	-7	-48.56	---	
SEC2GW33	SEC2GW33	12/22/2014 6:21		54.3	45.1	0.4	0.2	0.14	56	24	-10	-50.56	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW33	SEC2GW33	12/22/2014 6:21	ADJ	54.3	45.1	0.4	0.2	0.17	61	26	-10.6	-50.56	---	
SEC2GW34	SEC2GW34	8/4/2014 14:56		55.7	44.1	0	0.2	-0.01	91	---	6.1	-57.22	---	No change,,,,,,: :
SEC2GW34	SEC2GW34	8/4/2014 14:56	ADJ	55.7	44.1	0	0.2	-0.01	91	---	5.9	-57.22	---	
SEC2GW34	SEC2GW34	8/4/2014 14:58		56.2	43.6	0	0.2	-0.01	91	---	9	-57.13	---	Opened valve 1/2 turn or less,,,,,,: :
SEC2GW34	SEC2GW34	8/4/2014 14:58	ADJ	56.2	43.6	0	0.2	0	106	---	6.1	-57.13	---	
SEC2GW34	SEC2GW34	8/6/2014 12:21		56.6	43	0.2	0.2	-0.08	112	---	2.3	-56.22	---	Opened valve 1/2 turn or less,,,,,,: :
SEC2GW34	SEC2GW34	8/6/2014 12:21	ADJ	56.6	43	0.2	0.2	-0.02	114	---	-0.2	-56.22	---	
SEC2GW34	SEC2GW34	8/7/2014 11:10		55.1	42.3	1.3	1.3	-0.01	111	---	-0.2	-55.17	---	Opened valve 1/2 turn or less,,,,,,: :
SEC2GW34	SEC2GW34	8/7/2014 11:10	ADJ	55.1	42.3	1.3	1.3	0	111	1	-0.4	-55.17	---	
SEC2GW34	SEC2GW34	8/12/2014 13:48		55.3	43	1.2	0.5	-0.17	112	---	-0.2	-49.9	---	Opened valve 1/2 turn or less,,,,,,: :
SEC2GW34	SEC2GW34	8/12/2014 13:48	ADJ	55.3	43	1.2	0.5	-0.2	113	---	-0.9	-49.9	---	
SEC2GW34	SEC2GW34	9/22/2014 14:01		56.7	42.8	0.3	0.2	0.09	119	18	-17.3	-52.92	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW34	SEC2GW34	9/22/2014 14:01	ADJ	56.7	42.8	0.3	0.2	0.09	119	18	-17.9	-52.92	---	
SEC2GW34	SEC2GW34	10/9/2014 16:18		56.6	43.2	0	0.2	0.06	116	14	-20	-53.82	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW34	SEC2GW34	10/9/2014 16:18	ADJ	56.6	43.2	0	0.2	0.06	117	14	-22.2	-53.82	---	
SEC2GW34	SEC2GW34	11/25/2014 12:43		57.5	42.2	0.2	0.1	-0.88	61	---	-24.1	-50.98	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW34	SEC2GW34	11/25/2014 12:43	ADJ	57.5	42.2	0.2	0.1	-0.48	65	---	-25.8	-50.98	---	
SEC2GW34	SEC2GW34	12/20/2014 11:41		55.8	44	0.1	0.1	0.15	61	24	-28.5	-51.53	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW34	SEC2GW34	12/20/2014 11:41	ADJ	55.8	44	0.1	0.1	0.15	68	24	-29.3	-51.53	---	
SEC2GW35	SEC2GW35	1/29/2014 12:10		58.9	40.2	0.7	0.2	-0.74	90	---	-1.6	-43.52	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW35	SEC2GW35	1/29/2014 12:10	ADJ	58.9	40.2	0.7	0.2	0.15	90	25	-3	-43.52	---	
SEC2GW35	SEC2GW35	2/12/2014 13:48		55.1	39.9	0.6	4.4	0.58	98	49	-4.5	-49.77	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW35	SEC2GW35	2/12/2014 13:48	ADJ	55.1	39.9	0.6	4.4	0.87	99	61	-5.1	-49.77	---	
SEC2GW35	SEC2GW35	3/17/2014 13:38		54.3	45.2	0.4	0.1	1.25	96	72	-6.7	-53.46	5	Opened valve 1/2 turn or less,,,,,,
SEC2GW35	SEC2GW35	3/17/2014 13:38	ADJ	54.3	45.2	0.4	0.1	1.9	98	88	-9.2	-53.46	10	
SEC2GW35	SEC2GW35	4/1/2014 14:52		55.3	43	0.9	0.8	1.48	103	78	-11.2	-48.46	10	No change,,,,,,
SEC2GW35	SEC2GW35	4/1/2014 14:52	ADJ	55.3	43	0.9	0.8	1.44	103	77	-11.1	-48.46	10	
SEC2GW35	SEC2GW35	5/15/2014 10:35		55.9	43.9	0	0.2	1.29	82	74	-16.3	-55.85	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW35	SEC2GW35	5/15/2014 10:35	ADJ	55.9	43.9	0	0.2	1.39	82	76	-16.9	-55.85	---	
SEC2GW35	SEC2GW35	6/10/2014 13:50		50.7	40.7	0.8	7.8	0.82	93	58	-16.5	-55.78	---	No change,,,,,,
SEC2GW35	SEC2GW35	6/10/2014 13:50	ADJ	50.7	40.7	0.8	7.8	0.84	93	58	-16.5	-55.78	---	
SEC2GW35	SEC2GW35	7/16/2014 10:57		57.1	42.5	0.2	0.2	1.06	96	66	-17	-55.89	---	No change,,,,,,
SEC2GW35	SEC2GW35	7/16/2014 10:57	ADJ	57.1	42.5	0.2	0.2	1.04	97	65	-17	-55.89	---	
SEC2GW35	SEC2GW35	8/12/2014 13:57		57.8	41.8	0.2	0.2	1.41	98	76	-16.9	-50.69	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW35	SEC2GW35	8/12/2014 13:57	ADJ	57.8	41.8	0.2	0.2	1.93	98	90	-18.5	-50.69	---	
SEC2GW35	SEC2GW35	9/22/2014 13:47		48.3	36.7	0.7	14.3	3.45	110	116	-30.5	-52.87	---	Closed valve 1/2 turn or less,,,,,,
SEC2GW35	SEC2GW35	9/22/2014 13:47	ADJ	48.3	36.7	0.7	14.3	2.84	110	106	-28.5	-52.87	---	
SEC2GW35	SEC2GW35	10/9/2014 16:10		51.1	37.8	0.5	10.6	3.05	112	110	-27.5	-53.62	---	No change,,,,,,
SEC2GW35	SEC2GW35	10/9/2014 16:10	ADJ	51.1	37.8	0.5	10.6	2.97	112	108	-27.4	-53.62	---	
SEC2GW35	SEC2GW35	11/25/2014 12:30		53	37.6	0.8	8.6	2.75	114	105	-24.7	-50.87	---	No change,,,,,,
SEC2GW35	SEC2GW35	11/25/2014 12:30	ADJ	53	37.6	0.8	8.6	2.73	114	104	-24.7	-50.87	---	
SEC2GW35	SEC2GW35	12/20/2014 11:36		50.2	39.3	0.7	9.8	2.94	112	108	-24.9	-51.27	---	No change,,,,,,
SEC2GW35	SEC2GW35	12/20/2014 11:36	ADJ	50.2	39.3	0.7	9.8	3	113	109	-24.9	-51.27	---	
SEC2GW36	SEC2GW36	1/29/2014 12:40		58.3	39.6	0.6	1.5	0.33	110	35	-38.7	-44.35	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW36	SEC2GW36	1/29/2014 12:40	ADJ	58.3	39.6	0.6	1.5	0.32	110	34	-39.4	-44.35	---	
SEC2GW36	SEC2GW36	2/12/2014 12:42		57.8	40	0.7	1.5	0.27	122	31	-38.8	-42.85	---	No change,,,,,,
SEC2GW36	SEC2GW36	2/12/2014 12:42	ADJ	57.8	40	0.7	1.5	0.28	122	32	-38.6	-42.85	---	
SEC2GW36	SEC2GW36	3/17/2014 13:11		55.6	43	1.2	0.2	0.03	120	10	-40.4	-48.58	75	No change,,,,,,
SEC2GW36	SEC2GW36	3/17/2014 13:11	ADJ	55.6	43	1.2	0.2	0.07	120	15	-40.4	-48.58	75	
SEC2GW36	SEC2GW36	4/1/2014 10:17		54.2	45.3	0.3	0.2	0.07	118	15	-39.5	-45.13	50	No change,,,,,,
SEC2GW36	SEC2GW36	4/1/2014 10:17	ADJ	54.2	45.3	0.3	0.2	0.07	118	15	-39.4	-45.13	50	
SEC2GW36	SEC2GW36	5/15/2014 11:25		57.3	42.5	0.1	0.1	0.23	121	28	-50.4	-53.58	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW36	SEC2GW36	5/15/2014 11:25	ADJ	57.3	42.5	0.1	0.1	0.08	121	16	-51	-53.58	---	
SEC2GW36 was abandoned and replaced with SEC2GW36A in accordance with the 2014 Gas System Improvement Project.														
SEC2GW37	SEC2GW37	1/29/2014 12:54		42.1	32.8	5.6	19.5	0.02	90	8	-1.2	-46.68	---	Closed valve 1/2 turn or less,,,,,,
SEC2GW37	SEC2GW37	1/29/2014 12:54	ADJ	42.1	32.8	5.6	19.5	-0.01	90	8	-0.6	-46.68	---	
SEC2GW37	SEC2GW37	1/29/2014 12:56		42.4	32.8	5.6	19.2	0	90	1	-0.4	-46.75	---	No change,,,,,,
SEC2GW37	SEC2GW37	1/29/2014 12:56	ADJ	42.4	32.8	5.6	19.2	0	90	1	-0.4	-46.75	---	
SEC2GW37	SEC2GW37	2/10/2014 10:19		60	39.5	0.4	0.1	0.13	90	23	-0.4	-43.86	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW37	SEC2GW37	2/10/2014 10:19	ADJ	60	39.5	0.4	0.1	0.21	90	30	-0.5	-43.86	---	
SEC2GW37	SEC2GW37	3/17/2014 13:08		55.3	44.2	0.3	0.2	0.16	96	25	-0.9	-41.25	2	No change,,,,,,
SEC2GW37	SEC2GW37	3/17/2014 13:08	ADJ	55.3	44.2	0.3	0.2	0.14	96	24	-0.8	-41.25	2	
SEC2GW37	SEC2GW37	4/1/2014 10:12		55.4	43.9	0.6	0.1	0.05	95	13	-1.5	-37.6	1	No change,,,,,,
SEC2GW37	SEC2GW37	4/1/2014 10:12	ADJ	55.4	43.9	0.6	0.1	0.07	95	16	-1.5	-37.6	1	
SEC2GW37	SEC2GW37	5/15/2014 11:30		57.7	42.2	0	0.1	0.15	98	24	-2.1	-30.58	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW37	SEC2GW37	5/15/2014 11:30	ADJ	57.7	42.2	0	0.1	0.24	99	31	-2.6	-30.58	---	
SEC2GW37	SEC2GW37	6/12/2014 14:09		57.4	42.1	0.4	0.1	0.08	98	18	-1.6	-18.74	---	No change,,,,,,
SEC2GW37	SEC2GW37	6/12/2014 14:09	ADJ	57.4	42.1	0.4	0.1	0.16	98	25	-1.6	-18.74	---	
SEC2GW37	SEC2GW37	7/16/2014 13:53		58	41.5	0.3	0.2	0.09	102	19	-0.5	-6.7	---	No change,,,,,,
SEC2GW37	SEC2GW37	7/16/2014 13:53	ADJ	58	41.5	0.3	0.2	0.07	102	17	-0.5	-6.7	---	
SEC2GW37	SEC2GW37	8/13/2014 7:39		49.8	39.3	1.8	9.1	0.56	105	47	-6.5	-48.46	---	Closed valve 1/2 turn or less,,,,,,
SEC2GW37	SEC2GW37	8/13/2014 7:39	ADJ	49.8	39.3	1.8	9.1	0.41	104	40	-5.6	-48.46	---	
SEC2GW37	SEC2GW37	9/22/2014 13:20		58.8	39.4	0.5	1.3	0.55	104	48	-7.4	-53.66	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW37	SEC2GW37	9/22/2014 13:20	ADJ	58.8	39.4	0.5	1.3	0.6	105	50	-7.7	-53.66	---	
SEC2GW37	SEC2GW37	10/10/2014 15:29		55	38.5	1.1	5.4	0.63	106	51	-8.1	-50.69	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW37	SEC2GW37	10/10/2014 15:29	ADJ	55	38.5	1.1	5.4	0.68	107	53	-9.1	-50.69	---	
SEC2GW37	SEC2GW37	11/25/2014 14:18		59.3	39.5	0.9	0.3	0.93	107	62	-9.4	-53.84	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW37	SEC2GW37	11/25/2014 14:18	ADJ	59.3	39.5	0.9	0.3	0.93	107	62	-10.1	-53.84	---	
SEC2GW37	SEC2GW37	12/22/2014 6:38		52.6	39.8	1.9	5.7	0.84	109	58	-10.4	-53.62	---	No change,,,,,,
SEC2GW37	SEC2GW37	12/22/2014 6:38	ADJ	52.6	39.8	1.9	5.7	0.87	109	59	-10.4	-53.62	---	
SEC2GW38	SEC2GW38	1/30/2014 12:50		56.8	42.6	0.4	0.2	0.02	111	9	-9.1	-52.36	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW38	SEC2GW38	1/30/2014 12:50	ADJ	56.8	42.6	0.4	0.2	0.06	111	14	-12.2	-52.36	---	
SEC2GW38	SEC2GW38	2/13/2014 9:25		54.9	39.9	0.5	4.7	0.19	114	27	-13.5	-52.75	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW38	SEC2GW38	2/13/2014 9:25	ADJ	54.9	39.9	0.5	4.7	0.13	114	22	-14.8	-52.75	---	
SEC2GW38	SEC2GW38	3/17/2014 10:03		47.7	38.4	2.3	11.6	-0.09	76	---	-45.7	-54.05	25	Closed valve 1/2 to 1 turn,,,,,,
SEC2GW38	SEC2GW38	3/17/2014 10:03	ADJ	47.7	38.4	2.3	11.6	-0.07	74	---	-41.1	-54.05	15	
SEC2GW38	SEC2GW38	4/1/2014 10:08		54.9	44.6	0.4	0.1	-0.04	100	---	-14.3	-48.76	10	Opened valve 1/2 turn or less,,,,,,
SEC2GW38	SEC2GW38	4/1/2014 10:08	ADJ	54.9	44.6	0.4	0.1	-0.04	101	---	-15.6	-48.76	15	
SEC2GW38	SEC2GW38	5/14/2014 10:58		52.2	40.2	0.1	7.5	0.08	95	17	-29.2	-55.39	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW38	SEC2GW38	5/14/2014 10:58	ADJ	52.2	40.2	0.1	7.5	0.09	97	18	-30.2	-55.39	---	
SEC2GW38	SEC2GW38	6/10/2014 9:32		51.2	39.8	0.7	8.3	0.05	100	13	-29.2	-56.34	---	No change,,,,,,
SEC2GW38	SEC2GW38	6/10/2014 9:32	ADJ	51.2	39.8	0.7	8.3	0.09	100	18	-29	-56.34	---	
SEC2GW38	SEC2GW38	7/16/2014 10:29		57.8	41.5	0.1	0.6	0.15	106	23	-25.7	-55.67	---	No change,,,,,,
SEC2GW38	SEC2GW38	7/16/2014 10:29	ADJ	57.8	41.5	0.1	0.6	0.16	106	25	-25.7	-55.67	---	
SEC2GW38	SEC2GW38	8/13/2014 10:30		54.3	42.4	0.3	3	0.1	109	19	-19.7	-52.77	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW38	SEC2GW38	8/13/2014 10:30	ADJ	54.3	42.4	0.3	3	0.01	109	6	-20.6	-52.77	---	
SEC2GW38	SEC2GW38	9/22/2014 8:24		55.4	41.1	0.1	3.4	0.12	107	21	-20.7	-53.43	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW38	SEC2GW38	9/22/2014 8:24	ADJ	55.4	41.1	0.1	3.4	0.12	108	21	-21.9	-53.43	---	
SEC2GW38	SEC2GW38	10/9/2014 15:44		49.6	37.8	0.3	12.3	0.14	109	23	-20.1	-53.78	---	Closed valve 1/2 turn or less,,,,,,
SEC2GW38	SEC2GW38	10/9/2014 15:44	ADJ	49.6	37.8	0.3	12.3	0.1	110	19	-19.2	-53.78	---	
SEC2GW38	SEC2GW38	11/25/2014 10:45		57.3	41.9	0.4	0.4	0.24	105	30	-18.1	-51.21	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW38	SEC2GW38	11/25/2014 10:45	ADJ	57.3	41.9	0.4	0.4	0.23	105	29	-18.9	-51.21	---	
SEC2GW38	SEC2GW38	12/20/2014 11:00		53.2	40.7	0.2	5.9	0.22	104	29	-21	-51.65	---	No change,,,,,,
SEC2GW38	SEC2GW38	12/20/2014 11:00	ADJ	53.2	40.7	0.2	5.9	0.2	104	28	-21	-51.65	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2GW39	SEC2GW39	1/29/2014 13:06		58.4	41.1	0.3	0.2	-0.02	32	---	-4.6	-0.46	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW39	SEC2GW39	1/29/2014 13:06	ADJ	58.4	41.1	0.3	0.2	0.11	32	22	-5.1	-0.46	---	
SEC2GW39	SEC2GW39	2/13/2014 9:19		59.1	39.2	1.5	0.2	0.05	51	14	-51.6	-49.94	---	No change,,,,,,,
SEC2GW39	SEC2GW39	2/13/2014 9:19	ADJ	59.1	39.2	1.5	0.2	-0.1	51	14	-50.4	-49.94	---	
SEC2GW39	SEC2GW39	3/17/2014 13:17		57.1	41.6	1.1	0.2	-0.13	64	---	-53.6	-53.77	90	No change,,,,,,,
SEC2GW39	SEC2GW39	3/17/2014 13:17	ADJ	57.1	41.6	1.1	0.2	-0.22	64	---	-53.4	-53.77	90	
SEC2GW39	SEC2GW39	4/1/2014 10:42		58.2	40.7	0.9	0.2	-0.08	49	---	-48.5	-48.53	100	No change,,,,,,,
SEC2GW39	SEC2GW39	4/1/2014 10:42	ADJ	58.2	40.7	0.9	0.2	-0.22	49	---	-48.3	-48.53	100	
SEC2GW39	SEC2GW39	5/15/2014 10:14		58.6	41.2	0.1	0.1	-0.1	69	---	-56.1	-56.3	---	No change,,,,,,,
SEC2GW39	SEC2GW39	5/15/2014 10:14	ADJ	58.6	41.2	0.1	0.1	-0.07	69	---	-56.3	-56.3	---	
SEC2GW39	SEC2GW39	6/10/2014 13:35		58.1	41.4	0.3	0.2	0.08	88	16	-55	-55.05	---	Opened more than1 turn,,,,,,,
SEC2GW39	SEC2GW39	6/10/2014 13:35	ADJ	58.1	41.4	0.3	0.2	0.13	88	21	-55.1	-55.05	---	
SEC2GW39	SEC2GW39	7/16/2014 10:34		59.6	40	0.3	0.1	0.06	86	15	-53.6	-52.72	---	No change,,,,,,,
SEC2GW39	SEC2GW39	7/16/2014 10:34	ADJ	59.6	40	0.3	0.1	0.02	86	8	-53.1	-52.72	---	
SEC2GW39	SEC2GW39	8/13/2014 7:33		57.3	42.4	0.1	0.2	0.06	87	14	-48	-48.48	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW39	SEC2GW39	8/13/2014 7:33	ADJ	57.3	42.4	0.1	0.2	-0.02	89	14	-48.1	-48.48	---	
SEC2GW39	SEC2GW39	9/22/2014 8:28		58.9	40.9	0.1	0.1	0	86	---	-51.7	-51.7	---	Valve fully open,,,,,,,
SEC2GW39	SEC2GW39	9/22/2014 8:28	ADJ	58.9	40.9	0.1	0.1	0.03	87	10	-51.6	-51.7	---	
SEC2GW39	SEC2GW39	10/9/2014 15:54		59.1	40.6	0.1	0.2	0.05	84	13	-53.7	-53.86	---	No change,Valve fully open,,,,,,
SEC2GW39	SEC2GW39	10/9/2014 15:54	ADJ	59.1	40.6	0.1	0.2	0.08	85	17	-53.8	-53.86	---	
SEC2GW39	SEC2GW39	11/25/2014 10:53		58.5	41.4	0	0.1	-0.48	58	---	-51	-51	---	No change,Valve fully open,,,,,,
SEC2GW39	SEC2GW39	11/25/2014 10:53	ADJ	58.5	41.4	0	0.1	-0.5	58	---	-51	-51	---	
SEC2GW39	SEC2GW39	12/20/2014 11:08		58.8	41	0.1	0.1	-0.24	64	---	-51.5	-51.48	---	No change,Valve fully open,,,,,,
SEC2GW39	SEC2GW39	12/20/2014 11:08	ADJ	58.8	41	0.1	0.1	-0.2	65	---	-51.5	-51.48	---	
SEC2GW3A	SEC2GW3A	8/5/2014 11:56		60.4	39.4	0.1	0.1	0.01	86	5	2.5	-60.62	---	No change,,,,,,: :
SEC2GW3A	SEC2GW3A	8/5/2014 11:56	ADJ	60.4	39.4	0.1	0.1	0.01	87	5	2.5	-60.62	---	
SEC2GW3A	SEC2GW3A	8/5/2014 11:58		60.3	39.5	0.1	0.1	0	88	4	2.6	-60.54	---	Opened valve 1/2 turn or less,,,,,,: :
SEC2GW3A	SEC2GW3A	8/5/2014 11:58	ADJ	60.3	39.5	0.1	0.1	0.02	86	9	1.2	-60.54	---	
SEC2GW3A	SEC2GW3A	8/6/2014 13:43		60.3	36.1	0.9	2.7	-0.02	91	---	-2	-59.99	---	Opened valve 1/2 turn or less,,,,,,: :
SEC2GW3A	SEC2GW3A	8/6/2014 13:43	ADJ	60.3	36.1	0.9	2.7	-0.02	91	---	-2.2	-59.99	---	
SEC2GW3A	SEC2GW3A	8/7/2014 12:11		60.2	36.3	0.7	2.8	-0.02	90	---	-2.4	-59.34	---	Opened valve 1/2 turn or less,,,,,,: :
SEC2GW3A	SEC2GW3A	8/7/2014 12:11	ADJ	60.2	36.3	0.7	2.8	-0.02	90	---	-3	-59.34	---	
SEC2GW3A	SEC2GW3A	8/12/2014 7:09		60.2	38	0.5	1.3	0.02	83	9	-2.9	-60.61	---	Opened valve 1/2 turn or less,,,,,,: :
SEC2GW3A	SEC2GW3A	8/12/2014 7:09	ADJ	60.2	38	0.5	1.3	0.05	84	14	-4.2	-60.61	---	
SEC2GW3A	SEC2GW3A	9/22/2014 12:28		60.9	38.6	0.4	0.1	0.15	97	24	-8	-59.33	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW3A	SEC2GW3A	9/22/2014 12:28	ADJ	60.9	38.6	0.4	0.1	0.24	98	32	-10.4	-59.33	---	
SEC2GW3A	SEC2GW3A	10/9/2014 7:43		60.4	39.2	0.3	0.1	0.17	94	26	-14.7	-60.38	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW3A	SEC2GW3A	10/9/2014 7:43	ADJ	60.4	39.2	0.3	0.1	0.28	95	33	-16.8	-60.38	---	
SEC2GW3A	SEC2GW3A	11/25/2014 8:44		61	38.7	0.1	0.2	0.23	54	32	-11.5	-60.68	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW3A	SEC2GW3A	11/25/2014 8:44	ADJ	61	38.7	0.1	0.2	0.32	55	38	-13.4	-60.68	---	
SEC2GW3A	SEC2GW3A	12/20/2014 10:11		59.9	37.2	0.5	2.4	0.23	59	32	-17	-59.92	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW3A	SEC2GW3A	12/20/2014 10:11	ADJ	59.9	37.2	0.5	2.4	0.2	61	29	-18.1	-59.92	---	
SEC2GW40	SEC2GW40	1/29/2014 13:18		65.5	32.3	1.7	0.5	-0.13	30	---	-47.5	-47.48	---	No change,,,,,,,
SEC2GW40	SEC2GW40	1/29/2014 13:18	ADJ	65.5	32.3	1.7	0.5	-0.13	30	---	-47.3	-47.48	---	
SEC2GW40	SEC2GW40	2/12/2014 13:14		60.6	38.5	0.8	0.1	-0.12	34	---	-23.4	-29.83	---	No change,,,,,,,
SEC2GW40	SEC2GW40	2/12/2014 13:14	ADJ	60.6	38.5	0.8	0.1	0.01	34	7	-29.4	-29.83	---	
SEC2GW40	SEC2GW40	3/17/2014 13:21		58.4	40.5	0.9	0.2	0.02	29	8	-41.3	-41.37	100	No change,,,,,,,
SEC2GW40	SEC2GW40	3/17/2014 13:21	ADJ	58.4	40.5	0.9	0.2	0.53	29	48	-41.2	-41.37	100	
SEC2GW40	SEC2GW40	4/1/2014 10:38		58.5	40.6	0.7	0.2	0.76	25	59	-37.4	-37.19	100	No change,,,,,,,
SEC2GW40	SEC2GW40	4/1/2014 10:38	ADJ	58.5	40.6	0.7	0.2	-0.33	25	59	-37.6	-37.19	100	
SEC2GW40	SEC2GW40	5/15/2014 10:17		60	39.8	0	0.2	0.06	60	16	-36.9	-36.79	---	No change,,,,,,,
SEC2GW40	SEC2GW40	5/15/2014 10:17	ADJ	60	39.8	0	0.2	0.28	61	34	-36.7	-36.79	---	
SEC2GW40 was abandoned and replaced with SEC2GW40A in accordance with the 2014 Gas System Improvement Project.														
SEC2GW41	SEC2GW41	1/29/2014 13:24		60.8	38.1	0.9	0.2	-0.2	30	---	-45.5	-51.05	---	No change,,,,,,,
SEC2GW41	SEC2GW41	1/29/2014 13:24	ADJ	60.8	38.1	0.9	0.2	0.02	30	8	-45.5	-51.05	---	
SEC2GW41	SEC2GW41	2/12/2014 13:21		61	37.9	0.9	0.2	0.1	36	20	-45.8	-49.2	---	No change,,,,,,,
SEC2GW41	SEC2GW41	2/12/2014 13:21	ADJ	61	37.9	0.9	0.2	0.21	37	30	-46	-49.2	---	
SEC2GW41	SEC2GW41	3/17/2014 13:25		58.3	40.2	1.4	0.1	-0.17	30	---	-51	-53.66	75	No change,,,,,,,
SEC2GW41	SEC2GW41	3/17/2014 13:25	ADJ	58.3	40.2	1.4	0.1	-0.08	31	---	-51	-53.66	75	
SEC2GW41	SEC2GW41	4/1/2014 10:34		57.5	41.8	0.5	0.2	-0.01	27	---	-48.4	-48.44	100	No change,,,,,,,
SEC2GW41	SEC2GW41	4/1/2014 10:34	ADJ	57.5	41.8	0.5	0.2	0.1	27	20	-48.4	-48.44	100	
SEC2GW41	SEC2GW41	5/15/2014 10:21		58.9	40.9	0	0.2	0	63	1	-56	-56.16	---	No change,,,,,,,
SEC2GW41	SEC2GW41	5/15/2014 10:21	ADJ	58.9	40.9	0	0.2	-0.1	63	1	-56	-56.16	---	
SEC2GW41	SEC2GW41	6/10/2014 13:39		59.1	40.5	0.2	0.2	-0.02	88	---	-55.1	-55.36	---	No change,,,,,,,
SEC2GW41	SEC2GW41	6/10/2014 13:39	ADJ	59.1	40.5	0.2	0.2	0.07	33	16	-55.1	-55.36	---	
SEC2GW41	SEC2GW41	7/16/2014 10:43		60	39.1	0.5	0.4	0.09	84	18	-55.9	-55.85	---	No change,,,,,,,
SEC2GW41	SEC2GW41	7/16/2014 10:43	ADJ	60	39.1	0.5	0.4	0.02	84	8	-55.9	-55.85	---	
SEC2GW41	SEC2GW41	8/13/2014 7:30		57.4	42.2	0.2	0.2	0.05	85	12	-49.5	-49.57	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW41	SEC2GW41	8/13/2014 7:30	ADJ	57.4	42.2	0.2	0.2	-0.06	85	12	-49.6	-49.57	---	
SEC2GW41	SEC2GW41	9/22/2014 8:32		59.2	40.6	0	0.2	0.04	80	11	-53.2	-53.2	---	Valve fully open,,,,,,,
SEC2GW41	SEC2GW41	9/22/2014 8:32	ADJ	59.2	40.6	0	0.2	0.08	80	17	-53.2	-53.2	---	
SEC2GW41	SEC2GW41	10/9/2014 16:01		59.1	40.7	0.1	0.1	0.06	73	15	-53.7	-53.78	---	No change,Valve fully open,,,,,,
SEC2GW41	SEC2GW41	10/9/2014 16:01	ADJ	59.1	40.7	0.1	0.1	0.05	74	13	-53.7	-53.78	---	
SEC2GW41	SEC2GW41	11/25/2014 11:03		57.8	42	0	0.2	0.13	41	22	-50.8	-50.91	---	No change,Valve fully open,,,,,,
SEC2GW41	SEC2GW41	11/25/2014 11:03	ADJ	57.8	42	0	0.2	0.15	40	24	-50.8	-50.91	---	
SEC2GW41	SEC2GW41	12/20/2014 11:21		58.9	40.9	0.1	0.1	0.11	42	21	-51.4	-51.38	---	No change,Valve fully open,,,,,,
SEC2GW41	SEC2GW41	12/20/2014 11:21	ADJ	58.9	40.9	0.1	0.1	0.06	42	14	-51.4	-51.38	---	
SEC2GW42	SEC2GW42	1/29/2014 13:36		58.1	41.4	0.4	0.1	-0.12	80	---	-18.2	-44.88	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW42	SEC2GW42	1/29/2014 13:36	ADJ	58.1	41.4	0.4	0.1	-0.04	80	---	-33.1	-44.88	---	
SEC2GW42	SEC2GW42	2/12/2014 13:28		59.5	39.7	0.6	0.2	-0.22	89	---	-37.6	-43.22	---	No change,,,,,,,
SEC2GW42	SEC2GW42	2/12/2014 13:28	ADJ	59.5	39.7	0.6	0.2	0.52	89	45	-37.8	-43.22	---	
SEC2GW42	SEC2GW42	3/17/2014 13:29		57.1	41.7	1	0.2	0.18	85	25	-47.4	-46.91	75	Opened valve 1/2 turn or less,,,,,,,
SEC2GW42	SEC2GW42	3/17/2014 13:29	ADJ	57.1	41.7	1	0.2	0.21	84	28	-48.9	-46.91	78	
SEC2GW42	SEC2GW42	4/1/2014 10:30		56.9	42.3	0.7	0.1	0.05	79	13	-45	-43.2	100	No change,,,,,,,
SEC2GW42	SEC2GW42	4/1/2014 10:30	ADJ	56.9	42.3	0.7	0.1	0.01	79	5	-45	-43.2	100	
SEC2GW42	SEC2GW42	5/15/2014 10:24		57.7	42.1	0	0.2	0.31	96	34	-53.8	-53.95	---	No change,,,,,,,
SEC2GW42	SEC2GW42	5/15/2014 10:24	ADJ	57.7	42.1	0	0.2	0.37	96	37	-53.9	-53.95	---	
SEC2GW42	SEC2GW42	6/10/2014 13:42		57.5	42.1	0.2	0.2	0.25	99	30	-52.4	-52.45	---	No change,,,,,,,
SEC2GW42	SEC2GW42	6/10/2014 13:42	ADJ	57.5	42.1	0.2	0.2	0.29	99	32	-52.5	-52.45	---	
SEC2GW42	SEC2GW42	7/16/2014 10:46		58.7	41	0.2	0.1	0.27	99	31	-54.3	-54.39	---	No change,,,,,,,
SEC2GW42	SEC2GW42	7/16/2014 10:46	ADJ	58.7	41	0.2	0.1	0.24	99	29	-54.3	-54.39	---	
SEC2GW42	SEC2GW42	8/13/2014 7:27		56.7	43.2	0	0.1	0.12	99	20	-47.4	-47.6	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW42	SEC2GW42	8/13/2014 7:27	ADJ	56.7	43.2	0	0.1	0.16	99	24	-47.5	-47.6	---	
SEC2GW42	SEC2GW42	9/22/2014 8:36		58.1	41.8	0	0.1	0.28	98	32	-51.7	-51.35	---	Valve fully open,,,,,,,
SEC2GW42	SEC2GW42	9/22/2014 8:36	ADJ	58.1	41.8	0	0.1	0.37	98	36	-51.7	-51.35	---	
SEC2GW42	SEC2GW42	10/9/2014 16:04		58	41.9	0	0.1	0.06	93	14	-52.9	-51.67	---	No change,Valve fully open,,,,,,
SEC2GW42	SEC2GW42	10/9/2014 16:04	ADJ	58	41.9	0	0.1	-0.06	94	14	-52.8	-51.67	---	
SEC2GW42	SEC2GW42	11/25/2014 11:12		56.7	43.2	0	0.1	0.06	75	15	-17.3	-16.36	---	No change,Header Vacuum loss,,,,,,
SEC2GW42	SEC2GW42	11/25/2014 11:12	ADJ	56.7	43.2	0	0.1	0.18	76	27	-17.3	-16.36	---	
SEC2GW42	SEC2GW42	12/20/2014 11:26		57.2	42.5	0.1	0.2	0.31	90	34	-51.3	-51.31	---	No change,Valve fully open,,,,,,
SEC2GW42	SEC2GW42	12/20/2014 11:26	ADJ	57.2	42.5	0.1	0.2	0.48	88	42	-51.3	-51.31	---	
SEC2GW43	SEC2GW43	1/29/2014 13:42		43.5	28.8	4.8	22.9	-0.13	90	---	-1.3	-51.65	---	No change,,,,,,,
SEC2GW43	SEC2GW43	1/29/2014 13:42	ADJ	43.5	28.8	4.8	22.9	-0.16	90	---	-1	-51.65	---	
SEC2GW43	SEC2GW43	2/13/2014 13:36		53	35	2	10	0.12	84	22	-0.4	-50.72	---	No change,,,,,,,
SEC2GW43	SEC2GW43	2/13/2014 13:36	ADJ	53	35	2	10	0.12	84	22	-0.4	-50.72	---	
SEC2GW43	SEC2GW43	3/17/2014 13:34		54.3	37.2	2.3	6.2	-0.19	82	---	-0.7	-53.5	3	No change,,,,,,,
SEC2GW43	SEC2GW43	3/17/2014 13:34	ADJ	54.3	37.2	2.3	6.2	-0.21	82	---	-0.7	-53.5	3	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2GW43	SEC2GW43	4/1/2014 10:22		51.1	36.9	2.9	9.1	-0.3	77	---	-0.8	-48.33	1	No change,,,,,,,
SEC2GW43	SEC2GW43	4/1/2014 10:22	ADJ	51.1	36.9	2.9	9.1	-0.3	77	---	-0.8	-48.33	1	
SEC2GW43	SEC2GW43	5/15/2014 10:31		59	40.9	0	0.1	0.11	91	21	-0.6	-56.48	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW43	SEC2GW43	5/15/2014 10:31	ADJ	59	40.9	0	0.1	0.17	92	27	-1.1	-56.48	---	
SEC2GW43 was abandoned and replaced with SEC2GW43A in accordance with the 2014 Gas System Improvement Project.														
SEC2GW44	SEC2GW44	8/4/2014 9:35		43.5	56.2	0.2	0.1	0	89	1	1.5	-58.08	---	No change,,,,,,,: :
SEC2GW44	SEC2GW44	8/4/2014 9:35	ADJ	43.5	56.2	0.2	0.1	0	90	2	1.5	-58.08	---	
SEC2GW44	SEC2GW44	8/4/2014 9:44		43.1	56.7	0.1	0.1	0.02	88	8	0.4	-58.03	---	Opened valve 1/2 turn or less,,,,,,,: :
SEC2GW44	SEC2GW44	8/4/2014 9:44	ADJ	43.1	56.7	0.1	0.1	0.02	88	8	0.4	-58.03	---	
SEC2GW44	SEC2GW44	8/6/2014 9:29		43.6	56	0.2	0.2	0	85	---	1	-57.53	---	Opened valve 1/2 turn or less,,,,,,,: :
SEC2GW44	SEC2GW44	8/6/2014 9:29	ADJ	43.6	56	0.2	0.2	0.02	87	7	-0.1	-57.53	---	
SEC2GW44	SEC2GW44	8/7/2014 10:38		43.1	56.5	0.2	0.2	0	88	2	-0.7	-56.65	---	Closed valve 1/2 turn or less,,,,,,,: :
SEC2GW44	SEC2GW44	8/7/2014 10:38	ADJ	43.1	56.5	0.2	0.2	0.01	90	4	-0.4	-56.65	---	
SEC2GW44	SEC2GW44	8/12/2014 11:51		41.8	57.8	0.2	0.2	0	85	2	0.9	-54.68	---	Opened valve 1/2 turn or less,,,,,,,: :
SEC2GW44	SEC2GW44	8/12/2014 11:51	ADJ	41.8	57.8	0.2	0.2	0.01	88	6	-0.2	-54.68	---	
SEC2GW44	SEC2GW44	9/23/2014 7:06		45.7	53.7	0.4	0.2	0.09	89	17	-2.7	-52.3	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC2GW44	SEC2GW44	9/23/2014 7:06	ADJ	45.7	53.7	0.4	0.2	0.03	87	9	-0.6	-52.3	---	
SEC2GW44	SEC2GW44	10/10/2014 12:15		51.1	48.7	0	0.2	0.11	87	21	-0.4	-52.13	---	No change,,,,,,,
SEC2GW44	SEC2GW44	10/10/2014 12:15	ADJ	51.1	48.7	0	0.2	0.13	88	22	-0.4	-52.13	---	
SEC2GW44	SEC2GW44	11/25/2014 16:03		55.9	43.8	0.2	0.1	-0.86	49	---	-0.4	-55.13	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW44	SEC2GW44	11/25/2014 16:03	ADJ	55.9	43.8	0.2	0.1	-0.36	52	---	-1.4	-55.13	---	
SEC2GW44	SEC2GW44	12/22/2014 10:49		55.1	44.5	0.2	0.2	0.04	57	13	-3.7	-51.24	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW44	SEC2GW44	12/22/2014 10:49	ADJ	55.1	44.5	0.2	0.2	0.07	60	17	-4.8	-51.24	---	
SEC2GW52	SEC2GW52	8/4/2014 9:47		55.4	44	0.4	0.2	0.01	122	5	1.3	-58.57	---	No change,,,,,,,: :
SEC2GW52	SEC2GW52	8/4/2014 9:47	ADJ	55.4	44	0.4	0.2	0.01	122	6	1.4	-58.57	---	
SEC2GW52	SEC2GW52	8/4/2014 9:50		55.7	43.8	0.3	0.2	0.01	122	6	1.3	-58.58	---	Opened valve 1/2 turn or less,,,,,,,: :
SEC2GW52	SEC2GW52	8/4/2014 9:50	ADJ	55.7	43.8	0.3	0.2	0.03	127	11	0.7	-58.58	---	
SEC2GW52	SEC2GW52	8/6/2014 9:34		57.8	41.9	0.2	0.1	0.01	129	5	0.6	-58.12	---	Opened valve 1/2 turn or less,,,,,,,: :
SEC2GW52	SEC2GW52	8/6/2014 9:34	ADJ	57.8	41.9	0.2	0.1	0.11	131	21	-0.1	-58.12	---	
SEC2GW52	SEC2GW52	8/7/2014 10:43		56.6	43	0.2	0.2	0.08	125	17	-0.5	-57.39	---	Opened valve 1/2 turn or less,,,,,,,: :
SEC2GW52	SEC2GW52	8/7/2014 10:43	ADJ	56.6	43	0.2	0.2	0.12	127	21	-0.9	-57.39	---	
SEC2GW52	SEC2GW52	8/12/2014 11:55		57	42.7	0.1	0.2	0.13	125	22	-1.1	-55.48	---	Opened valve 1/2 turn or less,,,,,,,: :
SEC2GW52	SEC2GW52	8/12/2014 11:55	ADJ	57	42.7	0.1	0.2	0.17	126	26	-1.4	-55.48	---	
SEC2GW52	SEC2GW52	9/23/2014 7:09		56.6	43.3	0	0.1	0.1	123	19	-1.7	-53.56	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW52	SEC2GW52	9/23/2014 7:09	ADJ	56.6	43.3	0	0.1	0.34	125	36	-2.8	-53.56	---	
SEC2GW52	SEC2GW52	10/10/2014 12:19		58.1	41.8	0	0.1	0.35	124	37	-3.4	-54.08	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW52	SEC2GW52	10/10/2014 12:19	ADJ	58.1	41.8	0	0.1	0.64	125	50	-4.6	-54.08	---	
SEC2GW52	SEC2GW52	11/26/2014 7:57		57.1	42.5	0.3	0.1	0.71	76	55	-8	-54.52	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW52	SEC2GW52	11/26/2014 7:57	ADJ	57.1	42.5	0.3	0.1	1	79	66	-9	-54.52	---	
SEC2GW52	SEC2GW52	12/22/2014 10:56		56	43.9	0	0.1	0.21	67	30	-0.2	-51.55	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW52	SEC2GW52	12/22/2014 10:56	ADJ	56	43.9	0	0.1	0.22	67	30	-1.3	-51.55	---	
SEC2GW5A	SEC2GEW5	1/30/2014 13:45		65.5	33.9	0.5	0.1	2.42	70	103	-51.2	-52.65	---	No change,,,,,,,
SEC2GW5A	SEC2GEW5	1/30/2014 13:45	ADJ	65.5	33.9	0.5	0.1	4.07	70	134	-52.6	-52.65	---	
SEC2GW5A	SEC2GEW5	2/13/2014 10:24		53	34.9	2.2	9.9	1.12	71	67	-50.8	-52.6	---	Closed valve 1/2 turn or less,,,,,,,
SEC2GW5A	SEC2GEW5	2/13/2014 10:24	ADJ	53	34.9	2.2	9.9	0.82	71	57	-50.1	-52.6	---	
SEC2GW5A	SEC2GEW5	3/17/2014 9:24		58.7	39.4	0.5	1.4	1.4	69	75	-52.7	-55.46	100	Opened 1/2 to 1 turn,,,,,,,
SEC2GW5A	SEC2GEW5	3/17/2014 9:24	ADJ	58.7	39.4	0.5	1.4	1.21	69	70	-53.5	-55.46	100	
SEC2GW5A	SEC2GEW5	4/1/2014 8:39		61.1	34.9	1.4	2.6	0.94	68	63	-48.3	-49.86	100	No change,,,,,,,
SEC2GW5A	SEC2GEW5	4/1/2014 8:39	ADJ	61.1	34.9	1.4	2.6	0.74	68	55	-48.4	-49.86	100	
SEC2GW5A	SEC2GEW5	5/14/2014 10:17		59.7	40.2	0	0.1	1.22	70	70	-54	-55.85	---	No change,,,,,,,
SEC2GW5A	SEC2GEW5	5/14/2014 10:17	ADJ	59.7	40.2	0	0.1	1.22	70	70	-54	-55.85	---	
SEC2GW5A	SEC2GEW5	6/10/2014 9:06		58.6	40.6	0.3	0.5	1	72	63	-55.1	-56.83	---	No change,,,,,,,
SEC2GW5A	SEC2GEW5	6/10/2014 9:06	ADJ	58.6	40.6	0.3	0.5	1.27	72	71	-55.2	-56.83	---	
SEC2GW5A	SEC2GEW5	7/16/2014 9:50		59.6	40.2	0	0.2	0.94	75	61	-55.3	-56.82	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW5A	SEC2GEW5	7/16/2014 9:50	ADJ	59.6	40.2	0	0.2	1.03	75	64	-55.4	-56.82	---	
SEC2GW5A	SEC2GEW5	8/12/2014 7:18		59.3	40	0.5	0.2	1.16	77	67	-56.3	-57.86	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW5A	SEC2GEW5	8/12/2014 7:18	ADJ	59.3	40	0.5	0.2	1.17	78	68	-56.4	-57.86	---	
SEC2GW5A	SEC2GEW5	9/22/2014 7:27		59.6	40.1	0.2	0.1	1.03	80	63	-53.5	-54.69	---	Valve fully open,,,,,,,
SEC2GW5A	SEC2GEW5	9/22/2014 7:27	ADJ	59.6	40.1	0.2	0.1	1.03	80	63	-53.5	-54.69	---	
SEC2GW5A	SEC2GEW5	10/9/2014 8:00		59.5	40.1	0.2	0.2	0.89	80	59	-54.9	-56.09	---	No change,Valve fully open,,,,,,
SEC2GW5A	SEC2GEW5	10/9/2014 8:00	ADJ	59.5	40.1	0.2	0.2	1.09	80	65	-54.9	-56.09	---	
SEC2GW5A	SEC2GEW5	11/25/2014 8:53		59.3	40.3	0.2	0.2	0.95	75	61	-50.6	-51.76	---	No change,Valve fully open,,,,,,
SEC2GW5A	SEC2GEW5	11/25/2014 8:53	ADJ	59.3	40.3	0.2	0.2	0.77	75	55	-50.6	-51.76	---	
SEC2GW5A	SEC2GEW5	12/20/2014 10:22		59.4	39.2	0.2	1.2	1.06	74	65	-51	-52.31	---	No change,Valve fully open,,,,,,
SEC2GW5A	SEC2GEW5	12/20/2014 10:22	ADJ	59.4	39.2	0.2	1.2	1.01	74	64	-51	-52.31	---	
SEC2GW61	SEC2GW61	1/30/2014 7:21		38.6	21.1	2.7	37.6	0.02	40	9	-55.1	-55.02	---	Closed more than 1 turn,,,,,,,
SEC2GW61	SEC2GW61	1/30/2014 7:21	ADJ	38.6	21.1	2.7	37.6	0.05	40	14	-55	-55.02	---	
SEC2GW61	SEC2GW61	2/13/2014 13:59		32	32.5	2.5	33	0.12	90	19	-56.4	-55.98	---	No change,,,,,,,
SEC2GW61	SEC2GW61	2/13/2014 13:59	ADJ	32	32.5	2.5	33	0.08	90	16	-55.3	-55.98	---	
SEC2GW61	SEC2GW61	3/18/2014 9:04		30.1	31.3	4.4	34.2	-0.09	93	---	-54.6	-54.12	50	Closed more than 1 turn,,,,,,,
SEC2GW61	SEC2GW61	3/18/2014 9:04	ADJ	30.1	31.3	4.4	34.2	-0.11	91	---	-50	-54.12	10	
SEC2GW61	SEC2GW61	4/2/2014 9:18		34.8	33.8	2.6	28.8	-0.21	97	---	-44.4	-49.94	60	Closed valve 1/2 turn or less,,,,,,,
SEC2GW61	SEC2GW61	4/2/2014 9:18	ADJ	34.8	33.8	2.6	28.8	-0.25	96	---	-41.8	-49.94	35	
SEC2GW61	SEC2GW61	5/19/2014 13:55		45	36.2	4.2	14.6	0.22	88	29	-24.8	-52.7	---	No change,,,,,,,
SEC2GW61	SEC2GW61	5/19/2014 13:55	ADJ	45	36.2	4.2	14.6	0.21	88	28	-24.9	-52.7	---	
SEC2GW61	SEC2GW61	6/11/2014 9:11		41.8	36.9	4.2	17.1	0.06	102	14	-29	-28.41	---	Closed valve 1/2 turn or less,,,,,,,
SEC2GW61	SEC2GW61	6/11/2014 9:11	ADJ	41.8	36.9	4.2	17.1	0.06	102	14	-28.6	-28.41	---	
SEC2GW61	SEC2GW61	7/17/2014 10:52		34.5	31.7	3	30.8	0.1	110	19	-7.4	-7.42	---	No change,,,,,,,
SEC2GW61	SEC2GW61	7/17/2014 10:52	ADJ	34.5	31.7	3	30.8	0.1	110	19	-7.4	-7.42	---	
SEC2GW61 was abandoned and replaced with SEC2GW61A in accordance with the 2014 Gas System Improvement Project.														
SEC2GW62	SEC2GW62	1/29/2014 10:05		52.7	20.7	3.4	23.2	-0.18	110	---	-52.3	-52.28	---	Closed more than 1 turn,,,,,,,
SEC2GW62	SEC2GW62	1/29/2014 10:05	ADJ	52.7	20.7	3.4	23.2	-0.18	110	---	-52.2	-52.28	---	
SEC2GW62 was abandoned in accordance with the 01/02/14 approval.														
SEC2GW6A	SEC2GEW6	1/30/2014 13:39		62.2	37.2	0.5	0.1	0.2	55	29	-36.4	-54.18	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW6A	SEC2GEW6	1/30/2014 13:39	ADJ	62.2	37.2	0.5	0.1	1.07	55	69	-38.5	-54.18	---	
SEC2GW6A	SEC2GEW6	2/13/2014 10:19		55	35.5	1.6	7.9	0.15	57	24	-41.9	-53.52	---	No change,,,,,,,
SEC2GW6A	SEC2GEW6	2/13/2014 10:19	ADJ	55	35.5	1.6	7.9	0.17	57	26	-41.8	-53.52	---	
SEC2GW6A	SEC2GEW6	3/17/2014 9:28		59.6	38.2	0.6	1.6	0.22	56	30	-45	-56.6	75	Opened valve 1/2 turn or less,,,,,,,
SEC2GW6A	SEC2GEW6	3/17/2014 9:28	ADJ	59.6	38.2	0.6	1.6	0.29	56	34	-47.9	-56.6	90	
SEC2GW6A	SEC2GEW6	4/1/2014 9:38		61.1	36.9	0.6	1.4	-0.02	55	---	-44.8	-50.72	100	No change,,,,,,,
SEC2GW6A	SEC2GEW6	4/1/2014 9:38	ADJ	61.1	36.9	0.6	1.4	0.11	55	21	-44.9	-50.72	100	
SEC2GW6A	SEC2GEW6	5/14/2014 10:21		60.9	38.9	0	0.2	0.41	61	41	-48.8	-57.73	---	No change,,,,,,,
SEC2GW6A	SEC2GEW6	5/14/2014 10:21	ADJ	60.9	38.9	0	0.2	0.43	61	42	-48.8	-57.73	---	
SEC2GW6A	SEC2GEW6	6/10/2014 9:09		59.6	40	0.3	0.1	0.36	64	38	-51.4	-58.39	---	No change,,,,,,,
SEC2GW6A	SEC2GEW6	6/10/2014 9:09	ADJ	59.6	40	0.3	0.1	0.31	64	35	-51.4	-58.39	---	
SEC2GW6A	SEC2GEW6	7/16/2014 9:53		60	39.1	0	0.9	0.29	70	34	-50.8	-57.71	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW6A	SEC2GEW6	7/16/2014 9:53	ADJ	60	39.1	0	0.9	0.45	70	42	-52.3	-57.71	---	
SEC2GW6A	SEC2GEW6	8/12/2014 7:21		56.3	38	1.1	4.6	0.46	70	42	-57.2	-59.06	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW6A	SEC2GEW6	8/12/2014 7:21	ADJ	56.3	38	1.1	4.6	1.87	70	86	-59	-59.06	---	
SEC2GW6A	SEC2GEW6	9/22/2014 7:29		60.2	39.3	0.3	0.2	0.37	70	38	-55	-55.43	---	Valve fully open,,,,,,,
SEC2GW6A	SEC2GEW6	9/22/2014 7:29	ADJ	60.2	39.3	0.3	0.2	0.37	71	38	-55	-55.43	---	
SEC2GW6A	SEC2GEW6	10/9/2014 8:17		60.2	39.2	0.4	0.2	0.33	70	36	-55.4	-55.81	---	No change,Valve fully open,,,,,,
SEC2GW6A	SEC2GEW6	10/9/2014 8:17	ADJ	60.2	39.2	0.4	0.2	0.36	70	37	-55.4	-55.81	---	
SEC2GW6A	SEC2GEW6	11/25/2014 8:57		59.8	39.9	0.1	0.2	0.31	64	35	-52.8	-53.24	---	No change,Valve fully open,,,,,,
SEC2GW6A	SEC2GEW6	11/25/2014 8:57	ADJ	59.8	39.9	0.1	0.2	0.36	64	37	-52.9	-53.24	---	
SEC2GW6A	SEC2GEW6	12/20/2014 10:27		61	38.7	0.1	0.2	0.38	61	39	-53	-53.38	---	No change,Valve fully open,,,,,,
SEC2GW6A	SEC2GEW6	12/20/2014 10:27	ADJ	61	38.7	0.1	0.2	0.42	61	41	-52.9	-53.38	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2GW7A	SEC2GEW7	1/30/2014 13:34		60.4	37.2	1.4	1	5.87	60	164	-34.1	-52.12	---	No change,,,,,,,
SEC2GW7A	SEC2GEW7	1/30/2014 13:34	ADJ	60.4	37.2	1.4	1	5.9	60	164	-34.2	-52.12	---	
SEC2GW7A	SEC2GEW7	2/13/2014 10:15		61	38.3	0.5	0.2	0.38	56	40	-40.6	-52.87	---	No change,,,,,,,
SEC2GW7A	SEC2GEW7	2/13/2014 10:15	ADJ	61	38.3	0.5	0.2	0.3	56	36	-40.5	-52.87	---	
SEC2GW7A	SEC2GEW7	3/17/2014 9:32		60.3	38.9	0.7	0.1	0.23	55	30	-44.1	-54.05	75	Opened valve 1/2 turn or less,,,,,,,
SEC2GW7A	SEC2GEW7	3/17/2014 9:32	ADJ	60.3	38.9	0.7	0.1	0.51	55	46	-45.9	-54.05	80	
SEC2GW7A	SEC2GEW7	4/1/2014 9:42		61.8	36.4	1.1	0.7	0.06	54	15	-42.8	-48.36	100	No change,,,,,,,
SEC2GW7A	SEC2GEW7	4/1/2014 9:42	ADJ	61.8	36.4	1.1	0.7	-0.05	54	15	-42.8	-48.36	100	
SEC2GW7A	SEC2GEW7	5/14/2014 10:24		60.6	39.2	0	0.2	0.34	59	37	-44.8	-55.44	---	No change,,,,,,,
SEC2GW7A	SEC2GEW7	5/14/2014 10:24	ADJ	60.6	39.2	0	0.2	0.28	59	34	-44.8	-55.44	---	
SEC2GW7A	SEC2GEW7	6/10/2014 9:13		59.7	39.9	0.2	0.2	0.28	62	33	-47.4	-56.54	---	No change,,,,,,,
SEC2GW7A	SEC2GEW7	6/10/2014 9:13	ADJ	59.7	39.9	0.2	0.2	0.29	62	34	-47.3	-56.54	---	
SEC2GW7A	SEC2GEW7	7/16/2014 9:55		60.5	39.3	0	0.2	0.31	66	35	-46.2	-55.82	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW7A	SEC2GEW7	7/16/2014 9:55	ADJ	60.5	39.3	0	0.2	0.38	66	39	-47	-55.82	---	
SEC2GW7A	SEC2GEW7	8/12/2014 7:25		59.4	39.2	0.6	0.8	0.37	68	38	-57.5	-58.26	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW7A	SEC2GEW7	8/12/2014 7:25	ADJ	59.4	39.2	0.6	0.8	0.26	68	31	-57.7	-58.26	---	
SEC2GW7A	SEC2GEW7	9/22/2014 7:35		60.1	39.3	0.5	0.1	0.34	69	37	-53.5	-53.95	---	Valve fully open,,,,,,,
SEC2GW7A	SEC2GEW7	9/22/2014 7:35	ADJ	60.1	39.3	0.5	0.1	0.38	69	39	-53.5	-53.95	---	
SEC2GW7A	SEC2GEW7	10/9/2014 8:23		60.4	38.7	0.8	0.1	0.4	68	39	-53.7	-54.14	---	No change,Valve fully open,,,,,,
SEC2GW7A	SEC2GEW7	10/9/2014 8:23	ADJ	60.4	38.7	0.8	0.1	0.33	68	36	-53.7	-54.14	---	
SEC2GW7A	SEC2GEW7	11/25/2014 9:03		59.6	39.6	0.6	0.2	0.15	61	24	-51.2	-51.6	---	No change,Valve fully open,,,,,,
SEC2GW7A	SEC2GEW7	11/25/2014 9:03	ADJ	59.6	39.6	0.6	0.2	0.18	61	27	-51.2	-51.6	---	
SEC2GW7A	SEC2GEW7	12/20/2014 10:38		54.5	35.3	2.9	7.3	0.31	59	35	-51.6	-51.95	---	No change,Valve fully open,,,,,,
SEC2GW7A	SEC2GEW7	12/20/2014 10:38	ADJ	54.5	35.3	2.9	7.3	0.34	59	37	-51.6	-51.95	---	
SEC2GW9A	SEC2GW9R	1/30/2014 8:43		59.5	39.1	1.3	0.1	0.01	99	6	-52	-52.24	---	No change,,,,,,,
SEC2GW9A	SEC2GW9R	1/30/2014 8:43	ADJ	59.5	39.1	1.3	0.1	-0.17	99	6	-52	-52.24	---	
SEC2GW9A	SEC2GW9R	2/13/2014 8:45		56.8	42	1	0.2	0.05	103	13	-48.3	-46.12	---	No change,,,,,,,
SEC2GW9A	SEC2GW9R	2/13/2014 8:45	ADJ	56.8	42	1	0.2	0	99	1	-47.6	-46.12	---	
SEC2GW9A	SEC2GW9R	3/17/2014 12:55		54.6	41.4	2	2	-0.15	98	---	-53.7	-53.91	90	No change,,,,,,,
SEC2GW9A	SEC2GW9R	3/17/2014 12:55	ADJ	54.6	41.4	2	2	-0.18	95	---	-53.7	-53.91	90	
SEC2GW9A	SEC2GW9R	4/1/2014 14:03		57.1	40.9	1.4	0.6	-0.46	81	---	-49.5	-49.52	100	No change,,,,,,,
SEC2GW9A	SEC2GW9R	4/1/2014 14:03	ADJ	57.1	40.9	1.4	0.6	-0.23	81	---	-49.3	-49.52	100	
SEC2GW9A	SEC2GW9R	5/15/2014 9:43		57.2	42.7	0	0.1	-0.02	83	---	-56	-55.89	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW9A	SEC2GW9R	5/15/2014 9:43	ADJ	57.2	42.7	0	0.1	0.04	81	11	-56	-55.89	---	
SEC2GW9A	SEC2GW9R	6/10/2014 13:20		57	42.6	0.2	0.2	0.08	96	16	-55.8	-55.6	---	No change,,,,,,,
SEC2GW9A	SEC2GW9R	6/10/2014 13:20	ADJ	57	42.6	0.2	0.2	0	95	2	-55.4	-55.6	---	
SEC2GW9A	SEC2GW9R	7/16/2014 13:40		58.5	40.8	0.5	0.2	0.1	97	18	-55.5	-55.59	---	No change,,,,,,,
SEC2GW9A	SEC2GW9R	7/16/2014 13:40	ADJ	58.5	40.8	0.5	0.2	0.01	97	6	-55.6	-55.59	---	
SEC2GW9A	SEC2GW9R	8/12/2014 9:31		59.6	39.4	0.8	0.2	-0.06	98	---	-56.7	-57.36	---	Opened valve 1/2 turn or less,,,,,,,
SEC2GW9A	SEC2GW9R	8/12/2014 9:31	ADJ	59.6	39.4	0.8	0.2	-0.06	94	---	-57.3	-57.36	---	
SEC2GW9A	SEC2GW9R	9/22/2014 13:08		58.5	40.8	0.5	0.2	0.08	96	16	-52.3	-53.11	---	Opened valve 1/2 turn or less,Valve fully open,,,,,,
SEC2GW9A	SEC2GW9R	9/22/2014 13:08	ADJ	58.5	40.8	0.5	0.2	-0.03	98	16	-53.1	-53.11	---	
SEC2GW9A	SEC2GW9R	10/10/2014 15:43		57.8	41.4	0.7	0.1	-0.05	91	---	-50.5	-50.56	---	No change,Valve fully open,,,,,,
SEC2GW9A	SEC2GW9R	10/10/2014 15:43	ADJ	57.8	41.4	0.7	0.1	-0.05	91	---	-50.4	-50.56	---	
SEC2GW9A	SEC2GW9R	11/25/2014 14:38		58	41.3	0.5	0.2	0.04	81	12	-50.7	-50.71	---	No change,Valve fully open,,,,,,
SEC2GW9A	SEC2GW9R	11/25/2014 14:38	ADJ	58	41.3	0.5	0.2	0.08	82	16	-50.6	-50.71	---	
SEC2GW9A	SEC2GW9R	12/22/2014 8:01		56.4	43.2	0.3	0.1	0.07	94	16	-50.3	-50.37	---	No change,Valve fully open,,,,,,
SEC2GW9A	SEC2GW9R	12/22/2014 8:01	ADJ	56.4	43.2	0.3	0.1	0.11	94	19	-50.3	-50.37	---	
SEC2Main	SEC2Main	1/20/2014 10:09		41.8	29.3	5.1	23.8	---	45	---	-63	-62.89	---	No change,,,,,,,
SEC2Main	SEC2Main	1/20/2014 10:09	ADJ	41.8	29.3	5.1	23.8	---	45	---	-62.8	-62.89	---	
SEC2Main	SEC2Main	1/28/2014 8:03		39.5	24.4	7	29.1	---	44	---	-63.7	-63.81	---	No change,,,,,,,
SEC2Main	SEC2Main	1/28/2014 8:03	ADJ	39.5	24.4	7	29.1	---	44	---	-63.8	-63.81	---	
SEC2Main	SEC2Main	1/29/2014 6:31		40.5	29.2	6	24.3	---	44	---	-59.9	-59.96	---	,,,,,,,
SEC2Main	SEC2Main	1/29/2014 6:31	ADJ	40.5	29.2	6	24.3	---	44	---	-59.9	-59.96	---	
SEC2Main	SEC2Main	1/29/2014 14:10		48.1	30.6	3.9	17.4	---	44	---	-62.9	-62.82	---	,,,,,,,
SEC2Main	SEC2Main	1/29/2014 14:10	ADJ	48.1	30.6	3.9	17.4	---	44	---	-62.8	-62.82	---	
SEC2Main	SEC2Main	1/30/2014 6:17		42.6	30.2	5.1	22.1	---	44	---	-62.6	-62.62	---	,,,,,,,
SEC2Main	SEC2Main	1/30/2014 6:17	ADJ	42.6	30.2	5.1	22.1	---	44	---	-62.6	-62.62	---	
SEC2Main	SEC2Main	1/30/2014 14:57		47.3	32	3	17.7	---	45	---	-63.5	-63.5	---	,,,,,,,
SEC2Main	SEC2Main	1/30/2014 14:57	ADJ	47.3	32	3	17.7	---	45	---	-63.5	-63.5	---	
SEC2Main	SEC2Main	2/3/2014 8:30		42.9	30.8	3.2	23.1	---	44	---	-64.8	-64.77	---	No change,,,,,,,
SEC2Main	SEC2Main	2/3/2014 8:30	ADJ	42.9	30.8	3.2	23.1	---	44	---	-64.7	-64.77	---	
SEC2Main	SEC2Main	2/10/2014 10:28		39.9	24.7	6.2	29.2	---	42	---	-64.5	-64.71	---	No change,,,,,,,
SEC2Main	SEC2Main	2/10/2014 10:28	ADJ	39.9	24.7	6.2	29.2	---	42	---	-64.5	-64.71	---	
SEC2Main	SEC2Main	2/12/2014 6:10		48	27.7	3.3	21	---	43	---	-63.2	-63.12	---	No change,,,,,,,
SEC2Main	SEC2Main	2/12/2014 6:10	ADJ	48	27.7	3.3	21	---	43	---	-63	-63.12	---	
SEC2Main	SEC2Main	2/12/2014 14:56		41.1	29.2	5.1	24.6	---	45	---	-61.7	-61.99	---	,,,,,,,
SEC2Main	SEC2Main	2/12/2014 14:56	ADJ	41.1	29.2	5.1	24.6	---	45	---	-61.9	-61.99	---	
SEC2Main	SEC2Main	2/13/2014 7:42		46.3	32.6	3.3	17.8	---	43	---	-61.7	-61.69	---	No change,,,,,,,
SEC2Main	SEC2Main	2/13/2014 7:42	ADJ	46.3	32.6	3.3	17.8	---	43	---	-61.8	-61.69	---	
SEC2Main	SEC2Main	2/13/2014 15:10		46.3	37.6	2.8	13.3	---	43	---	-63.6	-63.4	---	,,,,,,,
SEC2Main	SEC2Main	2/13/2014 15:10	ADJ	46.3	37.6	2.8	13.3	---	43	---	-63.1	-63.4	---	
SEC2Main	SEC2Main	2/18/2014 12:55		40.7	30.1	4.9	24.3	---	43	---	-61.9	-61.93	---	No change,,,,,,,
SEC2Main	SEC2Main	2/18/2014 12:55	ADJ	40.7	30.1	4.9	24.3	---	43	---	-61.8	-61.93	---	
SEC2Main	SEC2Main	2/24/2014 10:49		42	28.3	4.7	25	---	42	---	-63.9	-63.71	---	No change,,,,,,,
SEC2Main	SEC2Main	2/24/2014 10:49	ADJ	42	28.3	4.7	25	---	42	---	-63.7	-63.71	---	
SEC2Main	SEC2Main	3/3/2014 19:01		41.5	30.1	4.8	23.6	---	42	---	-56.2	-56.26	---	No change,,,,,,,
SEC2Main	SEC2Main	3/3/2014 19:01	ADJ	41.5	30.1	4.8	23.6	---	42	---	-56.1	-56.26	---	
SEC2Main	SEC2Main	3/6/2014 8:55		43.2	30.5	4.5	21.8	---	42	---	-55.7	-55.55	---	No change,,,,,,,
SEC2Main	SEC2Main	3/6/2014 8:55	ADJ	43.2	30.5	4.5	21.8	---	42	---	-55.8	-55.55	---	
SEC2Main	SEC2Main	3/10/2014 13:45		43.8	31.1	4.3	20.8	---	42	---	-54.1	-54.05	---	No change,,,,,,,
SEC2Main	SEC2Main	3/10/2014 13:45	ADJ	43.8	31.1	4.3	20.8	---	42	---	-54	-54.05	---	
SEC2Main	SEC2Main	3/17/2014 6:51		49.7	34.2	2.4	13.7	---	41	---	-62.4	-62.57	---	,,,,,,,
SEC2Main	SEC2Main	3/17/2014 6:51	ADJ	49.7	34.2	2.4	13.7	---	41	---	-62.6	-62.57	---	
SEC2Main	SEC2Main	3/17/2014 15:03		45.3	33	3.3	18.4	---	41	---	-63.7	-62.07	100	,,,,,,,
SEC2Main	SEC2Main	3/17/2014 15:03	ADJ	45.3	33	3.3	18.4	---	41	---	-62	-62.07	100	
SEC2Main	SEC2Main	3/18/2014 6:41		46.3	33.4	3	17.3	---	41	---	-64	-62.53	---	,,,,,,,
SEC2Main	SEC2Main	3/18/2014 6:41	ADJ	46.3	33.4	3	17.3	---	41	---	-62.4	-62.53	---	
SEC2Main	SEC2Main	3/18/2014 12:58		46.8	33.4	3	16.8	---	41	---	-61	-60.92	---	,,,,,,,
SEC2Main	SEC2Main	3/18/2014 12:58	ADJ	46.8	33.4	3	16.8	---	41	---	-60.9	-60.92	---	
SEC2Main	SEC2Main	3/24/2014 14:19		42.8	32	3.9	21.3	---	41	---	-62.3	-62.48	---	No change,,,,,,,
SEC2Main	SEC2Main	3/24/2014 14:19	ADJ	42.8	32	3.9	21.3	---	41	---	-62.5	-62.48	---	
SEC2Main	SEC2Main	3/31/2014 13:46		43	31.9	4.3	20.8	---	42	---	-55.9	-56.01	---	No change,,,,,,,
SEC2Main	SEC2Main	3/31/2014 13:46	ADJ	43	31.9	4.3	20.8	---	43	---	-56	-56.01	---	
SEC2Main	SEC2Main	3/31/2014 13:46		43	31.9	4.3	20.8	---	42	---	-55.9	-55.91	---	No change,,,,,,,
SEC2Main	SEC2Main	3/31/2014 13:46	ADJ	43	31.9	4.3	20.8	---	42	---	-55.8	-55.91	---	
SEC2Main	SEC2Main	4/1/2014 8:12		43.6	31.5	4.4	20.5	---	41	---	-56.7	-56.77	---	No change,,,,,,,
SEC2Main	SEC2Main	4/1/2014 8:12	ADJ	43.6	31.5	4.4	20.5	---	41	---	-56.8	-56.77	---	
SEC2Main	SEC2Main	4/1/2014 15:39		47.6	37.2	2.4	12.8	---	41	---	-57.8	-57.88	---	,,,,,,,
SEC2Main	SEC2Main	4/1/2014 15:39	ADJ	47.6	37.2	2.4	12.8	---	41	---	-57.8	-57.88	---	
SEC2Main	SEC2Main	4/2/2014 8:40		45.9	32.5	2.7	18.9	---	41	---	-58.7	-58.37	---	,,,,,,,
SEC2Main	SEC2Main	4/2/2014 8:40	ADJ	45.9	32.5	2.7	18.9	---	41	---	-58.3	-58.37	---	
SEC2Main	SEC2Main	4/2/2014 11:39		47.8	36.9	1.7	13.6	---	45	---	-59.2	-59.26	---	,,,,,,,
SEC2Main	SEC2Main	4/2/2014 11:39	ADJ	47.8	36.9	1.7	13.6	---	45	---	-59.2	-59.26	---	
SEC2Main	SEC2Main	4/7/2014 16:02		51	36.7	1.3	11	---	44	---	-62	-61.92	---	No change,,,,,,,
SEC2Main	SEC2Main	4/7/2014 16:02	ADJ	51	36.7	1.3	11	---	44	---	-61.9	-61.92	---	
SEC2Main	SEC2Main	4/21/2014 13:30		50.8	36.3	1.6	11.3	---	47	---	-64.1	-64.33	---	No change,,,,,,,
SEC2Main	SEC2Main	4/21/2014 13:30	ADJ	50.8	36.3	1.6	11.3	---	47	---	-64.3	-64.33	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2Main	SEC2Main	4/29/2014 14:54		54.3	39	0.9	5.8	---	47	---	-63.4	-63.46	---	No change,,,,,,,
SEC2Main	SEC2Main	4/29/2014 14:54	ADJ	54.3	39	0.9	5.8	---	47	---	-63.3	-63.46	---	
SEC2Main	SEC2Main	5/5/2014 15:12		53.2	37.1	1.7	8	---	---	---	-65.8	-65.89	---	No change,,,,,,,
SEC2Main	SEC2Main	5/5/2014 15:12	ADJ	53.2	37.1	1.7	8	---	---	---	-65.8	-65.89	---	
SEC2Main	SEC2Main	5/12/2014 15:12		53.7	37.7	1.5	7.1	---	50	---	-63.3	-63.44	---	No change,,,,,,,
SEC2Main	SEC2Main	5/12/2014 15:12	ADJ	53.7	37.7	1.5	7.1	---	50	---	-63.5	-63.44	---	
SEC2Main	SEC2Main	5/14/2014 8:58		53.3	37.9	1.2	7.6	---	55	---	-63.9	-62.95	---	No change,,,,,,,
SEC2Main	SEC2Main	5/14/2014 8:58	ADJ	53.3	37.9	1.2	7.6	---	56	---	-62.9	-62.95	---	
SEC2Main	SEC2Main	5/14/2014 15:34		52.8	37.7	1.4	8.1	---	51	---	-66.4	-66.55	---	No change,,,,,,,
SEC2Main	SEC2Main	5/14/2014 15:34	ADJ	52.8	37.7	1.4	8.1	---	50	---	-66.4	-66.55	---	
SEC2Main	SEC2Main	5/15/2014 8:10		53.6	37.6	1.3	7.5	---	50	---	-66.5	-66.53	---	No change,,,,,,,
SEC2Main	SEC2Main	5/15/2014 8:10	ADJ	53.6	37.6	1.3	7.5	---	50	---	-66.6	-66.53	---	
SEC2Main	SEC2Main	5/15/2014 17:02		49.4	36.2	2.5	11.9	---	51	---	-66.8	-67	---	No change,,,,,,,
SEC2Main	SEC2Main	5/15/2014 17:02	ADJ	49.4	36.2	2.5	11.9	---	50	---	-66.8	-67	---	
SEC2Main	SEC2Main	5/19/2014 9:15		52.5	38	1.4	8.1	---	51	---	-65.2	-65.33	---	No change,,,,,,,
SEC2Main	SEC2Main	5/19/2014 9:15	ADJ	52.5	38	1.4	8.1	---	51	---	-65.2	-65.33	---	
SEC2Main	SEC2Main	5/19/2014 14:07		54	38.9	1.4	5.7	---	51	---	-65.6	-65.6	---	No change,,,,,,,
SEC2Main	SEC2Main	5/19/2014 14:07	ADJ	54	38.9	1.4	5.7	---	51	---	-65.6	-65.6	---	
SEC2Main	SEC2Main	5/27/2014 14:10		52	37.9	1.7	8.4	---	53	---	-64.9	-64.93	---	,,,,,,,
SEC2Main	SEC2Main	5/27/2014 14:10	ADJ	52	37.9	1.7	8.4	---	53	---	-64.9	-64.93	---	
SEC2Main	SEC2Main	6/3/2014 15:03		52.9	38.3	1.4	7.4	---	57	---	-62.8	-63.32	---	No change,,,,,,,
SEC2Main	SEC2Main	6/3/2014 15:03	ADJ	52.9	38.3	1.4	7.4	---	56	---	-63	-63.32	---	
SEC2Main	SEC2Main	6/10/2014 8:28		51.8	37.6	1.8	8.8	---	58	---	-63.7	-64.07	---	No change,,,,,,,
SEC2Main	SEC2Main	6/10/2014 8:28	ADJ	51.8	37.6	1.8	8.8	---	58	---	-63.9	-64.07	---	
SEC2Main	SEC2Main	6/10/2014 15:35		51.7	36.4	2.1	9.8	---	59	---	-61.9	-62.16	---	No change,,,,,,,
SEC2Main	SEC2Main	6/10/2014 15:35	ADJ	51.7	36.4	2.1	9.8	---	59	---	-62	-62.16	---	
SEC2Main	SEC2Main	6/11/2014 7:39		49.7	36.5	2.3	11.5	---	59	---	-63.4	-63.27	---	No change,,,,,,,
SEC2Main	SEC2Main	6/11/2014 7:39	ADJ	49.7	36.5	2.3	11.5	---	59	---	-63.4	-63.27	---	
SEC2Main	SEC2Main	6/11/2014 16:23		50.1	35.3	2.1	12.5	---	60	---	-62.1	-62.25	---	No change,,,,,,,
SEC2Main	SEC2Main	6/11/2014 16:23	ADJ	50.1	35.3	2.1	12.5	---	59	---	-61.9	-62.25	---	
SEC2Main	SEC2Main	6/17/2014 15:30		43.9	34.8	2	19.3	---	60	---	-62.3	-62.21	---	No change,,,,,,,
SEC2Main	SEC2Main	6/17/2014 15:30	ADJ	43.9	34.8	2	19.3	---	60	---	-62.1	-62.21	---	
SEC2Main	SEC2Main	6/24/2014 9:11		46.2	35.6	1.6	16.6	---	62	---	-63.7	-63.71	---	No change,,,,,,,
SEC2Main	SEC2Main	6/24/2014 9:11	ADJ	46.2	35.6	1.6	16.6	---	61	---	-63.7	-63.71	---	
SEC2Main	SEC2Main	7/1/2014 15:20		48.7	37.2	1.6	12.5	---	64	---	-62.1	-62.05	---	No change,,,,,,,
SEC2Main	SEC2Main	7/1/2014 15:20	ADJ	48.7	37.2	1.6	12.5	---	64	---	-62.1	-62.05	---	
SEC2Main	SEC2Main	7/8/2014 15:18		48	36.4	1.5	14.1	---	65	---	-62.4	-62.51	---	No change,,,,,,,
SEC2Main	SEC2Main	7/8/2014 15:18	ADJ	48	36.4	1.5	14.1	---	65	---	-62.5	-62.51	---	
SEC2Main	SEC2Main	7/15/2014 13:57		46.6	35.5	2.1	15.8	---	66	---	-62.8	-62.74	---	No change,,,,,,,
SEC2Main	SEC2Main	7/15/2014 13:57	ADJ	46.6	35.5	2.1	15.8	---	66	---	-62.8	-62.74	---	
SEC2Main	SEC2Main	7/16/2014 7:51		46.2	35.3	2.3	16.2	---	66	---	-63.3	-63.64	---	No change,,,,,,,
SEC2Main	SEC2Main	7/16/2014 7:51	ADJ	46.2	35.3	2.3	16.2	---	66	---	-63.3	-63.64	---	
SEC2Main	SEC2Main	7/16/2014 16:26		46.7	34.9	2.1	16.3	---	66	---	-62.4	-62.37	---	No change,,,,,,,
SEC2Main	SEC2Main	7/16/2014 16:26	ADJ	46.7	34.9	2.1	16.3	---	66	---	-62.3	-62.37	---	
SEC2Main	SEC2Main	7/17/2014 9:43		45.9	35.4	2.3	16.4	---	66	---	-62.9	-62.94	---	No change,,,,,,,
SEC2Main	SEC2Main	7/17/2014 9:43	ADJ	45.9	35.4	2.3	16.4	---	66	---	-62.9	-62.94	---	
SEC2Main	SEC2Main	8/7/2014 7:14		46.9	34.5	4.2	14.4	---	66	---	-62.8	-62.84	---	No change,,,,,,,
SEC2Main	SEC2Main	8/7/2014 7:14	ADJ	46.9	34.5	4.2	14.4	---	66	---	-62.9	-62.84	---	
SEC2Main	SEC2Main	8/7/2014 14:43		50.1	36.4	3	10.5	---	67	---	-62.3	-62.37	---	No change,,,,,,,
SEC2Main	SEC2Main	8/7/2014 14:43	ADJ	50.1	36.4	3	10.5	---	67	---	-62.1	-62.37	---	
SEC2Main	SEC2Main	8/12/2014 6:37		50.2	36.2	3.2	10.4	---	67	---	-63.4	-63.37	---	No change,,,,,,,
SEC2Main	SEC2Main	8/12/2014 6:37	ADJ	50.2	36.2	3.2	10.4	---	67	---	-63.3	-63.37	---	
SEC2Main	SEC2Main	8/12/2014 14:44		50.1	37.9	2.6	9.4	---	72	---	-60	-60.05	---	No change,,,,,,,
SEC2Main	SEC2Main	8/12/2014 14:44	ADJ	50.1	37.9	2.6	9.4	---	69	---	-59.8	-60.05	---	
SEC2Main	SEC2Main	8/13/2014 5:39		46.5	36.3	4.2	13	---	68	---	-60	-59.93	---	No change,,,,,,,
SEC2Main	SEC2Main	8/13/2014 5:39	ADJ	46.5	36.3	4.2	13	---	68	---	-60	-59.93	---	
SEC2Main	SEC2Main	8/13/2014 14:58		50.8	37.8	2.4	9	---	70	---	-60.3	-60.25	---	No change,,,,,,,
SEC2Main	SEC2Main	8/13/2014 14:58	ADJ	50.8	37.8	2.4	9	---	68	---	-60.4	-60.25	---	
SEC2Main	SEC2Main	8/29/2014 13:04		47.1	34.9	2.6	15.4	---	69	---	-58.6	-58.71	---	No change,,,,,,,
SEC2Main	SEC2Main	8/29/2014 13:04	ADJ	47.1	34.9	2.6	15.4	---	69	---	-58.7	-58.71	---	
SEC2Main	SEC2Main	9/8/2014 13:15		44.9	32.9	4.5	17.7	---	68	---	-59.5	-59.65	---	No change,,,,,,,
SEC2Main	SEC2Main	9/8/2014 13:15	ADJ	44.9	32.9	4.5	17.7	---	68	---	-59.6	-59.65	---	
SEC2Main	SEC2Main	9/22/2014 6:43		49.4	36.2	2.3	12.1	---	65	---	-62.4	-62.38	---	No change,,,,,,,
SEC2Main	SEC2Main	9/22/2014 6:43	ADJ	49.4	36.2	2.3	12.1	---	65	---	-62.6	-62.38	---	
SEC2Main	SEC2Main	9/23/2014 4:45		50.8	36.7	2.2	10.3	---	65	---	-62	-61.91	---	No change,,,,,,,
SEC2Main	SEC2Main	9/23/2014 4:45	ADJ	50.8	36.7	2.2	10.3	---	65	---	-62.1	-61.91	---	
SEC2Main	SEC2Main	9/23/2014 14:11		51.1	36.9	1.4	10.6	---	67	---	-61.7	-61.97	---	No change,,,,,,,
SEC2Main	SEC2Main	9/23/2014 14:11	ADJ	51.1	36.9	1.4	10.6	---	65	---	-61.8	-61.97	---	
SEC2Main	SEC2Main	10/2/2014 8:38		52.1	37.8	1.3	8.8	---	65	---	-61.7	-61.63	---	
SEC2Main	SEC2Main	10/2/2014 8:38	ADJ	52.1	37.8	1.3	8.8	---	65	---	-61.7	-61.63	---	
SEC2Main	SEC2Main	10/9/2014 5:54		51.5	37.5	1.7	9.3	---	64	---	-62.9	-62.95	---	No change,,,,,,,
SEC2Main	SEC2Main	10/9/2014 5:54	ADJ	51.5	37.5	1.7	9.3	---	64	---	-62.9	-62.95	---	
SEC2Main	SEC2Main	10/9/2014 16:36		51.4	37.1	1.8	9.7	---	64	---	-61.8	-61.88	---	No change,,,,,,,
SEC2Main	SEC2Main	10/9/2014 16:36	ADJ	51.4	37.1	1.8	9.7	---	64	---	-61.8	-61.88	---	
SEC2Main	SEC2Main	10/10/2014 8:18		51.7	37.3	1.4	9.6	---	63	---	-62.9	-62.93	---	No change,,,,,,,
SEC2Main	SEC2Main	10/10/2014 8:18	ADJ	51.7	37.3	1.4	9.6	---	63	---	-62.9	-62.93	---	
SEC2Main	SEC2Main	10/10/2014 16:32		52.7	37.1	1.9	8.3	---	64	---	-60.3	-60.35	---	No change,,,,,,,
SEC2Main	SEC2Main	10/10/2014 16:32	ADJ	52.7	37.1	1.9	8.3	---	64	---	-60.2	-60.35	---	
SEC2Main	SEC2Main	10/13/2014 6:09		53.9	38.2	1.7	6.2	---	63	---	-60.1	-60.23	---	No change,,,,,,,
SEC2Main	SEC2Main	10/13/2014 6:09	ADJ	53.9	38.2	1.7	6.2	---	63	---	-60.2	-60.23	---	
SEC2Main	SEC2Main	11/19/2014 14:57		48.9	34.7	4.1	12.3	---	55	---	-61.4	-61.45	---	No change,,,,,,,
SEC2Main	SEC2Main	11/19/2014 14:57	ADJ	48.9	34.7	4.1	12.3	---	55	---	-61.3	-61.45	---	
SEC2Main	SEC2Main	11/20/2014 7:30		51.6	36.8	3.1	8.5	---	54	---	-62.2	-62.15	---	No change,,,,,,,
SEC2Main	SEC2Main	11/20/2014 7:30	ADJ	51.6	36.8	3.1	8.5	---	54	---	-62.2	-62.15	---	
SEC2Main	SEC2Main	11/25/2014 8:10		52.3	37.8	2.2	7.7	---	53	---	-61.8	-61.89	---	No change,,,,,,,
SEC2Main	SEC2Main	11/25/2014 8:10	ADJ	52.3	37.8	2.2	7.7	---	53	---	-61.9	-61.89	---	
SEC2Main	SEC2Main	11/25/2014 16:38		52.2	36.5	2.6	8.7	---	54	---	-60.7	-60.7	---	No change,,,,,,,
SEC2Main	SEC2Main	11/25/2014 16:38	ADJ	52.2	36.5	2.6	8.7	---	53	---	-60.7	-60.7	---	
SEC2Main	SEC2Main	11/26/2014 7:14		51.7	36.2	2.9	9.2	---	54	---	-61.1	-61.08	---	No change,,,,,,,
SEC2Main	SEC2Main	11/26/2014 7:14	ADJ	51.7	36.2	2.9	9.2	---	53	---	-61.1	-61.08	---	
SEC2Main	SEC2Main	12/13/2014 8:29		45.4	34.4	3.4	16.8	---	50	---	-61	-61	---	No change,,,,,,,
SEC2Main	SEC2Main	12/13/2014 8:29	ADJ	45.4	34.4	3.4	16.8	---	49	---	-60.9	-61	---	
SEC2Main	SEC2Main	12/16/2014 6:06		48.8	35.4	2.7	13.1	---	49	---	-61.7	-61.6	---	No change,,,,,,,
SEC2Main	SEC2Main	12/16/2014 6:06	ADJ	48.8	35.4	2.7	13.1	---	49	---	-61.6	-61.6	---	
SEC2Main	SEC2Main	12/20/2014 9:48		48.9	34.7	2.8	13.6	---	48	---	-62.2	-62.05	---	No change,,,,,,,
SEC2Main	SEC2Main	12/20/2014 9:48	ADJ	48.9	34.7	2.8	13.6	---	48	---	-61.9	-62.05	---	
SEC2Main	SEC2Main	12/20/2014 12:22		49.4	36.9	2.4	11.3	---	49	---	-61.6	-61.68	---	No change,,,,,,,
SEC2Main	SEC2Main	12/20/2014 12:22	ADJ	49.4	36.9	2.4	11.3	---	48	---	-61.5	-61.68	---	
SEC2Main	SEC2Main	12/22/2014 5:24		48.6	36.4	2.8	12.2	---	48	---	-61.1	-61.38	---	No change,,,,,,,
SEC2Main	SEC2Main	12/22/2014 5:24	ADJ	48.6	36.4	2.8	12.2	---	48	---	-61.1	-61.38	---	
SEC2Main	SEC2Main	12/22/2014 16:22		50.8	36.8	2.6	9.8	---	49	---	-61.6	-61.76	---	No change,,,,,,,
SEC2Main	SEC2Main	12/22/2014 16:22	ADJ	50.8	36.8	2.6	9.8	---	49	---	-61.7	-61.76	---	
SEC2MH08	SEC2MH08	1/29/2014 8:12		0.3	9.7	20.6	69.4	0.05	30	15	-0.2	-56.14	---	No change,,,,,,,
SEC2MH08	SEC2MH08	1/29/2014 8:12	ADJ	0.3	9.7	20.6	69.4	0.07	30	17	-0.3	-56.14	---	
SEC2MH08	SEC2MH08	1/29/2014 8:24		0.4	9	20.8	69.8	0.02	30	9	-0.3	-56.3	---	No change,,,,,,,
SEC2MH08	SEC2MH08	1/29/2014 8:24	ADJ	0.4	9	20.8	69.8	0.17	30	27	-0.3	-56.3	---	
SEC2MH08	SEC2MH08	2/12/2014 6:46		25.5	11.6	14	48.9	0.12	43	23	-0.2	-55.15	---	Closed valve 1/2 turn or less,,,,,,,
SEC2MH08	SEC2MH08	2/12/2014 6:46	ADJ	25.5	11.6	14	48.9	0.1	43	21	-0.2	-55.15	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2MH08	SEC2MH08	2/12/2014 6:48		26.1	12.6	13.4	47.9	0.06	42	15	-0.2	-55.36	---	No change,,,,,,,
SEC2MH08	SEC2MH08	2/12/2014 6:48	ADJ	26.1	12.6	13.4	47.9	0.13	42	24	-0.1	-55.36	---	
SEC2MH08	SEC2MH08	3/17/2014 7:05		0.4	2.1	21.7	75.8	0.18	38	27	-0.2	-56.8	---	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	3/17/2014 7:05	ADJ	0.4	2.1	21.7	75.8	0.19	39	28	-0.2	-56.8	---	
SEC2MH08	SEC2MH08	3/17/2014 7:06		0.4	1.8	21.9	75.9	0.16	39	26	-0.2	-56.92	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	3/17/2014 7:06	ADJ	0.4	1.8	21.9	75.9	0.11	39	21	-0.2	-56.92	1	
SEC2MH08	SEC2MH08	4/2/2014 8:47		0.1	1.3	18.9	79.7	0.01	37	6	-0.1	-52.07	---	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	4/2/2014 8:47	ADJ	0.1	1.3	18.9	79.7	0.01	39	5	-0.1	-52.07	---	
SEC2MH08	SEC2MH08	4/2/2014 8:48		0.2	1.1	18.9	79.8	-0.01	41	---	-0.1	-52.24	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	4/2/2014 8:48	ADJ	0.2	1.1	18.9	79.8	0.05	42	14	-0.1	-52.24	1	
SEC2MH08	SEC2MH08	5/14/2014 13:34		8.4	7.1	17.8	66.7	0.03	62	11	0	-58.39	---	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	5/14/2014 13:34	ADJ	8.4	7.1	17.8	66.7	0.04	60	12	0	-58.39	---	
SEC2MH08	SEC2MH08	5/14/2014 13:36		8.4	6.9	18	66.7	0	59	0	-0.1	-58.39	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	5/14/2014 13:36	ADJ	8.4	6.9	18	66.7	0.05	60	14	-0.1	-58.39	0.5	
SEC2MH08	SEC2MH08	6/10/2014 10:34		13.5	9.8	15.5	61.2	0.2	66	29	-0.1	-58.19	---	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	6/10/2014 10:34	ADJ	13.5	9.8	15.5	61.2	0.07	66	17	-0.1	-58.19	---	
SEC2MH08	SEC2MH08	6/10/2014 10:36		15.3	11.1	14.7	58.9	---	65	---	-58	-58.01	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	6/10/2014 10:36	ADJ	15.3	11.1	14.7	58.9	0.18	67	27	-0.1	-58.01	0.5	
SEC2MH08	SEC2MH08	7/16/2014 8:32		22.8	15.7	12.4	49.1	15.63	66	264	-21.4	-45.22	0.5	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	7/16/2014 8:32	ADJ	22.8	15.7	12.4	49.1	14.21	66	252	-21.1	-45.22	0.5	
SEC2MH08	SEC2MH08	7/16/2014 8:33		23.1	15.9	12.2	48.8	15.89	66	266	-21.8	-45.38	0.5	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	7/16/2014 8:33	ADJ	23.1	15.9	12.2	48.8	14.16	66	251	-21.5	-45.38	1	
SEC2MH08	SEC2MH08	8/13/2014 13:33		35.5	24.1	9.8	30.6	0.68	74	55	-0.3	-54.71	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	8/13/2014 13:33	ADJ	35.5	24.1	9.8	30.6	0.7	74	56	-0.2	-54.71	0.5	
SEC2MH08	SEC2MH08	8/13/2014 13:35		35.9	24.5	9.6	30	0.73	73	57	-0.2	-54.84	0.5	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	8/13/2014 13:35	ADJ	35.9	24.5	9.6	30	0.73	73	57	-0.2	-54.84	0.5	
SEC2MH08	SEC2MH08	9/23/2014 7:58		38.9	25.4	9	26.7	0.03	68	11	-0.1	-54.56	0.5	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	9/23/2014 7:58	ADJ	38.9	25.4	9	26.7	0.01	68	7	-0.1	-54.56	0.5	
SEC2MH08	SEC2MH08	9/23/2014 7:59		39.6	25.8	8.5	26.1	-0.02	68	---	-0.1	-54.66	0.5	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	9/23/2014 7:59	ADJ	39.6	25.8	8.5	26.1	0.01	68	6	-0.1	-54.66	0.5	
SEC2MH08	SEC2MH08	10/10/2014 11:16		59.8	39.9	0.1	0.2	0.13	61	24	-0.1	-57.96	0.5	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	10/10/2014 11:16	ADJ	59.8	39.9	0.1	0.2	0.11	62	22	-0.3	-57.96	0.75	
SEC2MH08	SEC2MH08	11/26/2014 13:20		28	19.9	14	38.1	0.37	54	40	-0.1	-52.07	0.75	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	11/26/2014 13:20	ADJ	28	19.9	14	38.1	0.41	52	43	-0.1	-52.07	0.75	
SEC2MH08	SEC2MH08	11/26/2014 13:23		24.9	17.7	15.6	41.8	0.47	47	46	0	-52.28	0.75	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	11/26/2014 13:23	ADJ	24.9	17.7	15.6	41.8	0.08	49	19	-0.1	-52.28	0.75	
SEC2MH08	SEC2MH08	12/22/2014 15:39		26.3	18.8	15.6	39.3	-0.01	53	---	-0.1	-53.76	0.75	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	12/22/2014 15:39	ADJ	26.3	18.8	15.6	39.3	-0.01	52	---	-0.1	-53.76	0.75	
SEC2MH08	SEC2MH08	12/22/2014 15:41		26.2	18.7	15.6	39.5	-0.03	48	---	-0.1	-53.92	0.75	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	12/22/2014 15:41	ADJ	26.2	18.7	15.6	39.5	-0.03	47	---	-0.1	-53.92	0.75	
SEC2MH09	SEC2MH09	1/29/2014 8:26		29	17.1	12.2	41.7	0.1	32	21	-0.2	-55.68	---	No change,,,,,,,
SEC2MH09	SEC2MH09	1/29/2014 8:26	ADJ	29	17.1	12.2	41.7	0.13	32	24	-0.2	-55.68	---	
SEC2MH09	SEC2MH09	1/29/2014 8:28		28.9	18.3	11.5	41.3	0.05	32	14	-0.2	-55.43	---	No change,,,,,,,
SEC2MH09	SEC2MH09	1/29/2014 8:28	ADJ	28.9	18.3	11.5	41.3	0.09	32	20	-0.2	-55.43	---	
SEC2MH09	SEC2MH09	2/12/2014 6:51		36.4	24.4	8.6	30.6	0.17	42	28	-0.2	-55.31	---	Closed valve 1/2 turn or less,,,,,,,
SEC2MH09	SEC2MH09	2/12/2014 6:51	ADJ	36.4	24.4	8.6	30.6	0.17	42	27	-0.2	-55.31	---	
SEC2MH09	SEC2MH09	2/12/2014 6:54		36.1	24.7	8.5	30.7	0.14	42	25	-0.2	-54.47	---	No change,,,,,,,
SEC2MH09	SEC2MH09	2/12/2014 6:54	ADJ	36.1	24.7	8.5	30.7	0.13	43	24	-0.2	-54.47	---	
SEC2MH09	SEC2MH09	3/17/2014 7:09		3.8	3.4	20.7	72.1	0.15	38	25	-0.1	-56.2	---	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	3/17/2014 7:09	ADJ	3.8	3.4	20.7	72.1	0.16	41	26	-0.1	-56.2	---	
SEC2MH09	SEC2MH09	3/17/2014 7:11		3	3.3	21	72.7	0.13	43	23	-0.1	-56.35	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	3/17/2014 7:11	ADJ	3	3.3	21	72.7	0.16	44	26	-0.1	-56.35	1	
SEC2MH09	SEC2MH09	4/2/2014 8:51		18.4	11.7	13.7	56.2	0.04	46	13	-0.1	-51.92	---	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	4/2/2014 8:51	ADJ	18.4	11.7	13.7	56.2	0.02	46	10	-0.1	-51.92	---	
SEC2MH09	SEC2MH09	4/2/2014 8:52		17.8	12.3	13.3	56.6	0	47	4	-0.1	-51.72	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	4/2/2014 8:52	ADJ	17.8	12.3	13.3	56.6	0	47	4	-0.1	-51.72	1	
SEC2MH09	SEC2MH09	5/14/2014 13:41		12.4	9.4	17	61.2	0.05	62	14	-0.1	-57.81	---	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	5/14/2014 13:41	ADJ	12.4	9.4	17	61.2	0.04	62	12	-0.1	-57.81	---	
SEC2MH09	SEC2MH09	5/14/2014 13:45		10.3	7.9	17.7	64.1	0.04	62	12	-0.1	-57.68	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	5/14/2014 13:45	ADJ	10.3	7.9	17.7	64.1	0.03	62	11	-0.1	-57.68	0.5	
SEC2MH09	SEC2MH09	6/10/2014 10:43		35	24.6	8.1	32.3	0.3	68	36	-0.6	-57.85	0	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	6/10/2014 10:43	ADJ	35	24.6	8.1	32.3	0.34	69	38	-0.6	-57.85	---	
SEC2MH09	SEC2MH09	6/10/2014 10:45		36.5	25.6	7.6	30.3	0.47	70	45	-0.1	-58.06	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	6/10/2014 10:45	ADJ	36.5	25.6	7.6	30.3	0.45	69	44	-0.1	-58.06	0.5	
SEC2MH09	SEC2MH09	7/16/2014 8:42		34.8	24.5	8.1	32.6	0.51	68	47	-0.8	-58.48	0.5	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	7/16/2014 8:42	ADJ	34.8	24.5	8.1	32.6	0.53	68	48	-0.8	-58.48	0.5	
SEC2MH09	SEC2MH09	7/16/2014 9:07		35.6	25.3	7.7	31.4	0.06	69	15	0	-58.15	0.5	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	7/16/2014 9:07	ADJ	35.6	25.3	7.7	31.4	0.22	69	31	-0.1	-58.15	1	
SEC2MH09	SEC2MH09	8/13/2014 13:40		32.6	23.2	10.7	33.5	0.53	74	48	-0.2	-54.38	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	8/13/2014 13:40	ADJ	32.6	23.2	10.7	33.5	0.42	74	43	-0.1	-54.38	0.5	
SEC2MH09	SEC2MH09	8/13/2014 13:42		30.8	21.7	11.5	36	0.46	74	44	-0.1	-54.52	0.5	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	8/13/2014 13:42	ADJ	30.8	21.7	11.5	36	0.52	75	47	-0.1	-54.52	0.5	
SEC2MH09	SEC2MH09	9/23/2014 7:53		29.9	19.9	12.3	37.9	0.05	70	14	-0.1	-53.99	0.5	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	9/23/2014 7:53	ADJ	29.9	19.9	12.3	37.9	0.01	70	6	-0.1	-53.99	0.5	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2MH09	SEC2MH09	9/23/2014 7:55		33.6	22.4	10.7	33.3	0	70	---	-0.1	-54.05	0.5	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	9/23/2014 7:55	ADJ	33.6	22.4	10.7	33.3	0.02	70	9	-0.1	-54.05	0.5	
SEC2MH09	SEC2MH09	10/10/2014 11:14		60	39.7	0.1	0.2	0.03	63	11	-0.1	-57.51	0.05	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	10/10/2014 11:14	ADJ	60	39.7	0.1	0.2	0.35	64	40	-0.3	-57.51	1	
SEC2MH09	SEC2MH09	11/26/2014 13:08		22.3	16.5	16.5	44.7	0.48	53	46	-0.1	-51.58	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	11/26/2014 13:08	ADJ	22.3	16.5	16.5	44.7	0.41	52	43	-0.2	-51.58	1	
SEC2MH09	SEC2MH09	11/26/2014 13:10		22.5	16.5	16.4	44.6	0.54	51	49	-0.1	-51.7	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	11/26/2014 13:10	ADJ	22.5	16.5	16.4	44.6	0.64	54	53	-0.1	-51.7	1	
SEC2MH09	SEC2MH09	12/22/2014 15:34		24	17.7	16.4	41.9	-0.03	56	---	-0.1	-53	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	12/22/2014 15:34	ADJ	24	17.7	16.4	41.9	-0.03	55	---	-0.1	-53	1	
SEC2MH09	SEC2MH09	12/22/2014 15:35		24	17.6	16.7	41.7	-0.03	52	---	-0.1	-53.28	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	12/22/2014 15:35	ADJ	24	17.6	16.7	41.7	-0.03	51	---	-0.1	-53.28	1	
SEC2MH10	SEC2MH10	1/29/2014 8:31		51.2	29.8	4.6	14.4	0.28	38	21	-0.3	-55.22	---	Closed valve 1/2 turn or less,,,,,,
SEC2MH10	SEC2MH10	1/29/2014 8:31	ADJ	51.2	29.8	4.6	14.4	0.09	38	11	-0.2	-55.22	---	
SEC2MH10	SEC2MH10	2/12/2014 6:59		23	10.6	14	52.4	0.45	41	26	-0.7	-53.79	---	Closed valve 1/2 turn or less,,,,,,
SEC2MH10	SEC2MH10	2/12/2014 6:59	ADJ	23	10.6	14	52.4	0.24	40	19	-0.4	-53.79	---	
SEC2MH10	SEC2MH10	2/12/2014 7:01		22.4	11.5	14.6	51.5	0.25	39	19	-0.3	-54.44	---	No change,,,,,,
SEC2MH10	SEC2MH10	2/12/2014 7:01	ADJ	22.4	11.5	14.6	51.5	0.16	39	15	-0.3	-54.44	---	
SEC2MH10	SEC2MH10	3/18/2014 10:23		20.4	6.8	16.9	55.9	0.34	47	22	-0.4	-53.95	---	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH10	SEC2MH10	3/18/2014 10:23	ADJ	20.4	6.8	16.9	55.9	0.19	47	16	-0.2	-53.95	---	
SEC2MH10	SEC2MH10	3/18/2014 10:24		19.6	9.2	14.9	56.3	0.19	47	16	-0.2	-53.98	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH10	SEC2MH10	3/18/2014 10:24	ADJ	19.6	9.2	14.9	56.3	0.23	47	18	-0.2	-53.98	1	
SEC2MH10	SEC2MH10	4/2/2014 8:54		23.2	21.2	9.1	46.5	0.16	43	15	-0.2	-51.41	---	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH10	SEC2MH10	4/2/2014 8:54	ADJ	23.2	21.2	9.1	46.5	0.07	42	9	-0.2	-51.41	---	
SEC2MH10	SEC2MH10	4/2/2014 8:56		34.8	25.3	7.7	32.2	0.06	42	9	-0.1	-51.82	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH10	SEC2MH10	4/2/2014 8:56	ADJ	34.8	25.3	7.7	32.2	0.06	42	9	-0.1	-51.82	1	
SEC2MH10	SEC2MH10	5/14/2014 13:47		55.5	37.6	2	4.9	0.1	61	12	-0.1	-57.46	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH10	SEC2MH10	5/14/2014 13:47	ADJ	55.5	37.6	2	4.9	0.1	61	12	-0.1	-57.46	1	
SEC2MH10	SEC2MH10	6/10/2014 10:49		45.2	30.6	4.8	19.4	0.6	68	29	-0.4	-57.57	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH10	SEC2MH10	6/10/2014 10:49	ADJ	45.2	30.6	4.8	19.4	0.68	69	31	-0.5	-57.57	1	
SEC2MH10	SEC2MH10	7/16/2014 9:11		47.2	33.3	4.4	15.1	0.5	71	27	-0.4	-57.57	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH10	SEC2MH10	7/16/2014 9:11	ADJ	47.2	33.3	4.4	15.1	0.57	71	28	-0.4	-57.57	1	
SEC2MH10	SEC2MH10	8/13/2014 13:45		16.1	10.7	18	55.2	0.7	73	31	-0.2	-53.76	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH10	SEC2MH10	8/13/2014 13:45	ADJ	16.1	10.7	18	55.2	0.73	75	32	-0.1	-53.76	0.5	
SEC2MH10	SEC2MH10	8/13/2014 13:46		39.8	29.4	7.4	23.4	0.68	76	31	-0.1	-54.01	0.5	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH10	SEC2MH10	8/13/2014 13:46	ADJ	39.8	29.4	7.4	23.4	0.73	76	32	-0.1	-54.01	0.5	
SEC2MH10	SEC2MH10	9/23/2014 7:48		11.2	7.7	21.1	60	0.06	69	8	-0.1	-53.12	0.5	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH10	SEC2MH10	9/23/2014 7:48	ADJ	11.2	7.7	21.1	60	0.05	69	8	-0.1	-53.12	0.5	
SEC2MH10	SEC2MH10	9/23/2014 7:50		35.6	24.9	9.6	29.9	0.04	68	7	-0.1	-53.49	0.5	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH10	SEC2MH10	9/23/2014 7:50	ADJ	35.6	24.9	9.6	29.9	0.06	68	9	-0.1	-53.49	0.5	
SEC2MH10	SEC2MH10	10/10/2014 11:11		54.4	35.6	3	7	0.12	62	13	-0.1	-57.14	0.05	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH10	SEC2MH10	10/10/2014 11:11	ADJ	54.4	35.6	3	7	0.21	63	17	-0.2	-57.14	1	
SEC2MH10	SEC2MH10	11/26/2014 13:01		27.5	20.5	14	38	0.38	27	24	-0.1	-51.74	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH10	SEC2MH10	11/26/2014 13:01	ADJ	27.5	20.5	14	38	0.49	49	26	-0.1	-51.74	1	
SEC2MH10	SEC2MH10	11/26/2014 13:03		26.8	20.1	14.3	38.8	0.34	44	22	-0.1	-51.74	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH10	SEC2MH10	11/26/2014 13:03	ADJ	26.8	20.1	14.3	38.8	0.4	47	24	-0.1	-51.74	1	
SEC2MH10	SEC2MH10	12/22/2014 15:28		29.8	22.1	13.5	34.6	0.06	50	8	-0.1	-52.85	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH10	SEC2MH10	12/22/2014 15:28	ADJ	29.8	22.1	13.5	34.6	0.02	48	5	-0.1	-52.85	1	
SEC2MH10	SEC2MH10	12/22/2014 15:30		28.4	21.1	14.1	36.4	0.07	45	9	-0.1	-52.87	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH10	SEC2MH10	12/22/2014 15:30	ADJ	28.4	21.1	14.1	36.4	0.08	45	10	-0.1	-52.87	1	
SEC2MH11	SEC2MH11	1/29/2014 8:34		61.8	37.4	0.7	0.1	-0.25	37	---	-0.1	-54.88	---	No change,,,,,,
SEC2MH11	SEC2MH11	1/29/2014 8:34	ADJ	61.8	37.4	0.7	0.1	0.34	37	41	-0.3	-54.88	---	
SEC2MH11	SEC2MH11	2/12/2014 7:04		60.8	38.5	0.5	0.2	0.89	40	66	-0.7	-54.53	---	No change,,,,,,
SEC2MH11	SEC2MH11	2/12/2014 7:04	ADJ	60.8	38.5	0.5	0.2	0.46	41	47	-0.7	-54.53	---	
SEC2MH11	SEC2MH11	3/18/2014 10:29		53	36.5	2.3	8.2	0.14	51	25	-0.2	-53.59	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH11	SEC2MH11	3/18/2014 10:29	ADJ	53	36.5	2.3	8.2	0.14	52	24	-0.2	-53.59	1	
SEC2MH11	SEC2MH11	4/2/2014 8:57		37.7	27.6	6.6	28.1	0.02	45	9	-0.1	-51.1	---	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH11	SEC2MH11	4/2/2014 8:57	ADJ	37.7	27.6	6.6	28.1	0.02	45	9	-0.1	-51.1	---	
SEC2MH11	SEC2MH11	4/2/2014 9:00		37.3	28.2	6.3	28.2	0.02	45	10	-0.1	-51.49	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH11	SEC2MH11	4/2/2014 9:00	ADJ	37.3	28.2	6.3	28.2	0.02	46	8	-0.1	-51.49	1	
SEC2MH11	SEC2MH11	5/14/2014 13:51		58.5	41.1	0.2	0.2	0.09	64	20	0	-57.19	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH11	SEC2MH11	5/14/2014 13:51	ADJ	58.5	41.1	0.2	0.2	0.09	64	20	-0.1	-57.19	1	
SEC2MH11	SEC2MH11	6/10/2014 10:51		53.2	36.5	2.4	7.9	0.86	75	62	-0.6	-57.15	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH11	SEC2MH11	6/10/2014 10:51	ADJ	53.2	36.5	2.4	7.9	0.91	75	64	-0.7	-57.15	1	
SEC2MH11	SEC2MH11	7/16/2014 9:13		47.3	32.3	4.2	16.2	0.18	67	28	-0.1	-58.31	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH11	SEC2MH11	7/16/2014 9:13	ADJ	47.3	32.3	4.2	16.2	0.18	67	28	-0.1	-58.31	1	
SEC2MH11	SEC2MH11	8/13/2014 13:50		31.5	23.2	10.8	34.5	0.74	79	56	-0.2	-54.37	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH11	SEC2MH11	8/13/2014 13:50	ADJ	31.5	23.2	10.8	34.5	0.75	79	57	-0.1	-54.37	0.5	
SEC2MH11	SEC2MH11	8/13/2014 13:52		31.3	23	10.8	34.9	0.73	78	56	-0.1	-54.02	0.5	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH11	SEC2MH11	8/13/2014 13:52	ADJ	31.3	23	10.8	34.9	0.71	78	55	-0.1	-54.02	0.5	
SEC2MH11	SEC2MH11	9/23/2014 7:45		33	23	10.7	33.3	0.04	69	12	0	-53.24	0.5	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH11	SEC2MH11	9/23/2014 7:45	ADJ	33	23	10.7	33.3	0.06	67	15	-0.1	-53.24	0.5	
SEC2MH11	SEC2MH11	9/23/2014 7:46		33	23.1	11.7	32.2	0.08	68	18	0	-53.33	0.5	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH11	SEC2MH11	9/23/2014 7:46	ADJ	33	23.1	11.7	32.2	0.04	68	13	-0.1	-53.33	0.5	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2MH11	SEC2MH11	10/10/2014 11:07		59.9	39.8	0.1	0.2	0.19	64	29	-0.2	-57.75	0.05	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH11	SEC2MH11	10/10/2014 11:07	ADJ	59.9	39.8	0.1	0.2	0.37	65	41	-0.3	-57.75	1	
SEC2MH11	SEC2MH11	11/26/2014 12:52		23.2	17.3	16	43.5	0.47	53	45	-0.1	-51.3	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH11	SEC2MH11	11/26/2014 12:52	ADJ	23.2	17.3	16	43.5	0.47	52	45	-0.1	-51.3	1	
SEC2MH11	SEC2MH11	11/26/2014 12:54		23.2	17.3	16.1	43.4	0.45	49	45	-0.1	-51.23	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH11	SEC2MH11	11/26/2014 12:54	ADJ	23.2	17.3	16.1	43.4	0.45	51	45	-0.1	-51.23	1	
SEC2MH11	SEC2MH11	12/22/2014 15:23		21.5	15.4	17.7	45.4	-0.08	48	---	0	-52.41	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH11	SEC2MH11	12/22/2014 15:23	ADJ	21.5	15.4	17.7	45.4	0.02	47	8	-0.1	-52.41	1	
SEC2MH11	SEC2MH11	12/22/2014 15:24		22.6	16.2	17.3	43.9	0.05	46	15	-0.1	-52.46	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH11	SEC2MH11	12/22/2014 15:24	ADJ	22.6	16.2	17.3	43.9	0.01	46	5	-0.1	-52.46	1	
SEC2MH12	SEC2MH12	1/29/2014 8:37		66.2	33	0.7	0.1	0.39	43	45	-0.6	-54.5	---	No change,,,,,,,
SEC2MH12	SEC2MH12	1/29/2014 8:37	ADJ	66.2	33	0.7	0.1	0.39	43	45	-0.6	-54.5	---	
SEC2MH12	SEC2MH12	2/12/2014 7:09		61.7	37.3	0.8	0.2	0.09	46	20	-0.3	-52.79	---	No change,,,,,,,
SEC2MH12	SEC2MH12	2/12/2014 7:09	ADJ	61.7	37.3	0.8	0.2	0.04	46	13	-0.3	-52.79	---	
SEC2MH12	SEC2MH12	3/18/2014 10:57		56.5	39.6	0.8	3.1	0.67	50	56	-1.7	-52.56	2	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH12	SEC2MH12	3/18/2014 10:57	ADJ	56.5	39.6	0.8	3.1	0.22	53	31	-0.8	-52.56	1	
SEC2MH12	SEC2MH12	4/2/2014 9:01		43.5	30.4	4.8	21.3	0.11	50	22	-0.3	-50.34	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH12	SEC2MH12	4/2/2014 9:01	ADJ	43.5	30.4	4.8	21.3	0.1	49	20	-0.2	-50.34	1	
SEC2MH12	SEC2MH12	5/14/2014 13:53		58	41.7	0.2	0.1	0.08	60	18	-0.1	-56.83	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH12	SEC2MH12	5/14/2014 13:53	ADJ	58	41.7	0.2	0.1	0.05	60	15	-0.1	-56.83	1	
SEC2MH12	SEC2MH12	6/10/2014 10:53		56.6	38.5	1.4	3.5	0.26	69	34	-0.1	-57.73	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH12	SEC2MH12	6/10/2014 10:53	ADJ	56.6	38.5	1.4	3.5	0.25	68	33	-0.1	-57.73	1	
SEC2MH12	SEC2MH12	7/16/2014 9:16		48	32.7	4	15.3	0.14	75	25	-0.1	-57.95	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH12	SEC2MH12	7/16/2014 9:16	ADJ	48	32.7	4	15.3	0.16	71	26	-0.1	-57.95	1	
SEC2MH12	SEC2MH12	8/13/2014 13:54		54	38.3	2.2	5.5	0.71	79	56	-0.1	-54.12	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH12	SEC2MH12	8/13/2014 13:54	ADJ	54	38.3	2.2	5.5	0.62	77	52	-0.1	-54.12	1	
SEC2MH12	SEC2MH12	9/23/2014 7:39		32.3	23.1	11.1	33.5	-0.01	71	---	-0.1	-53.13	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH12	SEC2MH12	9/23/2014 7:39	ADJ	32.3	23.1	11.1	33.5	0.04	70	13	-0.1	-53.13	1	
SEC2MH12	SEC2MH12	9/23/2014 7:41		31.9	22.2	11.8	34.1	0.03	69	11	0	-53.28	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH12	SEC2MH12	9/23/2014 7:41	ADJ	31.9	22.2	11.8	34.1	0.05	70	13	0	-53.28	1	
SEC2MH12	SEC2MH12	9/26/2014 13:35		59.7	39.7	0.4	0.2	0.18	90	28	-0.1	-55.59	---	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH12	SEC2MH12	9/26/2014 13:35	ADJ	59.7	39.7	0.4	0.2	0.23	73	32	-0.1	-55.59	---	
SEC2MH12	SEC2MH12	10/10/2014 11:05		59.4	39.9	0.5	0.2	0.24	64	32	-0.2	-58.14	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH12	SEC2MH12	10/10/2014 11:05	ADJ	59.4	39.9	0.5	0.2	0.22	63	31	-0.4	-58.14	1.5	
SEC2MH12	SEC2MH12	11/26/2014 12:44		31.4	22.1	12.6	33.9	0.46	54	45	-0.1	-50.94	1.5	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH12	SEC2MH12	11/26/2014 12:44	ADJ	31.4	22.1	12.6	33.9	0.57	55	51	-0.1	-50.94	1.5	
SEC2MH12	SEC2MH12	11/26/2014 12:48		31.3	22.3	12.5	33.9	0.31	47	37	-0.1	-50.9	1.5	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH12	SEC2MH12	11/26/2014 12:48	ADJ	31.3	22.3	12.5	33.9	0.47	54	46	-0.1	-50.9	1.5	
SEC2MH12	SEC2MH12	12/22/2014 15:16		47.3	33.3	5.3	14.1	0.03	52	12	-0.1	-52.04	1.5	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH12	SEC2MH12	12/22/2014 15:16	ADJ	47.3	33.3	5.3	14.1	0.02	51	10	0	-52.04	1.5	
SEC2MH12	SEC2MH12	12/22/2014 15:18		47.3	33.4	5.3	14	0.05	49	15	-0.1	-51.88	1.5	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH12	SEC2MH12	12/22/2014 15:18	ADJ	47.3	33.4	5.3	14	0.04	49	13	-0.1	-51.88	1.5	
SEC2MH13	SEC2MH13	1/29/2014 8:42		65.2	34	0.7	0.1	0.22	42	33	-0.5	-53.85	---	No change,,,,,,,
SEC2MH13	SEC2MH13	1/29/2014 8:42	ADJ	65.2	34	0.7	0.1	-0.02	42	33	-0.5	-53.85	---	
SEC2MH13	SEC2MH13	2/12/2014 7:17		61.1	37.8	1	0.1	0.15	44	26	-0.7	-51.1	---	Closed valve 1/2 turn or less,,,,,,,
SEC2MH13	SEC2MH13	2/12/2014 7:17	ADJ	61.1	37.8	1	0.1	-0.31	44	26	-0.3	-51.1	---	
SEC2MH13	SEC2MH13	3/18/2014 10:59		54.4	37	2	6.6	0.63	51	54	-1.5	-52.02	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH13	SEC2MH13	3/18/2014 10:59	ADJ	54.4	37	2	6.6	0.76	53	60	-1.5	-52.02	1	
SEC2MH13	SEC2MH13	4/2/2014 9:03		21.2	21.4	10.9	46.5	-1.17	46	---	-0.2	-49.73	---	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH13	SEC2MH13	4/2/2014 9:03	ADJ	21.2	21.4	10.9	46.5	-1.19	46	---	-0.2	-49.73	---	
SEC2MH13	SEC2MH13	4/2/2014 9:05		21.1	18.4	11.4	49.1	-1.54	48	---	-0.2	-48.12	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH13	SEC2MH13	4/2/2014 9:05	ADJ	21.1	18.4	11.4	49.1	-1.62	48	---	-0.2	-48.12	1	
SEC2MH13	SEC2MH13	5/14/2014 13:56		58.6	40.9	0.4	0.1	0.08	62	19	-0.1	-56.53	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH13	SEC2MH13	5/14/2014 13:56	ADJ	58.6	40.9	0.4	0.1	0.06	61	16	-0.1	-56.53	1	
SEC2MH13	SEC2MH13	6/10/2014 10:55		44.4	30.8	4.8	20	0.2	70	29	-0.1	-56.32	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH13	SEC2MH13	6/10/2014 10:55	ADJ	44.4	30.8	4.8	20	0.21	70	30	-0.1	-56.32	1	
SEC2MH13	SEC2MH13	7/16/2014 9:24		38.8	27.6	6.3	27.3	0.22	71	30	-0.5	-55.39	1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH13	SEC2MH13	7/16/2014 9:24	ADJ	38.8	27.6	6.3	27.3	0.11	71	21	-0.5	-55.39	0.75	
SEC2MH13	SEC2MH13	7/16/2014 9:26		37.1	26.4	6.9	29.6	0.19	71	29	-0.3	-56.32	0.75	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH13	SEC2MH13	7/16/2014 9:26	ADJ	37.1	26.4	6.9	29.6	0.16	71	26	-0.2	-56.32	0.5	
SEC2MH13	SEC2MH13	8/13/2014 13:59		10.2	7.1	20.2	62.5	0.74	74	56	-0.2	-52.77	0.5	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH13	SEC2MH13	8/13/2014 13:59	ADJ	10.2	7.1	20.2	62.5	0.7	74	55	-0.1	-52.77	0.25	
SEC2MH13	SEC2MH13	8/13/2014 14:00		11.7	8.2	19.6	60.5	0.68	74	54	-0.1	-53.26	0.25	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH13	SEC2MH13	8/13/2014 14:00	ADJ	11.7	8.2	19.6	60.5	0.67	74	53	-0.1	-53.26	0.25	
SEC2MH13	SEC2MH13	9/23/2014 7:33		23.1	16.6	15.1	45.2	0	67	4	0	-52.33	0.2	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH13	SEC2MH13	9/23/2014 7:33	ADJ	23.1	16.6	15.1	45.2	0.02	66	9	0	-52.33	0.2	
SEC2MH13	SEC2MH13	9/23/2014 7:34		23.1	16.6	15.1	45.2	0.03	66	11	-0.1	-52.31	0.2	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH13	SEC2MH13	9/23/2014 7:34	ADJ	23.1	16.6	15.1	45.2	0.03	66	11	-0.1	-52.31	0.2	
SEC2MH13	SEC2MH13	10/10/2014 11:01		58.6	40.2	1.1	0.1	0.07	62	17	-0.1	-55.43	0.25	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH13	SEC2MH13	10/10/2014 11:01	ADJ	58.6	40.2	1.1	0.1	0.12	62	23	-0.1	-55.43	0.25	
SEC2MH13	SEC2MH13	11/26/2014 12:35		22.5	17.1	16.4	44	0.44	52	44	-0.2	-50.05	0.2	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH13	SEC2MH13	11/26/2014 12:35	ADJ	22.5	17.1	16.4	44	0.39	50	42	-0.1	-50.05	0.1	
SEC2MH13	SEC2MH13	11/26/2014 12:38		20.8	16.1	17.1	46	0.38	46	41	-0.1	-50.33	0.1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH13	SEC2MH13	11/26/2014 12:38	ADJ	20.8	16.1	17.1	46	0.48	48	46	-0.1	-50.33	0.1	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2MH13	SEC2MH13	12/22/2014 15:03		49.3	34.6	4.5	11.6	0.11	46	22	-0.2	-51.74	0.1	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH13	SEC2MH13	12/22/2014 15:03	ADJ	49.3	34.6	4.5	11.6	0.11	46	22	-0.2	-51.74	0.1	
Supplemental														
S1NoMain	SEC1north_main	1/20/2014 10:16		32.1	26.2	3	38.7	0.49	43	133	-26.7	-26.75	---	No change,,,,,,,
S1NoMain	SEC1north_main	1/20/2014 10:16	ADJ	32.1	26.2	3	38.7	0.5	43	135	-26.7	-26.75	---	
S1NoMain	SEC1north_main	1/28/2014 8:11		29.4	18.3	6	46.3	-0.15	42	---	-40.1	-40.2	---	No change,,,,,,,
S1NoMain	SEC1north_main	1/28/2014 8:11	ADJ	29.4	18.3	6	46.3	-0.26	42	---	-40.1	-40.2	---	
S1NoMain	SEC1north_main	1/29/2014 6:36		25.9	20.1	7	47	0.02	40	26	-39.3	-62.72	---	,,,,,,,
S1NoMain	SEC1north_main	1/29/2014 6:36	ADJ	25.9	20.1	7	47	0.14	41	71	-39.3	-62.72	---	
S1NoMain	SEC1north_main	1/29/2014 14:15		29.3	22.8	5.6	42.3	-0.05	54	---	-39.2	-61.56	---	,,,,,,,
S1NoMain	SEC1north_main	1/29/2014 14:15	ADJ	29.3	22.8	5.6	42.3	-0.13	54	---	-39.1	-61.56	---	
S1NoMain	SEC1north_main	1/30/2014 6:21		32.5	24	4.3	39.2	0.25	60	93	-39.2	-62.31	---	,,,,,,,
S1NoMain	SEC1north_main	1/30/2014 6:21	ADJ	32.5	24	4.3	39.2	-0.05	60	93	-39.2	-62.31	---	
S1NoMain	SEC1north_main	1/30/2014 15:02		32.5	28.6	3.4	35.5	0.34	60	108	-37.1	-62.71	---	,,,,,,,
S1NoMain	SEC1north_main	1/30/2014 15:02	ADJ	32.5	28.6	3.4	35.5	0.46	60	124	-37	-62.71	---	
S1NoMain	SEC1north_main	2/3/2014 8:37		30.8	25.5	3.9	39.8	-0.22	50	---	-36.8	-37.18	---	No change,,,,,,,
S1NoMain	SEC1north_main	2/3/2014 8:37	ADJ	30.8	25.5	3.9	39.8	0.25	50	92	-37	-37.18	---	
S1NoMain	SEC1north_main	2/10/2014 10:36		29.5	23	5.2	42.3	0.06	60	46	-40.4	-64.29	---	No change,,,,,,,
S1NoMain	SEC1north_main	2/10/2014 10:36	ADJ	29.5	23	5.2	42.3	-0.01	60	46	-40.2	-64.29	---	
S1NoMain	SEC1north_main	2/12/2014 6:16		32.4	25.7	3.4	38.5	0.26	41	95	-43.6	-43.2	---	No change,,,,,,,
S1NoMain	SEC1north_main	2/12/2014 6:16	ADJ	32.4	25.7	3.4	38.5	-0.02	41	95	-43.3	-43.2	---	
S1NoMain	SEC1north_main	2/12/2014 14:59		27.6	26	5.2	41.2	0.23	53	88	-39.2	-61.72	---	,,,,,,,
S1NoMain	SEC1north_main	2/12/2014 14:59	ADJ	27.6	26	5.2	41.2	0.02	53	24	-39.2	-61.72	0	
S1NoMain	SEC1north_main	2/13/2014 7:49		30.9	23.7	4.7	40.7	0.15	41	72	-39.4	-61.46	---	,,,,,,,
S1NoMain	SEC1north_main	2/13/2014 7:49	ADJ	30.9	23.7	4.7	40.7	0.27	41	98	-39.4	-61.46	---	
S1NoMain	SEC1north_main	2/13/2014 15:14		30.5	28.1	4.1	37.3	0.35	40	109	-40.4	-62.75	---	,,,,,,,
S1NoMain	SEC1north_main	2/13/2014 15:14	ADJ	30.5	28.1	4.1	37.3	0.07	40	48	-40.4	-62.75	---	
S1NoMain	SEC1north_main	2/18/2014 13:01		33.4	27.8	3.4	35.4	0.44	41	125	-32.3	-61.27	0	No change,,,,,,,
S1NoMain	SEC1north_main	2/18/2014 13:01	ADJ	33.4	27.8	3.4	35.4	0.34	41	111	-32.2	-61.27	---	
S1NoMain	SEC1north_main	2/24/2014 10:56		30.1	23.7	3.7	42.5	0.4	40	121	-29.8	-47.03	---	No change,,,,,,,
S1NoMain	SEC1north_main	2/24/2014 10:56	ADJ	30.1	23.7	3.7	42.5	-0.04	40	121	-29.8	-47.03	---	
S1NoMain	SEC1north_main	3/6/2014 9:01		30.3	24.4	4.1	41.2	0.26	39	97	-30.5	-55.65	---	No change,,,,,,,
S1NoMain	SEC1north_main	3/6/2014 9:01	ADJ	30.3	24.4	4.1	41.2	-0.14	39	97	-30.5	-55.65	---	
S1NoMain	SEC1north_main	3/10/2014 13:51		32.2	27.9	2	37.9	-0.01	40	---	-26.4	-53.73	---	No change,,,,,,,
S1NoMain	SEC1north_main	3/10/2014 13:51	ADJ	32.2	27.9	2	37.9	0.09	40	57	-26.3	-53.73	---	
S1NoMain	SEC1north_main	3/17/2014 6:55		34.8	24.8	1.1	39.3	0.48	39	134	-29.7	-61.72	1	,,,,,,,
S1NoMain	SEC1north_main	3/17/2014 6:55	ADJ	34.8	24.8	1.1	39.3	0.23	39	92	-29.7	-61.72	1	
S1NoMain	SEC1north_main	3/17/2014 15:07		32.7	29.9	0.9	36.5	0.3	39	103	-28.8	-61.22	100	,,,,,,,
S1NoMain	SEC1north_main	3/17/2014 15:07	ADJ	32.7	29.9	0.9	36.5	0.14	39	71	-28.7	-61.22	100	
S1NoMain	SEC1north_main	3/18/2014 6:45		31.2	28.1	1.2	39.5	0.33	39	109	-29.5	-61.75	---	,,,,,,,
S1NoMain	SEC1north_main	3/18/2014 6:45	ADJ	31.2	28.1	1.2	39.5	0.14	39	70	-29.5	-61.75	---	
S1NoMain	SEC1north_main	3/18/2014 13:03		29.7	29	1.4	39.9	0.22	39	88	-29.2	-60.58	---	No change,,,,,,,
S1NoMain	SEC1north_main	3/18/2014 13:03	ADJ	29.7	29	1.4	39.9	0.57	39	143	-29.2	-60.58	---	
S1NoMain	SEC1north_main	3/24/2014 14:25		29.5	28.2	1.1	41.2	0.32	39	106	-25.7	-61.85	---	No change,,,,,,,
S1NoMain	SEC1north_main	3/24/2014 14:25	ADJ	29.5	28.2	1.1	41.2	0.59	39	146	-25.7	-61.85	---	
S1NoMain	SEC1north_main	3/31/2014 13:51		30.8	30.3	0.9	38	0.33	41	108	-25.3	-55.38	---	No change,,,,,,,
S1NoMain	SEC1north_main	3/31/2014 13:51	ADJ	30.8	30.3	0.9	38	0.41	41	121	-25.2	-55.38	---	
S1NoMain	SEC1north_main	4/1/2014 8:17		28.8	27.9	1.5	41.8	0.1	40	59	-26.4	-56.25	---	No change,,,,,,,
S1NoMain	SEC1north_main	4/1/2014 8:17	ADJ	28.8	27.9	1.5	41.8	0.09	40	56	-26.5	-56.25	---	
S1NoMain	SEC1north_main	4/1/2014 15:44		29.1	31.7	0.6	38.6	0.15	40	71	-26.7	-56.97	---	,,,,,,,
S1NoMain	SEC1north_main	4/1/2014 15:44	ADJ	29.1	31.7	0.6	38.6	-0.09	40	71	-26.8	-56.97	---	
S1NoMain	SEC1north_main	4/2/2014 8:44		29.8	25.5	0.8	43.9	0.36	40	114	-26.7	-57.03	---	,,,,,,,
S1NoMain	SEC1north_main	4/2/2014 8:44	ADJ	29.8	25.5	0.8	43.9	0.09	40	58	-26.7	-57.03	---	
S1NoMain	SEC1north_main	4/2/2014 11:43		29.2	28.8	0.7	41.3	0.04	43	38	-29.5	-58.21	---	,,,,,,,
S1NoMain	SEC1north_main	4/2/2014 11:43	ADJ	29.2	28.8	0.7	41.3	0.48	43	130	-29.4	-58.21	---	
S1NoMain	SEC1north_main	4/7/2014 16:06		30.1	30	0.3	39.6	0.41	42	120	-30.8	-61.32	---	No change,,,,,,,
S1NoMain	SEC1north_main	4/7/2014 16:06	ADJ	30.1	30	0.3	39.6	0.52	41	135	-30.8	-61.32	---	
S1NoMain	SEC1north_main	4/21/2014 13:36		33	27.8	2.4	36.8	0.91	43	182	-29.7	-63.73	---	No change,,,,,,,
S1NoMain	SEC1north_main	4/21/2014 13:36	ADJ	33	27.8	2.4	36.8	0.99	43	190	-29.7	-63.73	---	
S1NoMain	SEC1north_main	4/29/2014 14:58		29.8	28.8	1.7	39.7	0.61	43	147	-28	-62.63	---	No change,,,,,,,
S1NoMain	SEC1north_main	4/29/2014 14:58	ADJ	29.8	28.8	1.7	39.7	0.33	43	108	-28	-62.63	---	
S1NoMain	SEC1north_main	5/5/2014 15:17		27.7	26.4	2.8	43.1	0.32	40	105	-31.4	-65.16	---	No change,,,,,,,
S1NoMain	SEC1north_main	5/5/2014 15:17	ADJ	27.7	26.4	2.8	43.1	0.42	40	122	-31.5	-65.16	---	
S1NoMain	SEC1north_main	5/12/2014 15:18		27.2	26.4	2.4	44	0.25	48	93	-31.1	-62.96	---	No change,,,,,,,
S1NoMain	SEC1north_main	5/12/2014 15:18	ADJ	27.2	26.4	2.4	44	0.3	48	101	-31.1	-62.96	---	
S1NoMain	SEC1north_main	5/14/2014 9:05		24.6	25.9	2.6	46.9	0.26	49	95	-30	-62.21	---	No change,,,,,,,
S1NoMain	SEC1north_main	5/14/2014 9:05	ADJ	24.6	25.9	2.6	46.9	0.7	49	156	-30.1	-62.21	---	
S1NoMain	SEC1north_main	5/14/2014 15:39		25	25.9	2.8	46.3	0.36	48	111	-31.7	-65.35	---	No change,,,,,,,
S1NoMain	SEC1north_main	5/14/2014 15:39	ADJ	25	25.9	2.8	46.3	0.44	48	123	-31.7	-65.35	---	
S1NoMain	SEC1north_main	5/15/2014 8:16		25.5	25.7	3	45.8	0.56	48	139	-31.8	-65.78	---	No change,,,,,,,
S1NoMain	SEC1north_main	5/15/2014 8:16	ADJ	25.5	25.7	3	45.8	0.01	48	21	-31.7	-65.78	---	
S1NoMain	SEC1north_main	5/15/2014 17:07		24.3	25.5	3.3	46.9	0.62	48	146	-31.8	-66	---	No change,,,,,,,
S1NoMain	SEC1north_main	5/15/2014 17:07	ADJ	24.3	25.5	3.3	46.9	0.33	48	107	-31.7	-66	---	
S1NoMain	SEC1north_main	5/19/2014 9:20		23	24.1	3.8	49.1	0.34	49	109	-31	-64.52	---	No change,,,,,,,
S1NoMain	SEC1north_main	5/19/2014 9:20	ADJ	23	24.1	3.8	49.1	0.07	49	47	-31	-64.52	---	
S1NoMain	SEC1north_main	5/19/2014 14:12		25.4	26.3	3.1	45.2	0.35	45	111	-26.5	-64.37	---	No change,,,,,,,
S1NoMain	SEC1north_main	5/19/2014 14:12	ADJ	25.4	26.3	3.1	45.2	0.34	45	110	-26.6	-64.37	---	
S1NoMain	SEC1north_main	5/27/2014 14:14		26.5	25.6	3.3	44.6	0.63	51	149	-27.5	-63.94	---	,,,,,,,
S1NoMain	SEC1north_main	5/27/2014 14:14	ADJ	26.5	25.6	3.3	44.6	0.24	51	90	-27.3	-63.94	---	
S1NoMain	SEC1north_main	6/3/2014 15:09		30.1	27.2	2.5	40.2	0.27	53	97	-23.4	-61.93	---	No change,,,,,,,
S1NoMain	SEC1north_main	6/3/2014 15:09	ADJ	30.1	27.2	2.5	40.2	0.76	53	165	-23.7	-61.93	---	
S1NoMain	SEC1north_main	6/10/2014 8:33		32.5	28.5	2.4	36.6	0.55	55	140	-21.5	-62.94	---	No change,,,,,,,
S1NoMain	SEC1north_main	6/10/2014 8:33	ADJ	32.5	28.5	2.4	36.6	0.31	55	105	-20.9	-62.94	---	
S1NoMain	SEC1north_main	6/10/2014 15:39		33.1	27.8	2.5	36.6	0.22	55	89	-19.9	-60.96	---	No change,,,,,,,
S1NoMain	SEC1north_main	6/10/2014 15:39	ADJ	33.1	27.8	2.5	36.6	0.56	55	142	-19.7	-60.96	---	
S1NoMain	SEC1north_main	6/11/2014 7:43		32.2	28.6	2.6	36.6	0.26	55	96	-20.9	-61.98	---	No change,,,,,,,
S1NoMain	SEC1north_main	6/11/2014 7:43	ADJ	32.2	28.6	2.6	36.6	0.54	55	139	-21	-61.98	---	
S1NoMain	SEC1north_main	6/11/2014 16:27		35.8	29.2	1.9	33.1	0.51	56	135	-21.7	-60.99	---	No change,,,,,,,
S1NoMain	SEC1north_main	6/11/2014 16:27	ADJ	35.8	29.2	1.9	33.1	0.47	56	130	-21.8	-60.99	---	
S1NoMain	SEC1north_main	6/17/2014 15:35		32.6	29	1.6	36.8	0.32	57	106	-25	-61.17	---	No change,,,,,,,
S1NoMain	SEC1north_main	6/17/2014 15:35	ADJ	32.6	29	1.6	36.8	0.51	57	134	-25.2	-61.17	---	
S1NoMain	SEC1north_main	6/24/2014 9:16		32.5	28.4	2	37.1	0.5	58	131	-29	-62.82	---	No change,,,,,,,
S1NoMain	SEC1north_main	6/24/2014 9:16	ADJ	32.5	28.4	2	37.1	0.2	58	82	-29	-62.82	---	
S1NoMain	SEC1north_main	7/1/2014 15:23		32.5	29.1	2	36.4	0.18	60	78	-30.8	-61.34	---	No change,,,,,,,
S1NoMain	SEC1north_main	7/1/2014 15:23	ADJ	32.5	29.1	2	36.4	0.49	60	130	-30.9	-61.34	---	
S1NoMain	SEC1north_main	7/8/2014 15:25		32	29	2	37	0.16	61	73	-31	-61.68	---	No change,,,,,,,
S1NoMain	SEC1north_main	7/8/2014 15:25	ADJ	32	29	2	37	0.44	61	122	-31.1	-61.68	---	
S1NoMain	SEC1north_main	7/15/2014 14:01		31.8	29.2	2	37	0.21	62	83	-30.9	-62	---	No change,,,,,,,
S1NoMain	SEC1north_main	7/15/2014 14:01	ADJ	31.8	29.2	2	37	0.45	62	123	-30.9	-62	---	
S1NoMain	SEC1north_main	7/16/2014 7:56		31.7	29.2	2.1	37	0.25	62	92	-31.2	-62.59	---	No change,,,,,,,
S1NoMain	SEC1north_main	7/16/2014 7:56	ADJ	31.7	29.2	2.1	37	0.42	62	119	-31.2	-62.59	---	
S1NoMain	SEC1north_main	7/16/2014 16:30		32	28.5	2.2	37.3	0.03	63	30	-30.6	-61.72	---	No change,,,,,,,
S1NoMain	SEC1north_main	7/16/2014 16:30	ADJ	32	28.5	2.2	37.3	0.45	62	124	-30.6	-61.72	---	
S1NoMain	SEC1north_main	7/17/2014 9:51		31.2	29.3	2.2	37.3	0.85	62	171	-31.1	-62.24	---	No change,,,,,,,
S1NoMain	SEC1north_main	7/17/2014 9:51	ADJ	31.2	29.3	2.2	37.3	0.26	62	94	-31.1	-62.24	---	
S1NoMain	SEC1north_main	8/7/2014 7:19		32.5	29.8	3.2	34.5	0.33	64	106	-30.5	-62.67	---	No change,,,,,,,
S1NoMain	SEC1north_main	8/7/2014 7:19	ADJ	32.5	29.8	3.2	34.5	0.31	64	102	-30.4	-62.67	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
S1NoMain	SEC1north_main	8/7/2014 14:47		32	28.8	3.5	35.7	0.5	65	131	-30.1	-61.28	---	No change,,,,,,,
S1NoMain	SEC1north_main	8/7/2014 14:47	ADJ	32	28.8	3.5	35.7	0.36	64	110	-29.9	-61.28	---	
S1NoMain	SEC1north_main	8/12/2014 6:41		33	30.1	3.1	33.8	0.2	64	82	-30.6	-62.44	---	No change,,,,,,,
S1NoMain	SEC1north_main	8/12/2014 6:41	ADJ	33	30.1	3.1	33.8	0.33	64	105	-30.5	-62.44	---	
S1NoMain	SEC1north_main	8/12/2014 14:47		33.4	30.5	2.9	33.2	0.38	67	112	-29.2	-59.14	---	No change,,,,,,,
S1NoMain	SEC1north_main	8/12/2014 14:47	ADJ	33.4	30.5	2.9	33.2	0.73	66	158	-29.1	-59.14	---	
S1NoMain	SEC1north_main	8/13/2014 5:44		33.3	32.1	3	31.6	0.31	65	101	-29.2	-29.45	---	No change,,,,,,,
S1NoMain	SEC1north_main	8/13/2014 5:44	ADJ	33.3	32.1	3	31.6	0.44	65	121	-29.2	-29.45	---	
S1NoMain	SEC1north_main	8/13/2014 15:02		33.6	30.3	2.9	33.2	0.78	66	163	-29.5	-60.02	---	No change,,,,,,,
S1NoMain	SEC1north_main	8/13/2014 15:02	ADJ	33.6	30.3	2.9	33.2	0.85	65	170	-29.4	-60.02	---	
S1NoMain	SEC1north_main	8/29/2014 13:10		32	27.2	4.2	36.6	0.25	66	92	-28.8	-58.32	---	No change,,,,,,,
S1NoMain	SEC1north_main	8/29/2014 13:10	ADJ	32	27.2	4.2	36.6	0.48	66	128	-28.8	-58.32	---	
S1NoMain	SEC1north_main	9/22/2014 6:48		34.8	28.8	5.4	31	-0.13	64	---	-31.4	-61.94	---	No change,,,,,,,
S1NoMain	SEC1north_main	9/22/2014 6:48	ADJ	34.8	28.8	5.4	31	-0.72	64	---	-31.4	-61.94	---	
S1NoMain	SEC1north_main	9/23/2014 4:51		34.7	28.7	5.4	31.2	0.29	64	99	-31.5	-61.29	---	No change,,,,,,,
S1NoMain	SEC1north_main	9/23/2014 4:51	ADJ	34.7	28.7	5.4	31.2	0.42	64	119	-31.5	-61.29	---	
S1NoMain	SEC1north_main	9/23/2014 14:16		33.5	27.4	5.6	33.5	0.37	65	113	-30.8	-61.61	---	No change,,,,,,,
S1NoMain	SEC1north_main	9/23/2014 14:16	ADJ	33.5	27.4	5.6	33.5	0.34	65	108	-30.6	-61.61	---	
S1NoMain	SEC1north_main	10/2/2014 9:53		38.6	32.7	3.1	25.6	0.47	64	127	-29.4	-61.21	---	
S1NoMain	SEC1north_main	10/2/2014 9:53	ADJ	38.6	32.7	3.1	25.6	-0.33	64	127	-29.4	-61.21	---	
S1NoMain	SEC1north_main	10/9/2014 16:40		34.9	26.9	6.3	31.9	0.16	63	74	-30.9	-61.47	---	No change,,,,,,,
S1NoMain	SEC1north_main	10/9/2014 16:40	ADJ	34.9	26.9	6.3	31.9	0.42	63	121	-30.9	-61.47	---	
S1NoMain	SEC1north_main	10/10/2014 8:23		34.4	26.8	6.6	32.2	0.38	62	115	-31.4	-62.48	---	No change,,,,,,,
S1NoMain	SEC1north_main	10/10/2014 8:23	ADJ	34.4	26.8	6.6	32.2	0.39	62	116	-31.5	-62.48	---	
S1NoMain	SEC1north_main	10/10/2014 16:37		35.1	27.2	6.4	31.3	0.29	63	100	-30.1	-59.96	---	No change,,,,,,,
S1NoMain	SEC1north_main	10/10/2014 16:37	ADJ	35.1	27.2	6.4	31.3	0.2	63	83	-30.1	-59.96	---	
S1NoMain	SEC1north_main	10/13/2014 6:13		38.8	30.2	4.8	26.2	0.18	62	80	-26.4	-59.72	---	,,,,,,,
S1NoMain	SEC1north_main	10/13/2014 6:13	ADJ	38.8	30.2	4.8	26.2	0.31	62	104	-26.4	-59.72	---	
S1NoMain	SEC1north_main	11/25/2014 8:16		30.9	26	8.2	34.9	0.29	52	101	-28.2	-61.07	---	No change,,,,,,,
S1NoMain	SEC1north_main	11/25/2014 8:16	ADJ	30.9	26	8.2	34.9	0.3	52	103	-28.1	-61.07	---	
S1NoMain	SEC1north_main	11/25/2014 16:43		30.1	25.8	8	36.1	0.34	53	108	-27.1	-60.31	---	No change,,,,,,,
S1NoMain	SEC1north_main	11/25/2014 16:43	ADJ	30.1	25.8	8	36.1	0.21	53	85	-27.2	-60.31	---	
S1NoMain	SEC1north_main	11/26/2014 7:20		29	24.2	8.7	38.1	0.24	52	91	-27	-60.81	---	No change,,,,,,,
S1NoMain	SEC1north_main	11/26/2014 7:20	ADJ	29	24.2	8.7	38.1	0.3	52	103	-27	-60.81	---	
S1NoMain	SEC1north_main	12/13/2014 8:33		22.9	21.1	9.9	46.1	0.35	49	111	-22.5	-60.63	---	No change,,,,,,,
S1NoMain	SEC1north_main	12/13/2014 8:33	ADJ	22.9	21.1	9.9	46.1	0.25	49	94	-23.4	-60.63	---	
S1NoMain	SEC1north_main	12/15/2014 12:03		44.5	36.5	0.2	18.8	0.24	50	94	-22.5	-61.51	---	No change,,,,,,,
S1NoMain	SEC1north_main	12/15/2014 12:03	ADJ	44.5	36.5	0.2	18.8	0.14	50	72	-22.4	-61.51	---	
S1NoMain	SEC1north_main	12/16/2014 6:10		43.7	36.2	0.2	19.9	0.12	49	66	-23.2	-61.44	---	No change,,,,,,,
S1NoMain	SEC1north_main	12/16/2014 6:10	ADJ	43.7	36.2	0.2	19.9	0.27	49	98	-23.3	-61.44	---	
S1NoMain	SEC1north_main	12/20/2014 9:53		49.4	37.1	0.1	13.4	0.13	48	67	-27.4	-61.65	---	No change,,,,,,,
S1NoMain	SEC1north_main	12/20/2014 9:53	ADJ	49.4	37.1	0.1	13.4	0.14	48	69	-27.4	-61.65	---	
S1NoMain	SEC1north_main	12/20/2014 12:25		49	38.4	0.1	12.5	0.4	49	120	-27	-61.3	---	No change,,,,,,,
S1NoMain	SEC1north_main	12/20/2014 12:25	ADJ	49	38.4	0.1	12.5	0.31	49	105	-27	-61.3	---	
S1NoMain	SEC1north_main	12/22/2014 5:28		50.5	38.9	0.1	10.5	0.1	49	60	-26.9	-60.94	---	No change,,,,,,,
S1NoMain	SEC1north_main	12/22/2014 5:28	ADJ	50.5	38.9	0.1	10.5	0.31	49	105	-27	-60.94	---	
S1NoMain	SEC1north_main	12/22/2014 16:25		50.8	38.5	0	10.7	0.21	49	87	-27	-61.24	---	No change,,,,,,,
S1NoMain	SEC1north_main	12/22/2014 16:25	ADJ	50.8	38.5	0	10.7	0.1	49	58	-27.2	-61.24	---	
S1SoMain	SEC1SouthMain	1/20/2014 10:13		35.6	23.9	1.4	39.1	0.44	46	127	-26.7	-26.72	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	1/20/2014 10:13	ADJ	35.6	23.9	1.4	39.1	0.29	46	104	-26.7	-26.72	---	
S1SoMain	SEC1SouthMain	1/28/2014 8:06		30.6	23	3	43.4	0.18	44	79	-40.3	-40.35	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	1/28/2014 8:06	ADJ	30.6	23	3	43.4	-0.02	44	79	-40.3	-40.35	---	
S1SoMain	SEC1SouthMain	1/29/2014 6:33		33.3	19	3.2	44.5	0.15	44	73	-39.6	-62.77	---	,,,,,,,
S1SoMain	SEC1SouthMain	1/29/2014 6:33	ADJ	33.3	19	3.2	44.5	-0.18	44	73	-39.7	-62.77	---	
S1SoMain	SEC1SouthMain	1/29/2014 14:12		35.9	29.4	1	33.7	0.19	48	80	-39.8	-61.87	---	,,,,,,,
S1SoMain	SEC1SouthMain	1/29/2014 14:12	ADJ	35.9	29.4	1	33.7	0.07	48	47	-39.8	-61.87	---	
S1SoMain	SEC1SouthMain	1/30/2014 6:19		36.8	28.4	1.1	33.7	0.39	45	117	-39.8	-39.87	---	,,,,,,,
S1SoMain	SEC1SouthMain	1/30/2014 6:19	ADJ	36.8	28.4	1.1	33.7	0.25	45	93	-39.8	-39.87	---	
S1SoMain	SEC1SouthMain	1/30/2014 15:00		33.8	31.4	0.8	34	0.1	42	58	-37.7	-62.94	---	,,,,,,,
S1SoMain	SEC1SouthMain	1/30/2014 15:00	ADJ	33.8	31.4	0.8	34	0.12	42	64	-37.7	-62.94	---	
S1SoMain	SEC1SouthMain	2/3/2014 8:33		32.5	29.5	1.2	36.8	0.21	45	84	-43.7	-43.84	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	2/3/2014 8:33	ADJ	32.5	29.5	1.2	36.8	-0.87	45	84	-43.9	-43.84	---	
S1SoMain	SEC1SouthMain	2/10/2014 10:32		31.9	26	3.7	38.4	-0.92	47	---	-49.2	-64.39	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	2/10/2014 10:32	ADJ	31.9	26	3.7	38.4	-0.02	47	---	-48.9	-64.39	---	
S1SoMain	SEC1SouthMain	2/12/2014 6:13		38.3	26.3	1.7	33.7	0.4	43	119	-44.2	-44.23	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	2/12/2014 6:13	ADJ	38.3	26.3	1.7	33.7	0.2	43	83	-44.2	-44.23	---	
S1SoMain	SEC1SouthMain	2/12/2014 14:58		37.7	28.8	2.3	31.2	0.07	46	47	-39.7	-61.9	---	,,,,,,,
S1SoMain	SEC1SouthMain	2/12/2014 14:58	ADJ	37.7	28.8	2.3	31.2	0.13	46	67	-39.7	-61.9	---	
S1SoMain	SEC1SouthMain	2/13/2014 7:45		36.5	28.4	3	32.1	0.16	43	74	-39.7	-61.08	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	2/13/2014 7:45	ADJ	36.5	28.4	3	32.1	0.13	43	66	-39.7	-61.08	---	
S1SoMain	SEC1SouthMain	2/13/2014 15:12		40.4	30.6	1.7	27.3	0.04	42	36	-40.9	-62.9	---	,,,,,,,
S1SoMain	SEC1SouthMain	2/13/2014 15:12	ADJ	40.4	30.6	1.7	27.3	0.2	42	83	-40.9	-62.9	---	
S1SoMain	SEC1SouthMain	2/18/2014 12:58		39.2	30.3	1.7	28.8	0.48	44	132	-32.9	-33.01	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	2/18/2014 12:58	ADJ	39.2	30.3	1.7	28.8	0.42	44	124	-33	-33.01	---	
S1SoMain	SEC1SouthMain	2/24/2014 10:52		35	28.6	1.3	35.1	0.5	42	135	-30.3	-63.65	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	2/24/2014 10:52	ADJ	35	28.6	1.3	35.1	0.25	43	94	-30.3	-63.65	---	
S1SoMain	SEC1SouthMain	3/3/2014 19:04		35.3	29	1.9	33.8	0.33	42	108	-38	-56.15	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	3/3/2014 19:04	ADJ	35.3	29	1.9	33.8	0.29	42	100	-36.4	-56.15	---	
S1SoMain	SEC1SouthMain	3/6/2014 8:58		36.8	30.1	1.3	31.8	0.26	42	96	-31.7	-55.63	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	3/6/2014 8:58	ADJ	36.8	30.1	1.3	31.8	0.66	42	154	-31.5	-55.63	---	
S1SoMain	SEC1SouthMain	3/10/2014 13:49		35.9	29.1	1.4	33.6	0.24	44	93	-26.8	-53.73	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	3/10/2014 13:49	ADJ	35.9	29.1	1.4	33.6	0.7	44	160	-26.8	-53.73	---	
S1SoMain	SEC1SouthMain	3/17/2014 6:53		37.4	28.4	1	33.2	0.67	42	157	-30	-62.55	---	,,,,,,,
S1SoMain	SEC1SouthMain	3/17/2014 6:53	ADJ	37.4	28.4	1	33.2	0.54	43	141	-30	-62.55	---	
S1SoMain	SEC1SouthMain	3/17/2014 15:05		34.3	31.1	0.9	33.7	0.34	43	109	-30.7	-60.65	100	,,,,,,,
S1SoMain	SEC1SouthMain	3/17/2014 15:05	ADJ	34.3	31.1	0.9	33.7	-0.08	44	109	-29.3	-60.65	100	
S1SoMain	SEC1SouthMain	3/18/2014 6:42		35.8	27.8	0.8	35.6	0.56	43	144	-30.6	-70.17	---	,,,,,,,
S1SoMain	SEC1SouthMain	3/18/2014 6:42	ADJ	35.8	27.8	0.8	35.6	0.41	43	122	-30	-70.17	---	
S1SoMain	SEC1SouthMain	3/18/2014 13:00		35.5	29	1.2	34.3	0.05	44	43	-29.7	-60.59	---	,,,,,,,
S1SoMain	SEC1SouthMain	3/18/2014 13:00	ADJ	35.5	29	1.2	34.3	0.56	44	143	-29.6	-60.59	---	
S1SoMain	SEC1SouthMain	3/24/2014 14:22		37.7	32.3	0.6	29.4	0.63	44	152	-25.5	-62.04	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	3/24/2014 14:22	ADJ	37.7	32.3	0.6	29.4	0.17	44	77	-25.5	-62.04	---	
S1SoMain	SEC1SouthMain	3/31/2014 13:49		34	32.2	0.7	33.1	0.17	46	77	-25.4	-55.42	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	3/31/2014 13:49	ADJ	34	32.2	0.7	33.1	0.53	46	137	-25.4	-55.42	---	
S1SoMain	SEC1SouthMain	4/1/2014 8:15		31.9	30.5	1	36.6	0.29	45	101	-26.7	-56.37	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	4/1/2014 8:15	ADJ	31.9	30.5	1	36.6	-0.03	45	101	-26.7	-56.37	---	
S1SoMain	SEC1SouthMain	4/1/2014 15:41		31	33.3	0.5	35.2	0.22	45	87	-26.8	-56.25	---	,,,,,,,
S1SoMain	SEC1SouthMain	4/1/2014 15:41	ADJ	31	33.3	0.5	35.2	-0.23	46	87	-26.8	-56.25	---	
S1SoMain	SEC1SouthMain	4/2/2014 8:42		31.9	28.5	0.7	38.9	0.25	45	95	-27.1	-57.21	---	,,,,,,,
S1SoMain	SEC1SouthMain	4/2/2014 8:42	ADJ	31.9	28.5	0.7	38.9	0.22	45	88	-26.9	-57.21	---	
S1SoMain	SEC1SouthMain	4/2/2014 11:41		30.9	29.9	0.7	38.5	-0.26	51	---	-29.3	-57.36	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	4/2/2014 11:41	ADJ	30.9	29.9	0.7	38.5	-0.02	51	---	-29.2	-57.36	---	
S1SoMain	SEC1SouthMain	4/7/2014 16:04		32.9	31.8	0.1	35.2	0.57	47	141	-31.3	-61.32	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	4/7/2014 16:04	ADJ	32.9	31.8	0.1	35.2	0.5	47	131	-30.9	-61.32	---	
S1SoMain	SEC1SouthMain	4/21/2014 13:33		39	32.6	0.2	28.2	0.53	54	136	-30.2	-63.4	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	4/21/2014 13:33	ADJ	39	32.6	0.2	28.2	1.16	54	204	-30.3	-63.4	---	
S1SoMain	SEC1SouthMain	4/29/2014 14:57		40.7	37.8	0	21.5	0.44	51	123	-35.2	-62.57	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	4/29/2014 14:57	ADJ	40.7	37.8	0	21.5	-0.41	51	123	-34.5	-62.57	---	
S1SoMain	SEC1SouthMain	5/5/2014 15:15		34.8	31.5	0.4	33.3	0.25	53	93	-32.2	-64.87	---	No change,,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
S1SoMain	SEC1SouthMain	5/5/2014 15:15	ADJ	34.8	31.5	0.4	33.3	0.32	53	105	-32.2	-64.87	---	
S1SoMain	SEC1SouthMain	5/12/2014 15:15		34.3	31.2	0.4	34.1	0.46	55	126	-31.4	-62.51	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	5/12/2014 15:15	ADJ	34.3	31.2	0.4	34.1	0.19	55	80	-31.4	-62.51	---	
S1SoMain	SEC1SouthMain	5/14/2014 9:01		31.6	30.7	0.2	37.5	0.24	54	90	-33.3	-62.08	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	5/14/2014 9:01	ADJ	31.6	30.7	0.2	37.5	-0.12	54	90	-32.3	-62.08	---	
S1SoMain	SEC1SouthMain	5/14/2014 15:36		32.9	31.4	0.1	35.6	0.7	55	155	-32	-65.37	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	5/14/2014 15:36	ADJ	32.9	31.4	0.1	35.6	0.35	55	109	-32.1	-65.37	---	
S1SoMain	SEC1SouthMain	5/15/2014 8:13		33.2	31	0.1	35.7	0.52	54	134	-32.3	-65.42	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	5/15/2014 8:13	ADJ	33.2	31	0.1	35.7	0.57	54	140	-32.3	-65.42	---	
S1SoMain	SEC1SouthMain	5/15/2014 17:04		32.6	31.6	0.1	35.7	0.39	54	116	-32.4	-65.96	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	5/15/2014 17:04	ADJ	32.6	31.6	0.1	35.7	0.49	55	129	-32.3	-65.96	---	
S1SoMain	SEC1SouthMain	5/19/2014 9:17		32.2	30.9	0.4	36.5	0.34	55	108	-31.6	-64.21	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	5/19/2014 9:17	ADJ	32.2	30.9	0.4	36.5	0.31	55	103	-31.5	-64.21	---	
S1SoMain	SEC1SouthMain	5/19/2014 14:10		32.9	31.4	0.4	35.3	0.33	53	104	-41.2	-64.92	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	5/19/2014 14:10	ADJ	32.9	31.4	0.4	35.3	0.44	53	121	-41.1	-64.92	---	
S1SoMain	SEC1SouthMain	5/27/2014 14:12		35.4	31.7	0.5	32.4	0.41	57	116	-51.7	-63.86	---	,,,,,,,
S1SoMain	SEC1SouthMain	5/27/2014 14:12	ADJ	35.4	31.7	0.5	32.4	0.47	56	125	-45.4	-63.86	---	
S1SoMain	SEC1SouthMain	6/3/2014 15:06		35.7	31.3	0.2	32.8	0.76	60	156	-59.3	-62.72	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	6/3/2014 15:06	ADJ	35.7	31.3	0.2	32.8	-0.17	60	156	-44.9	-62.72	---	
S1SoMain	SEC1SouthMain	6/10/2014 8:31		35.8	31.8	0.3	32.1	-0.17	60	---	-57.3	-63.74	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	6/10/2014 8:31	ADJ	35.8	31.8	0.3	32.1	1.51	60	223	-52.5	-63.74	---	
S1SoMain	SEC1SouthMain	6/10/2014 15:37		36.7	30.6	0.6	32.1	0.42	62	117	-46.9	-62.21	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	6/10/2014 15:37	ADJ	36.7	30.6	0.6	32.1	0.69	62	151	-48.2	-62.21	---	
S1SoMain	SEC1SouthMain	6/11/2014 7:41		36.9	32.3	0.5	30.3	-0.32	60	---	-45.2	-63.56	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	6/11/2014 7:41	ADJ	36.9	32.3	0.5	30.3	-0.35	60	---	-50.2	-63.56	---	
S1SoMain	SEC1SouthMain	6/11/2014 16:25		39.2	32.3	0.4	28.1	-0.29	62	---	-49.1	-61.94	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	6/11/2014 16:25	ADJ	39.2	32.3	0.4	28.1	0.35	62	106	-51.3	-61.94	---	
S1SoMain	SEC1SouthMain	6/17/2014 15:33		37.2	32.5	0.3	30	0.43	63	119	-44.8	-62.86	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	6/17/2014 15:33	ADJ	37.2	32.5	0.3	30	-0.62	63	119	-47.4	-62.86	---	
S1SoMain	SEC1SouthMain	6/24/2014 9:13		39.3	33.1	0.5	27.1	0.59	63	141	-41.2	-63.69	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	6/24/2014 9:13	ADJ	39.3	33.1	0.5	27.1	1.26	63	205	-47.4	-63.69	---	
S1SoMain	SEC1SouthMain	7/1/2014 15:22		38.8	33.8	0.4	27	0.45	66	124	-31	-61.94	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	7/1/2014 15:22	ADJ	38.8	33.8	0.4	27	0.34	66	106	-31	-61.94	---	
S1SoMain	SEC1SouthMain	7/8/2014 15:22		38.3	33.6	0.5	27.6	0.44	67	122	-31	-62.12	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	7/8/2014 15:22	ADJ	38.3	33.6	0.5	27.6	0.55	67	137	-31	-62.12	---	
S1SoMain	SEC1SouthMain	7/15/2014 13:59		38	33.8	0.4	27.8	0.4	67	116	-30.9	-62.42	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	7/15/2014 13:59	ADJ	38	33.8	0.4	27.8	0.6	67	142	-30.8	-62.42	---	
S1SoMain	SEC1SouthMain	7/16/2014 7:53		37.8	33.8	0.4	28	0.36	66	109	-31.1	-63.06	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	7/16/2014 7:53	ADJ	37.8	33.8	0.4	28	0.28	66	97	-31.1	-63.06	---	
S1SoMain	SEC1SouthMain	7/16/2014 16:28		38.5	33.5	0.3	27.7	0.07	67	48	-30.5	-61.51	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	7/16/2014 16:28	ADJ	38.5	33.5	0.3	27.7	0.31	67	102	-30.5	-61.51	---	
S1SoMain	SEC1SouthMain	7/17/2014 9:47		37.5	34.3	0.3	27.9	0.41	67	117	-31	-62.86	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	7/17/2014 9:47	ADJ	37.5	34.3	0.3	27.9	0.28	67	97	-30.9	-62.86	---	
S1SoMain	SEC1SouthMain	8/7/2014 7:17		39.4	35.5	0.3	24.8	0.38	69	113	-30.3	-62.37	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	8/7/2014 7:17	ADJ	39.4	35.5	0.3	24.8	0.52	69	132	-30.3	-62.37	---	
S1SoMain	SEC1SouthMain	8/7/2014 14:45		40.3	35.3	0.3	24.1	0.37	70	112	-30	-61.52	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	8/7/2014 14:45	ADJ	40.3	35.3	0.3	24.1	0.34	70	107	-29.9	-61.52	---	
S1SoMain	SEC1SouthMain	8/12/2014 6:39		40	35.4	0.4	24.2	0.41	69	117	-30.4	-62.91	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	8/12/2014 6:39	ADJ	40	35.4	0.4	24.2	0.33	69	105	-30.4	-62.91	---	
S1SoMain	SEC1SouthMain	8/12/2014 14:45		40.7	35.9	0.1	23.3	0.1	71	58	-29	0.01	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	8/12/2014 14:45	ADJ	40.7	35.9	0.1	23.3	-0.02	77	58	0	0.01	---	
S1SoMain	SEC1SouthMain	8/12/2014 14:45		40.7	35.9	0.1	23.3	0.1	71	58	-29	-58.97	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	8/12/2014 14:45	ADJ	40.7	35.9	0.1	23.3	0.47	71	126	-29	-58.97	---	
S1SoMain	SEC1SouthMain	8/13/2014 5:42		40.4	37.9	0.2	21.5	0.46	70	123	-29.2	-59.52	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	8/13/2014 5:42	ADJ	40.4	37.9	0.2	21.5	0.47	70	125	-29.1	-59.52	---	
S1SoMain	SEC1SouthMain	8/13/2014 15:00		41	36.2	0.1	22.7	1.05	71	190	-29.5	-60.89	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	8/13/2014 15:00	ADJ	41	36.2	0.1	22.7	0.72	71	157	-29.3	-60.89	---	
S1SoMain	SEC1SouthMain	8/29/2014 13:06		44.5	36.7	0.1	18.7	0.35	72	109	-28.9	-58.48	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	8/29/2014 13:06	ADJ	44.5	36.7	0.1	18.7	0.3	72	101	-28.9	-58.48	---	
S1SoMain	SEC1SouthMain	9/8/2014 13:18		47.5	37.7	0.1	14.7	0.54	71	136	-28.5	-59.58	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	9/8/2014 13:18	ADJ	47.5	37.7	0.1	14.7	0.34	71	107	-28.5	-59.58	---	
S1SoMain	SEC1SouthMain	9/22/2014 6:45		47.3	38	0.2	14.5	0.53	68	135	-31.7	-62.26	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	9/22/2014 6:45	ADJ	47.3	38	0.2	14.5	0.47	69	127	-31.7	-62.26	---	
S1SoMain	SEC1SouthMain	9/23/2014 4:47		47.1	38.1	0.1	14.7	0.57	68	140	-31.5	-61.63	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	9/23/2014 4:47	ADJ	47.1	38.1	0.1	14.7	0.44	68	122	-31.6	-61.63	---	
S1SoMain	SEC1SouthMain	9/23/2014 14:13		47.1	37.5	0	15.4	0.25	69	92	-34.6	-61.59	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	9/23/2014 14:13	ADJ	47.1	37.5	0	15.4	0.22	70	85	-34.6	-61.59	---	
S1SoMain	SEC1SouthMain	10/2/2014 8:39		51.8	39.2	0.1	8.9	0.31	69	104	-30.6	-61.43	---	
S1SoMain	SEC1SouthMain	10/2/2014 8:39	ADJ	51.8	39.2	0.1	8.9	0.46	69	126	-30.6	-61.43	---	
S1SoMain	SEC1SouthMain	10/9/2014 5:56		51.6	39.3	0.2	8.9	0.46	66	126	-31.1	-62.74	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	10/9/2014 5:56	ADJ	51.6	39.3	0.2	8.9	0.29	66	101	-31.1	-62.74	---	
S1SoMain	SEC1SouthMain	10/9/2014 16:38		51.5	39	0	9.5	0.55	67	138	-31.8	-61.56	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	10/9/2014 16:38	ADJ	51.5	39	0	9.5	0.28	67	98	-31.8	-61.56	---	
S1SoMain	SEC1SouthMain	10/10/2014 8:20		50	38.6	0.1	11.3	0.53	65	135	-32.4	-62.56	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	10/10/2014 8:20	ADJ	50	38.6	0.1	11.3	0.68	66	154	-32.3	-62.56	---	
S1SoMain	SEC1SouthMain	10/10/2014 16:34		51.3	39.2	0	9.5	0.34	66	108	-31.1	-60.13	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	10/10/2014 16:34	ADJ	51.3	39.2	0	9.5	0.25	66	92	-31.1	-60.13	---	
S1SoMain	SEC1SouthMain	10/13/2014 6:11		51.9	39.4	0.1	8.6	0.23	66	87	-37.1	-60.14	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	10/13/2014 6:11	ADJ	51.9	39.4	0.1	8.6	0.48	66	128	-37	-60.14	---	
S1SoMain	SEC1SouthMain	11/19/2014 14:59		42.7	34.4	3	19.9	0.25	57	93	-28.8	-61.13	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	11/19/2014 14:59	ADJ	42.7	34.4	3	19.9	0.36	57	113	-28.8	-61.13	---	
S1SoMain	SEC1SouthMain	11/20/2014 7:32		47.3	37.5	0.6	14.6	0.37	53	113	-32.4	-62.01	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	11/20/2014 7:32	ADJ	47.3	37.5	0.6	14.6	0.14	53	70	-32.4	-62.01	---	
S1SoMain	SEC1SouthMain	11/25/2014 8:14		47.5	38.2	0.2	14.1	0.43	54	123	-29.9	-61.34	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	11/25/2014 8:14	ADJ	47.5	38.2	0.2	14.1	0.28	55	98	-29.8	-61.34	---	
S1SoMain	SEC1SouthMain	11/25/2014 16:40		47.3	37.7	0.2	14.8	0.55	55	139	-28.8	-60.36	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	11/25/2014 16:40	ADJ	47.3	37.7	0.2	14.8	0.28	55	99	-28.9	-60.36	---	
S1SoMain	SEC1SouthMain	11/26/2014 7:17		47.3	37.5	0.2	15	0.4	54	118	-28.7	-60.89	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	11/26/2014 7:17	ADJ	47.3	37.5	0.2	15	0.49	55	133	-28.7	-60.89	---	
S1SoMain	SEC1SouthMain	12/13/2014 8:30		47.4	38.5	0.2	13.9	0.34	52	110	-27.7	-60.78	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	12/13/2014 8:30	ADJ	47.4	38.5	0.2	13.9	0.32	52	107	-27.8	-60.78	---	
S1SoMain	SEC1SouthMain	12/16/2014 6:08		47.1	37.7	0.1	15.1	0.03	52	33	-23	-60.98	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	12/16/2014 6:08	ADJ	47.1	37.7	0.1	15.1	0.07	52	50	-23.1	-60.98	---	
S1SoMain	SEC1SouthMain	12/20/2014 9:51		49.5	37.8	0.1	12.6	0.11	52	62	-26.6	-61.47	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	12/20/2014 9:51	ADJ	49.5	37.8	0.1	12.6	0.04	52	39	-26.7	-61.47	---	
S1SoMain	SEC1SouthMain	12/20/2014 12:23		49.2	39.1	0.1	11.6	0.3	52	103	-26.3	-61.02	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	12/20/2014 12:23	ADJ	49.2	39.1	0.1	11.6	0.27	53	98	-26.3	-61.02	---	
S1SoMain	SEC1SouthMain	12/22/2014 5:26		50.8	39.8	0.1	9.3	0.15	52	73	-26.2	-60.41	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	12/22/2014 5:26	ADJ	50.8	39.8	0.1	9.3	0.04	52	39	-26.2	-60.41	---	
S1SoMain	SEC1SouthMain	12/22/2014 16:24		51.5	39.1	0	9.4	0.13	53	69	-26.4	-61.02	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	12/22/2014 16:24	ADJ	51.5	39.1	0	9.4	0.04	53	37	-26.3	-61.02	---	
S2P08OC2	SEC2P08OC2	1/29/2014 12:17		55.1	44.2	0.5	0.2	0.45	120	42	-1	-0.58	---	Opened valve 1/2 turn or less,,,,,,
S2P08OC2	SEC2P08OC2	1/29/2014 12:17	ADJ	55.1	44.2	0.5	0.2	-0.16	120	42	-1	-0.58	---	
S2P08OC2	SEC2P08OC2	2/12/2014 13:59		57.4	41.4	1	0.2	1.6	120	80	-14.3	-11.61	---	No change,,,,,,,
S2P08OC2	SEC2P08OC2	2/12/2014 13:59	ADJ	57.4	41.4	1	0.2	1.45	122	76	-10.8	-11.61	---	
S2P08OC2	SEC2P08OC2	3/18/2014 7:18		58.9	40.3	0.7	0.1	0.21	115	29	-5	-13.37	5	Opened valve 1/2 turn or less,,,,,,
S2P08OC2	SEC2P08OC2	3/18/2014 7:18	ADJ	58.9	40.3	0.7	0.1	-0.41	116	29	-6.8	-13.37	5	
S2P08OC2	SEC2P08OC2	4/1/2014 14:59		54.4	45	0.5	0.1	-2.12	117	---	-4.7	-12.15	3	No change,,,,,,,
S2P08OC2	SEC2P08OC2	4/1/2014 14:59	ADJ	54.4	45	0.5	0.1	0.13	116	22	-8.3	-12.15	3	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
S2P08OC2	SEC2P08OC2	5/15/2014 10:42		55.1	44.8	0	0.1	-0.85	125	---	-36.2	-34.9	---	No change,,,,,,,
S2P08OC2	SEC2P08OC2	5/15/2014 10:42	ADJ	55.1	44.8	0	0.1	-0.1	125	---	-33.1	-34.9	---	
S2P08OC2	SEC2P08OC2	6/10/2014 13:57		55.6	43.3	1	0.1	1.53	88	79	-21.5	-20.74	---	No change,,,,,,,
S2P08OC2	SEC2P08OC2	6/10/2014 13:57	ADJ	55.6	43.3	1	0.1	0.04	88	11	-21.8	-20.74	---	
S2P08OC2	SEC2P08OC2	7/16/2014 11:07		56.5	43	0.4	0.1	-0.02	125	---	-5.7	-6.86	---	No change,,,,,,,
S2P08OC2	SEC2P08OC2	7/16/2014 11:07	ADJ	56.5	43	0.4	0.1	0.12	125	21	-6.8	-6.86	---	
S2P08OC2	SEC2P08OC2	8/12/2014 13:41		55.2	44.7	0	0.1	0.06	126	15	-28.5	-29.42	---	Opened valve 1/2 turn or less,,,,,,,
S2P08OC2	SEC2P08OC2	8/12/2014 13:41	ADJ	55.2	44.7	0	0.1	-0.34	125	15	-29.6	-29.42	---	
S2P08OC2	SEC2P08OC2	9/22/2014 14:04		55.9	43.9	0.1	0.1	0.08	125	17	-29.7	-30.96	---	Opened valve 1/2 turn or less,Valve fully open,,,,,,
S2P08OC2	SEC2P08OC2	9/22/2014 14:04	ADJ	55.9	43.9	0.1	0.1	-0.03	125	17	-30.3	-30.96	---	
S2P08OC2	SEC2P08OC2	10/9/2014 16:21		54.8	44.9	0.1	0.2	0.09	124	17	-33.5	-33.2	---	Opened valve 1/2 turn or less,Valve fully open,,,,,,
S2P08OC2	SEC2P08OC2	10/9/2014 16:21	ADJ	54.8	44.9	0.1	0.2	0	125	17	-33.5	-33.2	---	
S2P08OC2	SEC2P08OC2	11/25/2014 12:48		55.8	44.1	0	0.1	-1.16	115	---	-2.7	-2.74	---	No change,Valve fully open,,,,,,
S2P08OC2	SEC2P08OC2	11/25/2014 12:48	ADJ	55.8	44.1	0	0.1	-1.22	115	---	-2.7	-2.74	---	
S2P08OC2	SEC2P08OC2	12/20/2014 11:45		55	44.6	0.2	0.2	0.07	119	15	-39.5	-39.2	---	No change,Valve fully open,Watered out,,,,,
S2P08OC2	SEC2P08OC2	12/20/2014 11:45	ADJ	55	44.6	0.2	0.2	0.49	119	42	-40.2	-39.2	---	
S2P08OC3	SEC2P08OC3	1/29/2014 12:12		51.8	42.7	2	3.5	-1.99	100	---	-48.4	-48.32	---	No change,,,,,,,
S2P08OC3	SEC2P08OC3	1/29/2014 12:12	ADJ	51.8	42.7	2	3.5	-0.5	100	---	-48.4	-48.32	---	
S2P08OC3	SEC2P08OC3	2/12/2014 13:55		54.4	42.9	2.5	0.2	-0.05	124	---	-47.8	-46.7	---	No change,,,,,,,
S2P08OC3	SEC2P08OC3	2/12/2014 13:55	ADJ	54.4	42.9	2.5	0.2	-10.35	123	---	-38.5	-46.7	---	
S2P08OC3	SEC2P08OC3	3/17/2014 13:45		45.1	52.6	1.2	1.1	0.17	124	23	-52.8	-52.52	20	No change,,,,,,,
S2P08OC3	SEC2P08OC3	3/17/2014 13:45	ADJ	45.1	52.6	1.2	1.1	-0.73	124	23	-52.3	-52.52	20	
S2P08OC3	SEC2P08OC3	4/1/2014 14:56		44.6	51.1	1.6	2.7	-1.16	121	---	-47.6	-48.19	5	No change,,,,,,,
S2P08OC3	SEC2P08OC3	4/1/2014 14:56	ADJ	44.6	51.1	1.6	2.7	1.23	121	64	-47	-48.19	5	
S2P08OC3	SEC2P08OC3	5/15/2014 10:40		37.2	62.7	0	0.1	11.54	66	199	-55.8	-55.83	---	No change,,,,,,,
S2P08OC3	SEC2P08OC3	5/15/2014 10:40	ADJ	37.2	62.7	0	0.1	13.26	66	213	-55.8	-55.83	---	
S2P08OC3	SEC2P08OC3	6/10/2014 13:55		37.4	60.5	1.9	0.2	18.66	83	251	-54.9	-55.03	---	Closed valve 1/2 turn or less,,,,,,,
S2P08OC3	SEC2P08OC3	6/10/2014 13:55	ADJ	37.4	60.5	1.9	0.2	18.39	83	249	-54.8	-55.03	---	
S2P08OC3	SEC2P08OC3	7/21/2014 12:00		39.1	60.3	0.4	0.2	17.16	90	240	-54.2	-54.4	---	No change,,,,,,,
S2P08OC3	SEC2P08OC3	7/21/2014 12:00	ADJ	39.1	60.3	0.4	0.2	17.15	91	240	-54.2	-54.4	---	
S2P08OC3	SEC2P08OC3	8/12/2014 13:52		56.4	42.6	0.7	0.3	---	93	---	-32.6	-50.72	---	Opened valve 1/2 turn or less,,,,,,,
S2P08OC3	SEC2P08OC3	8/12/2014 13:52	ADJ	56.4	42.6	0.7	0.3	---	93	---	-32.7	-50.72	---	
S2P08OC3	SEC2P08OC3	9/25/2014 4:42		45.7	37	4.1	13.2	-2.62	---	---	-4.6	-53.05	---	Closed valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P08OC3	SEC2P08OC3	9/25/2014 4:42	ADJ	45.7	37	4.1	13.2	5.19	---	---	-10.4	-53.05	---	
S2P08OC3	SEC2P08OC3	10/9/2014 16:14		36.3	33.3	0	30.4	---	62	---	-53.4	-53.65	---	Closed valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P08OC3	SEC2P08OC3	10/9/2014 16:14	ADJ	36.3	33.3	0	30.4	---	61	---	-53.4	-53.65	---	
S2P08OC3	SEC2P08OC3	11/29/2014 7:28		14.4	18.8	17.2	49.6	-0.07	30	---	-45.3	-45.53	---	Closed valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P08OC3	SEC2P08OC3	11/29/2014 7:28	ADJ	14.4	18.8	17.2	49.6	-0.1	29	---	-43.5	-45.53	---	
S2P08OC3	SEC2P08OC3	11/29/2014 7:29		13.5	18	17.6	50.9	-0.12	28	---	-45.5	-45.5	---	No change,Valve barely open,Watered out,,,,,
S2P08OC3	SEC2P08OC3	11/29/2014 7:29	ADJ	13.5	18	17.6	50.9	-0.12	28	---	-45.5	-45.5	---	
S2P08OC3 was abandoned in accordance with the 12/12/14 approval.														
S2P8OC11	SEC2P08OC11	1/30/2014 13:11		60.9	38.5	0.4	0.2	1	129	61	-44.4	-51.34	---	No change,,,,,,,
S2P8OC11	SEC2P08OC11	1/30/2014 13:11	ADJ	60.9	38.5	0.4	0.2	0.15	129	23	-41.3	-51.34	---	
S2P8OC11	SEC2P08OC11	2/13/2014 9:59		53.8	45.1	1	0.1	9.73	136	185	-51.5	-50.17	---	Closed valve 1/2 turn or less,,,,,,,
S2P8OC11	SEC2P08OC11	2/13/2014 9:59	ADJ	53.8	45.1	1	0.1	0.15	136	22	-48.8	-50.17	---	
S2P8OC11	SEC2P08OC11	2/13/2014 10:02		53.7	45.1	1	0.2	1.01	136	58	-52.5	-50.8	---	No change,,,,,,,
S2P8OC11	SEC2P08OC11	2/13/2014 10:02	ADJ	53.7	45.1	1	0.2	-0.27	136	58	-51.2	-50.8	---	
S2P8OC11	SEC2P08OC11	2/25/2014 12:32		63.8	35.2	0.9	0.1	2.05	117	91	-41.8	-47.42	---	Opened valve 1/2 turn or less,,,,,,,
S2P8OC11	SEC2P08OC11	2/25/2014 12:32	ADJ	63.8	35.2	0.9	0.1	0.88	130	58	-44.4	-47.42	---	
S2P8OC11	SEC2P08OC11	3/17/2014 9:41		56.2	42.6	1.1	0.1	0.28	129	31	-35.5	-53.68	50	No change,,,,,,,
S2P8OC11	SEC2P08OC11	3/17/2014 9:41	ADJ	56.2	42.6	1.1	0.1	0.33	127	34	-35.5	-53.68	50	
S2P8OC11	SEC2P08OC11	4/1/2014 9:55		54.8	43.5	1.4	0.3	0.09	128	18	-19.8	-48.02	25	No change,,,,,,,
S2P8OC11	SEC2P08OC11	4/1/2014 9:55	ADJ	54.8	43.5	1.4	0.3	0.46	125	41	-20.8	-48.02	25	
S2P8OC11	SEC2P08OC11	5/14/2014 10:38		54.7	44.9	0.2	0.2	0.8	134	51	-56	-55.57	---	No change,,,,,,,
S2P8OC11	SEC2P08OC11	5/14/2014 10:38	ADJ	54.7	44.9	0.2	0.2	0.62	136	45	-54.3	-55.57	---	
S2P8OC11	SEC2P08OC11	5/20/2014 7:37		53.3	45.8	0.8	0.1	1.52	136	71	-57.5	-56.43	---	Opened valve 1/2 turn or less,,,,,,,
S2P8OC11	SEC2P08OC11	5/20/2014 7:37	ADJ	53.3	45.8	0.8	0.1	-0.43	136	71	-56.5	-56.43	---	
S2P8OC11	SEC2P08OC11	5/20/2014 9:39		53.6	45.9	0.4	0.1	-0.08	127	---	-18.9	-56.69	---	Closed valve 1/2 to 1 turn,,,,,,,
S2P8OC11	SEC2P08OC11	5/20/2014 9:39	ADJ	53.6	45.9	0.4	0.1	0.05	127	12	-18.6	-56.69	---	
S2P8OC11	SEC2P08OC11	6/11/2014 7:53		44.8	36	4.5	14.7	0.44	130	41	-10.3	-54.77	---	No change,,,,,,,
S2P8OC11	SEC2P08OC11	6/11/2014 7:53	ADJ	44.8	36	4.5	14.7	0.68	128	51	-9.3	-54.77	---	
S2P8OC11	SEC2P08OC11	7/16/2014 10:05		43	33.6	4.6	18.8	-1.94	130	---	-6.1	-55.94	---	Closed valve 1/2 turn or less,,,,,,,
S2P8OC11	SEC2P08OC11	7/16/2014 10:05	ADJ	43	33.6	4.6	18.8	-2.3	130	---	-5	-55.94	---	
S2P8OC11	SEC2P08OC11	8/13/2014 10:09		45.1	37.7	4.8	12.4	-0.08	120	---	-1.6	-52.49	---	Closed valve 1/2 turn or less,,,,,,,
S2P8OC11	SEC2P08OC11	8/13/2014 10:09	ADJ	45.1	37.7	4.8	12.4	-0.15	120	---	-1.2	-52.49	---	
S2P8OC11	SEC2P08OC11	9/22/2014 7:47		49.6	40.9	3.2	6.3	1.14	111	65	-38.3	-52.34	---	Watered out,,,,,,,
S2P8OC11	SEC2P08OC11	9/22/2014 7:47	ADJ	49.6	40.9	3.2	6.3	-0.72	111	65	-44.5	-52.34	---	
S2P8OC11	SEC2P08OC11	10/9/2014 8:58		47.8	40.4	4.1	7.7	0.48	120	41	-33.6	-53.69	---	Opened valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P8OC11	SEC2P08OC11	10/9/2014 8:58	ADJ	47.8	40.4	4.1	7.7	0.5	126	42	-34.8	-53.69	---	
S2P8OC11	SEC2P08OC11	11/26/2014 12:22		53.1	45	1.7	0.2	---	131	---	-36.1	-48.94	---	Opened valve 1/2 turn or less,Watered out,,,,,,
S2P8OC11	SEC2P08OC11	11/26/2014 12:22	ADJ	53.1	45	1.7	0.2	4.44	133	126	-40.7	-48.94	---	
S2P8OC11	SEC2P08OC11	12/22/2014 14:50		51.6	42.4	2.1	3.9	-1.39	133	---	-37.1	-50.1	---	No change,Watered out,,,,,,
S2P8OC11	SEC2P08OC11	12/22/2014 14:50	ADJ	51.6	42.4	2.1	3.9	-1.56	133	---	-37.6	-50.1	---	
S2P8OC12	SEC2P08OC12	1/30/2014 13:01		55.3	44.2	0.4	0.1	1.63	100	78	-42.4	-52.6	---	No change,,,,,,,
S2P8OC12	SEC2P08OC12	1/30/2014 13:01	ADJ	55.3	44.2	0.4	0.1	3.82	100	121	-44	-52.6	---	
S2P8OC12	SEC2P08OC12	2/13/2014 9:46		54.1	43.2	1.5	1.2	0.04	107	11	-38.1	-52.39	---	No change,,,,,,,
S2P8OC12	SEC2P08OC12	2/13/2014 9:46	ADJ	54.1	43.2	1.5	1.2	2.42	108	95	-40.1	-52.39	---	
S2P8OC12	SEC2P08OC12	3/17/2014 9:57		53.5	40.4	1.5	4.6	3.9	117	121	-45.8	-54.02	50	No change,,,,,,,
S2P8OC12	SEC2P08OC12	3/17/2014 9:57	ADJ	53.5	40.4	1.5	4.6	6.57	117	157	-49.3	-54.02	50	
S2P8OC12	SEC2P08OC12	4/1/2014 10:04		54.2	44.9	0.8	0.1	0.35	106	35	-45.6	-48.4	25	No change,,,,,,,
S2P8OC12	SEC2P08OC12	4/1/2014 10:04	ADJ	54.2	44.9	0.8	0.1	0.54	106	44	-43.4	-48.4	25	
S2P8OC12	SEC2P08OC12	5/14/2014 10:48		55.2	44.5	0.1	0.2	0.09	111	17	-44.9	-55.53	---	No change,,,,,,,
S2P8OC12	SEC2P08OC12	5/14/2014 10:48	ADJ	55.2	44.5	0.1	0.2	3.77	112	118	-46.6	-55.53	---	
S2P8OC12	SEC2P08OC12	6/10/2014 15:12		46.3	33.8	4.8	15.1	2.63	119	99	-44.8	-55.15	---	Closed valve 1/2 turn or less,,,,,,,
S2P8OC12	SEC2P08OC12	6/10/2014 15:12	ADJ	46.3	33.8	4.8	15.1	0.29	119	32	-41.2	-55.15	---	
S2P8OC12	SEC2P08OC12	7/16/2014 10:16		56.8	42.9	0.1	0.2	0.52	119	43	-43.1	-55.82	---	Opened valve 1/2 turn or less,,,,,,,
S2P8OC12	SEC2P08OC12	7/16/2014 10:16	ADJ	56.8	42.9	0.1	0.2	1.74	119	80	-47.6	-55.82	---	
S2P8OC12	SEC2P08OC12	8/13/2014 10:26		54.8	44.9	0.1	0.2	0.27	116	30	-41.8	-52.68	---	Opened valve 1/2 turn or less,,,,,,,
S2P8OC12	SEC2P08OC12	8/13/2014 10:26	ADJ	54.8	44.9	0.1	0.2	1.16	116	64	-43.8	-52.68	---	
S2P8OC12	SEC2P08OC12	9/22/2014 8:02		48.8	39.1	4.7	7.4	-0.47	83	---	-37.2	-53.73	---	Watered out,,,,,,,
S2P8OC12	SEC2P08OC12	9/22/2014 8:02	ADJ	48.8	39.1	4.7	7.4	-0.55	83	---	-36.9	-53.73	---	
S2P8OC12	SEC2P08OC12	10/13/2014 11:25		49.1	33.9	4.8	12.2	-1.65	60	---	-28.5	-51.28	---	No change,Valve barely open,Watered out,,,,,
S2P8OC12	SEC2P08OC12	10/13/2014 11:25	ADJ	49.1	33.9	4.8	12.2	-1.64	60	---	-28.5	-51.28	---	
S2P8OC12	SEC2P08OC12	11/29/2014 8:04		2.6	1.5	20.9	75	-0.14	57	---	-46.8	-47.14	---	Closed valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P8OC12	SEC2P08OC12	11/29/2014 8:04	ADJ	2.6	1.5	20.9	75	0.07	57	16	-45.4	-47.14	---	
S2P8OC12	SEC2P08OC12	11/29/2014 8:06		1.3	0.9	21.3	76.5	0.86	57	58	-45.7	-47.14	---	Closed valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P8OC12	SEC2P08OC12	11/29/2014 8:06	ADJ	1.3	0.9	21.3	76.5	-0.36	56	58	-45.8	-47.14	---	
S2P08OC12 was abandoned in accordance with the 12/12/14 approval.														
SEC2MH17	SEC2MH17	1/29/2014 11:03		55	31.1	3.5	10.4	-2.34	42	---	-38.5	-42.78	---	No change,,,,,,,
SEC2MH17	SEC2MH17	1/29/2014 11:03	ADJ	55	31.1	3.5	10.4	-2.34	40	---	-38.4	-42.78	---	
SEC2MH17	SEC2MH17	2/12/2014 8:25		66.4	30.9	1.5	1.2	0.06	45	16	-40.7	-43.64	---	No change,,,,,,,
SEC2MH17	SEC2MH17	2/12/2014 8:25	ADJ	66.4	30.9	1.5	1.2	-0.27	46	16	-44.4	-43.64	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2MH17	SEC2MH17	3/18/2014 12:31		57.4	41.7	0.7	0.2	-1.88	43	---	-1.1	-49.97	1	Opened valve 1/2 turn or less,,,,,,
SEC2MH17	SEC2MH17	3/18/2014 12:31	ADJ	57.4	41.7	0.7	0.2	0.45	42	46	-1.7	-49.97	2	
SEC2MH17	SEC2MH17	4/2/2014 10:30		48.6	38.1	1.5	11.8	0.18	61	27	-6.8	-49.97	5	Closed valve 1/2 turn or less,,,,,,
SEC2MH17	SEC2MH17	4/2/2014 10:30	ADJ	48.6	38.1	1.5	11.8	-0.03	61	27	-6.3	-49.97	2	
SEC2MH17	SEC2MH17	5/15/2014 12:51		57	42.9	0	0.1	0.14	47	25	-3.2	-53.66	2	Opened valve 1/2 turn or less,,,,,,
SEC2MH17	SEC2MH17	5/15/2014 12:51	ADJ	57	42.9	0	0.1	0.48	47	47	-3.8	-53.66	5	
SEC2MH17	SEC2MH17	6/10/2014 11:30		43.7	34.6	1.3	20.4	0.48	56	45	-17	-52.19	2	Closed valve 1/2 turn or less,,,,,,
SEC2MH17	SEC2MH17	6/10/2014 11:30	ADJ	43.7	34.6	1.3	20.4	0.37	56	40	-16.1	-52.19	5	
SEC2MH17	SEC2MH17	7/16/2014 14:46		53.3	38.5	0.9	7.3	0.16	60	26	-6.9	-39.27	2	No change,,,,,,
SEC2MH17	SEC2MH17	7/16/2014 14:46	ADJ	53.3	38.5	0.9	7.3	0.25	60	33	-6.9	-39.27	2	
SEC2MH17	SEC2MH17	8/13/2014 14:24		48.5	37.7	1.3	12.5	0.83	63	60	-9.4	-50.34	2	Closed valve 1/2 turn or less,,,,,,
SEC2MH17	SEC2MH17	8/13/2014 14:24	ADJ	48.5	37.7	1.3	12.5	0.7	62	55	-9	-50.34	1.5	
SEC2MH17	SEC2MH17	9/22/2014 9:13		50.3	37.4	1.3	11	0.12	59	22	-3.9	-53.84	1.5	No change,,,,,,
SEC2MH17	SEC2MH17	9/22/2014 9:13	ADJ	50.3	37.4	1.3	11	0.1	59	21	-3.9	-53.84	1.5	
SEC2MH17	SEC2MH17	10/10/2014 9:32		49.9	37.5	1.5	11.1	0.11	56	21	-3.9	-54.3	1.5	Closed valve 1/2 turn or less,,,,,,
SEC2MH17	SEC2MH17	10/10/2014 9:32	ADJ	49.9	37.5	1.5	11.1	0.06	56	16	-3.6	-54.3	1	
SEC2MH17	SEC2MH17	11/26/2014 9:43		55.8	40.1	1.6	2.5	-0.36	45	---	-1.4	-50.19	1	Opened valve 1/2 turn or less,,,,,,
SEC2MH17	SEC2MH17	11/26/2014 9:43	ADJ	55.8	40.1	1.6	2.5	-0.28	46	---	-1.9	-50.19	1.5	
SEC2MH17	SEC2MH17	12/22/2014 14:10		46.5	35.9	2.3	15.3	0.12	47	23	-4.7	-48.26	1.5	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC2MH17	SEC2MH17	12/22/2014 14:10	ADJ	46.5	35.9	2.3	15.3	-0.09	47	23	-4.3	-48.26	1	
SEC2MH18	SEC2MH18	1/29/2014 10:57		0.6	9.2	20.6	69.6	-0.25	30	---	-47	-51.18	---	Closed valve 1/2 turn or less,,,,,,
SEC2MH18	SEC2MH18	1/29/2014 10:57	ADJ	0.6	9.2	20.6	69.6	-0.24	30	---	-47	-51.18	---	
SEC2MH18	SEC2MH18	1/29/2014 10:59		0.4	7.8	21	70.8	-0.2	30	---	-35.6	-51.24	---	No change,,,,,,
SEC2MH18	SEC2MH18	1/29/2014 10:59	ADJ	0.4	7.8	21	70.8	-0.18	30	---	-35.6	-51.24	---	
SEC2MH18	SEC2MH18	2/12/2014 8:30		0.5	5.7	20.7	73.1	-0.04	31	---	-6.8	-41.42	---	No change,,,,,,
SEC2MH18	SEC2MH18	2/12/2014 8:30	ADJ	0.5	5.7	20.7	73.1	-0.08	31	---	-6.7	-41.42	---	
SEC2MH18	SEC2MH18	2/12/2014 8:32		0.6	5.8	20.5	73.1	0.1	31	21	-6.4	-43.7	---	No change,,,,,,
SEC2MH18	SEC2MH18	2/12/2014 8:32	ADJ	0.6	5.8	20.5	73.1	-0.06	31	21	-6.1	-43.7	---	
SEC2MH18	SEC2MH18	3/18/2014 12:34		58.6	41.1	0.2	0.1	0.11	37	22	-0.7	-50.38	1	Opened valve 1/2 turn or less,,,,,,
SEC2MH18	SEC2MH18	3/18/2014 12:34	ADJ	58.6	41.1	0.2	0.1	0.12	37	23	-0.9	-50.38	2	
SEC2MH18	SEC2MH18	4/2/2014 10:32		46.1	35.3	1.2	17.4	-0.07	58	---	-3.8	-50.24	5	Closed valve 1/2 turn or less,,,,,,
SEC2MH18	SEC2MH18	4/2/2014 10:32	ADJ	46.1	35.3	1.2	17.4	-0.08	58	---	-3.8	-50.24	2	
SEC2MH18	SEC2MH18	5/15/2014 12:54		58	41.9	0	0.1	-0.02	50	---	-0.4	-54.8	2	Opened valve 1/2 turn or less,,,,,,
SEC2MH18	SEC2MH18	5/15/2014 12:54	ADJ	58	41.9	0	0.1	0.02	49	8	-0.8	-54.8	5	
SEC2MH18	SEC2MH18	6/10/2014 11:33		42.2	33.5	1.3	23	-0.12	60	---	-10.3	-48.06	2	Closed valve 1/2 turn or less,,,,,,
SEC2MH18	SEC2MH18	6/10/2014 11:33	ADJ	42.2	33.5	1.3	23	-0.18	59	---	-10.1	-48.06	5	
SEC2MH18	SEC2MH18	7/16/2014 14:49		49.3	36.7	0.5	13.5	0.14	67	24	-3.9	-39.5	5	No change,,,,,,
SEC2MH18	SEC2MH18	7/16/2014 14:49	ADJ	49.3	36.7	0.5	13.5	0.1	67	21	-3.9	-39.5	5	
SEC2MH18	SEC2MH18	8/13/2014 14:27		43	35.6	0.5	20.9	0.16	70	26	-5.6	-50.7	5	Closed valve 1/2 turn or less,,,,,,
SEC2MH18	SEC2MH18	8/13/2014 14:27	ADJ	43	35.6	0.5	20.9	-0.18	69	26	-5.5	-50.7	4	
SEC2MH18	SEC2MH18	9/22/2014 9:15		41.8	32	2.6	23.6	0.04	61	12	-1.9	-54.03	0.2	Valve barely open,,,,,,
SEC2MH18	SEC2MH18	9/22/2014 9:15	ADJ	41.8	32	2.6	23.6	0.04	61	13	-1.9	-54.03	0.2	
SEC2MH18	SEC2MH18	10/10/2014 9:35		43	33.8	1.9	21.3	0.22	52	31	-1.7	-54.36	0.25	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC2MH18	SEC2MH18	10/10/2014 9:35	ADJ	43	33.8	1.9	21.3	0.2	52	30	-1.7	-54.36	0.1	
SEC2MH18	SEC2MH18	11/26/2014 9:39		50.4	37.5	1.5	10.6	-0.1	40	---	-0.7	-50.72	0.1	No change,,,,,,
SEC2MH18	SEC2MH18	11/26/2014 9:39	ADJ	50.4	37.5	1.5	10.6	-0.12	40	---	-0.7	-50.72	0.1	
SEC2MH18	SEC2MH18	12/22/2014 14:05		50.5	35.9	1.2	12.4	-0.33	42	---	-2	-48.22	0.1	No change,,,,,,
SEC2MH18	SEC2MH18	12/22/2014 14:05	ADJ	50.5	35.9	1.2	12.4	-0.35	41	---	-2	-48.22	0.1	
SEC2MH19	SEC2MH19	1/29/2014 10:53		28.4	24.3	10.7	36.6	-0.22	31	---	-51.2	-51.27	---	Closed valve 1/2 turn or less,,,,,,
SEC2MH19	SEC2MH19	1/29/2014 10:53	ADJ	28.4	24.3	10.7	36.6	-0.22	31	---	-51.2	-51.27	---	
SEC2MH19	SEC2MH19	1/29/2014 10:54		30.1	23.8	10.4	35.7	-0.22	31	---	-51.1	-51.22	---	No change,,,,,,
SEC2MH19	SEC2MH19	1/29/2014 10:54	ADJ	30.1	23.8	10.4	35.7	-0.24	31	---	-51.2	-51.22	---	
SEC2MH19	SEC2MH19	2/12/2014 8:35		0.3	1.9	21.5	76.3	0.04	32	11	-44.5	-41.38	---	Closed valve 1/2 turn or less,,,,,,
SEC2MH19	SEC2MH19	2/12/2014 8:35	ADJ	0.3	1.9	21.5	76.3	-0.59	32	11	-44.3	-41.38	---	
SEC2MH19	SEC2MH19	2/12/2014 8:45		0.4	1.7	21.5	76.4	-0.34	32	---	-41.1	-45.39	---	No change,,,,,,
SEC2MH19	SEC2MH19	2/12/2014 8:45	ADJ	0.4	1.7	21.5	76.4	-0.06	32	---	-42.9	-45.39	---	
SEC2MH19	SEC2MH19	3/18/2014 12:36		59.6	39.9	0.4	0.1	0.19	37	30	-0.2	-49.93	1	Opened valve 1/2 turn or less,,,,,,
SEC2MH19	SEC2MH19	3/18/2014 12:36	ADJ	59.6	39.9	0.4	0.1	0.3	37	38	-0.4	-49.93	1.2	
SEC2MH19	SEC2MH19	4/2/2014 10:34		20.6	12.1	13.3	54	-0.03	59	---	-0.2	-50.08	---	No change,,,,,,
SEC2MH19	SEC2MH19	4/2/2014 10:34	ADJ	20.6	12.1	13.3	54	-0.02	59	---	-0.2	-50.08	---	
SEC2MH19	SEC2MH19	4/2/2014 10:36		20	13.3	12.5	54.2	-0.02	59	---	-0.2	-50.32	2	Closed valve 1/2 turn or less,,,,,,
SEC2MH19	SEC2MH19	4/2/2014 10:36	ADJ	20	13.3	12.5	54.2	-0.02	59	---	-0.2	-50.32	1	
SEC2MH19	SEC2MH19	5/15/2014 12:57		58.5	41.3	0	0.2	0.02	49	9	-0.1	-54.54	1	Opened valve 1/2 turn or less,,,,,,
SEC2MH19	SEC2MH19	5/15/2014 12:57	ADJ	58.5	41.3	0	0.2	0.05	49	15	-0.2	-54.54	2	
SEC2MH19	SEC2MH19	6/10/2014 11:36		46.8	32.6	3.9	16.7	-0.08	60	---	-0.1	-48.49	1	No change,,,,,,
SEC2MH19	SEC2MH19	6/10/2014 11:36	ADJ	46.8	32.6	3.9	16.7	-0.1	58	---	-0.1	-48.49	2	
SEC2MH19	SEC2MH19	7/21/2014 13:55		57.4	41.7	0.8	0.1	4.34	62	142	-10.2	-21.87	2	No change,,,,,,
SEC2MH19	SEC2MH19	7/21/2014 13:55	ADJ	57.4	41.7	0.8	0.1	5.14	61	155	-10.3	-21.87	2	
SEC2MH19	SEC2MH19	8/18/2014 14:24		56.7	43	0.1	0.2	0	81	---	-0.1	-49.97	2	No change,,,,,,
SEC2MH19	SEC2MH19	8/18/2014 14:24	ADJ	56.7	43	0.1	0.2	0.03	75	10	-0.2	-49.97	2	
SEC2MH19	SEC2MH19	9/6/2014 5:21		24.2	17.1	11.8	46.9	0.08	59	19	-0.2	-47.4	2	Valve barely open,,,,,,
SEC2MH19	SEC2MH19	9/6/2014 5:21	ADJ	24.2	17.1	11.8	46.9	0.09	59	19	-0.2	-47.4	2	
SEC2MH19	SEC2MH19	9/6/2014 5:25		27.9	19.5	10.8	41.8	0.04	58	13	-0.2	-47.55	2	Valve barely open,,,,,,
SEC2MH19	SEC2MH19	9/6/2014 5:25	ADJ	27.9	19.5	10.8	41.8	0.05	59	15	-0.1	-47.55	2	
SEC2MH19 was abandoned on 09/22/14 for Phase 12B cell construction.														

Notes:

- Indicates an exceedance of the operating conditions for oxygen (≥5%), pressure (≥ 0.0 in. H20), or temperature (≥131 deg.F) at locations without alternate operation conditions for temperature.
- Indicates an operating temperature greater than 131 deg.F, but less than or equal to 148 deg. F as allowed by the temporary approval issued by the WDNR on February 20, 2014 or October 10, 2014.
- Indicates an oxygen level greater than 5% that is not an exceedance because of a WDNR approved alternate timeline for compliance.

Attachment A-2

WDNR Approvals

- Request for Alternate Operating Procedures/Limits and Abandonment, dated January 2, 2014
- Exceedances at Wells Greater than 45 Days and Request for Alternate Operating Standards, dated February 20, 2014
- Alternate Timeline Request, dated March 7, 2014
- Gas Extraction Well S2P04OC3, dated April 29, 2014
- Extension Request, dated June 3, 2014
- Gas Extraction Wells S2P06LC2, S2P07LC1, S2P08LC2, S2P09LC1, and S2P10LC2, dated June 25, 2014
- Request for Alternate Operating Standards and Notification of Abandonment, dated October 10, 2014
- Gas Extraction Well S2P02OC2, S2P04OC1, S2P08OC3 and S2P08OC12, dated December 12, 2014

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
5301 Rib Mountain Drive
Wausau, WI 54401

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

FID: 618045450

January 2, 2014

Mark Vinall
Advanced Disposal Services Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire WI 54703-9727

Subject: Request for Alternate Operating Procedures/Limits and Abandonment

Dear Mr. Vinall:

This letter is in response to Advanced Disposal Services Seven Mile Creek Landfill's (ADSSMCL) evaluation of the well fields, dated December 17, 2013. The well field evaluation was a result of numerous gas wells experiencing a combination of positive pressure, oxygen greater than 5 percent and temperature greater than 131°F, that have gone unresolved for greater than 45 days as determined by the August 13, 2013 air inspection.

On September 24, 2013 the department approved a request to defer well field expansion until October 31, 2013 to correct the unresolved deviations.

ADSSMCL has proposed to address the issues identified by the well field evaluation no later than June 2014 by:

- Installation of additional vertical LFG wells
- Abandonment and Replacement of select vertical extraction wells
- Liquid dewatering of select vertical extraction wells
- Abandonment of select vertical and horizontal LFG collectors
- Establishment of alternative operating procedures for manhole LFG collection points
- Establishment of higher operating values for select LFG collection points

Installation of Additional Vertical LFG Wells
The air program concurs with the installation of the following wells within sector 2: SEC2GW19, SEC2GW32, SEC2GW33, SEC2GW34, SEC2GW44, and SEC2GW52.

Abandonment and Replacement of Select Vertical Extraction Wells
The air program concurs with the abandonment and replacement of the following wells within sector 2:

Well to be Abandoned	Replacement Well
SEC2GW03	SEC2GW3A
SC2GW10A	SC2GW10B
S2GEW11A	SC2GW11B
SEC2GW14	SC2GW14A
SEC2GW15	SC2GW15A
SEC2GW16	SC2GW16A
SEC2GW22	SC2GW22A
SEC2GW23	SC2GW23A
SEC2GW26	SC2GW26A

Well to be Abandoned	Replacement Well
SEC2GW27	SC2GW27A
SEC2GW28	SC2GW28A
SC2GW29A	SC2GW29B
SEC2GW36	SC2GW36A
SEC2GW40	SC2GW40A
SEC2GW43	SC2GW43A
SEC2GW61	SC2GW61A
SEC2GW11	n/a – new well SC2GW11B in proximity
SEC2GW62	n/a – new well SC2GW29B in proximity

Liquid Dewatering of Select Vertical Extraction Wells
The air program concurs with the dewatering of the following wells within sector 2: SEC2GW5A, SEC2GW6A, SEC2GW7A, SEC2GW08, SEC2GW9A, SEC2GW17, SEC2GW18, SEC2GW20, SEC2GW21, SE2GW24A, SE2GW25A, SEC2GW30, SEC2GW31, SEC2GW35, SEC2GW37 and SEC2GW38.

Abandonment of Select Vertical and Horizontal LFG Collectors
The air program concurs with the abandonment of the following vertical wells within sector 2: SEC2GW11 and SEC2GW62. In addition, the air program concurs with the abandonment of the following horizontal collectors: S2P01OC1, S2P01OC3, S2P01OC4, S2P08OC5, S2P08OC6, S2P08OC9, S2P8OC10, S2P10OC1, S2P10OC2, S2P10OC3 and S2P10OC4.

Establishment of Alternative Operating Procedures for Manhole LFG Collection Points
ADSSMCL has requested approval to have positive pressures at and to intermittently apply vacuum to the following manholes: SEC2MH08, SEC2MH09, SEC2MH10, SEC2MH11, SEC2MH12, SEC2MH13, SEC2MH17, SEC2MH18 and SEC2MH19. ADSSMCL would keep the well heads closed between monthly LFG well field balancing events. During monthly monitoring the LFG concentration would be measured. If significant LFG pressure existed, the valve would be opened and the LFG would be monitored. LFG will be collected from the manholes until oxygen concentration exceeds 5% by volume. Once oxygen reaches approximately 5%, the valve will be closed until the next monthly monitoring event.

In order to consider the request, more information would be needed. Specifically, the quarterly surface methane monitoring results showing that methane exceedances have not been an issue at the manholes aforementioned. In addition, it appears that monitoring records have only been provided for all or portions of 2013. Records that include the temperature, pressure, header pressure, flow, valve setting, concentration of methane, carbon dioxide, oxygen and balance gas should be provided for the previous 24 months or more.

Establishment of Higher Operating Values for Select LFG Collection Points
ADSSMCL has requested a higher operating value of 148°F at three horizontal collectors. ADSSMCL has provided the maximum temperatures aud an eight-nine month temperature history for S2P08OC4, S2P08OC7 and S2P11OC2.

In order to consider the request, more information would be needed. Specifically, temperature records should be provided for the previous 24 months or more.

Upon reviewing the proposal in its entirety, it is still unclear how all exceedances will be resolved. Permit conditions I.A-B.4.b.(12)(b) and I.A-B.4.b.(14)(b) state that if correction of the exceedance or negative pressure cannot be achieved within 45 days after the first measurement, then the gas collection system shall be expanded to correct the exceedance within 120 days after the initial exceedance or positive pressure. Your letter states that many of the operational exceedances have been resolved and compliance achieved, but six locations continue to exhibit exceedances. While it is fortunate that wells that have had a temperature, pressure or oxygen deviation lasting longer than 45 days have been restored to permitted values, it is unclear if the gas collection system was expanded to achieve compliance.

In order to better understand the correction of the operational exceedances, I am requesting that ADSSMCL submit a response that details how each well identified in Note 1 of the inspection report as exceeding 45 days has been corrected, or will be corrected by the expansion of the gas collection system. This information is requested in accordance with s. NR 439.03(1), Wis. Adm. Code and should be submitted to this office within 30 days upon receipt of this letter.

If you have any questions on this matter, please contact me at 715-355-9474.

Sincerely,
WEST CENTRAL REGION

Ashley P. Gray
Air Management Engineer

CC: WCR file, Wausau
Marty Herrick, La Crosse (e-copy)
Bureau of Air Management, AM/7 (e-copy)
Brian Kent, SEH, 312 South 3rd Street, La Crosse, WI 54601-4007

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
5301 Rib Mountain Drive
Wausau, WI 54401

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

WISCONSIN DEPT. OF NATURAL RESOURCES

FID: 618045450

February 20, 2014

Mark Vinall
Advanced Disposal Services Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire WI 54703-9727

Subject: Exceedances at Wells Greater than 45 Days and Request for Alternate Operating Standards

Dear Mr. Vinall:

This letter is in response to your February 18, 2014 email response to the Wisconsin Department of Natural Resources (department) January 2, 2014 letter requesting additional information regarding exceedances at wells identified during the August 13, 2013 inspection. Your email also requested reconsideration of the temperature and manhole collection point alternate operating scenarios.

Air Pollution Control Operation Permit no. 618045450-P01, which was issued December 22, 2005, contains the following permit conditions:

- I.A.B.4.b.(1) states that the permittee shall operate the collection system with negative pressure at each wellhead.
- I.A.B.4.b.(3) states that the permittee shall operate each interior wellhead in the gas collection system in the following manner:
  - (a) with a landfill gas temperature less than 131°F.
  - (b) with either a nitrogen level less than 20 percent, or an oxygen level less than 5 percent.
- I.A.B.4.b.(12)(b) states that if negative pressure cannot be achieved without excess air infiltration within 45 calendar days of the first measurement, the gas collection system shall be expanded to correct the exceedance within 120 days of the initial measurement of positive pressure.
- I.A.B.4.b.(14)(b) states that if correction of the exceedance (temperature, nitrogen or oxygen) cannot be achieved within 45 calendar days after the first measurement, then the gas collection system shall be expanded to correct the exceedance within 120 days after the initial exceedance.

During the August 13, 2013 inspection, it was noted that numerous (forty) wells had experienced exceedances lasting longer than 45 days for pressure, temperature and oxygen.

On September 24, 2013 the department approved a request to defer well field expansion until October 31, 2013 to correct the unresolved deviations.

On December 20, 2013 the department received ADSSMCL's evaluation of the well fields, dated December 17, 2013. ADSSMCL had proposed to address the issues identified by the well field evaluation no later than June 2014 by:

- Installation of additional vertical LFG wells
- Abandonment and Replacement of select vertical extraction wells
- Liquid dewatering of select vertical extraction wells
- Abandonment of select vertical and horizontal LFG collectors

- Establishment of alternative operating procedures for manhole LFG collection points
- Establishment of higher operating values for select LFG collection points

The department responded to ADSSMCL's proposal on January 2, 2014 by concurring with installation of vertical wells, abandoning and replacing of select wells, liquid dewatering, abandonment of select vertical and horizontal collectors and could not approve or deny establishment of alternative operating procedures for manhole collection points or higher operating temperatures for collection points due to lack of information. However, since ADSSMCL's evaluation proposal did not include all gas wells as identified as having exceedances lasting longer than 45 days as identified in the inspection report, a response was requested by February 6, 2014 to address how each well has been corrected or will be corrected by expansion of the collection system.

On February 18, 2014, a response was emailed to the department, dated February 6, 2014. Your response states that only six locations had continued exceedances after the December 17, 2013 evaluation and that proposed actions for the six locations were included in the proposal. Four of the six wells were approved for abandonment (S2P01OC3, S2P08OC5, S2P8OC10, and S2P10OC2) and the remaining two wells were requested for a higher operating temperature (S2P08OC4, S2P08OC7), but could not be approved without further information, in the department's January 2, 2014 letter.

Your letter also states that ADSSMCL was able to correct the 45+ day exceedances without expansion of the gas collection through:

1. Additional wellfield tuning and maintenance
2. WDNR's approval of alternative timeline
3. WDNR's approval of abandonment at select locations

Even though wells that have had a temperature, pressure or oxygen deviation lasting longer than 45 days have been restored to permitted values, the permit very clearly states that the gas collection system shall be expanded to correct the exceedance within 120 days after the initial exceedance. It appears that ADSSMCL was under the impression that the landfill had 120 days to correct the exceedances (for non-abandoned wells) hy tuning and maintenance alone.

Tuning and maintenance are an important step in maintaining compliance with permitted parameters. However, after 45 days with no success with this method, the permit requires gas collection system expansion within 120 days after the initial exceedance.

The department's approval of an alternative timeline gave an extension to defer well field expansion until October 31, 2013. After a phone conversation with Randy Frank on February 19, 2014, it was clear that there was confusion about what this alternative timeline had meant. It appears that ADSSMCL was under the impression that the extension was for additional wellfield tuning and maintenance and not for deferring well field expansion.

Considering that ADSSMCL has achieved compliance on the wells identified in the inspection report by wellfield tuning and maintenance, ADSSMCL has had insufficient technical staff during which the exceedances occurred and ADSSMCL was confused by the extension language, gas collection system expansion is not required at this time for the wells identified in the inspection report that have been returned to permitted values. However, if the wells experience exceedances in the future, it is expected that ADSSMCL follow the permit and expand the gas collection system to correct the exceedance if the deviations cannot be corrected within 45 days.

It is important to note that since ADSSMCL is subject to the Standards of Performance for New Stationary Sources (NSPS) for Municipal Solid Waste Landfills 40 CFR Part 60 Subpart WWW, with the issuance of the air pollution operation permit reuewal, it is expected that expansion of the gas collection system occur within 120 days of initial exceedance if an exceedance cannot be corrected within 15 calendar days of the first measurement.

Alternate Operating Standards Request for Temperature
ADSSMCL has asked the department to reconsider an alternate temperature standard using less than 24 months of data. According to your letter, methane levels at wells S2P08OC4 and S2P08OC7 have consistently been above 50% and oxygen levels have remained below 2% while temperatures were greater than 131°F. Field tests were conducted August 14, 2013 and September 14, 2013 for carbon monoxide and there was none detected during the monitoring events. In addition, ADSSMCL has not observed burn odors or other signs of fire or settlement. These data leads ADSSMCL to believe that a sub-surface fire is not present at these locations.

Considering that these wells have experienced ongoing temperatures greater than 131°F for many months, the department temporarily approves an alternate operating standard for wells S2P08OC4 and S2P08OC7 of 148°F if the following monthly documentation of monitoring is provided (mail or email): methane, oxygen, carbon monoxide, temperature, carbon dioxide, the methane to carbon dioxide ratio, balance gas and flow. Monthly results of monitoring should be provided within 1 week of monitoring at the wells. This temporary approval expires one year from the date of this letter, February 20, 2015. At that time ADSSMCL may request a more permanent approval, provided the data supports such a request.

Alternate Operating Standards Request for Manhole LFG Collection Points
ADSSMCL has asked the department to reconsider an alternate standard for several leachate manholes using less than 24 months of data. According to ADSSMCL, there is marginal LFG quality and increasing oxygen concentrations at the following wells:

SEC2MH08	SEC2MH09	SEC2MH10	SEC2MH11	SEC2MH12
SEC2MH13	SEC2MH17	SEC2MH18	SEC2MH19	

ADSSMCL has requested approval to intermittently apply vacuum to the manholes. This would involve closing the well heads between monthly well field balancing events. If significant LFG pressure exists during monthly monitoring, the valves will be monitored and collected until the oxygen concentration exceeds 5 percent and the valves will be closed until the next balancing event to limit oxygen intrusion into the collection system.

The department temporarily approves an alternate operating standard for the aforementioned wells so long as surface emission scans pay special attention to the aforementioned wells and the following monthly documentation of monitoring is provided: date of monitoring, methane, oxygen, temperature, flow, valve setting, well pressure and balance gas. Monthly results of monitoring should be provided within 1 week of monitoring at the wells. This temporary approval expires one year from the date of this letter, February 20, 2015. At that time ADSSMCL may request a more permanent approval, provided the data supports such a request.

If you have any questions on this matter, please contact me at 715-355-9474.

Sincerely,
WEST CENTRAL REGION

Ashley P. Gray
Air Management Engineer

CC: WCR file, Wausau
Jeff Johnson, Eau Claire (e-copy)
Marty Herrick, La Crosse (e-copy)
Bureau of Air Management, AM/7 (e-copy)
Randy Frank, Advanced Disposal Services Seven Mile Creek Landfill, 8001 Olson Drive, Eau Claire, WI 54703-9727

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
5301 Rib Mountain Drive
Wausau, WI 54401

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

WISCONSIN DEPT. OF NATURAL RESOURCES

FID: 618045450

March 7, 2014

Mark Vinall
Advanced Disposal Services Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire, WI 54703-9727

Subject: Alternative Timeline Request

Dear Mr. Vinall:

This letter is in response to your email, dated March 4, 2014, requesting that an Alternative Compliance Timeline be approved for Gas Wells S2P01OC6, S2P04OC3 and S2P08OC4 to allow Advanced Disposal Services Seven Mile Creek Landfill (ADSSMCL) additional time beyond the 45 days from the initial exceedance to allow ADSSMCL to return Gas Wells S2P01OC6, S2P04OC3 and S2P08OC4 to compliance by corrective actions other than expansion of the collection system.

According to your email, the aforementioned wells have frozen lines resulting in restricted gas flow from the wells. Gas Wells S2P01OC6, S2P04OC3 and S2P08OC4 have been experiencing elevated oxygen levels since February 13, 2014, January 30, 2014 and February 12, 2014, respectively. ADSSMCL has requested an additional 30 days from the date of the initial exceedance (75 days total) to remove the ice blockages and achieve compliant readings.

Based on the information provided, the department concurs with your alternative compliance timeline request to allow ADSSMCL to return Gas Wells S2P01OC6, S2P04OC3 and S2P08OC4 to compliance by corrective actions other than expansion of the collection system. Based on your request for an Alternative Compliance Timeline for Gas Wells S2P01OC6, S2P04OC3 and S2P08OC4, the department is granting an extension of 30 days (75 days from initial exceedance).

If you have any questions on this matter, please contact me at 715-355-9474.

Sincerely,
WEST CENTRAL REGION

Ashley P. Gray
Air Management Engineer

CC: WCR file, Wausau
Marty Herrick, La Crosse (e-copy)
Bureau of Air Management, AM/7
Doug Coenen, ADSSMCL (e-copy)
Tim Curry, ADSSMCL (e-copy)
Dean Martin, ADSSMCL (e-copy)
Randy Frank, ADSSMCL (e-copy)
Frank Perugini, ESC (e-copy)
Tracy Ipavec, ESC (e-copy)

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
101 S. Webster Street
Box 7921
Madison WI 53707-7921

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

FID: 618045450

April 29, 2014

Mark Vinall
Advanced Disposal Services Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire WI 54703-9727

Subject: Gas Extraction Well S2P04OC3

Dear Mr. Vinall:

This letter is in response to your letter, dated April 14, 2014, requesting approval to abandon Gas Extraction Well S2P04OC3 at the Advanced Disposal Services Seven Mile Creek Landfill (ADSSMCL) Sector 2 Phase 4.

You stated S2P04OC3 was previously used for leachate recirculation and for odor control. The area that S2P04OC3 is located has vertical extraction wells and supplemental gas extraction points throughout, which will provide active gas extraction from this area. In January 2014, S2P04OC3 began experiencing elevated oxygen concentrations and ADSSMCL was unable to correct the exceedance within the time frame allotted by permit. On March 7, 2014 the department approved an alternate timeline request to allow an additional 30 days from the date of initial exceedance (75 days total) to remove the ice blockages that ADSSMCL suspected and to achieve compliant readings. ADSSMCL has now determined that S2P04OC3 is watered out and can no longer function as a gas collection point. ADSSMCL has requested approval to abandon the gas well S2P04OC3.

Based on the information provided, the department concurs with your request to abandon gas extraction well S2P04OC3 at ADSSMCL Sector 2 Phase 4.

If you have any questions on this letter or air quality, please contact Ashley Gray at 715-355-9474. If you have any questions on solid waste, please contact Marty Herrick at 608-789-5518.

Sincerely,

Ashley P. Gray
Air Management Engineer

CC: WCR file, Wausau
Marty Herrick, La Crosse (e-copy)
Bureau of Air Management, AM/7

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
5301 Rib Mountain Drive
Wausau, WI 54401

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

FID: 618045450

June 3, 2014

Mark Vinall
Advanced Disposal Services Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire, WI 54703-9727

Subject: Extension Request

Dear Mr. Vinall:

This letter is in response to your letter, dated May 28, 2014, requesting a 45 day extension (August 15, 2014) for gas system improvements due by the end of June 2014 at Advanced Disposal Services Seven Mile Creek Landfill (ADSSMCL).

According to your letter, there were third party consultant design issues as well as cold and wet weather that created a delay in gas system improvements. ADSSMCL has requested until August 15, 2014 to:

- Install additional vertical LFG wells
- Abandon and replace select vertical extraction wells
- Perform liquid dewatering of select vertical extraction wells
- Abandon select vertical and horizontal LFG collectors

Based on the information provided, the air program is granting an extension until August 15, 2014 to complete the gas system improvements.

If you have any questions on this matter, please contact me at 715-355-9474.

Sincerely,
WEST CENTRAL REGION

Ashley P. Gray
Air Management Engineer

CC: WCR file, Wausau
Marty Herrick, La Crosse (e-copy)
Bureau of Air Management, AM/7
Tim Curry, ADSSMCL (e-copy)
Randy Frank, ADSSMCL (e-copy)

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
5301 Rib Mountain Drive
Wausau, WI 54401

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

WISCONSIN DEPT. OF NATURAL RESOURCES

FID: 618045450

June 25, 2014

Mark Vinall
Advanced Disposal Services Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire WI 54703-9727

Subject: Gas Extraction Wells S2P06LC2, S2P07LC1, S2P08LC2, S2P09LC1 and S2P10LC2

Dear Mr. Vinall:

This letter is in response to your email, dated June 19, 2014, requesting approval to abandon Gas Extraction Wells S2P06LC2, S2P07LC1, S2P08LC2, S2P09LC1 and S2P10LC2 at the Advanced Disposal Services Seven Mile Creek Landfill (ADSSMCL). In addition, ADSSMCL has requested to use these locations to discharge the liquid pumped from the vertical gas extraction wells.

You stated that ADSSMCL is currently conducting a gas system improvement project which involves liquid dewatering of select vertical gas wells. ADSSMCL has proposed to pump the liquid from the wells to the leachate collection system by means of a forcemain. The forcemain will be connected to the leachate collection system. Because the leachate cleanout points cannot be under vacuum, ADSSMCL has requested approval to abandon wells S2P06LC2, S2P07LC1, S2P08LC2, S2P09LC1 and S2P10LC2 and connect the forcemain at these locations to provide liquid discharge from the gas extraction wells that require dewatering.

Based on the information provided, the air program concurs with your request to abandon gas extraction wells S2P06LC2, S2P07LC1, S2P08LC2, S2P09LC1 and S2P10LC2.

If you have any questions on this letter or air quality, please contact Ashley Gray at 715-355-9474. If you have any questions on solid waste, please contact Marty Herrick at 608-789-5518.

Sincerely,

Ashley P. Gray
Air Management Engineer

CC: WCR file, Wausau
Marty Herrick, La Crosse (e-copy)
Bureau of Air Management, AM/7

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
5301 Rib Mountain Drive
Wausau, WI 54401

Scott Walker, Governor
Cathy Stepp, Secretary
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TTY Access via relay - 711

WISCONSIN DEPT. OF NATURAL RESOURCES

FID: 618045450

October 10, 2014

Mark Vinall
Advanced Disposal Services Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire WI 54703-9727

Subject: Request for Alternate Operating Standards and Notification of Abandonment

Dear Mr. Vinall:

This letter is in response to your October 6, 2014 letter requesting alternate operating standards for wells SC2GW22A, SC2GW23A, SEC2GW33, WS2GW36A, SEC2GW52, S2P01OC2 and S2P8OC11; and notification of abandonment of gas well SEC2MH19.

Alternate Operating Standards Request for Temperature
ADSSMCL has asked the department to consider an alternate temperature standard using less than 24 months of data for five vertical gas extraction wells. Gas extraction wells SC2GW22A, SC2GW23A, SEC2GW33, WS2GW36A and SEC2GW52 were recently installed in June and July 2014 and all have experienced at least one month temperature reading of greater than 131 °F.

ADSSMCL has provided more data for S2P01OC2 and S2P8OC11 showing that each well has experienced several temperature readings greater than 131 °F in the past year.

According to your letter, methane levels at these wells have typically been in the mid 50 percent range and oxygen levels have remained below 5% while temperatures were greater than 131°F. Field tests were conducted September 23, 2014 and October 2, 2014 for carbon monoxide and there was none detected during the monitoring events. In addition, ADSSMCL has not observed burn odors or other signs of fire or settlement. These data leads ADSSMCL to believe that a sub-surface fire is not present at these locations.

Considering that these wells have experienced temperatures greater than 131°F, the department temporarily approves an alternate operating standard for wells SC2GW22A, SC2GW23A, SEC2GW33, WS2GW36A, SEC2GW52, S2P01OC2 and S2P8OC11 of 148°F if the following monthly documentation of monitoring is provided (mail or email): methane, oxygen, carbon monoxide, temperature, carbon dioxide, the methane to carbon dioxide ratio, balance gas and flow. Monthly results of monitoring should be provided within 1 week of monitoring at the wells. This temporary approval expires one year from the date of this letter, October 10, 2015. At that time ADSSMCL may request a more permanent approval, provided the data supports such a request.

Abandonment of Gas Well SEC2MH19
The air program has noted the abandonment of gas well SEC2MH19 during the week of September 22, 2014.

If you have any questions on this matter, please contact me at 715-355-9474.

Sincerely,

Ashley P. Gray
Air Management Engineer
West Central Region

CC: WCR file, Wausau
Marty Herrick, La Crosse (e-copy)
Martha Makholm, AM/7 (e-copy)
Steve Dunn, AM/7 (e-copy)
Randy Frank, Advanced Disposal Services Seven Mile Creek Landfill, 8001 Olson Drive, Eau Claire, WI 54703-9727 (e-copy)

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
5301 Rib Mountain Drive
Wausau, Wisconsin 54401

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

WISCONSIN DEPT. OF NATURAL RESOURCES

FID: 618045450

December 12, 2014

Mark Vinall
Advanced Disposal Services Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire WI 54703-9727

Subject: Gas Extraction Well S2P02OC2, S2P04OC1, S2P08OC3 and S2P08OC12

Dear Mr. Vinall:

This letter is in response to your email, dated December 10, 2014, requesting approval to abandon Gas Extraction Wells S2P02OC2, S2P04OC1, S2P08OC3 and S2P08OC12 at the Advanced Disposal Services Seven Mile Creek Landfill (ADSSMCL) Sector 2.

You stated that the aforementioned wells have been selected for abandonment because they have been displaying declining gas quality and flow or because the locations are obstructed or watered out.

The gas extraction improvement project of abandonment, replacement and installation of liquid dewatering equipment in Sector 2 has increased gas extraction and wells S2P02OC2, S2P04OC1 and S2P08OC12 are no longer effective as they are competing with the improvements (GW-25A, GW-23A and GW-30, respectively). In addition, ADSSMCL has determined that S2P08OC12 is watered out and attempts to pump down the liquid have been unsuccessful.

You stated that S2P08OC3 has demonstrated a decline in flow and quality. In addition, there is an obstruction that is preventing effective gas extraction.

ADSSMCL has requested approval to abandon the gas wells S2P02OC2, S2P04OC1, S2P08OC3 and S2P08OC12.

Based on the information provided, the air program concurs with your request to abandon gas extraction wells S2P02OC2, S2P04OC1, S2P08OC3 and S2P08OC12 at ADSSMCL Sector 2. ADSSMCL shall provide a record to the department of the dates and method(s) of abandonment for these wells within 30 days of abandonment.

If you have any questions on this letter or air quality, please contact Ashley Gray at 715-355-9474. If you have any questions on solid waste, please contact Marty Herrick at 608-789-5518.

Sincerely,

Ashley P. Gray
Air Management Engineer

CC: WCR file, Wausau
Marty Herrick, La Crosse (e-copy)
Bureau of Air Management, AM/7

Attachment A-3

Wellfield Deviation Summary

Seven Mile Creek Landfill

Wellfield Deviation Summary

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (%	Comments	Duration of Exceedance
S2P04OC1	SEC2P04OC1	12/5/2013 11:31.00		56.8	42.8	0.3	0.1	0.13	23	71	-1.8	-49.93	1	Opened valve 1/2 turn or less,,,,,,,	44 (Documented in the January 2014 Deviation Summary Report)
S2P04OC1	SEC2P04OC1	12/5/2013 11:31.00	ADJ	56.8	42.8	0.3	0.1	0.02	23	71	-3.7	-49.93	10	Opened valve 1/2 turn or less,,,,,,,	
S2P04OC1	SEC2P04OC1	12/17/2013 9:22.00		1.7	3.4	18.7	76.2	0.49	33	135	-13.5	-53.9	---	Closed valve 1/2 turn or less,,,,,,,	
S2P04OC1	SEC2P04OC1	12/17/2013 9:22.00	ADJ	1.7	3.4	18.7	76.2	0.47	33	133	-13.4	-53.9	---	Closed valve 1/2 turn or less,,,,,,,	
S2P04OC1	SEC2P04OC1	12/17/2013 9:24.00		1.2	3.3	18.9	76.6	0.47	32	132	-12.3	-53.94	---	No change,,,,,,,	
S2P04OC1	SEC2P04OC1	12/17/2013 9:24.00	ADJ	1.2	3.3	18.9	76.6	0.48	32	135	-12.2	-53.94	---	No change,,,,,,,	
S2P04OC1	SEC2P04OC1	1/30/2014 9:09		49.3	39.1	2.9	8.7	-0.03	32	---	-6.3	-53.67	---	No change,,,,,,,	
S2P04OC1	SEC2P04OC1	1/30/2014 9:09	ADJ	49.3	39.1	2.9	8.7	-0.04	32	---	-6.2	-53.67	---		
S2P04OC3	SEC2P04OC3	12/5/2013 11:48		52.5	46	0.6	0.9	0.18	109	24	-44	-47.45	100	Opened valve 1/2 turn or less,,,,,,,	89 Days to Decom. Date (Documented in the January 2014 Deviation Summary Report.) (An alternate timeline for compliance was granted by the WDNR on 03/07/14, which allow until 04/15/14 to achieve a compliant reading. The point was determined to be watered out; WDNR granted approval to abandon on 04/29/14.)
S2P04OC3	SEC2P04OC3	12/5/2013 11:48	ADJ	52.5	46	0.6	0.9	-0.7	108	24	-46.2	-47.45	100		
S2P04OC3	SEC2P04OC3	1/30/2014 9:00		0.8	13.9	19.1	66.2	-0.27	30	---	-54.1	-54.15	---	Closed valve 1/2 turn or less,,,,,,,	
S2P04OC3	SEC2P04OC3	1/30/2014 9:00	ADJ	0.8	13.9	19.1	66.2	-0.26	30	---	-54	-54.15	---		
S2P04OC3	SEC2P04OC3	1/30/2014 9:01		0.8	12.8	19.6	66.8	-0.24	30	---	-54	-54.16	---	No change,,,,,,,	
S2P04OC3	SEC2P04OC3	1/30/2014 9:01	ADJ	0.8	12.8	19.6	66.8	-0.22	30	---	-54.1	-54.16	---		
S2P04OC3	SEC2P04OC3	2/10/2014 6:38		0.4	8.3	20.8	70.5	-0.19	10	---	-53.8	-53.59	---	Closed valve 1/2 turn or less,,,,,,,	
S2P04OC3	SEC2P04OC3	2/10/2014 6:38	ADJ	0.4	8.3	20.8	70.5	-0.18	10	---	-53.8	-53.59	---		
S2P04OC3	SEC2P04OC3	2/10/2014 6:41		0.2	4.8	21.5	73.5	-0.16	10	---	-54	-53.69	---	No change,,,,,,,	
S2P04OC3	SEC2P04OC3	2/10/2014 6:41	ADJ	0.2	4.8	21.5	73.5	-0.11	10	---	-54	-53.69	---		
S2P04OC3	SEC2P04OC3	2/13/2014 11:26		1	14.8	18.9	65.3	-0.21	24	---	-53.9	-53.62	---	Closed valve 1/2 turn or less,,,,,,,	
S2P04OC3	SEC2P04OC3	2/13/2014 11:26	ADJ	1	14.8	18.9	65.3	-0.27	24	---	-53.5	-53.62	---		
S2P04OC3	SEC2P04OC3	2/13/2014 11:27		1	13.9	19.5	65.6	-0.33	24	---	-53.5	-54.26	---	No change,,,,,,,	
S2P04OC3	SEC2P04OC3	2/13/2014 11:27	ADJ	1	13.9	19.5	65.6	-0.24	24	---	-54.1	-54.26	---		
S2P04OC3	SEC2P04OC3	3/5/2014 13:22		0.3	1.1	22.3	76.3	-0.15	39	---	-49	-49.11	---	Closed valve 1/2 turn or less,,,,,,,	
S2P04OC3	SEC2P04OC3	3/5/2014 13:22	ADJ	0.3	1.1	22.3	76.3	-0.15	39	---	-49.1	-49.11	---		
S2P04OC3	SEC2P04OC3	3/8/2014 7:31		3.3	9.5	19.9	67.3	-0.12	20	---	-49.1	-49.11	---	No change,,,,,,,	
S2P04OC3	SEC2P04OC3	3/8/2014 7:31	ADJ	3.3	9.5	19.9	67.3	-0.26	70	---	-34	-49.11	---		
S2P04OC3	SEC2P04OC3	3/8/2014 7:34		2.9	9.5	19.9	67.7	-0.1	20	---	-49.2	-49.07	---	Closed valve 1/2 turn or less,,,,,,,	
S2P04OC3	SEC2P04OC3	3/8/2014 7:34	ADJ	2.9	9.5	19.9	67.7	-0.11	20	---	-49.3	-49.07	---		
S2P04OC3	SEC2P04OC3	3/11/2014 14:02		1.3	3.4	21	74.3	0.05	46	13	-53.3	-53.16	---	Closed valve 1/2 turn or less,,,,,,,	
S2P04OC3	SEC2P04OC3	3/11/2014 14:02	ADJ	1.3	3.4	21	74.3	-0.01	47	13	-53.2	-53.16	---		
S2P04OC3	SEC2P04OC3	3/17/2014 12:29		8.4	19.6	16.6	55.4	-0.13	20	---	-54.9	-54.92	5	Closed valve 1/2 turn or less,,,,,,,	
S2P04OC3	SEC2P04OC3	3/17/2014 12:29	ADJ	8.4	19.6	16.6	55.4	-0.13	20	---	-54.8	-54.92	5		
S2P04OC3	SEC2P04OC3	3/17/2014 12:31		8	20	16.1	55.9	-0.14	20	---	-54.9	-54.95	---	No change,,,,,,,	
S2P04OC3	SEC2P04OC3	3/17/2014 12:31	ADJ	8	20	16.1	55.9	-0.14	20	---	-54.9	-54.95	---		
S2P04OC3	SEC2P04OC3	4/1/2014 13:51		0.3	2.1	21.7	75.9	-0.05	51	---	-0.5	-51.22	2	Closed valve 1/2 turn or less,,,,,,,	
S2P04OC3	SEC2P04OC3	4/1/2014 13:51	ADJ	0.3	2.1	21.7	75.9	-0.07	48	---	-0.5	-51.22	1		
S2P04OC3	SEC2P04OC3	4/7/2014 15:04		6.2	27.2	11.4	55.2	0.02	63	8	-47.9	-47.89	---	Closed valve 1/2 turn or less,,,,,,,	
S2P04OC3	SEC2P04OC3	4/7/2014 15:04	ADJ	6.2	27.2	11.4	55.2	0.02	63	8	-47.9	-47.89	---		
S2P08OC4	SEC2P08OC4	4/17/2013 9:27.00		54.1	43.1	0.1	2.7	0	44.8	0	40.7	41.19	---	No vacuum/no flow:	287 (Documented in the January 2014 Deviation Summary Report)
S2P08OC4	SEC2P08OC4	4/17/2013 9:27.00	ADJ	54.1	43.1	0.1	2.7	0	44.8	0	40.7	41.19	---	No vacuum/no flow:	
S2P08OC4	SEC2P08OC4	4/18/2013 7:41.00		53.3	36.4	0.4	9.9	0.46	146.6	47.2	-16.97	-17.05	---	No Change: LEACHATE SURGING IN HOSE:	
S2P08OC4	SEC2P08OC4	4/18/2013 7:41.00	ADJ	53.3	36.4	0.4	9.9	0.46	146.6	47.2	-16.97	-17.05	---	No Change: LEACHATE SURGING IN HOSE:	
S2P08OC4	SEC2P08OC4	5/7/2013 13:44.00		---	---	---	---	0.02	88	10.8	0	0	---	no reading full of leachate:	
S2P08OC4	SEC2P08OC4	5/7/2013 13:44.00	ADJ	---	---	---	---	0.02	88	10.8	0	0	---	no reading full of leachate:	
S2P08OC4	SEC2P08OC4	6/17/2013 13:59.00		---	---	---	---	0.01	89.7	5.9	-0.01	0	---	mo reading full of eachate:	
S2P08OC4	SEC2P08OC4	6/17/2013 13:59.00	ADJ	---	---	---	---	0.01	89.7	5.9	-0.01	0	---	mo reading full of eachate:	
S2P08OC4	SEC2P08OC4	7/8/2013 16:43.00		---	---	---	---	0	91.1	0	0	-0.04	---	full ofleachate:	
S2P08OC4	SEC2P08OC4	7/8/2013 16:43.00	ADJ	---	---	---	---	0	91.1	0	0	-0.04	---	full ofleachate:	
S2P08OC4	SEC2P08OC4	8/14/2013 15:55.00		---	---	---	---	0	108.9	0	0.01	0	---	no reading full ofleachate:	
S2P08OC4	SEC2P08OC4	8/14/2013 15:55.00	ADJ	---	---	---	---	0	108.9	0	0.01	0	---	no reading full ofleachate:	
S2P08OC4	SEC2P08OC4	9/5/2013 10:20.00		46.2	42.6	0.1	11.1	0.13	135	21	-15.5	-47.55	30	Closed valve 1/2 turn or less,,,,,,,	
S2P08OC4	SEC2P08OC4	9/5/2013 10:20.00	ADJ	46.2	42.6	0.1	11.1	0	135	21	-17.5	-47.55	35	Closed valve 1/2 turn or less,,,,,,,	
S2P08OC4	SEC2P08OC4	9/5/2013 10:23.00		46.1	42.8	0.1	11	0.07	135	15	-17.2	-47.38	35	No change,,,,,,,	
S2P08OC4	SEC2P08OC4	9/5/2013 10:23.00	ADJ	46.1	42.8	0.1	11	0.1	135	18	-15.8	-47.38	35	No change,,,,,,,	
S2P08OC4	SEC2P08OC4	9/14/2013 11:46.00		51	39.7	0.6	8.7	0.61	132	47	-31.7	-32.13	35	No change,,,,,,,	
S2P08OC4	SEC2P08OC4	9/14/2013 11:46.00	ADJ	51	39.7	0.6	8.7	0.52	132	43	-32.3	-32.13	35	No change,,,,,,,	
S2P08OC4	SEC2P08OC4	9/14/2013 11:49.00		50.4	41.1	0.3	8.2	0.41	133	38	-32.2	-32.51	35	No change,,,,,,,	
S2P08OC4	SEC2P08OC4	9/14/2013 11:49.00	ADJ	50.4	41.1	0.3	8.2	0.58	133	45	-32.1	-32.51	35	No change,,,,,,,	
S2P08OC4	SEC2P08OC4	10/5/2013 11:29.00		53.1	42.4	0.1	4.4	-0.08	138	---	-39.6	-38.82	35	Closed valve 1/2 turn or less,,,,,,,	
S2P08OC4	SEC2P08OC4	10/5/2013 11:29.00	ADJ	53.1	42.4	0.1	4.4	-1.48	138	---	-38.6	-38.82	30	Closed valve 1/2 turn or less,,,,,,,	
S2P08OC4	SEC2P08OC4	10/5/2013 11:31.00		51.9	43.5	0.1	4.5	0.71	138	50	-37.2	-40.08	30	No change,,,,,,,	
S2P08OC4	SEC2P08OC4	10/5/2013 11:31.00	ADJ	51.9	43.5	0.1	4.5	1.57	138	74	-38.2	-40.08	30	No change,,,,,,,	
S2P08OC4	SEC2P08OC4	10/8/2013 8:55.00		51.9	43.5	0	4.6	-0.02	140	---	-39.6	-40.51	30	No change,,,,,,,	
S2P08OC4	SEC2P08OC4	10/8/2013 8:55.00	ADJ	51.9	43.5	0	4.6	0.04	140	10	-39.6	-40.51	30	No change,,,,,,,	
S2P08OC4	SEC2P08OC4	10/8/2013 8:57.00		51.6	43.4	0.1	4.9	0.18	140	24	-38.8	-35.33	30	Closed valve 1/2 turn or less,,,,,,,	
S2P08OC4	SEC2P08OC4	10/8/2013 8:57.00	ADJ	51.6	43.4	0.1	4.9	-2.3	140	24	-35.8	-35.33	25	Closed valve 1/2 turn or less,,,,,,,	
S2P08OC4	SEC2P08OC4	11/6/2013 10:26.00		58.7	34.8	0.6	5.9	-4.12	140	---	-34.8	-34.9	25	No change,,,,,,,	
S2P08OC4	SEC2P08OC4	11/6/2013 10:26.00	ADJ	58.7	34.8	0.6	5.9	0.54	140	45	-35	-34.9	25	No change,,,,,,,	
S2P08OC4	SEC2P08OC4	11/6/2013 10:28.00		57.9	35.1	0.5	6.5	0.79	140	54	-35.6	-36.17	25	No change,,,,,,,	
S2P08OC4	SEC2P08OC4	11/6/2013 10:28.00	ADJ	57.9	35.1	0.5	6.5	0.88	140	57	-35.7	-36.17	25	No change,,,,,,,	
S2P08OC4	SEC2P08OC4	12/5/2013 14:27.00		60.4	30.5	0.6	8.5	0.06	139	15	-35.1	-33.82	25	No change,,,,,,,	
S2P08OC4	SEC2P08OC4	12/5/2013 14:27.00	ADJ	60.4	30.5	0.6	8.5	-1.45	139	15	-33	-33.82	25	No change,,,,,,,	
S2P08OC4	SEC2P08OC4	12/5/2013 14:37.00		59.9	30.5	1.2	8.4	2.02	139	89	-36.4	-36.84	25	No change,,,,,,,	
S2P08OC4	SEC2P08OC4	12/5/2013 14:37.00	ADJ	59.9	30.5	1.2	8.4	0.86	139	58	-31.7	-36.84	25	No change,,,,,,,	
S2P08OC4	SEC2P08OC4	1/29/2014 11:56		50.7	39.8	0.8	8.7	0.81	130	56	-1.7	-1.06	---	No change,,,,,,,	
S2P08OC4	SEC2P08OC4	1/29/2014 11:56	ADJ	50.7	39.8	0.8	8.7	3.64	130	122	-1.6	-1.06	---		
S2P08OC7	SEC2P08OC7	4/18/2013 8:35.00		60	24.7	2	13.3	0	91.8	3	-1.08	-51.5	---	Opened Valve 1/2 turn or less: IEACHATE SURGING:	267 (Documented in the January 2014 Deviation Summary Report)
S2P08OC7	SEC2P08OC7	4/18/2013 8:35.00	ADJ	60	24.7	2	13.3	0	91.8	0	-2.58	-50.82	---	Opened Valve 1/2 turn or less: IEACHATE SURGING:	
S2P08OC7	SEC2P08OC7	5/7/2013 16:10.00		---	---	---	---	0	87.4	4.2	0	-0.04	---	no reading full of leachate:	
S2P08OC7	SEC2P08OC7	5/7/2013 16:10.00	ADJ	---	---	---	---	0	87.4	4.2	0	-0.04	---	no reading full of leachate:	
S2P08OC7	SEC2P08OC7	6/17/2013 10:43.00		---	---	---	---	0.32	137.6	35.4	-55.78	-54.68	---	full of leachate:	
S2P08OC7	SEC2P08OC7	6/17/2013 10:43.00	ADJ	---	---	---	---	0.32	137.6	35.4	-55.78	-54.68	---	full of leachate:	
S2P08OC7	SEC2P08OC7	7/8/2013 10:53.00		---	---	---	---	0.89	137.3	59.3	-55.39	-56.36	---	full ofleachate:	
S2P08OC7	SEC2P08OC7	7/8/2013 10:53.00	ADJ	---	---	---	---	0.89	137.3	59.3	-55.39	-56.36	---	full ofleachate:	
S2P08OC7	SEC2P08OC7	8/14/2013 11:15.00		---	---	---	---	33.66	137.9	363.2	-55.14	-55.54	0	Valve completely closed: :	
S2P08OC7	SEC2P08OC7	8/14/2013 11:15.00	ADJ	---	---	---	---	33.66	137.9	363.2	-55.14	-55.54	0	Valve completely closed: :	
S2P08OC7	SEC2P08OC7	8/22/2013 16:24.00		56.7	35	1.3	7	-31.73	139	376	-49.3	-52.97	0	No change,,,,,,: :	
S2P08OC7	SEC2P08OC7	8/22/2013 16:24.00	ADJ	56.7	35	1.3	7	-31.73	139	376	-50.6	-52.97	0	No change,,,,,,: :	
S2P08OC7	SEC2P08OC7	8/22/2013 16:26.00		58.9	36	1.4	3.7	-18.3	139	445	-50.8	-52.74	0	No change,,,,,,: :	
S2P08OC7	SEC2P08OC7	8/22/2013 16:26.00	ADJ	58.9	36	1.4	3.7	-18.3	139	445	-51.2	-52.74	0	No change,,,,,,: :	
S2P08OC7	SEC2P08OC7	8/24/2013 14:59.00		58.4	37.2	0.9	3.5	---	135	---	-54.2	-54.26	0	No change,,,,,,: :	
S2P08OC7	SEC2P08OC7	8/24/2013 14:59.00	ADJ	58.4	37.2	0.9	3.5	---	135	---	-54.1	-54.26	---	No change,,,,,,: :	
S2P08OC7	SEC2P08OC7	8/24/2013 15:1.00		54.3	41.1	1	3.6	---	135	---	-54.3	-54.51	---	No change,,,,,,: :	
S2P08OC7	SEC2P08OC7	8/24/2013 15:1.00	ADJ	54.3	41.1	1	3.6	---	135	---	-54.3	-54.51	---	No change,,,,,,: :	
S2P08OC7	SEC2P08OC7	8/26/2013 17:15.00		59.4	33.9	1.6	5.1	-2.23	139	---	-49.9	-51.61	40	Closed valve 1/2 turn or less,,,,,,,	
S2P08OC7	SEC2P08OC7	8/26/2013 17:15.00	ADJ	59.4	33.9	1.6	5.1	-3.33	139	---	-47.9	-51.61	35	Closed valve 1/2 turn or less,,,,,,,	
S2P08OC7	SEC2P08OC7	8/26/2013 17:18.00		63.2	33.2	1.5	2.1	-3.55	139	---	-47.7	-51.65	35	No change,,,,,,,	
S2P08OC7	SEC2P08OC7	8/26/2013 17:18.00	ADJ	63.2	33.2	1.5	2.1	-3.65	139	---	-47.3	-51.65	35	No change,,,,,,,	
S2P08OC7	SEC2P08OC7	8/28/2013 9:44.00		57.2	36.5	1.3	5	-5.24	138	---	-47.3	-53.11	35	Closed valve 1/2 turn or less,,,,,,,	
S2P08OC7	SEC2P08OC7	8/28/2013 9:44.00	ADJ	57.2	36.5	1.3	5	-4.62	138	---	-48.5	-53.11	30	Closed valve 1/2 turn or less,,,,,,,	
S2P08OC7	SEC2P08OC7	8/28/2013 9:47.00		56.5	39.1	1.3	3.1	18.34	138	284	-17.5	-53.33	30	Closed valve 1/2 turn or less,,,,,,,	
S2P08OC7	SEC2P08OC7	8/28/2013 9:47.00	ADJ	56.5	39.1	1.3	3.1	18.1	137	282	-17.9	-53.33	30	Closed valve 1/2 turn or less,,,,,,,	
S2P08OC7	SEC2P08OC7	9/13/2013 15:5.00		56.4	36.8	1.3	5.5	19.26	138	282	-18.9	-50.64	30	No change,,,,,,,	
S2P08OC7	SEC2P08OC7	9/13/2013 15:5.00	ADJ	56.4	36.8	1.3	5.5	19.26	138	282	-51.6	-50.64	30	No change,,,,,,,	
S2P08OC7	SEC2P08OC7	9/13/2013 15:7.00		59.4	36.5	0.8	3.3	24.2	138	321	-13.5	-51.36	30	No change,,,,,,,	
S2P08OC7	SEC2P08OC7	9/13/2013 15:7.00	ADJ	59.4	36.5	0.8	3.3	24.2	138	321	-37.6	-51.36	30	No change,,,,,,,	
S2P08OC7	SEC2P08OC7	10/4/2013 10:10.00		59	40.7	0.1	0.2	29.65	135	344	-33.3	-48.47	30	No change,,,,,,,	
S2P08OC7	SEC2P08OC7	10/4/2013 10:10.00	ADJ	59	40.7	0.1	0.2	-0.02	135	344	-6	-48.47	30	No change,,,,,,,	
S2P08OC7	SEC2P08OC7	10/4/2013 10:17.00		58	41.8	0	0.2	---	135	---	-33.9	-48.11	30	Closed valve 1/2 turn or less,,,,,,,	
S2P08OC7	SEC2P08OC7	10/4/2013 10:17.00	ADJ	58	41.8	0	0.2	-0.04	135	---	-17.2	-48.11	25	Closed valve 1/2 turn or less,,,,,,,	
S2P08OC7	SEC2P08OC7	10/8/2013 9:29.00		56.5	42.7	0.6	0.2	-0.49	135	---	-42.1	-41.86	25	Closed valve 1/2 turn or less,,,,,,,	
S2P08OC7	SEC2P08OC7	10/8/2013 9:29.00	ADJ	56.5	42.7	0.6	0.2	-0.29	135	---	-41.6	-41.86	25	Closed valve 1/2 turn or less,,,,,,,	
S2P08OC7	SEC2P08OC7	10/8/2013 9:32.00		57.1	42.4	0.3	0.2	0.11	135	19	-41.8	-42.12	25	No change,,,,,,,	
S2P08OC7	SEC2P08OC7	10/8/2013 9:32.00	ADJ	57.1	42.4	0.3	0.2	-0.26	135	19	-42	-42.12	25	No change,,,,,,,	
S2P08OC7	SEC2P08OC7	11/5/2013 11:44.00		52.6	39.8	1.9	5.7	2.8	134	104	-17.7	-39.41	25	No change,,,,,,,	
S2P08OC7	SEC2P08OC7	11/5/2013 11:44.00	ADJ	52.6	39.8	1.9	5.7	2.36	135	96	-16.9	-39.41	25	No change,,,,,,,	
S2P08OC7	SEC2P08OC7	11/5/2013 11:48.00		55.2	41.9	0.8	2.1	2.42	134	97	-18.5	-39.52	---	No change,,,,,,,	
S2P08OC7	SEC2P08OC7	11/5/2013 11:48.00	ADJ	55.2	41.9	0.8	2.1	4.76	135	136	-19.7	-39.52	---	No change,,,,,,,	
S2P08OC7	SEC2P08OC7	12/4/2013 12:21.00		67.3	31.9	0.6	0.2	2.84	135	109	-33.7	-46.37	---	No change,,,,,,,	
S2P08OC7	SEC2P08OC7	12/4/2013 12:21.00	ADJ	67.3	31.9	0.6	0.2	2.88	136	109	-34.5	-46.37	---	No change,,,,,,,	
S2P08OC7	SEC2P08OC7	12/4/2013 12:22.00		67.8	31.8	0.2	0.2	2.15	135	94	-34.8	-46.54	0	No change,,,,,,,	
S2P08OC7	SEC2P08OC7	12/4/2013 12:22.00	ADJ	67.8	31.8	0.2	0.2	0.52	135	45	-34.7	-46.54	---	No change,,,,,,,	
S2P08OC7	SEC2P08OC7	1/30/2014 12:30		60.2	39.3	0.4	0.1	5.01	130	137	-52.4	-52.43	---	No change,,,,,,,	
S2P08OC7	SEC2P08OC7	1/30/2014 12:30	ADJ	60.2	39.3	0.4	0.1	5.76	130	147	-52.4	-52.43	---		

Seven Mile Creek Landfill

Wellfield Deviation Summary

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (%	Comments	Duration of Exceedance
SC2GW23A	SC2GW23A	8/13/2014 14:47		52.3	39.2	1.5	7	-0.48	130	---	-1.3	-53.06	---	Closed valve 1/2 turn or less,,,,,,,: :	18 (WDNR granted an temporary alternate operating temperature of up to 148°F for one year beginning on 10/10/14. This approval was issued beyond the 15 days allowed by NSPS and the air permit. This deviation was documented in the September 2014 Deviation Summary Report.)
SC2GW23A	SC2GW23A	8/13/2014 14:47	ADJ	52.3	39.2	1.5	7	-0.51	130	---	-1.2	-53.06	---		
SC2GW23A	SC2GW23A	9/22/2014 12:46		57.5	41.3	1.1	0.1	0.29	143	33	-0.3	-54.63	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,	
SC2GW23A	SC2GW23A	9/22/2014 12:46	ADJ	57.5	41.3	1.1	0.1	0.19	136	27	0	-54.63	---		
SC2GW23A	SC2GW23A	9/22/2014 12:49		56.9	41.4	1.5	0.2	0.36	140	37	-0.1	-54.49	---	No change,Valve barely open,,,,,,	
SC2GW23A	SC2GW23A	9/22/2014 12:49	ADJ	56.9	41.4	1.5	0.2	0.17	142	25	-0.1	-54.49	---		
SC2GW23A	SC2GW23A	10/2/2014 10:45		56.3	42.3	1.3	0.1	0.45	144	42	-0.6	-55.97	---		
SC2GW23A	SC2GW23A	10/2/2014 10:45	ADJ	56.3	42.3	1.3	0.1	0.2	143	27	-0.1	-55.97	---		
SC2GW23A	SC2GW23A	10/10/2014 15:57		56.3	43.6	0	0.1	-0.52	136	---	-0.3	-50.32	---	Closed valve 1/2 turn or less,,,,,,,	
SC2GW23A	SC2GW23A	10/10/2014 15:57	ADJ	56.3	43.6	0	0.1	-0.6	138	---	-0.2	-50.32	---		
SC2GW23A	SC2GW23A	10/10/2014 15:58		56.3	43.5	0	0.2	-0.66	137	---	-0.1	-50.34	---	No change,,,,,,,	
SC2GW23A	SC2GW23A	10/10/2014 15:58	ADJ	56.3	43.5	0	0.2	-0.61	137	---	-0.1	-50.34	---		
SC2GW23A	SC2GW23A	11/25/2014 14:49		56.6	43.3	0	0.1	-1.79	79	---	-0.8	-52.2	---	Opened valve 1/2 turn or less,,,,,,,	
SC2GW23A	SC2GW23A	11/25/2014 14:49	ADJ	56.6	43.3	0	0.1	-1.18	87	---	-1.4	-52.2	---		

- Indicates an exceedance of the operating conditions for oxygen (≥5%), pressure (≥ 0.0 in. H20), or temperature (≥131 deg.F) at locations without alternate operation conditions for temperature.
- Indicates an operating temperature greater than 131 deg.F, but less than or equal to 148 deg. F as allowed by the temporary approval issued by the WDNR on February 20, 2014 or October 10, 2014.
- Indicates an oxygen level greater than 5% that is not an exceedance because of a WDNR approved alternate timeline for compliance.

Attachment A-4

Gas Probe Monitoring Data

Advance Seven Mile Creek Landfill, LLC
Gas Probe Field Measurement Report
Sector 1 Measured Quarterly
Jan, April, July, October

WDNR License # 02821

Sample Collector: **Mike Rohlik**

Date: **1/21/14**

Weather Conditions: **Sunny -8 degrees**

Gas Probe		Parameters				
		46388	00025	46381	85547.0	85550.0
Field Name	DNR ID #	Temperature	Barometric Pressure	Barometric Trend	% Methane	%Oxygen
GP-1	701	-8	30.27	Falling	0.0	18.7
Comments:						
GP-2	705	-8	30.27	Falling	0.0	19.3
Comments:						
GP-3	711	-8	30.27	Falling	0.0	18.3
Comments:						
GP-4	715	-8	30.27	Falling	0.0	19.0
Comments:						

NOTE:
(1) Barometric pressure and tempurature from Eau Claire Weather Data.
(2) Gas readings measured with a Landtec GEM-500 calibrated prior to use.
(3) Barometric trend reading is steady (S), rising (R) or falling (F)

Reviewed By: _____

Advance Seven Mile Creek Landfill, LLC
Gas Probe Field Measurement Report
Sector 2 Measured Quarterly
Jan, April, July, and October

WDNR License # 03097

Sample Collector: Mike Rohlik
Date: 1/21/2014

Weather Conditions:
Sunny -8 degrees

Gas Probe		46388	25	46381	85547.0	85550.0
Field Name	**DNR ID #**	**Temperature**	**Barometric Pressure**	**Barometric Trend**	**% Methane**	**%Oxygen**
GP-1	**500**	-8	30.27	Falling	0.0	16.4
Comments:	1/21/2014					
GP-2R	**503**	-8	30.27	Falling	0.0	17.1
Comments:	1/21/2014					
GP-3R	**505**	-8	30.27	Falling	0.0	18.2
Comments:	1/21/2014					
GP-4	**506**	-8	30.27	Falling	0.0	17.2
Comments:	1/21/2014					
GP-4R	**507**	-8	30.27	Falling	0.0	17.9
Comments:	1/21/2014					
GP-5	**508**					
Comments:	Gas probe appears to have been abandoned but still active on GEMS					
GP-5R	**509**	-8	30.27	Falling	0.0	17.8
Comments:	1/21/2014					
GP-6	**510**	-8	30.27	Falling	0.0	18.7
Comments:	1/21/2014					
GP-7	**512**	-8	30.27	Falling	0.0	20.4
Comments:	1/21/2014					
GP-8	**514**	-8	30.27	Falling	0.0	18.3
Comments:	1/21/2014					
GP-9	**516**	-8	30.27	Falling	0.0	15.8
Comments:	1/21/2014					
GP-12	**522**	-8	30.27	Falling	0.0	18.9
Comments:	1/21/2014					
GP-13	**524**	-8	30.27	Falling	0.0	19.6
Comments:	1/21/2014					
GP-14	**526**	-8	30.27	Falling	0.0	15.6
Comments:	1/21/2014					
GP-15	**528**	-8	30.27	Falling	0.0	17.5
Comments:						

NOTE:
(1) Barometric pressure and tempurature from Eau Claire Weather Data.
(2) Gas readings measured with a Landtec GEM-500 calibrated prior to use.
(3) Barometric trend reading is steady (S), rising (R) or falling (F)

Reviewed By: _____

Seven Mile Creek Landfill

Gas Probe Monitoring Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
Probes														
2GP12522	2GP12522	7/31/2014 14:47		0	1.3	18.3	80.4	---	---	---	---	---	---	,,,,,,,
2GP12522	2GP12522	7/31/2014 14:47	ADJ	0	1.3	18.3	80.4	---	---	---	---	---	---	
2GP12522	2GP12522	10/14/2014 15:07		0	1.1	20.1	78.8	---	---	---	---	---	---	,,,,,,,
2GP12522	2GP12522	10/14/2014 15:07	ADJ	0	1.1	20.1	78.8	---	---	---	---	---	---	
2GP13524	2GP13524	7/31/2014 14:48		0	1.1	18.3	80.6	---	---	---	---	---	---	,,,,,,,
2GP13524	2GP13524	7/31/2014 14:48	ADJ	0	1.1	18.3	80.6	---	---	---	---	---	---	
2GP13524	2GP13524	10/14/2014 15:22		0	0.9	20.1	79	---	---	---	---	---	---	,,,,,,,
2GP13524	2GP13524	10/14/2014 15:22	ADJ	0	0.9	20.1	79	---	---	---	---	---	---	
2GP14526	2GP14526	7/31/2014 14:51		0	7.9	13.6	78.5	---	---	---	---	---	---	,,,,,,,
2GP14526	2GP14526	7/31/2014 14:51	ADJ	0	7.9	13.6	78.5	---	---	---	---	---	---	
2GP14526	2GP14526	10/14/2014 15:17		0	0	21	79	---	---	---	---	---	---	,,,,,,,
2GP14526	2GP14526	10/14/2014 15:17	ADJ	0	0	21	79	---	---	---	---	---	---	
2GP15528	2GP15528	7/31/2014 14:53		0	5.8	14.4	79.8	---	---	---	---	---	---	,,,,,,,
2GP15528	2GP15528	7/31/2014 14:53	ADJ	0	5.8	14.4	79.8	---	---	---	---	---	---	
2GP15528	2GP15528	10/14/2014 15:29		0	7.1	17.4	75.5	---	---	---	---	---	---	,,,,,,,
2GP15528	2GP15528	10/14/2014 15:29	ADJ	0	7.1	17.4	75.5	---	---	---	---	---	---	
S1GP1701	S1GP1701	7/31/2014 14:11		0	2.1	17.8	80.1	---	---	---	---	---	---	,,,,,,,
S1GP1701	S1GP1701	7/31/2014 14:11	ADJ	0	2.1	17.8	80.1	---	---	---	---	---	---	
S1GP1701	S1GP1701	10/14/2014 13:15		0	4.8	20	75.2	---	---	---	---	---	---	,,,,,,,
S1GP1701	S1GP1701	10/14/2014 13:15	ADJ	0	4.8	20	75.2	---	---	---	---	---	---	
S1GP2705	S1GP2705	7/31/2014 14:07		0	0.6	19.1	80.3	---	---	---	---	---	---	,,,,,,,
S1GP2705	S1GP2705	7/31/2014 14:07	ADJ	0	0.6	19.1	80.3	---	---	---	---	---	---	
S1GP2705	S1GP2705	10/14/2014 13:27		0	0.8	20.6	78.6	---	---	---	---	---	---	,,,,,,,
S1GP2705	S1GP2705	10/14/2014 13:27	ADJ	0	0.8	20.6	78.6	---	---	---	---	---	---	
S1GP3711	S1GP3711	7/31/2014 14:03		0	1.2	18.5	80.3	---	---	---	---	---	---	,,,,,,,
S1GP3711	S1GP3711	7/31/2014 14:03	ADJ	0	1.2	18.5	80.3	---	---	---	---	---	---	
S1GP3711	S1GP3711	10/14/2014 13:37		0	2	19.5	78.5	---	---	---	---	---	---	,,,,,,,
S1GP3711	S1GP3711	10/14/2014 13:37	ADJ	0	2	19.5	78.5	---	---	---	---	---	---	
S1GP4715	S1GP4715	7/31/2014 13:59		0	3.9	16.7	79.4	---	---	---	---	---	---	,,,,,,,
S1GP4715	S1GP4715	7/31/2014 13:59	ADJ	0	3.9	16.7	79.4	---	---	---	---	---	---	
S1GP4715	S1GP4715	10/14/2014 13:09		0	5.6	21.1	73.3	---	---	---	---	---	---	,,,,,,,
S1GP4715	S1GP4715	10/14/2014 13:09	ADJ	0	5.6	21.1	73.3	---	---	---	---	---	---	
S2GP1500	S2GP1500	7/31/2014 14:25		0	1.9	18.1	80	---	---	---	---	---	---	,,,,,,,
S2GP1500	S2GP1500	7/31/2014 14:25	ADJ	0	1.9	18.1	80	---	---	---	---	---	---	
S2GP1500	S2GP1500	10/14/2014 14:35		0	2.6	22.9	74.5	---	---	---	---	---	---	,,,,,,,
S2GP1500	S2GP1500	10/14/2014 14:35	ADJ	0	2.6	22.9	74.5	---	---	---	---	---	---	
S2GP2503	S2GP2503	7/31/2014 14:28		0	1.5	18.4	80.1	---	---	---	---	---	---	,,,,,,,
S2GP2503	S2GP2503	7/31/2014 14:28	ADJ	0	1.5	18.4	80.1	---	---	---	---	---	---	
S2GP2503	S2GP2503	10/14/2014 13:53		0	2.1	19.6	78.3	---	---	---	---	---	---	,,,,,,,
S2GP2503	S2GP2503	10/14/2014 13:53	ADJ	0	2.1	19.6	78.3	---	---	---	---	---	---	
S2GP3505	S2GP3505	7/31/2014 14:22		0	1.1	18.6	80.3	---	---	---	---	---	---	,,,,,,,
S2GP3505	S2GP3505	7/31/2014 14:22	ADJ	0	1.1	18.6	80.3	---	---	---	---	---	---	
S2GP3505	S2GP3505	10/14/2014 14:43		0	1.3	19.9	78.8	---	---	---	---	---	---	,,,,,,,
S2GP3505	S2GP3505	10/14/2014 14:43	ADJ	0	1.3	19.9	78.8	---	---	---	---	---	---	
S2GP4507	S2GP4507	7/31/2014 14:35		0	2.8	17.2	80	---	---	---	---	---	---	,,,,,,,
S2GP4507	S2GP4507	7/31/2014 14:35	ADJ	0	2.8	17.2	80	---	---	---	---	---	---	
S2GP4507	S2GP4507	10/14/2014 14:50		0	3.2	22.1	74.7	---	---	---	---	---	---	,,,,,,,
S2GP4507	S2GP4507	10/14/2014 14:50	ADJ	0	3.2	22.1	74.7	---	---	---	---	---	---	
S2GP5509	S2GP5509	7/31/2014 14:38		0	5.1	14.3	80.6	---	---	---	---	---	---	,,,,,,,
S2GP5509	S2GP5509	7/31/2014 14:38	ADJ	0	5.1	14.3	80.6	---	---	---	---	---	---	
S2GP5509	S2GP5509	10/14/2014 14:56		0	0.9	20	79.1	---	---	---	---	---	---	,,,,,,,
S2GP5509	S2GP5509	10/14/2014 14:56	ADJ	0	0.9	20	79.1	---	---	---	---	---	---	
S2GP6510	S2GP6510	7/31/2014 14:16		0	0.1	19.7	80.2	---	---	---	---	---	---	,,,,,,,
S2GP6510	S2GP6510	7/31/2014 14:16	ADJ	0	0.1	19.7	80.2	---	---	---	---	---	---	
S2GP6510	S2GP6510	10/15/2014 7:21		0	0	21	79	---	---	---	---	---	---	,,,,,,,
S2GP6510	S2GP6510	10/15/2014 7:21	ADJ	0	0	21	79	---	---	---	---	---	---	
S2GP7512	S2GP7512	7/31/2014 13:54		0	3.5	15.8	80.7	---	---	---	---	---	---	,,,,,,,
S2GP7512	S2GP7512	7/31/2014 13:54	ADJ	0	3.5	15.8	80.7	---	---	---	---	---	---	
S2GP7512	S2GP7512	10/14/2014 12:58		0	0.1	20.9	79	---	---	---	---	---	---	,,,,,,,
S2GP7512	S2GP7512	10/14/2014 12:58	ADJ	0	0.1	20.9	79	---	---	---	---	---	---	
S2GP8514	S2GP8514	7/31/2014 13:50		0	2.8	17	80.2	---	---	---	---	---	---	,,,,,,,
S2GP8514	S2GP8514	7/31/2014 13:50	ADJ	0	2.8	17	80.2	---	---	---	---	---	---	
S2GP8514	S2GP8514	10/14/2014 14:25		0	5.6	17.8	76.6	---	---	---	---	---	---	,,,,,,,
S2GP8514	S2GP8514	10/14/2014 14:25	ADJ	0	5.6	17.8	76.6	---	---	---	---	---	---	
S2GP9516	S2GP9516	7/31/2014 13:36		0	5	14	81	---	---	---	---	---	---	,,,,,,,
S2GP9516	S2GP9516	7/31/2014 13:36	ADJ	0	5	14	81	---	---	---	---	---	---	
S2GP9516	S2GP9516	10/14/2014 14:18		0	0.1	20	79.9	---	---	---	---	---	---	,,,,,,,
S2GP9516	S2GP9516	10/14/2014 14:18	ADJ	0	0.1	20	79.9	---	---	---	---	---	---	

The following alternate standards have been approved for the following wells:
Oxygen (25%): 2GP12522; 2GP13524; 2GP14526; 2GP15528; S1GP1701; S1GP2705; S1GP3711; S1GP4715; S2GP1500; S2GP2503; S2GP3505; S2GP4507; S2GP5509; S2GP6510; S2GP7512; S2GP8514; S2GP9516

Appendix B

Leachate Monitoring Data

Appendix B

Tables

Table B-1: Leachate Volumes

Table B-2: Leachate Head Well Monitoring Summary – Sector 1

Table B-3: Leachate Head Well Monitoring Summary – Sector 2

Table B-1

Advanced Disposal Services
Seven Mile Creek Landfill
Leachate Volumes

Mon-Yr	Leachate Volume Pumped (gal.)		Leachate Volume Recirculated (gal.)
	Sector 1 (lic. #02821)	Sector 2 (lic.# 03097)	Sector 2 (lic.# 03097)
Jan-14	117,736	573,249	0
Feb-14	98,177	552,034	0
Mar-14	132,386	1,152,007	0
Apr-14	158,384	1,613,381	0
May-14	293,700	1,863,161	0
Jun-14	367,326	1,436,902	0
Jul-14	319,892	920,772	0
Aug-14	276,602	727,362	0
Sep-14	304,182	1,290,484	0
Oct-14	317,396	978,842	0
Nov-14	226,024	832,278	0
Dec-14	272,871	1,017,113	0
2014 Total:	**2,884,676**	**12,957,585**	**0**

Table B-2

Advanced Disposal - SEVEN MILE CREEK GROUNDWATER MONITORING FIELD FORM
Semi Annual Misc. Monitoring Sector 1, License No. 2821 (1 of 1)
MONTH: April 2014

Purging Phase										Sampling Phase										
Well ID DNR #	Date	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth Current (ft.)	Total Depth Original (ft.)	Height of Water Col. (ft.)	Amount Purged (gal.)	Date	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
LE-1 23	4/8	1145								4/8	1145	7.62	6.21 mS	16.9	Lt Brn		Strong	Mod		
LHW-1A 33	4/8		930.24	Dry	0.00	39.81		0.0												
LHW-1B 38	4/8		928.56	36.92	891.64	38.62		1.7												
LHW-2A 36	4/8		932.23	Dry	0.00	43.71		0.0												
LHW-2B 37	4/8		929.16	38.23	890.93	40.10		1.9												
LHW-3A 35	4/8		933	33.81	899.19	36.21		2.4												
LHW-3BR 39	4/8		925.92	NA	0.00	4.55		0.0												
LHW-4A 40	4/8		943.64	51.72	891.92	55.20		3.5												
LHW-4B 42	4/8		937.85	47.31	890.54	49.00		1.7												
LHW-5A 44	4/8		926.05	36.14	889.91	45.81		9.7												
LHW-5B 46	4/8		925.41	Dry	0.00	38.10		0.0												
LHW-6A 48	4/8		916.94	27.34	889.60	33.4		6.1												
LHW-6B 50	4/8		918.53	28.52	890.01	29.7		1.2												

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES:

WEATHER **Wind Speed:** **Direction:** **Temp.:**
Date: **Overview:**
Date Equipment Used: 4/8/2014
pH Meter: Hanna **pH 7.0:** 7.00 **pH 4.0:** 4.00 **Slope:** --
Spec. Cond. Meter: Hanna **Standard:** **Reading:**
Temperature:

Facility Name: **Advanced Disposal - SEVEN MILE CREEK LANDFILL**
Facility Address: 8001 Olson Drive; Eau Claire, WI 54702
SEH Personnel:

Client: **Advanced Disposal SERVICES INC.** **Page:** **1** **of** **8**
Project:
Prepared by: MFR **Date:** 4/14/2013
Checked by: MFR **Date:**

DARK SHADED AREAS IDENTIFY INFORMATION THAT DOES NOT NEED TO BE COLLECTED
LIGHTLY SHADED AREAS INDICATE DATA TO BE INCLUDED ON ANALYTICAL REPORT AND CORRESPONDING DATA FILE.

Table B-3

Seven Mile Creek Landfil - Sector 2
2014 Leachate Headwell Construction and Depth Summary

Well ID	DNR#	Recorded Elevation of Vertical Well Bottom (ft. MSL)	Vertical Well Top of Casing Elevation (ft. MSL)	Vertical Well Depth (ft.)	Liner Elevation At Vertical Well	Recorded Elevation of As-built Head Well Inlet (ft. MSL)	Recorded Top of Horizontal Well Casing (ft. MSL)	Recorded Length to Head Well Inlet Elevation (ft.)	Recorded As-built Top of Casing at Toe of Side Slope (ft. MSL)	Recorded Well Length Measured Down the Side Slope (ft.)	Horizontal Well Side Slope (X:1)	Transducer Present (Y/N)
VLHW-1A	440	902.37	957.59	55.22	899.75	--	--	--	--	--	--	N
VLHW-2A	444	902.01	957.07	55.06	899.76	--	--	--	--	--	--	N
VLHW-3A	448	902.10	959.43	57.33	900.75	--	--	--	--	--	--	N
LHW-4A	450	--	--	--	--	889.65	914.69	79.2	889.65	79.18	3	N
LHW-4B	452	--	--	--	--	897.53	914.43	53.5	889.75	78.05	3	N
LWH-5B	456	--	--	--	--	895.88	921.18	104.3	887.64	138.29	4	N
LHW-6B	460	--	--	--	--	893.07	921.77	118.3	884.30	154.49	4	N
LHW-7B	464	--	--	--	--	888.59	923.68	144.7	883.80	164.43	4	N
LHW-8	466	--	--	--	--	901.10	920.82	62.4	901.10	62.36	3	N
LHW-9	468	--	--	--	--	906.67	925.25	58.8	906.70	58.66	3	N
HW-10A	470	--	--	--	--	911.76	928.94	54.4	911.89	53.92	3	N
HW-10B	472	--	--	--	--	916.52	931.10	46.2	914.53	52.40	3	N
LHW-11	474	--	--	--	--	892.50	924.44	101.1	892.70	100.37	3	N
LHW-12	476	--	--	--	--	895.61	932.89	117.9	895.65	117.76	3	N

Well ID	1/21/2014 Depth to Liquid (ft.)	1/21/2014 Feet of Head on Liner	2/20/2014 Depth to Liquid (ft.)	2/20/2014 Feet of Head on Liner	3/18/2014 Depth to Liquid (ft.)	3/18/2014 Feet of Head on Liner	4/11/2014 Depth to Liquid (ft.)	4/11/2014 Feet of Head on Liner	5/29/2014 Depth to Liquid (ft.)	5/29/2014 Feet of Head on Liner	6/24/2014 Depth to Liquid (ft.)	6/24/2014 Feet of Head on Liner	7/24/2014 Depth to Liquid (ft.)	7/24/2014 Feet of Head on Liner	8/22/2014 Depth to Liquid (ft.)	8/22/2014 Feet of Head on Liner	9/25/2014 Depth to Liquid (ft.)	9/25/2014 Feet of Head on Liner	10/17/2014 Depth to Liquid (ft.)	10/17/2014 Feet of Head on Liner	10/27/2014 [1] Depth to Liquid (ft.)	10/27/2014 [1] Feet of Head on Liner	11/25/2014 Depth to Liquid (ft.)	11/25/2014 Feet of Head on Liner	12/18/14 [2] Depth to Liquid (ft.)	12/18/14 [2] Feet of Head on Liner
VLHW-1A	48.37	9.47	48.39	9.45	48.31	9.53	49.41	8.43	49.64	8.20	49.72	8.12	49.89	7.95	50.20	7.64	50.20	7.64	50.24	7.60	--	--	50.26	7.58	50.24	7.60
VLHW-2A	53.64	3.67	53.67	3.64	53.52	3.79	51.61	5.70	50.78	6.53	50.81	6.50	51.10	6.21	52.05	5.26	52.06	5.25	52.16	5.15	--	--	52.01	5.30	52.04	5.27
VLHW-3A	52.00	6.68	52.00	6.68	52.00	6.68	52.00	6.68	52.00	6.68	52.00	6.68	52.00	6.68	52.00	6.68	DRY	0.00	DRY	0.00	--	--	DRY	0.00	DRY	0.00
LHW-4A	77.54	0.53	77.54	0.53	77.54	0.53	77.54	0.53	77.54	0.53	77.54	0.53	77.54	0.53	77.54	0.53	79.18	0.01	DRY	0.00	--	--	DRY	0.00	--	--
LHW-4B	70.94	0.00	71.54	0.00	71.74	0.00	68.54	0.00	68.54	0.00	68.74	0.00	69.54	0.00	69.94	0.00	69.54	0.00	70.14	0.00	--	--	67.20	0.00	--	--
LWH-5B	132.54	0.00	132.54	0.00	132.54	0.00	132.54	0.00	132.54	0.00	132.54	0.00	132.54	0.00	132.54	0.00	133.54	0.00	132.54	0.00	132.94	0.00	--	--	--	--
LHW-6B	141.14	0.00	142.14	0.00	138.94	0.00	136.34	0.00	136.54	0.00	138.34	0.00	138.54	0.00	136.34	0.00	136.54	0.00	136.54	0.00	136.54	0.00	--	--	--	--
LHW-7B	144.54	0.02	143.54	0.27	143.54	0.27	141.74	0.70	143.54	0.27	144.34	0.07	144.34	0.07	143.54	0.27	143.54	0.27	142.34	0.56	142.54	0.51	--	--	--	--
LHW-8	67.89	0.00	67.89	0.00	67.89	0.00	67.89	0.00	64.54	0.00	67.89	0.00	67.89	0.00	67.89	0.00	62.36	0.01	DRY	0.00	--	--	DRY	0.00	DRY	0.00
LHW-9	69.04	0.00	69.04	0.00	69.04	0.00	69.04	0.00	66.04	0.00	69.04	0.00	69.04	0.00	69.04	0.00	58.66	0.03	DRY	0.00	--	--	DRY	0.00	DRY	0.00
HW-10A	59.89	0.00	59.89	0.00	59.89	0.00	55.54	0.00	55.54	0.00	59.89	0.00	59.89	0.00	59.89	0.00	53.92	0.13	DRY	0.00	--	--	DRY	0.00	DRY	0.00
HW-10B	53.59	0.00	53.59	0.00	53.59	0.00	49.54	0.00	50.54	0.00	53.59	0.00	53.59	0.00	53.59	0.00	52.40	0.00	DRY	0.00	--	--	DRY	0.00	DRY	0.00
LHW-11	110.08	0.00	110.08	0.00	110.08	0.00	110.08	0.00	95.54	1.74	99.55	0.47	99.55	0.47	99.55	0.47	100.37	0.21	93.00	2.54	--	--	--	--	--	--
LHW-12	--	--	--	--	--	--	123.08	0.00	123.94	0.00	127.34	0.00	127.34	0.00	127.34	0.00	117.76	0.05	DRY	0.00	--	--	DRY	0.00	--	--

Well ID	DNR#	Recorded Elevation of Vertical Well Bottom (ft. MSL)	Vertical Well Top of Casing Elevation (ft. MSL)	Vertical Well Depth (ft.)	Liner Elevation At Vertical Well	Recorded Elevation of As-built Head Well Inlet (ft. MSL)	Recorded Top of Horizontal Well Casing (ft. MSL)	Recorded Length to Head Well Inlet Elevation (ft.)	Recorded As-built Top of Casing at Toe of Side Slope (ft. MSL)	Recorded Well Length Measured Down the Side Slope (ft.)	Horizontal Well Side Slope (X:1)	Transducer Present (Y/N)
LHW-5A	454	--	--	--	--	887.33	921.27	139.90	887.34	139.90	4	Y
LHW-6A	458	--	--	--	--	884.26	921.44	153.30	884.29	153.17	4	Y
LHW-7A	462	--	--	--	--	882.14	923.29	169.70	882.17	169.54	4	Y

Well ID	1/21/2014 Transducer Reading (in.)	1/21/2014 Feet of Head on Liner	2/20/2014 Transducer Reading (in.)	2/20/2014 Feet of Head on Liner	3/18/2014 Transducer Reading (in.)	3/18/2014 Feet of Head on Liner	4/11/2014 Transducer Reading (in.)	4/11/2014 Feet of Head on Liner	5/29/2014 Transducer Reading (in.)	5/29/2014 Feet of Head on Liner	6/24/2014 Transducer Reading (in.)	6/24/2014 Feet of Head on Liner	7/24/2014 Transducer Reading (in.)	7/24/2014 Feet of Head on Liner	8/22/2014 Transducer Reading (in.)	8/22/2014 Feet of Head on Liner	9/25/2014 Transducer Reading (in.)	9/25/2014 Feet of Head on Liner	10/17/2014 Transducer Reading (in.)	10/17/2014 Feet of Head on Liner	10/27/2014 [1] Transducer Reading (in.)	10/27/2014 [1] Feet of Head on Liner	11/25/2014 Transducer Reading (in.)	11/25/2014 Feet of Head on Liner	12/18/2014 [2] Transducer Reading (in.)	12/18/2014 [2] Feet of Head on Liner
LHW-5A	42.80	3.57	34.60	2.88	34.60	2.88	34.60	2.88	34.60	2.88	34.60	2.88	18.20	1.52	34.60	2.88	34.60	2.88	34.60	2.88	--	--	34.60	2.88	--	--
LHW-6A	14.90	1.24	15.90	1.33	14.60	1.22	13.60	1.13	14.90	1.24	34.60	2.88	32.40	2.70	34.60	2.88	34.60	2.88	34.60	2.88	--	--	34.60	2.88	--	--
LHW-7A	34.60	2.88	42.80	3.57	42.80	3.57	43.10	3.59	42.80	3.57	43.10	3.59	44.30	3.69	44.70	3.73	48.60	4.05	51.70	4.31	--	--	60.00	5.00	--	--

Well ID	DNR#	Recorded Elevation of Vertical Well Bottom (ft. MSL)	Vertical Well Top of Casing Elevation (ft. MSL)	Vertical Well Depth (ft.)	Liner Elevation At Vertical Well	Recorded Elevation of As-built Head Well Inlet (ft. MSL)	Recorded Top of Horizontal Well Casing (ft. MSL)	Recorded Length to Head Well Inlet Elevation (ft.)	Recorded As-built Top of Casing at Toe of Side Slope (ft. MSL)	Recorded Well Length Measured Down the Side Slope (ft.)	Horizontal Well Side Slope (X:1)	Bubbler Present [1] (Y/N)
LHW-4A	450	--	--	--	--	889.65	914.69	79.2	889.65	79.18	3	Y
LHW-4B	452	--	--	--	--	897.53	914.43	53.5	889.75	78.05	3	Y
LHW-5A	454	--	--	--	--	887.33	921.27	139.90	887.34	139.90	4	Y
LWH-5B	456	--	--	--	--	895.88	921.18	104.3	887.64	138.29	4	Y
LHW-6A	458	--	--	--	--	884.26	921.44	153.30	884.29	153.17	4	Y
LHW-6B	460	--	--	--	--	893.07	921.77	118.3	884.30	154.49	4	Y
LHW-7A	462	--	--	--	--	882.14	923.29	169.70	882.17	169.54	4	Y
LHW-7B	464	--	--	--	--	888.59	923.68	144.7	883.80	164.43	4	Y
LHW-11	474	--	--	--	--	892.50	924.44	101.1	892.70	100.37	3	Y
LHW-12	476	--	--	--	--	895.61	932.89	117.9	895.65	117.76	3	Y

Well ID	1/21/2014 Bubbler Reading (in.)	1/21/2014 Feet of Head on Liner [3]	2/20/2014 Bubbler Reading (in.)	2/20/2014 Feet of Head on Liner [3]	3/18/2014 Bubbler Reading (in.)	3/18/2014 Feet of Head on Liner [3]	4/11/2014 Bubbler Reading (in.)	4/11/2014 Feet of Head on Liner [3]	5/29/2014 Bubbler Reading (in.)	5/29/2014 Feet of Head on Liner [3]	6/24/2014 Bubbler Reading (in.)	6/24/2014 Feet of Head on Liner [3]	7/24/2014 Bubbler Reading (in.)	7/24/2014 Feet of Head on Liner [3]	8/22/2014 Bubbler Reading (in.)	8/22/2014 Feet of Head on Liner [3]	9/25/2014 Bubbler Reading (in.)	9/25/2014 Feet of Head on Liner [3]	10/17/2014 Bubbler Reading (in.)	10/17/2014 Feet of Head on Liner [3]	10/27/2014 [1] Bubbler Reading (in.)	10/27/2014 [1] Feet of Head on Liner [3]	11/25/2014 Bubbler Reading (in.)	11/25/2014 Feet of Head on Liner [3]	12/22/2014 [2] Bubbler Reading (in.)	12/22/2014 [2] Feet of Head on Liner [3]
LHW-4A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0	0.00
LHW-4B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0	0.00
LHW-5A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0	0.00
LWH-5B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.5	0.5	3.4	0.3	6.4	0.53
LHW-6A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0	0.00
LHW-6B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0	0.0	0.0	0.0	0.0	0.00
LHW-7A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.2	0.10
LHW-7B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0	0.0	0.0	0.0	4.4	0.37
LHW-11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0	0.0	4.1	0.3	0.0	0.00
LHW-12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0	0.00

Note: -All construction information and leachate head calculations were provided by Cornerstone Environmental Group personnel on 9/22/2014.
-Depth to liquid measurements obtained from 2014 monthly SEH field forms.
1. Bubbler installation started in October 2014. By December 2014 bubblers were installed in LHW-4A, LHW-4B, LHW-5A, LHW-5B, LHW-6A, LHW-6B, LHW-7A, LHW-7B, LHW-11, & LHW-12.
10/27/14 measurements collected side by side with the bubbler system and popper and only includes select leachate head wells measured for the evaluation.
2. Wells with bubblers installed were monitored on 12/22/14. Wells without bubblers installed were monitored on 12/18/14.
3. Bubbler zero point set at the leachate head well inlet.

Attachment B-1

Leachate Analytical Data Summaries – Sector 1 and Sector 2

Environmental Sampling Corporation
ADVANCED DISPOSAL SERVICES SEVEN MILE CREEK LANDFILL

Sector 1 Leachate Analytical Data Summary

Leachate Tank 1	PARAMETERS															
	Inorganic/Metals															
	Alkalinity	Ammonia Nitrogen	TKN	Nitrate Nitrogen	Iron	Sodium	Cadmium	Lead	Manganese	Mercury	Chloride	Hardness	BOD	Chromium	COD	Copper
DATE	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	ug/L	mg/L	ug/L
01/31/13	4,710	499	--	--	--	--	<0.39	3.6 J	--	<0.10	--	1,270	<75.0	27.9	968	4.8 J
02/26/13	--	511	--	--	--	--	11.4	361	--	0.62	--	--	102	147.0	1,390	433
04/23/13	2,680	293	321	NA	10.5	648	<0.48	<2.7	443	<0.10	737	858	37.4	16.7	575	4.8 J
07/23/13	3,430	397	--	--	--	--	6.7	144	--	0.46	--	1,570	77.2	86.2	1,320	174
08/27/13	--	315	--	--	--	--	0.94 J	7.5 J	--	<0.10	--	--	46.9	23.4	788	14.1
09/24/13	--	444	--	--	--	--	0.62 J	3.8 J	--	<0.10	--	--	56.9	25.6	931	5.2 J
10/22/13	4,420	560	485	--	62.1	1,120	1.1 J	35.3	851	<0.10	1,190	1,370	88.7	48.6	1,030	50.9
12/03/13	--	461	--	--	--	--	1.6 J	52.7	--	0.11 J	--	--	59.2	42.3	848	70.7
12/19/13	--	492	--	--	--	--	<0.48	<2.7	--	<0.10	--	--	62.8	26.1	1,250	4.6 J
01/22/14	4,370	488	--	--	--	--	1.7 J	41.0	--	0.11 J	--	1,370	76.2	44.9	1,080	43.8
02/25/14	--	7.7	--	--	--	--	<0.48	<2.7	--	<0.10	--	--	65.3	29.0	911	4.0 J
03/18/14	--	<15.0	--	--	--	--	<0.48	<2.7	--	<0.10	--	--	65.6	28.4	736	4.0 J
04/08/14	3,220	381	370	--	10.7	823	<1.0	<1.6	407	<0.10	878	977	54.2	20.0	662	5.1 J
05/29/14	--	279	--	--	--	--	<1.0	2.0 J	--	<0.10	--	--	44.4	15.4	585	5.0 J
06/24/14	--	448	--	--	--	--	1.2 J	77.4	--	<0.10	--	--	<200	60.7	904	83.2
07/24/14	3,570	406	--	--	--	--	2.7 J	125	--	0.19 J	--	2,330	167	73.6	1,200	160
08/21/14	--	401	--	--	--	--	<1.0	20.0	--	<0.10	--	--	112	37.9	798	26
09/25/14	--	222	--	--	--	--	<1.0	<1.6	--	<0.10	--	--	66.4	19.4	584	<3.4
10/14/14	--	274	--	--	--	--	<1.0	3.3 J	--	<0.10	--	--	48.6	16.6	651	<3.4
11/25/14	--	320	--	<3.0	--	--	<1.0	2.8 J	--	<0.10	--	--	59.8	24.9	716	5.2 J
12/18/14	--	234	--	--	--	--	<1.0	5.0 J	--	<0.10	--	--	61.8	25.2	735	7.2 J

Table notes are provided on the last page of the summary.

Environmental Sampling Corporation
ADVANCED DISPOSAL SERVICES SEVEN MILE CREEK LANDFILL

Sector 1 Leachate Analytical Data Summary

Leachate Tank 1	PARAMETERS									
	Inorganic/Metals						Physical Parameters			
	Nickel	Phosphorus *	Silver	Zinc	Cyanide	Oil & Grease	pH (lab) *	pH (field)	Conductivity	Temp.
DATE	ug/L	mg/L	ug/L	ug/L	mg/L	mg/L	s.u.	s.u.	umhos @ 25C	deg. C
01/31/13	118	1.8	<2.3	41.0	<0.026	3.4 J	7.8	7.48	16,450	3.9
02/26/13	266	27.6	<3.4	6,630	0.043 J	27.2	8.0	7.74	>3,999	16.2
04/23/13	73.4	0.79	<1.7	56.9	<0.023	2.2 J	7.8	7.76	7,390	8.9
07/23/13	161	118	2.1 J	3,880	<0.023	69.7	7.8	7.67	9,450	16.0
08/27/13	93.1	2.4	<1.7	536	0.026 J	3.2 J	7.3	7.38	10,250	20.1
09/24/13	103	2.5	<1.7	67.8	0.053 J	3.5 J	7.4	7.10	10,360	15.6
10/22/13	143	7.2	<3.4	661	<0.023	27.1	7.9	7.68	10,270	10.3
12/03/13	127	5.9	<1.7	831	<0.023	10.0	7.5	7.54	9,620	9.8
12/19/13	122	2.3	<1.7	39.1 J	<0.023	4.0 J	7.3	8.19	>20,000	7.6
01/22/14	142	6.6	<1.7	735	<0.023	11.9	7.4	7.78	16,450	3.9
02/25/14	129	2.4	<1.7	36.8 J	0.19	5.0 J	7.4	7.42	16,450	4.2
03/18/14	130	1.7	<1.7	44.0	0.024 J	4.0 J	7.7	7.92	10,970	12.7
04/08/14	92.5	1.5	<3.2	56.2	<0.060	3.3 J	7.4	7.62	6,210	16.9
05/29/14	66.8	1.5	<3.2	23.2 J	<0.030	2.3 J	7.2	7.29	7,980	17.1
06/24/14	132	6.8	<3.2	1,210	<0.060	18.4	7.7	7.95	9,600	17.6
07/24/14	134	22.9	<3.2	2,150	<0.060	69.3	7.7	7.81	9,410	18.2
08/21/14	112	4.9	<3.2	716	<0.030	14.7	7.6	7.07	9,980	15.7
09/25/14	76.1	1.7	<3.2	20.9 J	0.023	10.4	7.4	7.09	9,740	17.1
10/14/14	69.2	--	<3.2	29.2 J	<0.060	3.4 J	--	6.92	7,490	14.3
11/25/14	93.6	--	<3.2	41.7	<0.12	2.0 J	--	7.14	9,620	16.2
12/18/14	91.3	--	<3.2	65.1	<0.020	2.4 J	--	8.38	8,640	9.4

Table notes are provided on the last page of the summary.

Environmental Sampling Corporation
ADVANCED DISPOSAL SERVICES SEVEN MILE CREEK LANDFILL

Sector 1 Leachate Analytical Data Summary

Leachate Tank 1	PARAMETERS												
	Volatile Organic Compounds (VOCs)									PCBs	SVOCs		
	1,4-Dichloro-benzene	Acetone	Chloro-benzene	Ethyl-benzene	MEK (2-Butanone)	Napthalene	Tetra-hydro-furan	m&p-Xylene	o-Xylene	Total PCBs	Diethyl phthalate	Naphthalene	N-Nitroso-diphenylamine
DATE	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
01/31/13	<9.5	<49.9	<4.1	<5.4	<43.0	<8.9	447	<18.0	<8.3	--	--	--	--
02/26/13	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/13	<9.5	66.0 J	<4.1	<5.4	<43.0	<8.9	287	<18.0	<8.3	<0.30	<13.5	<7.0	<24.5
07/23/13	<4.3	109 J	<3.6	6.5 J	27.7 J	<25.0	415	10.4 J	5.9 J	--	--	--	--
08/27/13	--	--	--	--	--	--	--	--	--	--	--	--	--
09/24/13	--	--	--	--	--	--	--	--	--	--	--	--	--
10/22/13	2.3 J	52.1	1.2 J	2.0 J	14.2 J	7.6 J	376	8.7	3.3	<2.5	<13.5	<7.0	<24.5
12/03/13	--	--	--	--	--	--	--	--	--	--	--	--	--
12/19/13	--	--	--	--	--	--	--	--	--	--	--	--	--
01/22/14	5.6 J	73.4 J	3.6 J	11.7	69.6 J	<25.0	519	21.0	9.0 J	--	--	--	--
02/25/14	--	--	--	--	--	--	--	--	--	--	--	--	--
03/18/14	--	--	--	--	--	--	--	--	--	--	--	--	--
04/08/14	<2.5	63.3 J	<2.5	5.6	48.1 J	<12.5	385	13.1	6.7	<0.24	5.5 J	<15.0	<21.8
05/29/14	--	--	--	--	--	--	--	--	--	--	--	--	--
06/24/14	--	--	--	--	--	--	--	--	--	--	--	--	--
07/24/14	<5.0	59.1 J	<5.0	<5.0	<29.8	<25.0	315	<10.0	<5.0	--	--	--	--
08/21/14	--	--	--	--	--	--	--	--	--	--	--	--	--
09/25/14	--	--	--	--	--	--	--	--	--	--	--	--	--
10/14/14	--	--	--	--	--	--	--	--	--	--	--	--	--
11/25/14	--	--	--	--	--	--	--	--	--	--	--	--	--
12/18/14	--	--	--	--	--	--	--	--	--	--	--	--	--

Table notes are provided on the last page of the summary.

Environmental Sampling Corporation
ADVANCED DISPOSAL SERVICES SEVEN MILE CREEK LANDFILL

Sector 1 Leachate Analytical Data Summary

Leachate Tank 1	PARAMETERS									
	Volatile Fatty Acids (VFAs)									
	Lactic Acid	Acetic Acid	Propionic Acid	Formic Acid	Butyric Acid	Pyruvic Acid	i-Pentanoic Acid	Pentanoic Acid	i-Hexanoic Acid	Hexanoic Acid
DATE	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
01/31/13	0.79 J	0.44 J	0.30 J	<0.10	0.36 J	<0.040	<0.12	<0.10	<0.13	<0.39
02/26/13	--	--	--	--	--	--	--	--	--	--
04/23/13	--	--	--	--	--	--	--	--	--	--
07/23/13	<0.13	5.8	1.4	0.68 J	1.2	0.83 J	0.52 J	0.30 J	<0.29	<2.2
08/27/13	--	--	--	--	--	--	--	--	--	--
09/24/13	--	--	--	--	--	--	--	--	--	--
10/22/13	6.8 J	2.6 J	2.0 J	6.2 J	4.2 J	<1.4	<0.90	<1.1	<2.9	<22
12/03/13	--	--	--	--	--	--	--	--	--	--
12/19/13	--	--	--	--	--	--	--	--	--	--
01/22/14	5.6 J	6.1 J	4.4 J	6.3 J	3.9 J	5.5 J	6.8 J	2.7 J	<2.9	<22
02/25/14	--	--	--	--	--	--	--	--	--	--
03/18/14	--	--	--	--	--	--	--	--	--	--
04/08/14	--	--	--	--	--	--	--	--	--	--
05/29/14	--	--	--	--	--	--	--	--	--	--
06/24/14	--	--	--	--	--	--	--	--	--	--
07/24/14	2.7 J	3.9 J	3.9 J	3.7 J	<0.70	<0.90	<0.80	<1.4	<10	<12
08/21/14	--	--	--	--	--	--	--	--	--	--
09/25/14	--	--	--	--	--	--	--	--	--	--
10/14/14	--	--	--	--	--	--	--	--	--	--
11/25/14	--	--	--	--	--	--	--	--	--	--
12/18/14	--	--	--	--	--	--	--	--	--	--

Notes:
mg/L = milligrams per liter
ug/L = micrograms per liter
s.u. = standard units
J = result value was between the laboratory limit of detection and limit of quantitation.
< = The analyte was not detected at a concentration at or above the method detection limit (i.e. < MDL)
-- = Analysis was not required.

NA = Not analzyed. Due to an error in the April 2013 request for analysis, the annual nitrate nitrogen analysis was not conducted on the leachate sample collected from Sector 1. This error was recognized in 2014, after the completion of the 2013 sampling events.

In accordance with the December 18, 2007 Plan Modification Approval, annual monitoring is required at the leachate tank in April. Additional monitoring was conducted in accordance with the wastewater treatment plant monitoring requirements.

B = Analyte was detected in the Trip Blank

Environmental Sampling Corporation
ADVANCED DISPOSAL SERVICES SEVEN MILE CREEK LANDFILL

Sector 2 Leachate Analytical Data Summary

Leachate Tank 2	PARAMETERS													
	Inorganic/Metals													
	Alkalinity	Ammonia Nitrogen	TKN	Iron	Sodium	Cadmium	Lead	Manganese	Mercury	Chloride	Hardness	BOD	Chromium	COD
DATE	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	ug/L	mg/L
01/31/13	16,400	1,250	--	--	--	1.3 J	21.1	--	0.15 J	--	919	2,810	494	7,820
02/26/13	--	1,040	--	--	--	1.7 J	26.3	--	0.12 J	--	--	1,710	606	6,100
03/18/13	--	1,180	--	--	--	1.4 J	20.9	--	<0.10	--	--	1,490	489	4,690
04/23/13	2,720	445	530	39.2	1,100	1.0 J	10.0	2,860	0.24	1,110	1,040	2,700	120	4,420
05/30/13	-	484	--	--	--	1.8 J	24.3	--	0.12 J	--	--	2,050	244	4,240
06/27/13	--	529	--	--	--	1.2 J	24.9	--	0.23	--	--	761	177	2,330
07/23/13	7,790	1,150	--	--	--	4.2 J	83.2	--	0.85	--	1,600	4,360	523	7,960
08/22/13	--	1,530	--	--	--	2.0 J	42.5	--	<0.10	--	--	4,220	609	8,500
09/24/13	--	1,320	--	--	--	<2.4	25.2 J	--	<0.10	--	--	4,560	569	4,560
10/22/13	17,000	1,310	1,370	35.7	3,690	2.0 J	36.3	2,710	<0.10	4,190	1,440	4,980	565	9,290
12/03/13	--	1,380	--	--	--	0.90 J	26.40	--	0.14 J	--	--	3,350	552	7,370
12/19/13	--	1,180	--	--	--	1.6 J	27.8	--	0.24	--	--	2,930	584	7,480
01/21/14	9,080	1,550	--	--	--	1.0 J	17.5	--	0.15 J	--	941	2,380	569	6,800
02/25/14	--	1,390	--	--	--	1.4 J	29.9	--	<0.10	--	--	1,790	588	5,890
03/18/14	--	572	--	--	--	<0.48	11.4	--	<0.10	--	--	1,220	221	2,430
04/08/14	3,980	492	626	8.57	1,600	1.6 J	7.1 J	1,830	0.14 J	1,600	602	936	185	2,560
05/29/14	--	862	--	--	--	1.5 J	23.3	--	<0.10	--	--	1,490	330	4,070
06/24/14	--	657	--	--	--	<1.0	28.5	--	<0.10	--	--	3,540	418	5,790
07/24/14	7,690	1,050	--	--	--	<1.0	31.6	--	0.11 J	--	944	1,040	466	3,700
08/21/14	--	1,350	--	--	--	<1.0	21.0	--	<0.10	--	--	1,800	469	6,070
09/25/14	--	830	--	--	--	1.5 J	16.7	--	<0.10	--	--	3,350	421	5,610
10/14/14	6,360	605	1,130	42.5	2,600	<1.0	23.4	3,950	<0.10	2,460	1,120	2,680	401	5,470
11/25/14	--	604	--	--	--	<1.0	18.2	--	<0.10	--	--	2,120	329	4,540
12/18/14	--	571	--	--	--	1.7 J	26.5	--	<0.10	--	--	1,230	380	3,520

Table notes are provided on the last page of the data summary.

Environmental Sampling Corporation
ADVANCED DISPOSAL SERVICES SEVEN MILE CREEK LANDFILL

Sector 2 Leachate Analytical Data Summary

Leachate Tank 2	PARAMETERS										
	Inorganics/Metals							Physical Parameters			
	Copper	Nickel	Phosphorus *	Silver	Zinc	Cyanide	Oil & Grease	pH (lab) *	pH (field)	Conductivity	Temp.
DATE	ug/L	ug/L	mg/L	ug/L	ug/L	mg/L	mg/L	s.u.	s.u.	umhos @ 25C	deg. C
01/31/13	118	410	12.6	<2.3	560	0.055 J	19.0	7.9	8.41	19,870	3.8
02/26/13	81.7	532	10.1	<3.4	760	0.050 J	42.6	8.1	8.14	73,999	8.9
03/18/13	111	443	11.3	<1.7	588	0.075 J	38.5	8.1	7.87	>20,000	18.9
04/23/13	57.8	197	5.7	<1.7	2,000	0.033 J	17.5	7.2	7.09	9,610	10.4
05/30/13	55.9	281	8.1	<1.7	4,000	0.026 J	29.7	7.4	7.86	15,190	23.8
06/27/13	76.8	192	6.3	<1.7	2,200	0.029 J	27.3	7.8	7.87	12,140	29.3
07/23/13	144	543	10.0	<3.4	11,400	<0.023	105	7.9	8.08	>20,000	26.8
08/22/13	167	555	13.1	<3.4	4,050	0.076 J	93.0	7.9	8.20	>20,000	24.7
09/24/13	43.1 J	552	12.3	<8.5	2,760	0.069 J	100	8.0	7.73	>20,000	21.7
10/22/13	86.0	530	12.7	<3.4	2,840	0.042 J	62.7	8.0	7.99	>20,000	15.5
12/03/13	38.1	498	13.6	2.5 J	2,280	0.044 J	50.3	8.0	8.25	>20,000	10.0
12/19/13	51.8	525	14.4	<1.7	2,010	0.042 J	64.6	7.9	7.45	10,310	9.5
01/21/14	45.3	506	14.8	1.8 J	1,550	0.050 J	48.1	8.0	8.11	19,870	3.8
02/25/14	42.3	603	13.8	2.2 J	2,840	0.056 J	40.0	8.1	8.32	19,920	14.1
03/18/14	47.4	243	6.4	<1.7	622	0.042 J	45.5	7.4	7.82	13,830	13.2
04/08/14	69.2	258	5.6	<3.2	2,840	<0.060	24.6	7.6	7.23	9,420	18.4
05/29/14	86.4	496	13.6	<3.2	3,280	<0.060	36.1	7.6	7.14	9,810	NA
06/24/14	97.3	616	11.2	<3.2	5,810	<0.060	46.5	7.7	7.77	18,980	27.4
07/24/14	73.8	571	11.6	<3.2	2,310	<0.060	35.8	8.2	7.84	18,940	27.8
08/21/14	35.7	427	14.1	<3.2	828	0.077 J	43.2	7.8	7.88	19,890	25.0
09/25/14	34.4	376	12.1	<3.2	1,000	<0.12	37.8	7.8	7.82	19,760	25.4
10/14/14	51.9	521	--	<3.2	2,500	<0.060	42.4	--	7.78	18,970	17.7
11/25/14	67.4	497	--	<3.2	1,820	<0.12	16.7	--	7.74	19,710	23.2
12/18/14	94.9	446	--	<3.2	1,810	<0.060	20.5	--	7.49	18,290	17.2

Table notes are provided on the last page of the data summary.

Environmental Sampling Corporation
ADVANCED DISPOSAL SERVICES SEVEN MILE CREEK LANDFILL

Sector 2 Leachate Analytical Data Summary

Leachate Tank 2	PARAMETERS											
	Volatile Organic Compounds (VOCs)									PCBs	SVOCs	
	Acetone	Ethyl-benzene	Methylene Chloride	MEK (2-Butanone)	Tetrahydrofuran	Tetrachloroethene	Toluene	m&p-Xylene	o-Xylene	Total PCBs	m-&p-Cresol	Phenol
DATE	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
01/31/13	8,310	<27.0	<21.5	6,820	1,570	<22.5	<33.5	<90.0	<41.5	--	--	--
02/26/13	--	--	--	--	--	--	--	--	--	--	--	--
03/18/13	--	--	--	--	--	--	--	--	--	--	--	--
04/23/13	2,910	<27.0	<21.5	<215	940	29.8 J	60.3	<90.0	<41.5	<3.0	1,570 J	1,270 J
05/30/13	--	--	--	--	--	--	--	--	--	--	--	--
06/27/13	--	--	--	--	--	--	--	--	--	--	--	--
07/23/13	10,500	<50.0	<35.9	8,010	1,440	<47.2	<43.9	<81.7	<50.0	--	--	--
08/22/13	--	--	--	--	--	--	--	--	--	--	--	--
09/24/13	--	--	--	--	--	--	--	--	--	--	--	--
10/22/13	6,480	<50.0	<35.9	5,840	1,190	<47.2	<43.9	<81.7	<50.0	<2.5	3,010	742 J
12/03/13	--	--	--	--	--	--	--	--	--	--	--	--
12/19/13	--	--	--	--	--	--	--	--	--	--	--	--
01/21/14	7,410	<20.0	<14.3	5,800	1,680	<18.9	<17.5	<32.7	<20.0	--	--	--
02/25/14	--	--	--	--	--	--	--	--	--	--	--	--
03/18/14	--	--	--	--	--	--	--	--	--	--	--	--
04/08/14	1,320	9.1 J	5.0 J	964	879	<5.0	21.1	15.0 J	7.6 J	0.29 J	365	263
05/29/14	--	--	--	--	--	--	--	--	--	--	--	--
06/24/14	--	--	--	--	--	--	--	--	--	--	--	--
07/24/14	2,460	<5.0	<2.3	1,560	1,100	<5.0	7.6 J	<10.0	<5.0	--	--	--
08/21/14	--	--	--	--	--	--	--	--	--	--	--	--
09/25/14	--	--	--	--	--	--	--	--	--	--	--	--
10/14/14	3,400	16.3 J	<5.8	1,630	1,060	<12.5	53.4	28.2 J	<12.5	<0.24	--	--
11/25/14	--	--	--	--	--	--	--	--	--	--	--	--
12/18/14	--	--	--	--	--	--	--	--	--	--	--	--

Table notes are provided on the last page of the data summary.

Environmental Sampling Corporation
ADVANCED DISPOSAL SERVICES SEVEN MILE CREEK LANDFILL

Sector 2 Leachate Analytical Data Summary

Leachate Tank 2	PARAMETERS									
	Volatile Fatty Acids (VFAs)									
	Lactic Acid	Acetic Acid	Propionic Acid	Formic Acid	Butyric Acid	Pyruvic Acid	i-Pentanoic Acid	Pentanoic Acid	i-Hexanoic Acid	Hexanoic Acid
DATE	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
01/31/13	3.8 J	920	540	33	280	29	36	84	<1.3	83
02/26/13	--	--	--	--	--	--	--	--	--	--
03/18/13	--	--	--	--	--	--	--	--	--	--
04/23/13	--	--	--	--	--	--	--	--	--	--
05/30/13	--	--	--	--	--	--	--	--	--	--
06/27/13	--	--	--	--	--	--	--	--	--	--
07/23/13	<50	970	720	48	340	35	26	200	<2.9	89
08/22/13	--	--	--	--	--	--	--	--	--	--
09/24/13	--	--	--	--	--	--	--	--	--	--
10/22/13	--	--	--	--	--	--	--	--	--	--
12/03/13	--	--	--	--	--	--	--	--	--	--
12/19/13	--	--	--	--	--	--	--	--	--	--
01/21/14	5.0 J	510	410	44	150	31	32	40	<2.9	44 J
02/25/14	--	--	--	--	--	--	--	--	--	--
03/18/14	--	--	--	--	--	--	--	--	--	--
04/08/14	--	--	--	--	--	--	--	--	--	--
05/29/14	--	--	--	--	--	--	--	--	--	--
06/24/14	--	--	--	--	--	--	--	--	--	--
07/24/14	1.8 J	210	140	17	49	9.0 J	12 J	16	40	<12
08/21/14	--	--	--	--	--	--	--	--	--	--
09/25/14	--	--	--	--	--	--	--	--	--	--
10/14/14	--	--	--	--	--	--	--	--	--	--
11/25/14	--	--	--	--	--	--	--	--	--	--
12/18/14	--	--	--	--	--	--	--	--	--	--

Notes:
mg/L = milligrams per liter
ug/L = micrograms per liter
s.u. = standard units
J = result value was between the laboratory limit of detection and limit of quantitation.
< = The analyte was not detected at a concentration at or above the method detection limit (i.e. < MDL)
-- = Analysis was not required.
In accordance with the April 19, 2005 Conditional Plan of Operation, semi-annual monitoring is required at the leachate tank in April and October. Additional monitoring was conducted in accordance with the Organic Stability Plan and the wastewater treatment plant monitoring requirements.
The June 2013 oil & grease sample was collected on July 2, 2013.
B = Analyte was detected in the Trip Blank
*No longer analyzed due to requirement change in 2014
ND = Analyte was not detected
NA = Data was not available

Attachment B-2

Leachate Head Well Total Depth Evaluation – Sector 1

Leachate Head Well Assessment – Sector 1

Seven Mile Creek Landfill
Sector 1, License # 02821

Leachate Head Well Total Depth Evaluation

Head Well ID	DID	Well Construction Info		Top of Casing Elevation (ft.MSL) (Most Recent Survey)	September 2014			Difference in Reference Elevation (ft.)	Difference in Total Depth (ft.)	Difference in Total Depth less Difference in Ref.Elev. (ft.)
		Top of Casing Elevation (ft.MSL)	Total Depth (ft.)		Measured Total Depth (ft.)	Depth to Liquid (ft.)	Height of Liquid (ft.)			
LHW-1A	033	933.16	47.30	930.24	39.28	dry	0.0	-2.9	-8.0	-5.1
LHW-1B	038	930.31	40.35	928.56	38.52	37.42	1.1	-1.8	-1.8	-0.1
LHW-2A	036	933.70	49.45	932.23	43.68	43.51	0.2	-1.5	-5.8	-4.3
LHW-2B	037	930.52	41.20	929.16	39.90	36.59	3.3	-1.4	-1.3	0.1
LHW-3A	035	934.58	50.90	933.00	36.15	35.22	0.9	-1.6	-14.8	-13.2
LHW-3BR	039	928.18	37.60	925.92	--	--	--	-2.3	--	--
LHW-4A	040	945.57	59.38	943.64	56.18	53.37	2.8	-1.9	-3.2	-1.3
LHW-4B	042	941.12	53.32	937.85	49.00	48.12	0.9	-3.3	-4.3	-1.1
LHW-5A	044	928.70	47.75	926.05	45.30	36.50	8.8	-2.7	-2.5	0.2
LHW-5B	046	929.00	42.39	925.41	38.15	38.05	0.1	-3.6	-4.2	-0.6
LHW-6A	048	918.78	39.30	916.94	33.45 / 32.78	26.57	6.9	-1.8	-5.8	-4.0
LHW-6B	050	919.67	34.50	918.53	29.52	26.33	3.2	-1.1	-5.0	-3.8

Notes:
Well construction information was obtained from the Physical Details provided in the WDNR GEMS database.

Monitoring data and evaluation information was provided by SEH. Details of the evaluation are provided in SEH's Daily Field Log for ADS Seven Mile Creek Landfill, Project # 127073 for 09/10/14 and 09/11/14.

Leachate head well LHW-3BR was not measured during the September 2014 evaluation. This head well was damaged during a mowing event and could not be located by SHE personnel during the evaluation. LHW-3BR was repaired and extended in August 2015.

The protective casing at LHW-6A had settled and the PVC extended above the casing. The PVC head well was cut down approximately eight inches during the September 2015 evaluation. The total measure depth before and after the adjustment are included above. The depth to liquid measurement was recorded prior to the headwell adjustment.

Daily Field Log

Project: Advanced Seven Mile Creek Landfill, Eau Claire, WI.
Project Number: 127073
Date: 9/10/14 Arrived 10:15 A.M. departed 2:45 P.M.
9/11/14 Arrived 9 A.M. departed 11:45 P.M.

Personal On-site: Mike Rohlik (SEH)
Weather Conditions: Sunny 60 Degrees, Wind 2mph North
PPE: Level D
Recorder: Mike Rohlik

Site Activities:

LHW-1A Total Well Depth: 39.82ft No pro-top: No Liquid
Depth to liquid: Dry

LHW-2A Total Well Depth: 43.68ft Not enough liquid to develop
Depth to liquid: 43.51ft

LHW-3A Total Well Depth: 36.15ft
Depth to liquid: 35.22ft
Attempted to develop with inertia pump (waterra), foot valve would not seat due to course sand, which appeared to be filter pack sand (See attached photo). Tried to advance an electric submersible pump and encountered an obstruction at approximately 34 ft. Tried to advance disposable bailer but bailer became lodged below grade.

LHW-4A Total Well Depth: 56.18ft
Depth to liquid: 53.37ft
Pro-top subsided, with PVC well remaining elevated (6ft) not allowing the attachment of the waterra pump. Tried to get waterra tubing down the well and encountered an obstruction at approximately 46 ft. The depth to the liquid within the well >50ft makes the electric submersible pump not possible. Tried to get waterra tubing down the well and encountered an obstruction at approximately 46 ft. Tried to advance disposable bailer but bailer became lodged below grade. The well was unable to be developed.

LHW-5A Total Well Depth: 45.30ft
Depth to liquid: 36.50ft
Attempted to develop with inertia pump (waterra), foot valve would not seat due to course sand, which appeared to be filter pack sand. After approximately 1-hr of attempts, able to remove approximately 1.5 gallons between foot valve seating issues. Liquid removed had no influence on liquid level. Tried to advance an electric submersible pump and encountered an obstruction at approximately 34 ft. Tried to advance disposable bailer but bailer became lodged below grade.

LHW-6A Initial Total Well Depth: 33.45ft
Initial Depth to liquid: 26.57ft

Attempted to develop with inertial pump (waterra), due to the PVC extending above the pro top (used to support waterra pump mechanism) the well was cut approximately 8 inches.
Total Well Depth after cutting casing: 32.78

The waterra pump was used to surge and remove 25 gallons in approximately 35mins until the well purged dry:
Approximately 5min after stopped pumping DTL: 28.3
30min DTL 27.95ft
60min DTL 27.43ft

LHW-1B Total Well Depth: 38.52ft
Depth to liquid: 37.42ft
Attempted to develop with inertial pump (waterra), and was limited by the lack of water. Tried electric submersible pump an encountered an obstruction at approximately 34 ft. Removed 0.5 gallons of liquid. Tried to advance disposable bailer but bailer became lodged below grade. No noticeable changes in liquid measurements.

LHW-2B Total Well Depth: 39.90ft
Depth to liquid: 36.59ft
Attempted to develop with inertia pump (waterra), foot valve would not seat due to sand, which appeared to be a filter pack sand. Advanced an electric submersible pump but pump impellers bound and seized due to sand. Tried to advance disposable bailer but bailer became lodged below grade.

LHW-3BR Well Not present

LHW-4B Total Well Depth: 49.00ft
Depth to liquid: 48.12ft
Attempted to develop with inertial pump (waterra), and was limited by the lack of water. Tried electric submersible pump an encountered an obstruction at approximately 44 ft. Tried to advance disposable bailer but bailer became lodged below grade.

LHW-5B Total Well Depth: 38.15ft Not enough liquid to develop
Depth to liquid: 38.05ft

LHW-6B Total Well Depth: 29.52ft
Depth to liquid: 26.33ft
Attempted to develop with inertia pump (waterra), foot valve would not seat due to course sand, which appeared to be filter pack sand. Advanced an electric submersible pump but pump impellers bound and seized due to sand. Tried to advance disposable bailer but bailer became lodged below grade.

Photo 1 Sand in LHW-2B

Photo 2 Sand in LHW-3A (similar material in LHW-5A and LHW-6B)

Appendix C

Facility Maintenance and Inspections

Attachment C-1

Maintenance and Repair Summary

Advanced Disposal Services
Seven Mile Creek Landfill

Maintenance and Repair Summary

Date	Sector	Component or Location	Maintenance/ Repairs Conducted
01/02/14	2	Wellfield	Decommissioned SEC2GEW11 and SEC2GEW62
01/17/14	1 & 2	Vaults	Checked the lights in all vaults and repaired as needed
01/19/14	2	Phase 9	Repaired the Phase 9 panel
02/14/14	2	Phase 11 and 12	Jetted the force main between Phase 11 and Phase 12
02/25/14	1 & 2	Blower/Flare	Switched to back-up blower due to vibrations at the main blower
03/11/14	1 & 2	Blower/Flare	Switched from back-up blower to main blower after maintenance/repair of main blower
03/14/14	2	Phase 11	Installed 2-in check valve in Phase 11 vault
03/24/14	1	Lift Station	Jetted frozen line on Sector 1
04/29/14	2	Phase 10	Installed new level controller in Phase 10
05/01/14	1 & 2	Blower/Flare	Adjusted scada programming and replaced flare thermocouple to troubleshoot erroneous flare temperature data records (Adjustments were made on 05/01/14, 05/02/14, and 05/12/14)
05/02/14	2	Phase 10	Worked on leachate pump in Phase 10
05/09/14	1 & 2	Blower/Flare	Installed high level shutdown in Flare Building
05/16/14	1 & 2	Blower/Flare	Adjusted scada input signals to correct erroneous flare temperatures. A faulty thermocouple input signal conditioner caused the unit to report erroneous flare temperatures during normal system operation. The scada datalogger resumed recording correct flare temperatures in place of the pilot temperature.
05/16/14	1	Lift Station	Removed and replaced lift station pipe on east side of Sector 1 (Superior Jetting)
05/20/14	1 & 2	Blower/Flare	Adjusted scada input signals to resume recording pilot temperature
05/21/14	1 & 2	Blower/Flare	Installed circle chart recorder.
05/22/14	1 & 2	Blower/Flare	Shutdown blower/flare to inspect the cause of vibrations at the blower and conduct repairs.
06/02/14	1 & 2	Lift Station	Installed new float and transducer in lift station. Conducted test of high level float.
06/05/14	1 & 2	Blower/Flare	Replaced thermocouple at the flare.
06/09/14	2	Wellfield	Installed SEC2GEW36A and SEC2GEW40A (Standard GEWs)
06/09/14	2	Wellfield	Installed SEC2GEW43A (Standard GEW)
06/10/14	2	Wellfield	Installed SEC2GEW11B, SEC2GEW33, andSEC2GEW34 (Standard GEWs)
06/11/14	2	Wellfield	Installed SEC2GEW23A (Standard GEW)
06/11/14	2	Wellfield	Decommissioned SEC2GEW36
06/13/14	2	Wellfield	Installed SEC2GEW22A and SEC2GEW61A (Standard GEWs)
06/16/14	2	Wellfield	Installed SEC2GEW19 (Standard GEW)
06/17/14	2	Phase 12	Installed shutdown float in Phase 12 vault
06/17/14	2	Wellfield	Installed SEC2GEW16A (Caisson GEW), SEC2GEW44 and SEC2GEW52(Standard GEWs)
06/19/14	2	Wellfield	Decommissioned SEC2GEW40 and SEC2GEW43
06/20/14	2	Phase 11	Installed shutdown float in Phase 11 vault
06/20/14	2	Wellfield	Installed SEC2GEW10B (Caisson GEW)
06/25/14	2	Wellfield	Decomissioned S2P06LC2, S2P07LC1, S2P08LC2, S2P09LC1, S2P10LC2 as gas extraction points. These leachate cleanout points are used as discharge points for gas extraction well dewatering.
07/08/14	2	Wellfield	Installed SEC2GEW15A and SEC2GEW27A (Caisson GEWs)
07/09/14	2	Wellfield	Installed SEC2GEW3A (Standard GEW)
07/15/14	2	Cover	Repaired geomembrane near S2P07LC1 and SEC2GW3A pipe boot
07/17/14	2	Leachate Line	Excavated and buried the dual contained leachate discharge pipe. The area was covered and re-seeded.
07/21/14	2	Wellfield	Installed SEC2GEW14A and SEC2GEW26A (Caisson GEWs)
07/22/14	2	Wellfield	Installed SEC2GEW32 (Caisson GEW)
07/23/14	2	Wellfield	Installed SEC2GEW28A (Standard GEW) and SEC2GEW29B (Caisson GEW)

Advanced Disposal Services
Seven Mile Creek Landfill

Maintenance and Repair Summary

Date	Sector	Component or Location	Maintenance/ Repairs Conducted
07/25/14	1 & 2	Blower/Flare	Power line upgrade
07/27/14	2	Wellfield	Decommissioned SEC2GEW28
07/29/14	2	Wellfield	Decommissioned SEC2GEW3, SEC2GEW22, and SEC2GEW23
07/30/14	2	Wellfield	Decommissioned SEC2GEW61
07/30/14	2	Wellfield	Decommissioned S2P10OC1, S2P10OC2, S2P10OC3, and S2P10OC4
07/30/14	1 & 2	Blower/Flare	Hooked up new main power line
07/31/14	2	Wellfield	Decommissioned SEC2GEW10A, SEC2GEW11A, SEC2GEW14, SEC2GEW15, SEC2GEW26, SEC2GEW27, and SEC2GEW29A
07/31/14	2	Wellfield	Decommissioned S2P01OC1, S2P01OC3, S2P01OC4, S2P08OC5, S2P08OC5, S2P08OC6, S2P08OC9, and S2P08OC10
07/31/14	2	Phase 10	Installed shutdown float in Phase 10 vault
08/01/14	2	Wellfield	Tie-in of 6-in cross-over on top of Phase 3 and 4
08/05/14	2	Wellfield	Repaired damaged gas line going to the main header on the south side of Phase 6
08/11/14	2	Phase 9	Installed shutdown float in Phase 9 vault
08/27/14	1 & 2	Blower/Flare	Measured flare bonnet. Cleaned and re-installed DPC flow meter.
08/29/14	1 & 2	Blower/Flare	Inspected DPC flow meter
09/10/11	1	Leachate Head Well	SEH performed an evaluation of the Sector 1 leachate head wells. SEH cut down the PVC headwell LHW-6A by approximately 8 inches. PVC extended above the protective casing and needed to be repaired. (9/10-9/11)
09/16/14	2	Phase 10	Replaced hour meter in Phase 10 panel
09/16/14	2	Wellfield	Extended gas extraction wells SEC2GW18, SEC2GW20, and SEC2GW21
09/30/14	1 & 2	Blower/Flare	Cleaned dripleg
10/02/14	1 & 2	Blower/Flare	Cleaned flare arrestor and recorded flare measurements
10/06/14	2	Phase 8	Installed shutdown float in Phase 8 vault
10/07/14	2	Wellfield	Installed air pumps in SEC2GW19 and SC2GW22A
10/07/14	2	Wellfield	Repaired 2-in air line at SC2GW15A
10/08/14	2	Wellfield	Replaced Kanaflex hose at SEC2GW39, SEC2GW41, SC2GW43A, SC2GW36A, SEC2GW36A, SEC2GW30, and SEC2GW38
10/09/14	1 & 2	Blower/Flare	Reprogrammed scada unit and adjust scaling of flow meters to correct issues with erroneous DPC flow readings
10/14/14	2	Wellfield	Jetting vacuum lines for S2P01OC2, S2P08OC4, S2P08OC2, S2P08OC1, and SC2GW36A
10/27/14	2	Leachate Head Well	Cornerstone and ESC installed bubblers at LHW-5B, LHW-6B, LHW-7B, and LHW-11.
11/04/14	1 & 2	Lift Station	Installed new lift station panel.
11/13/14	2	Wellfield	Installed solid PVC pipe on S2P01OC5 and S2P01OC6 to shorten Kanaflex hose
12/03/14	1 & 2	Blower/Flare	Replaced the expansion boot and leveled the 12-in line going to the flare
12/12/14	2	Wellfield	Decommissioned S2P08OC3
12/12/14	2	Wellfield	Decommissioned S2P02OC2, S2P04OC1, and S2P08OC12 (physically abandoned on 12/19/14).
12/18/14	2	Wellfield	Replaced a section of 6-in line between the header and SEC2GW42
12/22/14	2	Leachate Head Well	Cornerstone and ESC removed transducers from LHW-5A, LHW-6A, and LHW-7A and installed bubblers at LHW-4A, LHW-4B, LHW-5A, LHW-6A, LHW-7A, and LHW-12.

Attachment C-2

Site Inspection Forms:
Monthly Spill Prevention Inspection Checklist
Quarterly Inspection Checklist
Annual Facility Site Compliance Inspection Report
Monthly Cover Integrity Inspection Logs

ATTACHMENT A – MONTHLY INSPECTION CHECKLIST
Seven Mile Creek Landfill - Year: 2014

Complete this inspection checklist *each month* for all tanks and containers indicated. Check off each item for each source if the statement is true. Provide further description and comments. *Any item that is not checked as true shall be described and addressed immediately.*

AST1, Tank Areas and Piping	Month											
	1	2	3	4	5	6	7	8	9	10	11	12
Tank surfaces show no signs of leakage				T	T	T	T	T	T	T	T	T
Tank shows no signs of damage, rust, or deterioration				T	T	T	T	T	T	T	T	T
There is no damage to bolts, rivets, or seams				T	T	T	T	T	T	T	T	T
Level gauge or alarm is working properly				T	T	T	T	T	T	T	T	T
Tank area is not obstructed				T	T	T	T	T	T	T	T	T
There is no water/oil in interstice of double-walled tank				T	T	T	T	T	T	T	T	T
Pumps and valves are locked				T	T	T	T	T	T	T	T	T
There is no oil present in the secondary containment				T	T	T	T	T	T	T	T	T
There are no signs of leakage or deterioration to pipelines and connections				T	T	T	T	T	T	T	T	T
There are no signs of leakage or deterioration to concrete pad or ground below tank				T	T	T	T	T	T	T	T	T
There are no signs of damage or staining to the containment structure				T	T	T	T	T	T	T	T	T
Tank area is not obstructed by equipment, vegetation, or waste debris				T	T	T	T	T	T	T	T	T

Portable Container Storage Areas (D1, TOTE1)	Month											
	1	2	3	4	5	6	7	8	9	10	11	12
Containers or drums show no signs of leakage, deterioration, or distortion.				T	T	T	T	T	T	T	T	T
Containers or drums show no signs of spillage on their tops, sides, or surrounding ground				T	T	T	T	T	T	T	T	T
No excess materials or waste debris are stacked on containers or drums				T	T	T	T	T	T	T	T	T
Container or drum lids are tightly closed				T	T	T	T	T	T	T	T	T
Containers or drums are labeled and are not outdated				T	T	T	T	T	T	T	T	T
Container or drum area is not obstructed by equipment, vegetation, or waste debris				T	T	T	T	T	T	T	T	T
Containers or drums are within designated storage area				T	T	T	T	T	T	T	T	T

Spill Kits	Month											
	1	2	3	4	5	6	7	8	9	10	11	12
Spill kits are full and do not require replenishment of response materials				T	T	T	T	T	T	T	T	T

ATTACHMENT A – MONTHLY INSPECTION CHECKLIST (CONTINUED)
Seven Mile Creek Landfill - Year: 2014

Month	Source/Area	Note

Check off under each source name after it has been inspected for the current month. After you complete your inspection of the oil sources, sign and date the table below.

Month	AST1	D1	TOTE1	Signature	Date
January					
February					
March					
April	✓	✓	✓		4/23/14
May	✓	✓	✓		5/22/14
June	✓	✓	✓		6/27/14
July	✓	✓	✓		7/18/14
August	✓	✓	✓		8/26/14
September	✓	✓	✓		9/25/14
October	✓	✓	✓		10/27/14
November	✓	✓	✓		11/25/14
December	✓	✓	✓		12/18/14

ATTACHMENT B – ANNUAL INSPECTION CHECKLIST
Seven Mile Creek Landfill - Year: 2014

This inspection record will be completed *each year* for all tanks and containers indicated in Table 1. Check off each item for each source if the statement is true. Provide further description and comments. *Any item that is not checked as true will be described and addressed immediately.*

AST1, Tank Areas and Piping	√	Notes
Tank surfaces show no signs of leakage	✓	
Tank shows no signs of damage, rust, or deterioration	✓	
There is no damage to bolts, rivets, or seams	✓	
Level gauges or alarms are working properly	✓	
There is no water/oil in interstice of double-walled tank	✓	
Pumps and valves are locked	✓	
Normal and emergency tank vents do not require cleaning or maintenance	✓	
Coatings of exterior tanks do not require maintenance, cleaning, or painting	✓	
There are no signs of leakage or deterioration to concrete pad or ground below tank	✓	
There are no signs of leakage or deterioration to pipelines and connections	✓	
Tank supports are not deteriorated or buckled	✓	
Tank foundations have not eroded or settled	✓	
Tank area is not obstructed by equipment, vegetation, or waste debris	✓	
There is no oil present in the secondary containment	✓	
There is no water present in outdoor secondary containment	✓	
There is no signs of damage or staining to containment structure	✓	

Source/Area	Notes

Date: 12/18/14 **Signature:** [illegible]

QUARTERLY INSPECTION CHECKLIST

Facility Name: Advanced Disposal ~~Superior~~ Seven Mile Creek Landfill

Date: March 24, 2014

Time of Inspection 2:30 PM

Weather Conditions: Warm ~ 34°F Partly Sunny

Inspector's Name Mark W. Vinell

General Comments

GENERAL SITE CONDITIONS

Security fencing and entrance gates

(condition OK) Fencing / Gates in good shape

Roadways/Haul roads (evidence of spills, leaks,

odors, or unauthorized discharge) None

Housekeeping standards Roads are starting to thaw, some mud

Drainage ditches:

Obstructions

Evidence of erosion

Presence of windblown debris

Ponding of water Still filled with snow

Final cover:

Evidence of erosion

Presence of leachate seeps None identified / Snow / Ice

Sedimentation basins:

Erosion of banks

Piping Full of snow

Sediment buildup on bottom

Infiltration basins:

Erosion of banks

Sediment buildup on bottom Full of Snow

Emergency spillway - West basin only

Advanced Disposal

Facility Name ~~Superior~~ Seven Mile Creek Landfill Date: 3/24/14

INFILTRATION BASINS

	North	South	West	
Is water present?	NO	NO	NO	
If so,is there a sheen or discoloration?	N/A	N/A	N/A	
Turbidity (minimal moderate, high)				
Estimate of depth				
Floation material (other than oil and grease)				
Unusual odors				

Additional comments: Still Lots of Snow

Describe corrective action: N/A

Corrective action previously occurred: _____ Yes _____ No

Number of times: Not this quarter

Note: See Attachment 1 for location of infiltration basins

Facility Name: Superior Seven Mile Creek Landfill Date: 3/24/14

STRUCTURAL CONTROLS

(See plan of operation plan set)

Structural Control	Satisfactory Presence		Condition/Comments
	Yes	No	
Covering	✓		
Curbs, berms, earthen dikes	✓		
Drainage swales/ditches	✓		
Vegetation or natural depressions	✓		
Infiltration of runoff on site	✓		
Riprap	✓		
Roofing		✓	Office needs new roof
Silt fence	✓		
Straw bale dam	✓		
Diversion berms	✓		
Downslope discharge structures	✓		
Energy dissipators	✓		

Additional comments: Lots of snow

Corrective actions:

Corrective action previously occurred _____ Yes _____ No

Number of times: _____

ATTACHMENT B
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Location: Seven Mile Creek Landfill Eau Claire, WI	Inspector (print name): Mark W. Vinall
Date: June 28, 2014	Signature:
Time: 2:30 pm	Weather: Partly Cloudy Warm

Objectives:
- To identify sources of storm water pollution
- To verify BMP implementation
- To determine if significant facility changes require an update to the SWPPP

Key:
Y = Yes
N = No
NA = Not Applicable

Best Management Practice (BMP) Inspection

Activity or Area	Potential Significant Material Exposure(s)?	BMPs Implemented and Maintained?	New BMP Required?	Discharges Observed (ponding, drainage)?	Summary Notes
Leachate Loadout Pad	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Aboveground Leachate Tank Containment Pad	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Indoor ASTs in Maintenance Shop	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Fuel Delivery and Unloading	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	

ATTACHMENT 8 (CONTINUED)
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Best Management Practice (BMP) Inspection					
Activity or Area	**Potential Significant Material Exposure(s)?**	**BMPs Implemented and Maintained?**	**New BMP Required?**	**Discharges Observed (ponding, drainage)?**	**Summary Notes**
Vehicle Fueling	Y N NA	Y N NA	Y N NA	Y N NA	
Waste Storage (for waste generated by SMCL)	Y N NA	Y N NA	Y N NA	Y N NA	
Soil Stockpiles	Y N NA	Y N NA	Y N NA	Y N NA	
Sanitary Landfill Operations	Y N NA	Y N NA	Y N NA	Y N NA	
Access Roads	Y N NA	Y N NA	Y N NA	Y N NA	
Public Drop-off Storage	Y N NA	Y N NA	Y N NA	Y N NA	
General Housekeeping	Y N NA	Y N NA	Y N NA	Y N NA	
Composting Operations	Y N NA	Y N NA	Y N NA	Y N NA	
Material and Equipment Storage Areas	Y N NA	Y N NA	Y N NA	Y N NA	

ATTACHMENT B (CONTINUED)
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Outfall Inspection															
Outfall Number (see Figure 1 and Table 1 for descriptions and locations)	**Discharge Flow Present?**		**If so, is there a sheen or discoloration?**			**Turbidity**			**Floating Material (other than oil/grease)**		**Unusual Odors?**		**Comments**
Outfall SW-1 (southeast sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-2 (south sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-3 (west infiltration basin immediately south of public drop-off area)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-4 (west infiltration basin south of Outfall SW-3 infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-5 (north infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-6 (southwest sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-7 Temp (Partially constructed northeast sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-7 (northeast infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-8 (maintenance building area infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	

ATTACHMENT B
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Location: Seven Mile Creek Landfill Eau Claire, WI	Inspector (print name): Mark W. Vinall
Date: 9/25/14	Signature:
Time: 10:00 AM	Weather: Sunny / 70° F Light Breeze from SW

Objectives:
- To identify sources of storm water pollution
- To verify BMP implementation
- To determine if significant facility changes require an update to the SWPPP

Key:
Y = Yes
N = No
NA = Not Applicable

Best Management Practice (BMP) Inspection

Activity or Area	Potential Significant Material Exposure(s)?	BMPs Implemented and Maintained?	New BMP Required?	Discharges Observed (ponding, drainage)?	Summary Notes
Leachate Loadout Pad	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Aboveground Leachate Tank Containment Pad	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Indoor ASTs in Maintenance Shop	Y (N) NA	Y (N) NA	Y (N) NA	Y (N) NA	The containers need to be cleaned. Some residual oil on top of drums.
Fuel Delivery and Unloading	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	

ATTACHMENT 3 (CONTINUED)
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Best Management Practice (BMP) Inspection					
Activity or Area	Potential Significant Material Exposure(s)?	BMPs Implemented and Maintained?	New BMP Required?	Discharges Observed (ponding, drainage)?	Summary Notes
Vehicle Fueling	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Waste Storage (for waste generated by SMCL)	Y (N) NA	Y (N) NA	Y (N) NA	Y (N) NA	These tanks should be wiped of residual to maintain a clean / tidy appearance.
Soil Stockpiles	Y (N) NA	Y (N) NA	Y (N) NA	Y (N) NA	Soil stockpile on southeast corner of Sect 1, needs more grading.
Sanitary Landfill Operations	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Access Roads	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Public Drop-off Storage	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
General Housekeeping	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Composting Operations	Y (N) NA	Y (N) NA	Y (N) NA	(Y) N NA	Pumped out surface drainage area. Lots of Blown litter in it.
Material and Equipment Storage Areas	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	

ATTACHMENT B (CONTINUED)
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Outfall Inspection															
Outfall Number (see Figure 1 and Table 1 for descriptions and locations)	Discharge Flow Present?		If so, is there a sheen or discoloration?			Turbidity			Floating Material (other than oil/grease)		Unusual Odors?		Comments
Outfall SW-1 (southeast sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-2 (south sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-3 (west infiltration basin immediately south of public drop-off area)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-4 (west infiltration basin south of Outfall SW-3 infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-5 (north infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-6 (southwest sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-7 Temp (Partially constructed northeast sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-7 (northeast infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-8 (maintenance building area infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	

ATTACHMENT B
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Location: Seven Mile Creek Landfill Eau Claire, WI	Inspector (print name): Mark W. Vinall
Date: 12/26/14	Signature:
Time: 11:30 AM.	Weather: Sunny, No Precip → Snow covered ≈ 8° C

Objectives:

- To identify sources of storm water pollution
- To verify BMP implementation
- To determine if significant facility changes require an update to the SWPPP

Key:
Y = Yes
N = No
NA = Not Applicable

Best Management Practice (BMP) Inspection

Activity or Area	Potential Significant Material Exposure(s)?	BMPs Implemented and Maintained?	New BMP Required?	Discharges Observed (ponding, drainage)?	Summary Notes
Leachate Loadout Pad	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Aboveground Leachate Tank Containment Pad	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Indoor ASTs in Maintenance Shop	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Fuel Delivery and Unloading	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	

ATTACHMENT B (CONTINUED)
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Best Management Practice (BMP) Inspection					
Activity or Area	**Potential Significant Material Exposure(s)?**	**BMPs Implemented and Maintained?**	**New BMP Required?**	**Discharges Observed (ponding, drainage)?**	**Summary Notes**
Vehicle Fueling	Y N NA	Y N NA	Y N NA	Y N NA	
Waste Storage (for waste generated by SMCL)	Y N NA	Y N NA	Y N NA	Y N NA	
Soil Stockpiles	Y N NA	Y N NA	Y N NA	Y N NA	
Sanitary Landfill Operations	Y N NA	Y N NA	Y N NA	Y N NA	
Access Roads	Y N NA	Y N NA	Y N NA	Y N NA	
Public Drop-off Storage	Y N NA	Y N NA	Y N NA	Y N NA	
General Housekeeping	Y N NA	Y N NA	Y N NA	Y N NA	
Composting Operations	Y N NA	Y N NA	Y N NA	Y N NA	
Material and Equipment Storage Areas	Y N NA	Y N NA	Y N NA	Y N NA	

ATTACHMENT B (CONTINUED)
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Outfall Inspection															
Outfall Number (see Figure 1 and Table 1 for descriptions and locations)	Discharge Flow Present?		If so, is there a sheen or discoloration?			Turbidity			Floating Material (other than oil/grease)		Unusual Odors?		Comments
Outfall SW-1 (southeast sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-2 (south sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-3 (west infiltration basin immediately south of public drop-off area)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-4 (west infiltration basin south of Outfall SW-3 infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-5 (north infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-6 (southwest sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-7 Temp (Partially constructed northeast sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-7 (northeast infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-8 (maintenance building area infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	

ATTACHMENT F
SWPPP Non-Storm Water Discharge Assessment and Certification

Advanced Disposal Services Seven Mile Creek Landfill
Non-Storm Water Discharge Inspection Form

Date of Test or Evaluation	Outfall Directly Observed During the Test (identify as indicated on the site map)	Method Used to Test or Evaluate Discharge	Describe Results from Test for the Presence of Non-Storm Water Discharge	Identify Potential Significant Sources	Name of Person Who Conducted the Test or Evaluation
6/18/14	SW-1	End of Pipe Screening	None		Mark Vinall
6/18/14	SW-2		None		Mark Vinall
6/18/14	SW-3		None		Mark Vinall
6/18/14	SW-4		None		Mark Vinall
6/18/14	SW-5		None		Mark Vinall
6/18/14	SW-6		None		Mark Vinall
6/18/14	SW-7		None		Mark Vinall

I, Mark W. Vinall, certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Mark W. Vinall, GM
Printed Name & Title

715-858-9105
Area Code & Telephone No.

Signature

6/18/14
Date Signed

State of Wisconsin
Department of Natural Resources
dnr.wi.gov

Annual Facility Site Compliance Inspection Report (AFSCI)

For Storm Water Discharges Associated With Industrial Activity Under Wisconsin Pollutant Discharge Elimination System (WPDES) Permit

Form 3400-176 (R 8/10)

Notice: This form is authorized by s. NR 216.29(2), Wis. Adm. Code. Submittal of a completed form to the Department is mandatory for industrial facilities covered under a Tier 1 storm water general permit. Facilities covered under a Tier 1 permit are not required to submit AFSCI reports after submittal of the second AFSCI report, unless so directed by the Department. However, these inspections and quarterly visual inspections shall still be conducted and results shall be kept on site for Department inspection. Facilities covered under a Tier 2 storm water general, industry-specific general or individual permit shall keep the results of their AFSCI and quarterly visual inspections on site for Department inspection. Failure to comply with these regulations may result in fines up to $25,000 per day pursuant to s. 283.91, Wis. Stats. Personally identifiable information on this form may be used for other water quality program purposes.

Please type or clearly print your answers to all questions.

Section I: Facility/Site Information

Facility/Site Name (As Appears on Permit Authorization): Advanced Disposal Services Seven Mile Creek Landfill, LLC	County: Eau Claire
Location Address/Description (if different from mailing address below): 8001 Olson Rd.	State: WI; ZIP Code: 54703
Municipality: Eau Claire; ☒ City ☐ Village ☐ Township	Facility Identification (FID) and/or FIN Number (if known): FID: FIN:

Section II: Facility/Site Contact Person

Local Contact Person: Mark W. Vinall	Mailing Address (if different than site location address): 8001 Olson Rd.
Title: General Manager	Municipality (if different than above): Eau Claire
Telephone (include area code): 715-830-0284	State: WI; ZIP Code (if different than above): 54703
E-mail address or Website (if applicable): mark.vinall@advanceddisposal.com	Fax (include area code): 715-830-0285

Section III: Certification & Signature (Person attesting to the accuracy and completeness of Annual Facility Site Compliance Inspection Report.)

This form must be signed by an official representative of the permitted facility in accordance with s. NR 216.22(7), Wis. Adm. Code. See instructions on page 4. If this form is not signed, or is found to be incomplete, it will be returned

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Authorized Representative: [signature]	Telephone Number (include area code): 715-858-9105
Type or Print Name: Mark W. Vinall	Company Name: Advanced Disposal Services
Position Title: General Manager	Mailing Address: 2626 Mondovi Rd
Date Signed:	Municipality: Eau Claire; State: WI; ZIP Code: 54701

How to Use this Form:

The first level of storm water monitoring consists of a comprehensive annual facility site compliance inspection (AFSCI) to determine if your facility is operating in compliance with your Storm Water Pollution Prevention Plan (SWPPP). You should use the results of this inspection to determine the extent to which your SWPPP needs to be updated to prevent pollution from new source areas, as well as to correct any inadequacies that the plan may have in handling existing source areas. This first level of monitoring is addressed in Section IV of this Annual Report on page 2.

The second level of storm water monitoring consists of quarterly visual observations of storm water leaving the site during runoff events caused by snow-melt or rainfall. This is a practical, low cost tool for identifying obvious contamination of storm water discharges, and can also help identify which practices are ineffective. The goal of quarterly inspections is to obtain results from a set of four inspections that are distributed as evenly as possible throughout the year and which depict runoff quality during each of the four seasons. This second level of monitoring is addressed in Section V of this Annual Report on page 3.

ction IV: Annual Facility Site Compliance Inspection

The Annual Facility Site Compliance Inspection shall be adequate to verify that: your Storm Water Pollution Prevention Plan (SWPPP) remains current; potential pollution sources at your facility are identified; the facility site map and drainage map remain accurate; and that the Best Management Practices prescribed in your SWPPP are being implemented, properly operated, and adequately maintained.

Name of Person Conducting Inspection	Inspection Date
Mark W. Vinall	9/25/14
Employer	**Telephone Number**
Advanced Disposal Services	715-858-9105

Your inspection should start with a review of your written SWPPP kept at your facility. The SWPPP should be amended if, through these inspections, you find that the provisions in your SWPPP are ineffective in controlling contaminated storm water from being discharged from your facility.

1.	Has your SWPPP been updated to include current Non-Storm Water Discharge Evaluation results?	☐ Yes	☐ No	☑ N/A
2.	Has your SWPPP been amended for any new construction that would affect the site map or drainage conditions at the facility?	☐ Yes	☐ No	☑ N/A
3.	Has your SWPPP been amended for any changes in facility operations that could be identified as new source areas for contamination of storm water?	☐ Yes	☐ No	☑ N/A
4.	Are there any materials at the facility that are handled, stored, or disposed in a manner to allow exposure to storm water that are not currently addressed in your SWPPP?	☐ Yes	☑ No	☐ N/A
5.	Are there any maintenance or material handling activities conducted outdoors that have not been addressed in your SWPPP?	☐ Yes	☑ No	☐ N/A
6.	Are outside areas kept in a neat and orderly condition?	☑ Yes	☐ No	☐ N/A
	Are regular housekeeping inspections made?	☑ Yes	☐ No	☐ N/A
8.	Do you see spots, pools, puddles, or other traces of oils, grease, or other chemicals on the ground?	☐ Yes	☑ No	☐ N/A
9.	Are particulates on the ground from industrial operations or processes being controlled?	☑ Yes	☐ No	☐ N/A
10.	Do you see leaking equipment, pipes or containers?	☐ Yes	☑ No	☐ N/A
11.	Do drips, spills, or leaks occur when materials are being transferred from one source to another?	☐ Yes	☑ No	☐ N/A
12.	Are drips or leaks from equipment or machinery being controlled?	☑ Yes	☐ No	☐ N/A
13.	Are cleanup procedures used for spilled solids?	☑ Yes	☐ No	☐ N/A
14.	Are absorbent materials (floor dry, kitty litter, etc.) regularly used in certain areas to absorb spills?	☑ Yes	☐ No	☐ N/A
15.	Can you find discoloration, residue, or corrosion on the roof or around vents or pipes that ventilate or drain work areas?	☐ Yes	☑ No	☐ N/A
16.	Are Best Management Practices implemented to reduce or eliminate contamination of storm water from source areas at the facility?	☑ Yes	☐ No	☐ N/A
17.	Are Best Management Practices adequately maintained?	☑ Yes	☐ No	☐ N/A
18.	Are there significant changes to your SWPPP needed to correct plan inadequacies to effectively control a discharge of contaminated storm water from your facility?	☐ Yes	☑ No	☐ N/A

›mments:

;ction V: Quarterly Visual Inspection Reports

Quarterly Visual Inspections at each storm water discharge outfall on your site can be a valuable assessment tool and are required by the Tier 1, Tier 2, and Nonmetallic Mining Industrial Storm Water General Permits. These inspections should be performed when sufficient runoff occurs during daylight hours. Try to make observations within the first 30 minutes after runoff begins discharging from the outfall or soon thereafter as practical, but no later than 60 minutes. If you find visible pollution, note the probable source and list any possible Best Management Practices that could be used to reduce or eliminate the problem. Make any necessary changes to your Storm Water Pollution Prevention Plan as needed. If you were unable to evaluate an outfall during a specific quarter, this should be indicated along with a reason as to why this could not be done.

	Date of Inspection			
Outfall Number	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
# SW-1	No Precip on	6/25/14	9/9/14	No measurable
SW-2	snowmelt with Runo	6/25/14	9/9/14	precipitation
SW-3	off for the entire	6/25/14	9/9/14	events
SW-4	Quarter	6/25/14	9/9/14	that
SW-5		6/25/14	9/9/14	resulted in
SW-6		6/25/14	9/9/14	stormwater drainage
SW-7		6/25/14	9/9/14	at outfalls

Briefly summarize what you found when conducting your Quarterly Visual Inspections. (Include any observations of color, odor, turbidity, floating solids, foam, oil sheen, or any other indications of storm water pollution and the probable sources of any observed storm water contamination.)

1) Extremely cold and low water, No Storm water observations in Q1.

2) 6/25/14 ≈ 1.0 inches of precipitation 30 minutes into rainfall event. No problems noted.

3) 9/9/14 ≈ 0.64 inches of rain. 60 minutes into rain event. No Problems noted.

4) Q4 was nearly a 100% drought. No Stormwater discharge events observed at outfalls.

NSPS Monthly Cover Integrity Inspection Log

Landfill Identification: 2-mile Creek
Location: Eau Claire
Inspected By: Dean Martin
Date of Inspection: 1-27-2014
Weather Conditions:
Site Conditions:
Ambient Temperature: °F
Barometric Pressure: "Hg
Relative Humidity: %
Winds: mph

Technician should identify (but is not limited to) the following issues: leachate seeps/outbreaks, erosions, vegetative cover (seeding), ponding/drainage, holes/cracks and flagging/exposed waste

Issue No.*	Location**	Description of Issue***
	Sector 1	No Issues
	Sector 2 covered Area	No Issues
	Form completed	7/24/14 Based on monthly Notes

NSPS Monthly Cover Integrity Inspection Log

Landfill Identification: _____ Location: _____

Inspected By: Dean Martan Date of Inspection: 2-10-2014

Weather Conditions: _____

Site Conditions: _____

Ambient Temperature: _____ °F Barometric Pressure: _____ "Hg

Relative Humidity: _____ % Winds: _____ mph

Technician should identify (but is not limited to) the following issues: leachate seeps/outbreaks, erosions, vegetative cover (seeding), ponding/drainage, holes/cracks and flagging/exposed waste

Issue No.*	Location**	Description of Issue***
	Sector 1	No Issues
	Sector 2 covered Area	No Issues
	Form completed	7/24/14 Based on monthly Notes

NSPS Monthly Cover Integrity Inspection Log

Landfill Identification: _____ Location: _____

Inspected By: Dean Martin Date of Inspection: 3-6-2014

Weather Conditions: _____

Site Conditions: _____

Ambient Temperature: _____ °F Barometric Pressure: _____ "Hg

Relative Humidity: _____ % Winds: _____ mph

Technician should identify (but is not limited to) the following issues: leachate seeps/outbreaks, erosions, vegetative cover (seeding), ponding/drainage, holes/cracks and flagging/exposed waste

Issue No.*	Location**	Description of Issue***
	Sector 1	No Issues
	Sector 2 covered Area	No Issues
	Form completed	7/24/14 Based on monthly Notes

NSPS Monthly Cover Integrity Inspection Log

Landfill Identification: _____ Location: _____

Inspected By: Dean Martan Date of Inspection: 4-3-2014

Weather Conditions: _____

Site Conditions: _____

Ambient Temperature: _____ °F Barometric Pressure: _____ "Hg

Relative Humidity: _____ % Winds: _____ mph

Technician should identify (but is not limited to) the following issues: leachate seeps/outbreaks, erosions, vegetative cover (seeding), ponding/drainage, holes/cracks and flagging/exposed waste

Issue No.*	Location**	Description of Issue***
	Sector 1	No Issues
	Sector 2 covered Area	No Issues
	Form completed	7/24/14 Based on Monthly Notes

NSPS Monthly Cover Integrity Inspection Log

Landfill Identification: _____ Location: _____

Inspected By: Dean Martin Date of Inspection: 5-19-2014

Weather Conditions: _____

Site Conditions: _____

Ambient Temperature: _____ °F Barometric Pressure: _____ "Hg

Relative Humidity: _____ % Winds: _____ mph

Technician should identify (but is not limited to) the following issues: leachate seeps/outbreaks, erosions, vegetative cover (seeding), ponding/drainage, holes/cracks and flagging/exposed waste

Issue No.*	Location**	Description of Issue***
	Sector 1	No Issues
	Sector 2 covered Area	No Issues
	Form completed	7/24/14 Based on monthly Notes

NSPS Monthly Cover Integrity Inspection Log

Landfill Identification: _____ Location: _____

Inspected By: Dean Marten Date of Inspection: 6-11-2014

Weather Conditions: _____

Site Conditions: _____

Ambient Temperature: _____ °F Barometric Pressure: _____ "Hg

Relative Humidity: _____ % Winds: _____ mph

Technician should identify (but is not limited to) the following issues: leachate seeps/outbreaks, erosions, vegetative cover (seeding), ponding/drainage, holes/cracks and flagging/exposed waste

Issue No.*	Location**	Description of Issue***
	Sector 1	No Issues
	Sector 2 covered Area	No Issues
	Form completed	7/24/14 Based on Monthly Notes

NSPS Monthly Cover Integrity Inspection Log

Landfill Identification: 7-Mile creek
Location:
Inspected By: Dean martin
Date of Inspection: 7/17/14
Weather Conditions:
Site Conditions:
Ambient Temperature: °F
Barometric Pressure: "Hg
Relative Humidity: %
Winds: mph

Technician should identify (but is not limited to) the following issues: leachate seeps/outbreaks, erosions, vegetative cover (seeding), ponding/drainage, holes/cracks and flagging/exposed waste

Issue No.*	Location**	Description of Issue***
	Sector 1	No Issues
	Sector 2	Dug and buried Dual contained
		Leachate discharge pipe. Then
		covered and Reseeded.

NSPS Monthly Cover Integrity Inspection Log

Landfill Identification: 7-Mile Creek Location:
Inspected By: Dean Marten Date of Inspection: 8/18/14
Weather Conditions:
Site Conditions:
Ambient Temperature: °F Barometric Pressure: "Hg
Relative Humidity: % Winds: mph

Technician should identify (but is not limited to) the following issues: leachate seeps/outbreaks, erosions, vegetative cover (seeding), ponding/drainage, holes/cracks and flagging/exposed waste

Issue No.*	Location**	Description of Issue***
	Sector 1	No Issues
	Sector 2	No Issues

NSPS Monthly Cover Integrity Inspection Log

Landfill Identification: 7-Mile Creek
Location:
Inspected By: Dean Martin
Date of Inspection: 9/22/14
Weather Conditions:
Site Conditions:
Ambient Temperature: °F
Barometric Pressure: "Hg
Relative Humidity: %
Winds: mph

Technician should identify (but is not limited to) the following issues: leachate seeps/outbreaks, erosions, vegetative cover (seeding), ponding/drainage, holes/cracks and flagging/exposed waste

Issue No.*	Location**	Description of Issue***
	Sector 1	No Issues
	Sector 2	No Issues

NSPS Monthly Cover Integrity Inspection Log

Landfill Identification: 7-Mile creek Location:
Inspected By: Dean Martin Date of Inspection: 10-19-15
Weather Conditions:
Site Conditions:
Ambient Temperature: °F Barometric Pressure: "Hg
Relative Humidity: % Winds: mph

Technician should identify (but is not limited to) the following issues: leachate seeps/outbreaks, erosions, vegetative cover (seeding), ponding/drainage, holes/cracks and flagging/exposed waste

Issue No.*	Location**	Description of Issue***
	Sector 1	No Issues
	Sector 2	No Issues

NSPS Monthly Cover Integrity Inspection Log

Landfill Identification: 7-mile Creek
Location:
Inspected By: Dean Marten
Date of Inspection: 11/28/14
Weather Conditions:
Site Conditions:
Ambient Temperature: °F
Barometric Pressure: "Hg
Relative Humidity: %
Winds: mph

Technician should identify (but is not limited to) the following issues: leachate seeps/outbreaks, erosions, vegetative cover (seeding), ponding/drainage, holes/cracks and flagging/exposed waste

Issue No.*	Location**	Description of Issue***
	Sector 1	No Issues
	Sector 2	No Issues

NSPS Monthly Cover Integrity Inspection Log

Landfill Identification: 7-Mile Creek
Location:
Inspected By: Dean Marten
Date of Inspection: 12/15/14
Weather Conditions:
Site Conditions:
Ambient Temperature: °F
Barometric Pressure: "Hg
Relative Humidity: %
Winds: mph

Technician should identify (but is not limited to) the following issues: leachate seeps/outbreaks, erosions, vegetative cover (seeding), ponding/drainage, holes/cracks and flagging/exposed waste

Issue No.*	Location**	Description of Issue***
	Sector 1	No Issues
	Sector 2.	No Issues

Attachment C-3

Monitoring Well, Lysimeter, and Leachate Head Well Condition Report – October 2014

Monitoring Well, Gas Probe, Lysimeter, and Leachate Head Well Condition Report - October 2014
ADS Seven Mile Creek Landfill - Eau Claire, WI

Common Well Name	WDNR Well ID	Well Association	Well Labeled Common Name	Well Labeled WDNR ID	Well Cap Present	Well Casing Condition	Protective Casing Condition	Well Lock	Key Number	Access/Trail condition
Groundwater Monitoring Wells										
DH-42A	158	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2121	Trail needs clearing
DH-42	156	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2121	Trail needs clearing
DH-4R	003	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-1	001	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-22B	160	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-22A	158	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-22R	157	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-18B	142	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-18A	140	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-18	138	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-35A	194	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-35	192	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-33A	188	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-33	186	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-49A	230	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-49	228	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-47A	224	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-47	222	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-46A	220	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-46	218	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-39A	202	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-39	200	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-43A	210	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-43	208	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-36	196	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-34	190	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-32	184	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-48	226	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-40	204	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-41	206	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-52	236	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-45	216	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-53	238	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
Lysimeters										
LY1A	400	Sector 2	YES	YES	YES	GOOD	GOOD	NONE	NA	GOOD
LY2	406	Sector 2	YES	YES	YES	GOOD	GOOD	NONE	NA	GOOD
LY3	408	Sector 2	YES	YES	YES	GOOD	GOOD	NONE	NA	GOOD
LY4	410	Sector 2	YES	YES	YES	GOOD	GOOD	NONE	NA	GOOD
VLHW-1A	440	Sector 2	Yes	YES	Yes	GOOD	NONE	NONE	NA	GOOD
VLHW-2A	444	Sector 2	Yes	YES	Yes	GOOD	NONE	NONE	NA	GOOD
VLHW-3A	448	Sector 2	Yes	YES	Yes	GOOD	NONE	NONE	NA	GOOD
LHW-4A	450	Sector 2	Yes	YES	YES	GOOD	NONE	NONE	NA	GOOD
LHW-4B	452	Sector 2	YES	YES	YES	GOOD	NONE	NONE	NA	GOOD
LHW-5A	454	Sector 2	YES	YES	YES	GOOD	NONE/RISER SHOULD EXTENDED	NONE	NA	GOOD
LHW-5B	456	Sector 2	YES	YES	YES	GOOD	NONE/RISER SHOULD EXTENDED	NONE	NA	GOOD
LHW-6A	458	Sector 2	YES	YES	YES	GOOD	NONE/RISER SHOULD EXTENDED	NONE	NA	GOOD
LHW-6B	460	Sector 2	YES	YES	YES	GOOD	NONE/RISER SHOULD EXTENDED	NONE	NA	GOOD
LHW-7A	462	Sector 2	YES	YES	YES	GOOD	GOOD	NONE	NA	GOOD
LHW-7B	464	Sector 2	YES	YES	YES	GOOD	GOOD	NONE	NA	GOOD
LHW-8	466	Sector 2	YES	YES	YES	GOOD	NONE/RISER SHOULD EXTENDED	NONE	NA	GOOD
LHW-9	468	Sector 2	YES	YES	Yes	GOOD	None	NONE	NA	GOOD
LHW-10A	470	Sector 2	YES	YES	Yes	GOOD	NONE/RISER SHOULD EXTENDED	NONE	NA	GOOD
LHW-10B	472	Sector 2	YES	YES	Yes	GOOD	NONE/RISER SHOULD EXTENDED	NONE	NA	GOOD
LHW-11	NA	Sector 2	YES	YES	Yes	GOOD	GOOD	NONE	NA	GOOD

Appendix C-4

Leachate Line Jetting Documentation

Superior Jetting

Customer Service Report

Customer: Advanced Disposal Seven Mile Creek LF
Contact: Mr. Mark Vinall

Address: Advanced Disposal Seven Mile Creek LF
2626 Mondovi Road
Eau Claire, WI 54701

Report Number: 829
Date(s): 6/23 thru 6/27/2014

Page: 1 of 4
On-Site Hours: 34.5
Mob. Hours: 6

Description: Jet Sector 1and 2 at Veolia ES-Seven Mile Creek Landfill

Jetting Summary

No.	Length Jetted	Comments
Sector 1		
MH-2A	500	Leachate rocks on hose
MH-3A	600	
MH-4A	700	Leachate rocks on hose
MH-4	700	Leachate rocks on hose
MH-3	600	
MH-2	500	
LS	--	
MH-1A	175	
MH-1B	250	

Superior Jetting, Inc.
P.O. Box 357, Zimmerman, MN 55398
Phone/Fax: (763) 631-3133

No.	Length Jetted	Comments
Sector 2		
Phase 7 S CO	600	
Phase 6 S CO	600	Jet through blockage at 300 feet. Jet Twice
Phase 5 S CO	600	
MH-8 (Phase 4)	700	Slow past 400 feet.
MH-9 (Phase 4)	700	
MH-10 (Phase 3)	700	Jetting slow past 600 feet.
MH-11 (Phase 3)	700	
MH-12 (Phase 2)	700	
MH-13 (Phase 2)	700	
MH-14 (Phase 1)	530	Cannot jet past 530 feet
MH-15 (Phase 1)	--	Pipe dead ends at 80 feet. Not Jetted
Phase 8 S CO	700	
Phase 9 S CO	700	
Phase 10 S CO	600	Leachate rock on hose
Phase 10N CO	700	Leachate rock on hose
Phase 9 N CO	700	
Phase 8 N CO	700	
MH-16 (Phase 1)	--	Does not exist
MH-17 (Phase 1)	450	Leachate rock on hose
MH-18 (Phase 2)	500	Jetting slow past 400 feet
MH-19 (Phase 2)	--	Manhole removed. Could not locate clean-out
MH-20 (Phase 3)	--	Manhole removed. Could not locate clean-out
MH-21 (Phase 3)	--	Manhole removed. Could not locate clean-out
CO 4A (Phase 4)	1027	Hose stopped at "high point" at 1027 feet.
CO 4H (Phase 4)	220	Header constructed in 2013
Phase 5 N CO	--	Could not locate cleanout. Possibly ties into new construction
Phase 6 N CO	--	Cleanout buried
Phase 7 N CO	700	Jetting very slow past 500 feet.
CO-3A	1115	Slow past 900 feet
CO-3AH N CO	300	
CO-2A	1000	Slow past 700 feet
CO-1AH S CO	650	
CO-1A	700	

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P.O. Box 357, Zimmerman, MN 55398
Phone/Fax: (763) 631-3133

Additional Comments

June 23, 2014 **Arrived On-Site: 2:45 pm**

- Jetted phase 7 from south side to distance indicated above. No problems encountered
- Jetted phase 6 from south side to distance indicated above. Blockage at 300 feet. Continued jetting on 6/24/2014.

Left Site: 4:45 pm

June 24, 2014 **Arrived On-Site: 7:00 am**

- Jetted phase 6 from south side to distance indicated above with front cutter nozzle. No problems encountered.
- Jetted phase 5 from south side to distance indicated above. No problems encountered.
- Jetted phase 4 leachate pipe from MH-8 to distance indicated above. Jetting slow past 400 feet.
- Jetted phase 4 leachate pipe from MH-9 to distance indicated above. No problems encountered.
- Jetted leachate pipe from MH-10 to distance indicated above. Jetting slow past 600 feet.
- Jetted leachate pipe from MH-11 to distance indicated above. Jetting slow past 500 feet
- Jetted leachate pipe from MH-12 to distance indicated above. Jetting slow past 500 feet.
- Jetted leachate pipe from MH-13 to distance indicated above. Jetting slow past 500 feet.
- Jetted leachate pipe from MH-14 to distance indicated above. Hose would not advance past 530 feet. Same as 2013.

Left Site: 5:00 pm

June 25, 2014 **Arrived On-Site: 7:00 am**

- Jetted phase 8 from south side to distance indicated above. No problems encountered.
- Jetted phase 9 from south side to distance indicated above. No problems encountered.
- Jetted phase 10 from south side to distance indicated above. No problems encountered.
- Jetted phase 10 from north side to distance indicated above. No problems encountered.
- Jetted phase 9 from north side to distance indicated above. No problems encountered.
- Jetted phase 8 from north side to distance indicated above. No problems encountered.
- Jetted leachate pipe from MH-17 to distance indicated above. Jetted to same distance as in 2013. Hose pulled back hard. Leachate rock on hose.

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Phone/Fax: (763) 631-3133

- Jetted leachate pipe from MH-18 to distance indicated above. Leachate rock on hose.
- Jetted phase 7 from north side to distance indicated above. Very slow past 500 feet.
- Jetted sector 1 leachate pipe from MH-3 to distance indicated above. No problems encountered.
- Jetted sector 1 leachate pipe from MH-2 to distance indicated above. No problems encountered.

Left Site: 5:15 pm

June 26, 2014 LTC **Arrived On-Site: 7:00 am**

- Jetted sector 1 leachate pipe from MH-1A to distance indicated above. No problems encountered.
- Jetted sector 1 leachate pipe from MH-1B to distance indicated above. No problems encountered.
- Jetted sector 1 leachate pipe from MH-4 to distance indicated above. No problems encountered.
- Jetted sector 1 leachate pipe from MH-2A to distance indicated above. No problems encountered.
- Jetted sector 1 leachate pipe from MH-3A to distance indicated above. No problems encountered.
- Jetted sector 1 leachate pipe from MH-4A to distance indicated above. No problems encountered.
- Jet collection pipe from CO-1A to distance indicated above. No problems encountered
- Jet header pipe from south cleanout-1AH to distance indicated. No problems encountered.
- Jet collection pipe from CO-2A to distance indicated above. No problems encountered
- Jet header pipe from north cleanout-3AH to distance indicated. No problems encountered.
- Jet collection pipe from CO-4AH to distance indicated above. No problems encountered.

Left Site: 5:30 pm

June 27, 2014 **Arrived On-Site: 7:15 am**

- Jet collection pipe from CO-4A to distance indicated above. Hose would not advance past "high point" at 1027 feet.
- Jet collection pipe from CO-3A to distance indicated above. Hose advanced slowly past 900 feet.

Left Site: 10:30 am

Superior Jetting, Inc.
P.O. Box 357, Zimmerman, MN 55398
Phone/Fax: (763) 631-3133

Superior Jetting

Customer Service Report

Customer:	Veolia ES Seven Mile Creek Landfill	**Report Number:**	838
Contact:	Mr. Mark Vinall	**Date(s):**	8/4 thru 8/7/14
Address:	2626 Mondovi Road Eau Claire, WI 54701	**Page:**	1 of 2
		On-Site Hours:	30.5
		Mob. Hours:	6

Description: Removed/installed liftstation pipe on east side of Sector 1.

Comments

August 4, 2014 **Left Shop: 11:30 am Arrived On-Site: 2:45 pm**

- Jet from MH 14 to MH 15, a distance of 80 feet. Remove a lot of leachate rock.
- Jet from MH 13 to MH 14, a distance of 80 feet. Remove a lot of leachate rock.

Left Site: 5:00 pm

August 5, 2014 **Arrived On-Site: 7:00 am**

- Used confined space entry procedure to clean above ground storage tank leachate storage tank.
- Used confined space entry procedures to clean Sector 1 leachate storage tank.

L.T.C.

Left Site: 5:00 pm

August 6, 2014 **Left Shop: 11:30 am Arrived On-Site: 2:45 pm**

- Re-jet from MH 14 to MH 15, a distance of 80 feet. Remove a lot of leachate rock. Vacuumed manhole.
- Re-jet from MH 13 to MH 14, a distance of 80 feet. Remove a lot of leachate rock. Vacuumed manhole.

Superior Jetting, Inc.
P.O. Box 357, Zimmerman, MN 55398
Phone/Fax: (763) 631-3133

Comments

- Jet from MH 12 to MH 13, a distance of 80 feet. Remove a lot of leachate rock. Vacuumed manhole.
- Jet from MH 11 to MH 12, a distance of 80 feet. Remove a lot of leachate rock. Entered manhole using confined space procedures with SCBA. Vacuumed manhole.
- Jet from MH 10 to MH 11, a distance of 80 feet. Remove a lot of leachate rock. Entered manhole using confined space procedures with SCBA. Vacuumed manhole.
- Jet from MH 9 to MH 10, a distance of 80 feet. Remove a lot of leachate rock. Entered manhole using confined space procedures with SCBA. Vacuumed manhole.

Left Site: 6:00 pm

August 5, 2014 **Arrived On-Site: 7:00 am**

- Jet from MH 8 to MH 9, a distance of 100 feet. Remove a lot of leachate rock. Entered manhole using confined space procedures with SCBA. Vacuumed manhole.
- Jet from MH 7 to MH 8, a distance of 100 feet. Remove a lot of leachate rock. Entered manhole using confined space procedures with SCBA. Vacuumed manhole.
- Jet from MH 6 to MH 7, a distance of 100 feet. Remove a lot of leachate rock. Entered manhole using confined space procedures with SCBA. Vacuumed manhole.
- Jet from MH 5 to MH 6, a distance of 100 feet. Remove a lot of leachate rock. Entered manhole using confined space procedures with SCBA. Vacuumed manhole.
- Jet from MH 4 to MH 5, a distance of 100 feet. Remove a lot of leachate rock. Vacuumed manhole. Did not entry manhole.
- Jet from MH 3 to MH 4, a distance of 100 feet. Remove a lot of leachate rock. Entered manhole using confined space procedures with SCBA. Vacuumed manhole.
- Jet from MH 2 to MH 3, a distance of 100 feet. Remove a lot of leachate rock. Vacuumed manhole. Did not entry manhole.
- Jet from MH 2 to MH 1, a distance of 125 feet. Remove a lot of leachate rock. Entered manhole using confined space procedures with SCBA. Vacuumed manhole.
- Jet from MH 1 to liftstation, a distance of 50 feet. Remove a lot of leachate rock. Entered manhole using confined space procedures with SCBA. Vacuumed manhole.

Left Site: 6:00 pm Returned to Shop: 10:00 pm

Superior Jetting, Inc.
P.O. Box 357, Zimmerman, MN 55398
Phone/Fax: (763) 631-3133

Superior Jetting

Customer Service Report

Customer:	Veolia ES Seven Mile Creek Landfill	**Report Number:**	820
Contact:	Mr. Mark Vinall	**Date(s):**	5/16/2014
Address:	2626 Mondovi Road Eau Claire, WI 54701	**Page:**	1 of 1
		On-Site Hours:	3.75
		Mob. Hours:	6

Description: Removed/installed liftstation pipe on east side of Sector 1.

Comments

May 16, 2014 **Left Shop: 7:00 am Arrived On-Site: 10:30 am**

- Arrived on-Site 10:30 am
- Used confined space entry procedure to enter liftstation and remove/replace pipe
- Left Site 2:15 pm

Left Site: 2:15 pm Arrived at Shop: 5:00 pm

Superior Jetting, Inc.
P.O. Box 357, Zimmerman, MN 55398
Phone/Fax: (763) 631-3133

Appendix D

Groundwater Monitoring

Attachment D-1

Groundwater Monitoring Reports

Environmental Consultants
and Contractors

2830 Dairy Drive
Madison, WI 53718-6751

608 224-2830
FAX 608 224-2839
www.scsengineers.com

SCS ENGINEERS

June 30, 2014
File No. 25214027.00

GEMS Data Submittal Contact – WA/5
Wisconsin Department of Natural Resources
Bureau of Waste Management
P.O. Box 7921
Madison, WI 53707-7921

Subject: Environmental Monitoring Data Submittal – April 2014
Advanced Disposal Services Seven Mile Creek Landfill – Sector 1
Eau Claire, Wisconsin
WDNR License No. 2821
FID No. 618009260

Dear GEMS Data Submittal Contact:

On behalf of Advanced Disposal Services, SCS Engineers is submitting environmental monitoring results for April 2014 for the Seven Mile Creek Landfill – Sector 1. This submittal includes the electronic data file of the monitoring results on a compact disk (CD), the Environmental Monitoring Data Certification form, and a summary of parameters detected at values above NR 140 Groundwater Quality Standards, well-specific preventive action limits (PALs), or alternative concentration limits (ACLs) (**Table 1**).

Included in this submittal are the analytical results and associated field data for the following monitoring points:

- Groundwater monitoring wells (DH-01 through DH-21A, and DH-42 and DH-42A)
- Leachate sample point (LEACHATE TANK-1)

Additional environmental monitoring field data are being submitted separately by Environmental Sampling Corporation.

Field monitoring was performed by Short, Elliot, Hendrickson, Inc., (SEH) of Chippewa Falls, Wisconsin. The monitoring by SEH was conducted between April 8 and 11, 2014. Laboratory analysis was performed by Pace Analytical Services of Green Bay, Wisconsin.

This letter provides the following information:

- List of NR 140 groundwater standard exceedances and a preliminary analysis of the cause and significance of the exceedances
- Explanation of any deviations from the approved sampling plan

NR 140 GROUNDWATER STANDARD EXCEEDANCES

Groundwater monitoring data were compared to the NR 140 Groundwater Quality Standards for parameters that have established PALs and Enforcement Standards (ESs). The results were also compared to well-specific PALs and ACLs approved for DH-01, and DH-04R, which are the wells that are also in the Seven Mile Creek Landfill Sector 2 monitoring program. There are no well-specific PALs and ACLs approved for the remainder of the wells in the Sector 1 monitoring program. **Table 1** summarizes the constituents that were detected at concentrations above a PAL or ES. The cause and significance of the April 2014 standard exceedances are discussed below.

- **Iron and Specific Conductance at DH-1** – Iron was detected at a concentration of 20.9 mg/L in the groundwater sample collected from well DH-1 in April 2014. This well is located upgradient of the landfill and there have been numerous exceedances for iron at DH-01since 1994, when the well was first sampled. Beginning in about 2007, iron concentrations increased, and have been similar since 2007 through April 2014. Specific conductance has also increased starting in about 2007, but there has only been one exceedance of the PAL (in April 2007) for specific conductance prior to the current exceedance. Iron occurs naturally in the aquifer; however, the well is constructed with a galvanized steel mesh screen, as noted in the 2003 Feasibility Study for the horizontal expansion of Sector 2, and may not provide reliable monitoring data for iron and related parameters. Other newer monitoring wells in the area, including Sector 2 monitoring wells DH-39 and DH-40, do not show elevated iron concentrations. Well DH-1 is located in the approved footprint of the landfill and will be abandoned as facility construction dictates.

- **Iron at DH-07, DH-11R, DH-15A, DH-19, DH-42, and DH-42A** – Iron was detected at concentrations exceeding the ES in the groundwater sample collected from these wells in April 2014. The wells are located upgradient, side gradient, and downgradient of the landfill. The iron detected is likely naturally occurring. Iron was eliminated from the sampling plan by the Plan Modification Approval for Groundwater Monitoring Reductions, Seven Mile Creek Landfill – Sector 1, dated December 18, 2007, and had not been included in the monitoring since 2007, until 2013 and 2014 when it was analyzed in samples from several wells, apparently in error. Iron will not be included in future monitoring, in accordance with the 2007 monitoring plan.

- **Vinyl Chloride at DH-10** – Vinyl chloride was detected at a concentration of 2.6 µg/L in the groundwater sample collected from well DH-10 in April 2014. Vinyl chloride has been detected at this well starting in 2003. In April 2013 the vinyl chloride concentration at DH-10 was 0.99 µg/L; however, higher concentrations of vinyl chloride than those detected in 2013 and 2014 were detected at this well in 2010, 2011, and 2012. This well is located on the west side of Seven Mile Creek. The 2003 Feasibility Study for horizontal expansion of Sector 2 notes that Seven Mile Creek is likely a discharge point for groundwater, and therefore DH-10 is not located

downgradient of the Sector 1 or Sector 2 landfills. Vinyl chloride was not detected in any other Sector 1 or Sector 2 monitoring wells. The vinyl chloride at DH-10 is likely a result of groundwater impacts from a source other than the Seven Mile Creek landfills.

MONITORING PROGRAM COMMENTS

The monitoring was performed in accordance with the monitoring plan approved by the Wisconsin Department of Natural Resources in the Plan Modification Approval for Groundwater Monitoring Reductions, Seven Mile Creek Landfill – Sector 1, dated December 18, 2007, with the exception of the inclusion of iron as noted above. There were no other deviations from the approved monitoring plan for the monitoring results reported in this submittal.

If you have any questions regarding the information included in this submittal, please call us at 608.224.2830.

Sincerely,

Sherren Clark, PE, PG
Project Director
SCS ENGINEERS

Betty J. Socha, PG, PhD
Senior Project Manager
SCS ENGINEERS

BJS/jsn/SCC

Enclosures: Table 1 – NR 140 Exceedance Summary
Groundwater Monitoring Data Certification Form
GEMS Data CD

cc: Tim Curry, Advanced Disposal Services (e-copy only)
Mark Vinall, ADS Seven Mile Creek Landfill (2 copies of letter, 1 CD)
Frank Perugini, Environmental Sampling Corp. (w/o CD)
Brian Kent, SEH, Inc., (e-copy only)

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Table 1
NR 140 Exceedance Summary

Site ID: **2821**
Site Name: **Seven Mile Creek Landfill - Sector 1**
Reporting Period: **April 2014**

Groundwater Results Exceeding NR 140 Standards

Well	Parameter	Result	PAL	ES	Exceedance Type
DH-01	Iron, dissolved (mg/l as Fe)	20.9	0.15	0.3	ES
	Specific conductance-field (umhos/cm @ 25c)	330	310		PAL (Indicator)
DH-07	Iron, dissolved (mg/l as Fe)	7.16	0.15	0.3	ES
DH-10	Vinyl chloride (ug/l)	2.6	0.02	0.2	ES
DH-11R	Iron, dissolved (mg/l as Fe)	1.52	0.15	0.3	ES
DH-15A	Iron, dissolved (mg/l as Fe)	0.727	0.15	0.3	ES
DH-19	Iron, dissolved (mg/l as Fe)	1.23	0.15	0.3	ES
DH-42	Iron, dissolved (mg/l as Fe)	16.5	0.15	0.3	ES
DH-42A	Iron, dissolved (mg/l as Fe)	16.2	0.15	0.3	ES

Groundwater Results with Estimated Concentration Above an NR 140 PAL or ES and Below the LOQ

Note: If both the result and the PAL or ES are above the limit of detection but below the limit of quantitation, the result is not considered a PAL or ES exceedance under NR 140.14(3)(c). If the PAL or ES is below the limit of detection and the result is below the limit of quantitation, the result is not considered a PAL or ES exceedance without additional confirmation as described in NR 140.14(3)(b).

Well	Parameter	Result	LOD/LOQ	PAL	ES
None					

Notes:
PAL = Preventive Action Limit
ES = Enforcement Standard
LOD = Limit of Detection
LOQ = Limit of Quantitation
ug/l = micrograms per liter
mg/l = milligrams per liter

Prepared by: MOB 6/12/14
Checked by: BJS 6/15/14

State of Wisconsin
Department of Natural Resources

Environmental Monitoring Data Certification

Form 4400-231(R 1/04)

Notice: Personally identifiable information collected will be used for program administration and enforcement purposes. The Department may also provide this information to requesters as required under Wisconsin's Open Records law, ss. 19.31 to 19.39, Wis. Stats.
When submitting monitoring data, the owner or operator of the facility, practice or activity is required to notify the Department in writing that a groundwater standard or an explosive gas level has been attained or exceeded, as specified in ss. NR 140.24(1)(a); NR 140.26(1)(a); NR 507.30NR 635.14(9)(a); NR 635.18(20) and NR 507.30, Wis. Adm. Code. Failure to report may result in fines, forfeitures or other penalties resulting from enforcement under ss. 289.97, 291.97 or 299.95, Wis. Stats.

Instructions:

- **Prepare one form for each license or monitoring ID.**
- **Please type or print legibly.**
- Attach a notification of any values that attain or exceed groundwater standards (that is, preventive action limits, enforcement standards or alternative concentration limits). The notification must include a preliminary analysis of the cause and significance of each value.
- Attach a notification of any gas values that attain or exceed explosive gas levels.
- Send the original signed form, any notification, and Electronic Data Deliverable [EDD] to: GEMS Data Submittal Contact - WA/3
  Bureau of Waste Management
  Wisconsin Department of Natural Resources
  101 South Webster Street
  Madison WI 53707-7921

Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

SCS Engineers

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Mari Bull, Data Management Spec Phone: (830) 644-2130

E-mail: mbull@scsengineers.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
Advanced Disposal Services Seven-Mile Creek Landfill - Sector 1	02821	618009260	April 8, 9, & 11, 2014

The enclosed results are for sampling required in the month(s) of: (e.g., June 2003)

April 2014

Type of Data Submitted (Check all that apply)

- [x] Groundwater monitoring data from monitoring wells
- [ ] Groundwater monitoring data from private water supply wells
- [x] Leachate monitoring data
- [ ] Gas monitoring data
- [ ] Air monitoring data
- [ ] Other (specify)

Notification attached?

- [ ] No. No groundwater standards or explosive gas limits were exceeded.
- [x] Yes, a notification of values exceeding a groundwater standard is attached. It includes a list of monitoring points, dates, sample values, groundwater standard and preliminary analysis of the cause and significance of any concentration.
- [ ] Yes, a notification of values exceeding an explosive gas limit is attached. It includes the monitoring points, dates, sample values and explosive gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards.

Sherren Clark, SCS Engineers	Project Manager	(608) 216-7323
Facility Representative Name (Print)	Title	(Area Code) Telephone No.

Signature 6-30-14 Date

FOR DNR USE ONLY. Check action taken, and record date and your initials. Describe on back side if necessary.

- [ ] **Found uploading problems on** _____ **Initials** _____
- [ ] **Notified contact of problems on** _____ **Uploaded data successfully on** _____

EDD format(s): [ ] **Diskette** [ ] **CD (initial submittal and follow-up)** [ ] **E-mail (follow-up only)** **Other** _____

Environmental Consultants
and Contractors

2830 Dairy Drive
Madison, WI 53718-6751

608 224-2830
FAX 608 224-2839
www.scsengineers.com

SCS ENGINEERS

June 30, 2014
File No. 25214011.00

GEMS Data Submittal Contact – WA/5
Wisconsin Department of Natural Resources
Bureau of Waste Management
P.O. Box 7921
Madison, WI 53707-7921

Subject: Environmental Monitoring Data Submittal – April 2014
Advanced Disposal Services Seven Mile Creek Landfill – Sector 2
Eau Claire, Wisconsin
WDNR License No. 3097, FID No. 618045450

Dear GEMS Data Submittal Contact:

On behalf of Advanced Disposal Services, SCS Engineers is submitting environmental monitoring results for April 2014 for the Seven Mile Creek Landfill – Sector 2. This submittal includes the electronic data file of the monitoring results on a compact disk (CD), the Environmental Monitoring Data Certification form, and a summary of parameters detected at values above NR 140 Groundwater Quality Standards, well-specific preventive action limits (PALs), or alternative concentration limits (ACLs) (**Table 1**).

Included in this submittal are the analytical results and associated field data for the following monitoring points:

- Groundwater monitoring wells (DH-01, DH04R, and DH18 through DH-53)
- Private supply well (PW-28)
- Surface water (STREAM-1, STREAM-2, and STREAM-3)
- Lysimeters (L-1A, L-2, L-3, and L-4)
- Leachate sample point (LEACHATE TANK (LE-2))

Additional environmental monitoring field data are being submitted separately by Environmental Sampling Corporation.

Field monitoring was performed by Short, Elliot, Hendrickson, Inc., (SEH) of Chippewa Falls, Wisconsin. The monitoring by SEH was conducted between April 7-8 and 10-11, 2014. Laboratory analysis was performed by Pace Analytical Services of Green Bay, Wisconsin.

This letter provides the following information:

- List of NR 140 groundwater standard exceedances and a preliminary analysis of the cause and significance of the exceedances

- Explanation of any deviations from the approved sampling plan

NR 140 GROUNDWATER STANDARD EXCEEDANCES

Groundwater monitoring data were compared to the NR 140 Groundwater Quality Standards for parameters that have established PALs and Enforcement Standards (ESs), and to well-specific PALs and ACLs approved for the wells that are in the Seven Mile Creek Landfill Sector 2 monitoring program. DH-01, and DH-04R are wells that are also in the Seven Mile Creek Landfill Sector 1 monitoring program. **Table 1** summarizes the constituents that were detected at concentrations above a PAL or ES. The cause and significance of the April 2014 standard exceedances are discussed below.

Public Health Parameters

Benzene at DH-53 – Benzene was detected at a concentration of 4.6 ug/L in April 2014, which exceeds the PAL but is below the ES. Benzene PAL exceedances were also detected at this well in April 2012 and 2013. The exceedances do not appear to be associated with the landfill, as DH-53 is located upgradient of Sector 2, on the north side of County Highway O, and is downgradient of a nearby salvage yard.

Boron at DH-53 – Boron was detected at a concentration of 0.3 mg/L at DH-53 in April 2014, which exceeds the PAL but is below the ES. The concentration is consistent with past results. Similar concentrations were observed during pre-expansion baseline monitoring at nearby well DH-45 several years ago, and an ACL of 0.421 mg/L was approved for that well. The exceedances are not associated with the landfill, as DH-53 is located upgradient of Sector 2. Boron at this location may be due to natural background or to off-site sources such as the salvage yard.

Nitrate at DH-52 – Nitrate was detected at a concentration of 4.8 mg/L at upgradient well DH-52 in April 2014. The result is consistent with previous results for this well, and also with site-wide background results. In the 2005 Plan of Operation approval, ACLs for nitrate were approved for 10 monitoring wells at concentrations ranging from 3 to 10 mg/L. The widespread nitrate impacts including the PAL exceedance at DH-52 are likely the result of agricultural land uses in the area.

Public Welfare and Indicator Parameters

Iron and Specific Conductance at DH-01 – Iron was detected at a concentration of 20.9 mg/L in the groundwater sample collected from well DH-01 in April 2014. This well is located upgradient of the landfill and there have been numerous exceedances for iron at DH-01since 1994, when the well was first sampled. Beginning in about 2007, iron concentrations increased, and have been similar since 2007 through April 2014. Specific conductance has also increased starting in about 2007, but there has only been one exceedance of the PAL (in April 2007) for specific conductance prior to the current

exceedance. Iron occurs naturally in the aquifer, however the well is construction with a galvanized steel mesh screen, as noted in the 2003 Feasibility Study for the horizontal expansion of Sector 2, and may not provide reliable monitoring data for iron and related parameters. Other newer wells in the same general area, including DH-39 and DH-40, do not show elevated iron concentrations. Well DH-01 is located in the approved footprint of the landfill and will be abandoned as facility construction dictates.

Iron at DH-22R and DH-35A – Iron was detected at a concentrations exceeding the ES in the groundwater sample collected DH-22R in April 2014. This is the first PAL or ES exceedance for iron at DH-22R, and the cause and significance will be evaluated further if it is confirmed in subsequent sampling. In the sample from DH-35A, the reported iron concentration exceeded the well-specific ACL of 1 mg/L. The results for DH-35A are consistent with recent previous results. Iron has followed a long term increasing trend at this well since the early 1990s. Well DH-35A is located between the two Sectors of SMCL and near the closed Town of Seymour Landfill. The iron detected at these wells likely does not indicate impacts from the Sector 2 landfill, but continued monitoring will allow further evaluation of the groundwater conditions in these two areas.

Specific Conductance, Alkalinity, Chloride, and Hardness at DH-34 – The PALs for these parameters were exceeded at DH-34 in April 2014. Results for these parameters increased beginning in late 2010 or early 2011 and have been variable but higher than pre-2010 values since then. The well is located between Sector 2 and the closed Town of Seymour Landfill.

Specific Conductance at DH-33A and DH-39 – This is the first PAL exceedance for specific conductance at DH-33A, and the cause and significance will be evaluated further if it is confirmed in subsequent sampling. It appears that the high specific conductance result for DH-33A may not reflect true groundwater quality, because inorganic parameters such as chloride and hardness did not have elevated results. This well is located between Sector 2 and the closed Town of Seymour Landfill. The PAL for specific conductance has been exceeded at DH-39 in the past. The exceedance is not associated with the landfill as DH-39 is located up gradient of Sector 2 and down gradient of a salvage yard.

Hardness at DH-35 – The PAL for hardness was exceeded at DH-35 in April 2014. This is the first PAL exceedance for hardness at this well, and the cause and significance will be evaluated further if it is confirmed in subsequent sampling. The well is located between the two Sectors of SMCL and near the closed Town of Seymour Landfill.

MONITORING PLAN COMMENTS

The monitoring was performed in accordance with the monitoring plan approved by the Wisconsin Department of Natural Resources in the April 19, 2005 Conditional Plan of Operation

for the Proposed Horizontal and Vertical Expansion of the Onyx Seven Mile Creek Sector 2 Landfill and the July 19, 2007 Organic Stability Plan Approval, with the exceptions noted below.

Additional wells DH-52 and DH-53 – These wells were installed in 2005 and are not listed on the approved monitoring plans. Starting in 2006, they have been sampled semi-annually according to the approved monitoring protocol for groundwater monitoring wells with annual sampling for VOCs. The wells have also been monitored for baseline parameters starting in 2006. The baseline data will be evaluated for appropriateness for calculating PALs and ACLs for the wells. Monitoring for baseline parameters will continue if additional data is needed.

VOC sampling and liquid elevations at lysimeters –Annual sampling for VOCs was inadvertently missed in April 2014. VOC analysis will be included in October 2014 sampling event, and the April sampling events thereafter. Liquid depths measured at L-2, L-3, and L-4 are reported for April 2014. L-1A was dry in April 2014. Liquid elevations are not reported, because the top-of-casing elevations are unavailable. The elevations will be resurveyed prior to the next semiannual monitoring event.

Leachate sampling point – The approved monitoring plan lists the leachate collection point as the "Sector 2 Lift Station" with point identification number #430. However, in April 2014, leachate was not sampled at the lift station, but was sampled at the Sector 2 above-ground leachate tank (reported as LE-2, with point identification #425). The leachate tank, rather than the lift station, has been the sampling point for leachate since 2010.

There were no other deviations from the approved monitoring plan for the monitoring results reported in this submittal.

If you have any questions regarding the information included in this submittal, please call us at 608-224-2830.

Sincerely,

Sherren Clark, PE, PG
Project Director
SCS ENGINEERS

Betty J. Socha, PG, PhD
Senior Project Manager
SCS ENGINEERS

BJS/SCC

Enclosures: Table 1 – NR 140 Exceedance Summary
Groundwater Monitoring Data Certification Form
GEMS Data CD

cc: Tim Curry, Advanced Disposal Services (e-copy only)
Mark Vinall, ADS Seven Mile Creek Landfill (2 copies of letter, 1 CD)
Frank Perugini, Environmental Sampling Corp. (w/o CD)
Brian Kent, SEH, Inc., (e-copy only)

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Table 1
NR 140 Exceedance Summary

Site ID: **3097**
Site Name: **Seven-Mile Creek Landfill - Sector 2**
Reporting Period: **April 2014**

Groundwater Results Exceeding NR 140 Standards

Well	Parameter	Result	PAL	ES	Exceedance Type
DH-01	Iron, dissolved (mg/l as Fe)	20.9	0.15	0.3	ES
	Specific conductance-field (umhos/cm @ 25c)	330	310		PAL (Indicator)
DH-22R	Iron, dissolved (mg/l as Fe)	0.869	0.15	0.3	ES
DH-33A	Specific conductance-field (umhos/cm @ 25c)	570	260		PAL (Indicator)
DH-34	Alkalinity, total filtered (mg/l as CaCO3)	454	120		PAL (Indicator)
	Chloride, dissolved (mg/l as Cl)	189	125	250	PAL
	Hardness, total, filtered (mg/l as CaCO3)	546	170		PAL (Indicator)
	Specific conductance-field (umhos/cm @ 25c)	1232	320		PAL (Indicator)
DH-35	Hardness, total, filtered (mg/l as CaCO3)	237	210		PAL (Indicator)
DH-35A	Iron, dissolved (mg/l as Fe)	3.04	0.15	1	ES (ACL)
DH-39	Specific conductance-field (umhos/cm @ 25c)	762	330		PAL (Indicator)
DH-52	Nitrite + nitrate, dis. (mg/l as N)	4.8	2	10	PAL
DH-53	Benzene (ug/l)	4.6	0.5	5	PAL
	Boron, dissolved (mg/l as B)	0.3	0.2	1	PAL

Groundwater Results with Estimated Concentration Above an NR 140 PAL or ES and Below the LOQ

Note: Results below the limit of quantitation are not considered a PAL or ES exceedance under NR 140.14(3)(c).

Well	Parameter	Result	PAL	ES
None				

Notes:
PAL = Preventive Action Limit
ES = Enforcement Standard
LOQ = Limit of Quantitation
J = Result is an estimated value below the laboratory's limit of quantitation.
ug/l = micrograms per liter

Prepared by: MOB 6/11/14
Checked by: BJS 6/18/14

State of Wisconsin
Department of Natural Resources

Environmental Monitoring Data Certification

Form 4400-231(R 1/04)

Notice: Personally identifiable information collected will be used for program administration and enforcement purposes. The Department may also provide this information to requesters as required under Wisconsin's Open Records law, ss. 19.31 to 19.39, Wis. Stats.
When submitting monitoring data, the owner or operator of the facility, practice or activity is required to notify the Department in writing that a groundwater standard or an explosive gas level has been attained or exceeded, as specified in ss. NR 140.24(1)(a); NR 140.26(1)(a); NR 507.30NR 635.14(9)(a); NR 635.18(20) and NR 507.30, Wis. Adm. Code. Failure to report may result in fines, forfeitures or other penalties resulting from enforcement under ss. 289.97, 291.97 or 299.95, Wis. Stats.

Instructions:

- **Prepare one form for each license or monitoring ID.**
- **Please type or print legibly.**
- Attach a notification of any values that attain or exceed groundwater standards (that is, preventive action limits, enforcement standards or alternative concentration limits). The notification must include a preliminary analysis of the cause and significance of each value.
- Attach a notification of any gas values that attain or exceed explosive gas levels.
- Send the original signed form, any notification, and Electronic Data Deliverable [EDD] to: GEMS Data Submittal Contact - WA/3
  Bureau of Waste Management
  Wisconsin Department of Natural Resources
  101 South Webster Street
  Madison WI 53707-7921

Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

SCS Engineers

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Mari Bull, Project Administrator Phone: (830) 644-2130

E-mail: mbull@scsengineers.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
Advanced Disposal Services, Seven-Mile Creek Landfill - Sector 2	3097	618045450	2014: April 7-8 & 10-11

The enclosed results are for sampling required in the month(s) of: (e.g., June 2003)

April 2014

Type of Data Submitted (Check all that apply)

- [x] Groundwater monitoring data from monitoring wells
- [x] Groundwater monitoring data from private water supply wells
- [x] Leachate monitoring data
- [ ] Gas monitoring data
- [ ] Air monitoring data
- [x] Other (specify) Lysimeters, surface water

Notification attached?

- [ ] No. No groundwater standards or explosive gas limits were exceeded.
- [x] Yes, a notification of values exceeding a groundwater standard is attached. It includes a list of monitoring points, dates, sample values, groundwater standard and preliminary analysis of the cause and significance of any concentration.
- [ ] Yes, a notification of values exceeding an explosive gas limit is attached. It includes the monitoring points, dates, sample values and explosive gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards.

Sherren Clark, SCS Engineers	Project Manager	(608) 216-7323
Facility Representative Name (Print)	Title	(Area Code) Telephone No.

Signature 6-30-14 Date

FOR DNR USE ONLY. Check action taken, and record date and your initials. Describe on back side if necessary.

- [ ] **Found uploading problems on** _____ **Initials** _____
- [ ] **Notified contact of problems on** _____ **Uploaded data successfully on** _____

EDD format(s): [ ] **Diskette** [ ] **CD (initial submittal and follow-up)** [ ] **E-mail (follow-up only)** **Other** _____

Environmental Consultants
and Contractors

2830 Dairy Drive
Madison, WI 53718-6751

608 224-2830
FAX 608 224-2839
www.scsengineers.com

SCS ENGINEERS

December 31, 2014
File No. 25214027.00

GEMS Data Submittal Contact – WA/5
Wisconsin Department of Natural Resources
Bureau of Waste Management
P.O. Box 7921
Madison, WI 53707-7921

Subject: Environmental Monitoring Data Submittal – October 2014
Advanced Disposal Services Seven Mile Creek Landfill – Sector 1
Eau Claire, Wisconsin
WDNR License No. 2821
FID No. 618009260

Dear GEMS Data Submittal Contact:

On behalf of Advanced Disposal Services, SCS Engineers is submitting environmental monitoring results for October 2014 for the Seven Mile Creek Landfill – Sector 1. This submittal includes the electronic data file of the monitoring results on a compact disk (CD), the Environmental Monitoring Data Certification form, and a summary of parameters detected at values above NR 140 Groundwater Quality Standards, well-specific preventive action limits (PALs), or alternative concentration limits (ACLs) (**Table 1**).

Included in this submittal are the analytical results and associated field data for groundwater monitoring wells (DH-01, DH-4R, DH-42 and DH-42A). Additional environmental monitoring field data are being submitted separately by Environmental Sampling Corporation.

Field monitoring was performed by Short, Elliot, Hendrickson, Inc., (SEH) of Chippewa Falls, Wisconsin on October 16 and 27, 2014. Laboratory analysis was performed by Pace Analytical Services of Green Bay, Wisconsin.

This letter provides the following information:

- List of NR 140 groundwater standard exceedances and a preliminary analysis of the cause and significance of the exceedances
- Explanation of any deviations from the approved sampling plan

NR 140 GROUNDWATER STANDARD EXCEEDANCES

Groundwater monitoring data were compared to the NR 140 Groundwater Quality Standards for parameters that have established PALs and Enforcement Standards (ESs). The results were also

compared to well-specific PALs and ACLs approved for DH-01 and DH-04R, which are the wells that are also in the Seven Mile Creek Landfill Sector 2 monitoring program. There are no well-specific PALs and ACLs approved for the remainder of the wells in the Seven Mile Creek Landfill Sector 1 monitoring program.

Table 1 summarizes the constituents that were detected at concentrations above a PAL or ES. The only standard exceeded was for iron which is not a required parameter for Seven Mile Creek Landfill Sector 1. Iron was eliminated from the sampling plan by the Plan Modification Approval for Groundwater Monitoring Reductions, Seven Mile Creek Landfill – Sector 1, dated December 18, 2007, and had not been included in the monitoring since 2007, until 2013 and 2014 when it was analyzed in samples from several wells, apparently in error. Iron will not be included in future monitoring, in accordance with the 2007 monitoring plan.

Iron is a required parameter at DH-01and DH-4R in the Seven Mile Creek Landfill Sector 2 monitoring program, and the electronic data was also included in the Sector 2 submittal along with an explanation of the significance of the exceedance at DH-01.

The cause and significance of the October 2014 standard exceedances are discussed below.

- **Iron at DH-01** – Iron was detected at a concentration of 36.2 mg/L in the groundwater sample collected from well DH-01 in October 2014. This well is located upgradient of the landfill and there have been numerous exceedances for iron at DH-01since 1994, when the well was first sampled. Beginning in about 2007, iron concentrations increased, and have been similar since 2007 through April 2014. Iron occurs naturally in the aquifer; however, the well is constructed with a galvanized steel mesh screen, as noted in the 2003 Feasibility Study for the horizontal expansion of Sector 2, and may not provide reliable monitoring data for iron and related parameters. Other newer wells in the same general area, including DH-39 and DH-40, do not show elevated iron concentrations. Well DH-01 is located in the approved footprint of the landfill and will be abandoned as facility construction dictates.

- **Iron at DH-42, and DH-42A** – Iron was detected at concentrations exceeding the ES in the groundwater sample collected from these wells in October 2014. The wells are located side gradient of the landfill, and the iron detected is likely naturally occurring.

In accordance with the approved monitoring program, only four monitoring wells (DH-01, DH-4R, DH-42 and DH-42A) were sampled, and no VOC analysis was performed. The next round of monitoring for the full monitoring network, including VOC analysis, will be in April 2015.

MONITORING PROGRAM COMMENTS

The monitoring was performed in accordance with the monitoring plan approved by the Wisconsin Department of Natural Resources in the Plan Modification Approval for Groundwater

Monitoring Reductions, Seven Mile Creek Landfill – Sector 1, dated December 18, 2007, with the exception of the inclusion of iron as noted above. There were no other deviations from the approved monitoring plan for the monitoring results reported in this submittal.

If you have any questions regarding the information included in this submittal, please call us at 608-224-2830.

Sincerely,

Sherren Clark, PE, PG
Project Director
SCS ENGINEERS

Betty J. Socha, PG, PhD
Senior Project Manager
SCS ENGINEERS

BJS/jsn/SCC

Enclosures: Table 1 – NR 140 Exceedance Summary
Groundwater Monitoring Data Certification Form
GEMS Data CD

cc: Tim Curry, Advanced Disposal Services (e-copy only)
Mark Vinall, ADS Seven Mile Creek Landfill (2 copies of letter, 1 CD)
Frank Perugini, Environmental Sampling Corp. (w/o CD)
Brian Kent, SEH, Inc., (e-copy only)

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Table 1
NR 140 Exceedance Summary

Site ID: 02821
Site Name: ADS Seven Mile Creek Landfill - Sector 1
Reporting Period: October 2014

Groundwater Results Exceeding NR 140 Standards

Well	Parameter	Result	PAL	ES	Exceedance Type
DH-01	Iron, dissolved (mg/l as Fe)	36.2	0.15	0.3	ES
DH-42	Iron, dissolved (mg/l as Fe)	17.2	0.15	0.3	ES
DH-42A	Iron, dissolved (mg/l as Fe)	14.4	0.15	0.3	ES

Groundwater Results with Estimated Concentration Above an NR 140 PAL or ES and Below the LOQ

Note: Results below the limit of quantitation are not considered a PAL or ES exceedance under NR 140.14(3)(c).

Well	Parameter	Result	PAL	ES
None found				

Notes:
PAL = Preventive Action Limit
ES = Enforcement Standard
LOQ = Limit of Quantitation

Prepared by: MOB 12/29/14
Checked by: BJS 12/29/14

State of Wisconsin
Department of Natural Resources

Environmental Monitoring Data Certification

Form 4400-231(R 1/04)

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When submitting monitoring data, the owner or operator of the facility, practice or activity is required to notify the Department in writing that a groundwater standard or an explosive gas level has been attained or exceeded, as specified in ss. NR 140.24(1)(a); NR 140.26(1)(a); NR 507.30NR 635.14(9)(a); NR 635.18(20) and NR 507.30, Wis. Adm. Code. Failure to report may result in fines, forfeitures or other penalties resulting from enforcement under ss. 289.97, 291.97 or 299.95, Wis. Stats.

Instructions:

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- **Please type or print legibly.**
- Attach a notification of any values that attain or exceed groundwater standards (that is, preventive action limits, enforcement standards or alternative concentration limits). The notification must include a preliminary analysis of the cause and significance of each value.
- Attach a notification of any gas values that attain or exceed explosive gas levels.
- Send the original signed form, any notification, and Electronic Data Deliverable [EDD] to: GEMS Data Submittal Contact - WA/3
  Bureau of Waste Management
  Wisconsin Department of Natural Resources
  101 South Webster Street
  Madison WI 53707-7921

Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

SCS Engineers

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Mari Bull, Data Management Spec Phone: (830) 644-2130

E-mail: mbull@scsengineers.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
Advanced Disposal Services Seven-Mile Creek Landfill - Sector 1	02821	618009260	October 16 & 27, 2014

The enclosed results are for sampling required in the month(s) of: (e.g., June 2003)

October 2014

Type of Data Submitted (Check all that apply)

- [x] Groundwater monitoring data from monitoring wells
- [ ] Groundwater monitoring data from private water supply wells
- [ ] Leachate monitoring data
- [ ] Gas monitoring data
- [ ] Air monitoring data
- [ ] Other (specify)

Notification attached?

- [ ] No. No groundwater standards or explosive gas limits were exceeded.
- [x] Yes, a notification of values exceeding a groundwater standard is attached. It includes a list of monitoring points, dates, sample values, groundwater standard and preliminary analysis of the cause and significance of any concentration.
- [ ] Yes, a notification of values exceeding an explosive gas limit is attached. It includes the monitoring points, dates, sample values and explosive gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards.

Sherren Clark, SCS Engineers	Project Manager	(608) 216-7323
Facility Representative Name (Print)	Title	(Area Code) Telephone No.

SL CL

Signature

12-30-14

Date

FOR DNR USE ONLY. Check action taken, and record date and your initials. Describe on back side if necessary.

- [ ] **Found uploading problems on** _____ **Initials** _____
- [ ] **Notified contact of problems on** _____ **Uploaded data successfully on** _____

EDD format(s): [ ] **Diskette** [ ] **CD (initial submittal and follow-up)** [ ] **E-mail (follow-up only)** **Other** _____

Environmental Consultants
and Contractors

2830 Dairy Drive
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FAX 608 224-2839
www.scsengineers.com

SCS ENGINEERS

January 6, 2014
File No. 25214011.00

GEMS Data Submittal Contact – WA/5
Wisconsin Department of Natural Resources
Bureau of Waste Management
P.O. Box 7921
Madison, WI 53707-7921

Subject: Environmental Monitoring Data Submittal – October 2014
Advanced Disposal Services Seven Mile Creek Landfill – Sector 2
Eau Claire, Wisconsin
WDNR License No. 3097
FID No. 618045450

Dear GEMS Data Submittal Contact:

On behalf of Advanced Disposal Services, SCS Engineers is submitting environmental monitoring results for October 2014 for the Seven Mile Creek Landfill – Sector 2. This submittal includes the electronic data file of the monitoring results on a compact disk (CD), the Environmental Monitoring Data Certification form, and a summary of parameters detected at values above NR 140 Groundwater Quality Standards, well-specific preventive action limits (PALs), or alternative concentration limits (ACLs) (**Table 1**).

Included in this submittal are the analytical results and associated field data for the following monitoring points:

- Groundwater monitoring wells (DH-01, DH-04R, and DH-18 through DH-53)
- Private supply wells (PW-28 and PW-29)
- Surface water (STREAM-1, STREAM-2, and STREAM-3)
- Lysimeters (L-1A, L-2, L-3, and L-4)
- Leachate sample point (LEACHATE TANK (LE-2))

A hard copy of the analytical results for the private supply well samples was submitted to Ms. Sarah Shiel of the Wisconsin Department of Natural Resources (WDNR) on November 26, 2014. Additional environmental monitoring field data are being submitted separately by Environmental Sampling Corporation.

Field monitoring was performed by Short, Elliot, Hendrickson, Inc., of Chippewa Falls, Wisconsin, on October 13-17, and on October 27, 2014. Laboratory analysis was performed by Pace Analytical Services of Green Bay, Wisconsin.

This letter provides the following information:

- List of NR 140 groundwater standard exceedances and a preliminary analysis of the cause and significance of the exceedances
- Explanation of any deviations from the approved sampling plan

NR 140 GROUNDWATER STANDARD EXCEEDANCES

Groundwater monitoring data were compared to the NR 140 Groundwater Quality Standards for parameters that have established PALs and Enforcement Standards (ESs), and to well-specific PALs and ACLs. DH-01 and DH-04R are wells that are also in the monitoring program for Seven Mile Creek Landfill Sector 1.

In accordance with the approved monitoring program, only the four Subtitle D monitoring wells (DH-18, DH-18B, DH-35, and DH-46) were sampled for volatile organic compounds (VOCs) in October. The next round of VOC monitoring for the full monitoring network will be in April 2015.

Table 1 summarizes the constituents that were detected at concentrations above a PAL or ES. The cause and significance of the October 2014 standard exceedances are discussed below.

Public Health Parameters

Nitrate at DH-52 – Nitrate was detected at a concentration of 4.3 mg/L at upgradient well DH-52 in October 2014. The result is consistent with previous results for this well, and also with site-wide background results. In the 2005 Plan of Operation approval, ACLs for nitrate were approved for 10 monitoring wells at concentrations ranging from 3 to 10 mg/L. The widespread nitrate impacts including the PAL exceedance at DH-52 are likely the result of agricultural land uses in the area.

Public Welfare and Indicator Parameters

Iron at DH-01 – Iron was detected at a concentration of 36.2 mg/L in the groundwater sample collected from well DH-01 in October 2014. This well is located upgradient of the landfill and there have been numerous exceedances for iron at DH-01since 1994, when the well was first sampled. Beginning in about 2007, iron concentrations increased, peaking at 77.9 mg/l in April 2011. Since then concentrations have been lower but highly variable. Iron occurs naturally in the aquifer; however, the well is constructed with a galvanized steel mesh screen, as noted in the 2003 Feasibility Study for the horizontal expansion of Sector 2, and may not provide reliable monitoring data for iron and related parameters. Other newer wells in the same general area, including DH-39 and DH-40, do not show elevated iron concentrations. Well DH-01 is located in the approved footprint of the landfill and will be abandoned as facility construction dictates.

Iron at DH-35A, **DH-52, and DH-53** –In the sample from DH-35A, the reported iron concentration exceeded the well-specific ACL of 1 mg/L. The results for DH-35A are consistent with recent previous results. Iron followed a long-term increasing trend at this well from the early 1990s to 2010, but appears to have leveled off since then. Well DH-35A is located between the two Sectors of SMCL and near the closed Town of Seymour Landfill.

Iron was also detected at concentrations exceeding the ES in the groundwater samples collected at DH-52 and DH-53 in October 2014. This is the second ES exceedance for iron at these wells (the ES for iron was also exceeded in October 2013), and the cause and significance will be evaluated further if it is confirmed in subsequent sampling. These two wells are located upgradient of the landfill. The iron detected at these wells likely does not indicate impacts from the Sector 2 landfill, but continued monitoring will allow further evaluation of the groundwater conditions in these areas.

Specific Conductance, Alkalinity, and Hardness at DH-34 – The PALs for these parameters were exceeded in samples from DH-34 in October 2014. Results for these parameters increased beginning in late 2010 or early 2011 and have been variable but higher than pre-2010 values since then. The well is located between Sector 2 and the closed Town of Seymour Landfill.

Specific Conductance and Hardness at DH-35 – The PALs for specific conductance and hardness were exceeded in samples from DH-35 in October 2014. This is the second PAL exceedance for these parameters at this well, and the cause and significance will be evaluated further if it is confirmed in subsequent sampling. The well is located between the two Sectors of SMCL and near the closed Town of Seymour Landfill.

MONITORING PLAN COMMENTS

The monitoring was performed in accordance with the monitoring plan approved by the Wisconsin Department of Natural Resources in the April 19, 2005 Conditional Plan of Operation for the Proposed Horizontal and Vertical Expansion of the Onyx Seven Mile Creek Sector 2 Landfill and the July 19, 2007 Organic Stability Plan Approval, with the exceptions noted below.

Additional wells DH-52 and DH-53 – These wells were installed in 2005 and are not listed on the approved monitoring plans. Starting in 2006, they have been sampled semi-annually according to the approved monitoring protocol for groundwater monitoring wells with annual sampling for VOCs. The wells have also been monitored for baseline parameters starting in 2006. The baseline data will be evaluated for appropriateness for calculating PALs and ACLs for the wells. Monitoring for baseline parameters will continue if additional data is needed.

VOC sampling and liquid elevations at lysimeters – Annual sampling for VOCs was inadvertently missed in April 2014, and was not included in the October 2014 sampling event as stated in the cover letter for the April GEMS submittal. VOC sampling at the lysimeters will be

conducted in the April sampling events hereafter. Liquid depths, measured at L-1A, L-2, L-3, and L-4, are reported for October 2014. Liquid elevations are not reported, because the top-of-casing elevations are unavailable. The elevations will be resurveyed prior to the next semiannual monitoring event.

Leachate sampling point – The approved monitoring plan lists the leachate collection point as the "Sector 2 Lift Station" with point identification #430. However, leachate is not sampled at the lift station, but is sampled at the Sector 2 aboveground leachate tank (reported as LE-2, with point identification #425). The leachate tank, rather than the lift station, has been the sampling point for leachate since 2010.

There were no other deviations from the approved monitoring plan for the monitoring results reported in this submittal.

If you have any questions regarding the information included in this submittal, please call us at 608-224-2830.

Sincerely,

Sherren Clark, PE, PG
Project Director
SCS ENGINEERS

Betty J. Socha, PG, PhD
Senior Project Manager
SCS ENGINEERS

BJS/jsn/SCC

Enclosures: Table 1 – NR 140 Exceedance Summary
Groundwater Monitoring Data Certification Form
GEMS Data CD

cc: Tim Curry, Advanced Disposal Services (e-copy only)
Mark Vinall, ADS Seven Mile Creek Landfill (2 copies of letter, 1 CD)
Frank Perugini, Environmental Sampling Corp. (w/o CD)
Brian Kent, SEH, Inc., (e-copy only)
John Oswald, Cornerstone Environmental Group (e-copy only)

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Table 1
NR 140 Exceedance Summary

Site ID: **3097**
Site Name: **Seven-Mile Creek Landfill - Sector 2**
Reporting Period: **October 2014**

Groundwater Results Exceeding NR 140 Standards

Well	Parameter	Result	PAL	ES	Exceedance Type
DH-01	Iron, dissolved (mg/l as Fe)	36.2	0.15	0.3	ES
DH-18B	Specific conductance-field (umhos/cm @ 25c)	436	270		PAL (Indicator)
DH-34	Alkalinity, total filtered (mg/l as CaCO3)	165	120		PAL (Indicator)
	Hardness, total, filtered (mg/l as CaCO3)	184	170		PAL (Indicator)
	Specific conductance-field (umhos/cm @ 25c)	533	320		PAL (Indicator)
DH-35	Hardness, total, filtered (mg/l as CaCO3)	230	210		PAL (Indicator)
	Specific conductance-field (umhos/cm @ 25c)	534	380		PAL (Indicator)
DH-35A	Iron, dissolved (mg/l as Fe)	3.15	1	1	ES (ACL)
DH-52	Iron, dissolved (mg/l as Fe)	0.371	0.15	0.3	ES
	Nitrite + nitrate, dis. (mg/l as N)	4.3	2	10	PAL
DH-53	Iron, dissolved (mg/l as Fe)	0.834	0.15	0.3	ES

Groundwater Results with Estimated Concentration Above an NR 140 PAL or ES and Below the LOQ

Note: Results below the limit of quantitation are not considered a PAL or ES exceedance under NR 140.14(3)(c).

Well	Parameter	Result	PAL	ES
None				

Notes:
PAL = Preventive Action Limit
ES = Enforcement Standard
LOQ = Limit of Quantitation
mg/l = milligrams per liter

Prepared by: MOB 12/19/14
Checked by: BJS 12/24/14

State of Wisconsin
Department of Natural Resources

Environmental Monitoring Data Certification

Form 4400-231(R 1/04)

Notice: Personally identifiable information collected will be used for program administration and enforcement purposes. The Department may also provide this information to requesters as required under Wisconsin's Open Records law, ss. 19.31 to 19.39, Wis. Stats.
When submitting monitoring data, the owner or operator of the facility, practice or activity is required to notify the Department in writing that a groundwater standard or an explosive gas level has been attained or exceeded, as specified in ss. NR 140.24(1)(a); NR 140.26(1)(a); NR 507.30NR 635.14(9)(a); NR 635.18(20) and NR 507.30, Wis. Adm. Code. Failure to report may result in fines, forfeitures or other penalties resulting from enforcement under ss. 289.97, 291.97 or 299.95, Wis. Stats.

Instructions:

- **Prepare one form for each license or monitoring ID.**
- **Please type or print legibly.**
- Attach a notification of any values that attain or exceed groundwater standards (that is, preventive action limits, enforcement standards or alternative concentration limits). The notification must include a preliminary analysis of the cause and significance of each value.
- Attach a notification of any gas values that attain or exceed explosive gas levels.
- Send the original signed form, any notification, and Electronic Data Deliverable [EDD] to: GEMS Data Submittal Contact - WA/3
  Bureau of Waste Management
  Wisconsin Department of Natural Resources
  101 South Webster Street
  Madison WI 53707-7921

Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

SCS Engineers

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Mari Bull, Project Administrator Phone: (830) 644-2130

E-mail: mbull@scsengineers.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
Advanced Disposal Services, Seven-Mile Creek Landfill - Sector 2	3097	618045450	October 13-17, 2014; October 27, 2014

The enclosed results are for sampling required in the month(s) of: (e.g., June 2003)

October 2014

Type of Data Submitted (Check all that apply)

- [x] Groundwater monitoring data from monitoring wells
- [x] Groundwater monitoring data from private water supply wells
- [x] Leachate monitoring data
- [ ] Gas monitoring data
- [ ] Air monitoring data
- [x] Other (specify) Lysimeters, surface water

Notification attached?

- [ ] No. No groundwater standards or explosive gas limits were exceeded.
- [x] Yes, a notification of values exceeding a groundwater standard is attached. It includes a list of monitoring points, dates, sample values, groundwater standard and preliminary analysis of the cause and significance of any concentration.
- [ ] Yes, a notification of values exceeding an explosive gas limit is attached. It includes the monitoring points, dates, sample values and explosive gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards.

Sherren Clark, SCS Engineers	Project Manager	(608) 216-7323
Facility Representative Name (Print)	Title	(Area Code) Telephone No.

Signature

12-30-14
Date

FOR DNR USE ONLY. Check action taken, and record date and your initials. Describe on back side if necessary.

- [ ] **Found uploading problems on** _____ **Initials** _____
- [ ] **Notified contact of problems on** _____ **Uploaded data successfully on** _____

EDD format(s): [ ] **Diskette** [ ] **CD (initial submittal and follow-up)** [ ] **E-mail (follow-up only)** **Other** _____

2015 Annual Report

Advanced Disposal Services
Seven Mile Creek Landfill
Eau Claire County, Wisconsin

Sector 1: WDNR License #02821
Sector 2: WDNR License #03097

Prepared for:
Advanced Disposal Services
Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire, WI 54703

Prepared by:
Environmental Sampling Corporation
P.O. Box 12
Muskego, WI 53150

July 2016

Advanced Disposal

July 29 2016

Mr. Marty Herrick
Wisconsin Department of Natural Resources
3550 Mormon Coulee Road
La Crosse, WI 54601

Re: Advanced Disposal Services Seven Mile Creek Landfill
Sector 1: License #02821, Sector 2: License #03097
Eau Claire County, Wisconsin
2015 Annual Report

Dear Mr. Herrick:

With this letter, Advanced Disposal Services Seven Mile Creek Landfill is submitting two copies of the 2015 Annual Report. The report is submitted pursuant to the "Report on the Plans and Specifications for A Sanitary Landfill to be Owned and Licensed by the City of Eau Claire (Seven Mile Creek Landfill)", issued by the Wisconsin Department of Natural Resources (WDNR) on July 31, 1978 and other subsequent approvals issued for both Sector 1 and Sector 2 Landfills.

The format for this annual report presents applicable site approval conditions followed by responses that address the requested information and data. We believe this method provides for accurate tracking of reporting requirements from year to year.

If you have any questions regarding this submittal, please call Frank Perugini, Environmental Sampling Corporation at (414) 427-5033 or the undersigned at (715) 839-9553. Thank you.

Sincerely,

Mark Vinall
Area Manager
Advanced Disposal Services Seven Mile Creek Landfill

Enclosure: 2015 Annual Report

cc: Jill Schoen: WDNR – Eau Claire
Tim Curry: ADS-Midwest (electronic copy)
Kari Rabideau: ADS-Midwest (electronic copy)
Mike Niewind: ADS-Midwest (electronic copy)
Joshua Malek: ADS-SMCL (electronic copy)
ADS-SMCL File Copy
Tyler Field: Cornerstone Environmental Group (hard copy, electronic copy)
John Oswald: Cornerstone Environmental Group (electronic copy)
Dan Roche: Cornerstone Environmental Group (electronic copy)
Sherren Clark: SCS Engineers (electronic copy)
Frank Perugini: ESC

2015 ANNUAL REPORT
ADVANCED DISPOSAL SERVICES
SEVEN MILE CREEK LANDFILL
SECTOR 1: LICENSE #02821 / SECTOR 2: LICENSE #03097
EAU CLAIRE COUNTY, WISCONSIN

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Table A-2: Downtime Summary

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- Exceedance at Wells greater than 45 Days and Request for Alternate Operating Standards-3 Month Extension, dated February 25, 2015
- Gas Extraction Wells SEC2MH08, SEC2MH09, SEC2MH10, SEC2MH11, SEC2MH12, and SEC2MH13, dated May 6, 2015
- Gas Extraction Well S2P04OC2, dated May 13, 2015
- Alternative Timeline Request, dated June 16, 2015
- Abandonment Requests, dated July 13, 2015
- Oxygen Levels at Leachate Cleanouts, Recirculation Lines and Manholes, dated September 25, 2015
- Request for Alternate Operating Standards, dated September 30, 2015
- No Objection to Expedited Plan Modification to use sediment from Eau Claire Wastewater Treatment Plan remediation project as Alternate Daily Cover at the Advanced Disposal Seven Mile-Creek Landfill, LLC, dated December 3,2015

Attachment A-3: Gas Probe Monitoring Data

2015 ANNUAL REPORT
ADVANCED DISPOSAL SERVICES
SEVEN MILE CREEK LANDFILL
SECTOR 1: LICENSE #02821 / SECTOR 2: LICENSE #03097
EAU CLAIRE COUNTY, WISCONSIN

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2015 ANNUAL REPORT
ADVANCED DISPOSAL SERVICES
SEVEN MILE CREEK LANDFILL
SECTOR 1: LICENSE #02821 / SECTOR 2: LICENSE #03097
EAU CLAIRE COUNTY, WISCONSIN

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2015 ANNUAL REPORT
ADVANCED DISPOSAL SERVICES
SEVEN MILE CREEK LANDFILL
SECTOR 1: LICENSE #02821 / SECTOR 2: LICENSE #03097
EAU CLAIRE COUNTY, WISCONSIN

1.0 INTRODUCTION

Advanced Disposal Services Seven Mile Creek Landfill (ADS-SMCL) operates a municipal solid waste landfill located in SE ¼ of Section 8 and the SW ¼ of Section 9, Township 27 N, Range 8 W, City of Eau Claire, Eau Claire County, Wisconsin. This facility was previously known as Veolia ES Seven Mile Creek Landfill and Onyx Seven Mile Creek Landfill. The ADS-SMCL facility includes a closed landfill identified as Sector 1 (license #02821) and an active landfill identified as Sector 2 (license # 03097) located north and northeast of the closed Sector 1 landfill.

During 2015, the ADS-SMCL facility was operating in accordance with the Conditional Plan of Operation Approval issued by the Wisconsin Department of Natural Resources (WDNR) on April 19, 2005 and applicable prior and subsequent approvals. ADS-SMCL and Environmental Sampling Corporation (ESC) personnel have reviewed pertinent WDNR approval conditions to determine the necessary annual report contents. The approval references are presented below in bold italic font followed by ADS-SMCL's response in normal font. Also included with this annual report are the reporting requirements for the facility's Source Separated Compostable Material Facility (license #04426). This facility is currently operating in accordance with the February 22, 2013 Approval.

The annual report information is provided in the following sections titled: Landfill Operations and Compostable Material Facility Operations.

2.0 LANDFILL OPERATIONS

Approval Reference
July 31, 1978
Report on the Plans and Specifications for A Sanitary Landfill to be Owned and Licensed by the City of Eau Claire (Seven Mile Creek Landfill)

38. Annually three copies of the report reviewing the operation of this site and discussing the environmental effectiveness, the operational problems experienced, any proposed changes in the operation, groundwater quality results and any written analysis thereof, etc. shall be submitted to the Departments beginning one year after the date of this approval. A copy of this report shall be submitted to the West Central District office and two copies shall be sent to the Bureau of Waste Management in Madison.

Response
To meet this requirement ADS-SMCL is providing the WDNR with this annual report, which discusses the facility activities from the previous calendar year. As required by this approval condition, environmental effectiveness, operational problems, proposed changes, and groundwater quality are addressed in this report in response to approval conditions outlined in the remainder of the report. A copy of this annual report was sent to Jill Schoen at the West Central District Office in Eau Claire, Wisconsin. Two copies of this annual report were provided to Marty Herrick at the WDNR Service Center in La Crosse, Wisconsin in lieu of sending the reports to the Bureau of Waste Management in Madison.

Approval Reference
July 30, 1990
Modification to the Plan of Operation Approval, Gas Extraction System, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

11. The following monitoring and reporting shall be performed on the active gas extraction system, and the results shall be submitted to the Bureau of Solid and Hazardous Waste Management on a quarterly basis.

a. Vacuum applied at each well – recorded monthly.
b. Average gas extraction flow rate at the building inlet plus methane and oxygen concentrations – recorded monthly.
c. Gas composition, concentration of methane and oxygen at each well – recorded monthly.

Response
The gas extraction wells located in Sector 1 and Sector 2 are monitored monthly at a minimum. Monthly monitoring includes landfill gas quality and vacuum applied at each well, as required by conditions 11.a. and 11.c. Gas blower quality and gas flow rate are recorded at least monthly and fulfill the monitoring requirements specified in 11.b. The Gas Extraction Report (**Attachment A-1**, Appendix A) provides a summary of the gas blower and gas extraction well monitoring conducted during 2015. A summary of the

average monthly gas extraction flow rates, required by condition 11.b is provided in the 2015 Gas Volume Summary provided as **Table A-1** in Appendix A.

The 2015 monthly gas monitoring data was provided to the WDNR Bureau of Solid and Hazardous Waste Management on a quarterly basis with the Groundwater and Environmental Monitoring System (GEMS) data submissions. The gas extraction system monitoring data was also provided to the WDNR Air Management Bureau on a semi-annual basis with the air pollution control operation permit reports.

Approval Reference
July 30, 1990
Modification to the Plan of Operation Approval, Gas Extraction System, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

11. The following monitoring and reporting shall be performed on the active gas extraction system, and the results shall be submitted to the Bureau of Solid and Hazardous Waste Management on a quarterly basis.

d. Volume of condensate collected.

Response
The gas condensate generated at the facility is disposed of in the leachate collection system by means of a gravity drain system. Gas condensate volumes generated are included in the total leachate volume produced at the facility. The facility does not have a means of monitoring the volume of gas condensate produced. The Department formally removed this monitoring requirement with the issuance of the December 13, 1990 Facility Closure Documentation Approval and Plan Modification Approval for Sector 1.

Approval Reference
July 30, 1990
Modification to the Plan of Operation Approval, Gas Extraction System, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

11. The following monitoring and reporting shall be performed on the active gas extraction system, and the results shall be submitted to the Bureau of Solid and Hazardous Waste Management on a quarterly basis.

e. Priority pollutant analysis on a sample of condensate – tested annually.

The gas condensate generated at the facility is disposed of in the leachate collection system by means of a gravity drain system. The facility does not have the means to conduct a discrete gas condensate sample. No annual gas condensate sample could be collected for priority pollutant analysis.

Since the gas condensate is comingled with the leachate, a summary of the laboratory analyses conducted on the Sector 1 leachate samples collected during 2015 is provided as **Attachment B-1** in Appendix B. A priority pollutant scan required by the wastewater treatment plant was performed in April 2015. Additional analyses required by the wastewater treatment plant, beyond those required by the solid

waste permit are also included in the summary. Laboratory analytical data for the annual sample collected in April 2015 was provided to the WDNR in the Sector 1 Monitoring Report and GEMS submission prepared by SCS Engineers and dated June 30, 2015.

Approval Reference
July 30, 1990
Modification to the Plan of Operation Approval, Gas Extraction System, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

11. The following monitoring and reporting shall be performed on the active gas extraction system, and the results shall be submitted to the Bureau of Solid and Hazardous Waste Management on a quarterly basis.

f. Air pressure test of the condensate system, to test the system for leakage on an annual basis.

Response
This monitoring requirement was eliminated with the issuance of the February 9, 1999 Acknowledgement of Expedited Plan Modification Request, Superior Seven Mile Creek Landfill, Sector 1. License No. 2821.

The condensate system is located on natural soil or engineered fill outside the limits of waste of the Sector 1 landfill therefore is unaffected by waste settlement. The prior annual air pressure test of the condensate system had revealed no problems with leakage.

Approval Reference
July 30, 1990
Modification to the Plan of Operation Approval, Gas Extraction System, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

11. The following monitoring and reporting shall be performed on the active gas extraction system, and the results shall be submitted to the Bureau of Solid and Hazardous Waste Management on a quarterly basis.

g. Summary of the gas collection system operations indicating all down time, problems, etc., and proposed solutions.

Response
The gas extraction system at the facility includes one blower/flare and a landfill gas to energy plant which collects and combusts landfill gas generated from both Sector 1 and Sector 2. The blower/flare for the entire gas system (Sector 1 and Sector 2) operated with 99.5% efficiency during 2015. There were a total of 39.5 hours of downtime during the reporting period. The downtime summary is provided as **Table A-2** in Appendix A.

During the reporting period, ADS-SMCL operated the gas extraction system efficiently with minimal operational issues. Periodically during 2015, select supplemental gas extraction points (i.e. leachate

manholes, leachate cleanouts, and odor control points) exhibited operating conditions that exceeded those specified in the air permit. These conditions were related to declining gas quality and flow or watered out conditions. In several instances, these conditions could not be corrected within the timeframe allowed by the air operating permit and the facility had to perform corrective actions, which included abandonment of the supplemental gas extraction point, or the establishment of alternate operating conditions. All instances were subsequently resolved and did not result in deviations of the Air Pollution Control Operation Permit conditions.

During 2015, the WDNR rescinded alternate operating conditions for oxygen at the facility's leachate cleanouts, recirculation lines, and manholes that had previously been approved by the WDNR on March 15, 2005. The approval had allowed for these supplemental locations to be operated with oxygen concentrations in excess of 5%. Effective September 25, 2015, the leachate cleanouts, recirculation lines, and manholes were managed in accordance with NSPS guidelines based on waste age. There were no compliance issues related to oxygen levels at the supplemental locations during 2015 after the issuance of the September 25, 2015 letter.

A summary of the abandonment, alternate timeline, and alternate operating condition approvals and the rescinded approval issued by the WDNR during 2015 is below. All approvals are provided with this report as **Attachment A-2**, Appendix A.

Approval Date	Description	Affected Monitoring Points
January 27, 2015	Alternate Operating Temperature Approval	S2P08OC4 and S2P08OC7
February 25, 2015	Three-Month Extension of Temporary Alternate Operating Standards	SEC2MH08, SEC2MH09, SEC2MH10, SEC2MH11, SEC2MH12, SEC2MH13, SEC2MH17, SEC2MH18, SEC2MH19
May 6, 2015	Abandonment Approval	SEC2MH08, SEC2MH09, SEC2MH10, SEC2MH11, SEC2MH12, SEC2MH13,
May 13, 2016	Abandonment Approval	S2P04OC2
June 16, 2016	Alternative Timeline Request	S2P08OC4
July 13, 2015	Abandonment Approval	S2P01OC6, S2P02OC1, S2P08OC4, S2P11OC1, S2P11LC1, S2P11LC2, S2P11LC3, S2P11LC4, S2P5LCO1, S2P6LCO1, S2P08LCO1
September 25, 2015	Rescinded Approval for Oxygen Levels at Leachate Cleanouts, Recirculation Lines, and Manholes (March 15, 2005)	Leachate cleanouts, recirculation lines, and manholes located in areas in which waste has been in place for five years or more if active or two years or more if closed or at final grade
September 30, 2015	Alternate Operating Temperature Approval	SC2GW23A, SC2GW36A, S2P01OC2, S2P08OC11

The information required by this permit condition (i.e. 11.g.) was addressed in the semi-annual Air Pollution Control Operation Permit Semi-Annual Data Reports provided to the WDNR Air Management Bureau and also annually to the Bureau of Solid and Hazardous Waste Management with the submission of this annual report. The requirement to provide this data to the Bureau of Solid and Hazardous Waste

Management on a quarterly basis was written when the approval was issued in July 1990, prior to the issuance of the facility's air operation permit.

Approval Reference
December 13, 1990
Facility Closure Documentation Approval and Plan Modification Approval, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

5. The annual reports, as originally required by the Department in the plan of operation approval shall be expanded to include all of the following:

a. Documentation of all site maintenance inspections and documentation of all maintenance work performed on the landfill over the past year.

Response
Maintenance, repairs, and improvements were conducted as needed during 2015 based on visual observations, site personnel and consultant inspections. A summary of these activities and the dates that the work was conducted is provided in the Maintenance and Repairs Summary (**Attachment C-1**, Appendix C).

Monthly inspections were conducted in accordance with the facility's spill prevention plan. Quarterly inspections of the general site conditions, infiltration basins, and structural controls were conducted by site personnel in March, June, September, and October 2015. An Annual Facility Site Compliance Inspection Report was completed in October 2015. Additionally, visual inspections of the wellfield components and visual observations of the landfill cover areas are conducted monthly during the gas system monitoring events. Site inspection forms are provided in **Attachment C-2**, Appendix C. Maintenance or repairs conducted because of issues identified during the inspections and any routine maintenance performed in accordance with the facility's Malfunction Prevention and Abatement Plan were documented in the Maintenance and Repairs Summary (**Attachment C-1**, Appendix C).

There were also inspections of the monitoring components performed in April and October 2015. Documentation is provided in the Monitoring Well, Gas Probe, Lysimeter, and Leachate Head Well Condition Report provided as **Attachment C-3,** Appendix C.

Approval Reference
December 13, 1990
Facility Closure Documentation Approval and Plan Modification Approval, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

5. The annual reports, as originally required by the Department in the plan of operation approval shall be expanded to include all of the following:

b. Summary of the groundwater monitoring results over the past year and a discussion of the need for any changes to the groundwater monitoring program.

Response
Groundwater monitoring was conducted at the facility in April and October 2015. A summary of the Sector 1 and Sector 2 groundwater monitoring results were provided to the Department on a semi-annual basis in the groundwater monitoring reports included as **Attachment D-1** in Appendix D. No modifications of the monitoring program were requested during 2015.

Approval Reference
December 13, 1990
Facility Closure Documentation Approval and Plan Modification Approval, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

5. The annual reports, as originally required by the Department in the plan of operation approval shall be expanded to include all of the following:

c. Summary of the leachate head elevations over the past year and any concern for head build up with in the landfill and the need for any changes to the leachate head monitoring program. Results of the head well assessment required by condition 14 of this approval.

14. Beginning in 1992 and every two years thereafter, the condition of all head wells shall be assessed. This procedure shall include measurements of well depth and comparison to installed depth, and a slug test. The results of these tests shall be included in the annual report.

Response
Head well monitoring is conducted annually at the head wells located in Sector 1 and monthly at the head wells located in Sector 2. Information regarding the Sector 1 and Sector 2 leachate head well monitoring is provided below. The Sector 1 head well assessment required by Condition 14 was conducted in 2014 and provided with the 2014 Annual Report. The next head well assessment is scheduled to be conducted during 2016.

Sector 1 Leachate Head Well Monitoring:
The annual head well monitoring for Sector 1 was conducted in April 2015. A summary of the monitoring data is provided as **Attachment B-2** in Appendix B. Leachate head well LHW-3BR was damaged during a mowing event prior to 2015 and could not be monitored during the annual event in April 2015. Leachate

head well LHW-3BR was repaired and extended in August 2015. An annual liquid level was obtained in October 2015. Documentation is provided in Appendix B, **Attachment B-2**. Leachate head wells LHW-1A, LHW-2A, and LHW-5B were dry during the annual monitoring event. Leachate head wells LHW-1B, LHW-2B, LHW-3A, LHW-4A, LHW-4B, LHW-6A, and LHW-6B had liquid levels that ranged from 1.3 ft. to 4.6 ft. Leachate head well LHW-3BR and LHW-5A had liquid levels that measured 12 ft. and 9.8 ft., respectively. In general, the head levels recorded during the annual event in 2015 were similar to those recorded in 2014.

Section NR 504.06(1) (a) of the Wisconsin Administrative Code requires that composite landfill liners constructed after July 1, 1996 be designed with leachate collection systems capable of limiting the average leachate head to one foot or less during operation and after closure of the landfill. Sector 1 of the facility was constructed prior July 1, 1996 and is therefore not subject to the one-foot requirement. However, the site continues to remove leachate from Sector 1 to minimize head levels.

Sector 2 Leachate Head Well Monitoring:
Sector 2 contains three vertical leachate head wells (VLHW-1A, VLHW-2A, and VLHW-3A) and 14 leachate head wells constructed along the landfill side slopes (LHW-4A, LHW-4B, LHW-5A, LHW-5B, LHW-6A, LHW-6B, LHW-7A, LHW-7B, LHW-8, LHW-9, LHW-10A, LHW-10B, LHW-11, and LHW-12). Vertical head wells were measured with a liquid level indicator tape. Head wells LHW-8, LHW-9, LHW-10A, and LHW-10B were measured with popper devices from January through March 2015. A bubbler system was installed at these head wells prior to the April 2015 event; the bubbler system was used for liquid level measurements at these head wells for the rest of 2015. The remaining side-slope head wells were measured with a bubbler system throughout 2015.

A summary of the monthly leachate head well monitoring results for Sector 2 is provided as **Table B-1** in Appendix B. As indicated in this summary, all liquid level measurements at the leachate head wells constructed along the landfill side slopes (i.e. LHW-4A through LHW-12) indicated dry conditions or less than one-foot of liquid throughout 2015.

The vertical leachate head wells indicated sustained liquid levels greater than one foot at VLHW-1A and VLHW-2A throughout 2015 and at VLHW-3A from August through December 2015. These liquid levels are consistent with historic data. It is suspected that the elevated liquid levels in the vertical leachate head wells do not represent actual leachate depths, and are the result of perched liquid in the waste mass. The recorded elevated heads at these wells may be further affected by measurement difficulties. Liquid within these head wells appears to foam making it difficult for the measuring instrumentation to clearly detect the liquid level. In addition, the internal vacuum within the landfill has been noted to cause leachate to foam and rise inside the vertical wells, generating liquid levels that are not representative of actual conditions.

Cornerstone Environmental Group personnel conducted an assessment of the Sector 2 vertical head wells on September 8, 2015. During this assessment, the head wells were surged and purged and the liquid levels were re-measured to determine whether the liquid levels were a result of clogged well screens or perched leachate around the wells. After surging and purging the head wells, the liquid returned to similar levels in each of the vertical head wells, indicating that the well screens are not clogged, but rather influenced by perched leachate in the area surrounding these head wells.

These vertical leachate head wells (i.e. VLHW-1A, VLHW-2A, and VLHW-3A) were drilled as replacement head wells and were installed to depths that are approximately 10 feet above the landfill liner. As such, measurements made at these head wells do not indicate the presence of liquid on the liner in Phases 1-3 of the facility. It is suspected that these liquid levels indicate perched liquid within the waste mass. The leachate in these Phases of the facility is collected by means of a gravity drain system and there are no sumps to provide an alternate means of liquid level measurement in these Phases. It is anticipated that monthly liquid levels will continue to indicate the presence of perched liquid within these Phases of the facility.

ADS continued to haul leachate off-site throughout 2015. No leachate was recirculated in the phases of the facility that contain vertical leachate head wells (i.e. Phases 1-3). As part of the LFG Improvement Plan conducted during 2014, ADS installed liquid extraction pumps in a number of gas extraction wells to improve gas collection. The facility currently has pumps installed in 40 gas extraction wells. These pumps will also supplement the leachate extraction system at the facility. Additionally, the facility installed a temporary rain tarp to prevent additional stormwater infiltration.

Approval Reference
December 13, 1990
Facility Closure Documentation Approval and Plan Modification Approval, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

5. The annual reports, as originally required by the Department in the plan of operation approval shall be expanded to include all of the following:

d. Summary of the leachate quantity and quality over the past year.

Response
A summary of the leachate volumes pumped from Sector 1 and Sector 2 and recirculated in Sector 2 during 2015 are provided at **Table B-2** in Appendix B. Leachate quality results for the samples collected from Sector 1 and Sector 2 are summarized in **Attachment B-1**, Appendix B.

Approval Reference
December 13, 1990
Facility Closure Documentation Approval and Plan Modification Approval, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

5. The annual reports, as originally required by the Department in the plan of operation approval shall be expanded to include all of the following:

e. Summary of leachate line cleaning over the past year.

Response
The Sector 1 and Sector 2 leachate lines were cleaned by Superior Jetting during 2015. Documentation of the line jetting is provided in **Attachment C-4,** Appendix C.

Superior Jetting conducted the annual line jetting at Sector 1 and Sector 2 from July . Notes indicate that several manholes or cleanouts in Sector 2 could not be located. These locations were removed for Phase 11 and Phase 12 cell construction. Documentation of the jetting and cleaning performed by Superior Jetting during 2015 is provided as **Attachment C-4**, Appendix C.

Approval Reference
December 13, 1990
Facility Closure Documentation Approval and Plan Modification Approval, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

5. The annual reports, as originally required by the Department in the plan of operation approval shall be expanded to include all of the following:

f. Summary of gas probe monitoring and the active gas extraction system operations over the past year.

Response
The Sector 1 gas probes are required to be monitored annually in April. The Sector 2 gas probes are required by the facility permit to be monitored quarterly in January, April, July, and October. During 2015, gas probe monitoring was conducted quarterly; however, due to an inadvertent oversight, the gas probes were monitored in May instead of April and August instead of July. Gas probe monitoring was performed in January and October 2015 as specified in the facility permit. The facility has implemented an internal tracking system, which is intended to prevent similar oversights in the future.

Although not required, the Sector 1 gas probes were monitored quarterly during the Sector 2 quarterly gas probe monitoring events. Methane was not detected in any of the Sector 1 or Sector 2 gas probes during the quarterly monitoring events conducted during 2015. Gas probe monitoring data is provided as **Attachment A-3**, Appendix A.

During the initial third quarter monitoring event, low-level methane (i.e. 0.1% - 0.2 %) was erroneously reported at each of the Sector 1 and Sector 2 probes on August 13-14, 2015 because the meter was not properly zeroed out during calibration. The calibration issue was identified, corrected, and an additional round of gas probe monitoring was conducted on August 17, 2015. No methane was detected in the gas probes during the August 17, 2015 monitoring event.

A summary of the active gas extraction system operation was provided above in response to Approval Condition 11.g of the July 30, 1990 Modification to the Plan of Operation Approval.

Approval Reference
December 13, 1990
Facility Closure Documentation Approval and Plan Modification Approval, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

5. The annual reports, as originally required by the Department in the plan of operation approval shall be expanded to include all of the following:

g. Narrative of the general overall status of the landfill and any problems or concerns with the landfill.

Response
During 2015, there were no issues with the solid waste disposal operations. Improvements were conducted as needed in order to operate the gas extraction system efficiently and to maintain compliance with the facility air permit. Facility inspections were performed throughout 2015; repairs and maintenance were conducted as needed. Any operational issues were addressed in a timely manner.

Elevated leachate head levels were reported in the three vertical head wells located in Sector 2 of the facility during 2015. It is suspected that the elevated leachate heads are due to perched liquid in the waste mass surrounding the vertical head wells in addition to measurement difficulties. There were no elevated liquid levels measured at the other Sector 2 side-slope leachate head wells. Additional information was provided above in response to Condition 5.c. of the December 13, 1990 Approval.

Approval Reference
October 6, 1993
Construction Documentation Approval for the Active Gas Extraction System at the Closed Eau Claire County Seven Mile Creek Sector 1 Landfill.

4. The annual report shall include the following additional information regarding the operation, maintenance, and monitoring of the gas extraction system over the previous year:

a. Summary of the gas probe monitoring with all exceedances of 25% of the lower explosive limit (LEL) included in a table format.

Response
A discussion of the gas probe monitoring conducted at the facility during 2015 was provided above in response to Condition 5.f. of the December 13, 1990 Approval. There were no exceedances of the 25% LEL during 2015.

Approval Reference
October 6, 1993
Construction Documentation Approval for the Active Gas Extraction System at the Closed Eau Claire County Seven Mile Creek Sector 1 Landfill.

4. The annual report shall include the following additional information regarding the operation, maintenance, and monitoring of the gas extraction system over the previous year:

b. Summary of the gas extraction system monitoring including the completed forms included in the appendix C of the O & M manual.

Response
Gas extraction system monitoring data is provided with this report as **Attachment A-1**, Appendix A. Beginning in 2013, Advanced Disposal Services implemented a gas extraction system monitoring database. The database acts as a primary location to maintain facility data records for gas extraction system monitoring required by the solid waste permit, the facility air permit, and greenhouse gas reporting requirements. The database is also used by ADS-SMCL personnel as a tool for tracking required monitoring data and exceedances of the air operating permit requirements. The gas extraction system monitoring data provided with this report incorporates pertinent information contained in forms provided in the O & M manual.

Approval Reference
October 6, 1993
Construction Documentation Approval for the Active Gas Extraction System at the Closed Eau Claire County Seven Mile Creek Sector 1 Landfill.

4. The annual report shall include the following additional information regarding the operation, maintenance, and monitoring of the gas extraction system over the previous year:

c. Summary of the gas extraction system operation and maintenance, indicating all down time, problems, etc., and proposed solutions, and an estimate of condensate extracted from the system.

Response
A summary of the gas extraction system operation and maintenance including downtimes, problems, and solutions was included previously in response to Approval Condition 11.g of the July 30, 1990 Modification to the Plan of Operation Approval.

The gas condensate generated at the facility is disposed of in the leachate collection system by means of a gravity drain system. Gas condensate volumes generated are included in the total leachate volume produced at the facility. The facility does not have a means of monitoring the volume of gas condensate produced and therefore cannot provide an estimate of gas condensate extracted from the system.

Approval Reference
April 24, 1998
Plan of Operation Modification for Alternate Daily Cover Materials, Special Waste Plan Approval and Revisions to the Liner, Leachate Collection System, Active Gas Extraction System and Cap for Superior Seven Mile Creek Sanitary Landfill Sector 2, Eau Claire County, License No. 3097

3. A summary of the performance of the paper mill sludge, shredder fluff, foundry sand and street sweepings being used as alternative daily cover shall be included in the annual report. The following items shall be addressed as part of the report:

a. Volume and tonnage of paper mill sludge, shredder fluff, foundry sand and street sweepings delivered to the landfill and tonnages utilized for daily cover.

Response
During 2015, the facility accepted shredder fluff, foundry sand and street sweepings for use as alternate daily cover. The paper mill sludge accepted at the facility during 2015 was not used for alternate daily cover. In accordance with the WDNR approval issued December 5, 2015 (**Attachment A-2**, Appendix A), the facility may also use sediment from the clean-up of the Eau Claire Wastewater Treatment Plant as alternate daily cover. Although approved in 2015, this sediment was not accepted until 2016. A summary of tonnages accepted at the facility and tonnages used for alternate daily cover during 2015 is provided below.

Material (Waste Category)	2015 Tonnage Accepted	2015 Tonnage used for Daily Cover
Paper Mill Sludge (S1-13A/IC)	3,347	0
Shredder Fluff (X9)	47,794	47,794
Foundry Sand (S2, XP)	11,895	11,895
Street Sweepings (XU, XV)	6,759	6,759
Sediment (Eau Claire WWTP)	0	0

Condition 16 of the April 19, 2005 Conditional Plan of Operation for the Proposed Horizontal and Vertical Expansion of the Onyx Seven Mile Creek Sector 2 Landfill, requires that specific information regarding quantities of approved beneficially reused materials applied at SMCL for the previous year be reported to the Department by March 31 of the following year. This requirement was fulfilled with the 2015 Beneficial Reuse of Waste Materials at Advanced Disposal Services Seven Mile Creek Landfill, LLC, which was provided to the Department on March 22, 2016.

Approval Reference
April 24, 1998
Plan of Operation Modification for Alternate Daily Cover Materials, Special Waste Plan Approval and Revisions to the Liner, Leachate Collection System, Active Gas Extraction System and Cap for Superior Seven Mile Creek Sanitary Landfill Sector 2, Eau Claire County, License No. 3097

3. A summary of the performance of the paper mill sludge, shredder fluff, foundry sand and street sweepings being used as alternative daily cover shall be included in the annual report. The following items shall be addressed as part of the report:

b. Performance and usage of paper mill sludge, shredder fluff, foundry sand and street sweepings in differing weather conditions and seasons.

Response
Paper mill sludge was not used as alternate daily cover during 2015.

Notable variances have been observed with shredder fluff in differing weather conditions. The shredder fluff generates dust in very dry conditions. The fluff must then be watered down to control the dust. During wet times of year, the absorptive properties of the shredder fluff keeps the landfill accessible for truck traffic and reduces the need to lay down clean road rock.

Performance and usages of foundry sand and street sweepings as alternate daily cover did not vary with differing weather conditions and the performance of all materials used met the requirements for alternate daily cover.

Approval Reference
April 24, 1998
Plan of Operation Modification for Alternate Daily Cover Materials, Special Waste Plan Approval and Revisions to the Liner, Leachate Collection System, Active Gas Extraction System and Cap for Superior Seven Mile Creek Sanitary Landfill Sector 2, Eau Claire County, License No. 3097

3. A summary of the performance of the paper mill sludge, shredder fluff, foundry sand and street sweepings being used as alternative daily cover shall be included in the annual report. The following items shall be addressed as part of the report:

c. Physical properties and handling characteristics of paper mill sludge, shredder fluff, foundry sand and street sweepings used as daily cover.

Response
Paper mill sludge was not used as alternate daily cover during 2015.

Shredder fluff is typically comprised of the nonmetallic content of automobile materials and varies in size and density. Foundry sand varies in color and granular quality. It spreads easily with a wide track dozer and provides for adequate daily cover. Street sweepings typically consist of medium to coarse-grained

sand with residual waste and leaves that are swept off the street. It spreads easily with a dozer and provides for adequate daily cover.

Approval Reference
April 24, 1998
Plan of Operation Modification for Alternate Daily Cover Materials, Special Waste Plan Approval and Revisions to the Liner, Leachate Collection System, Active Gas Extraction System and Cap for Superior Seven Mile Creek Sanitary Landfill Sector 2, Eau Claire County, License No. 3097

3. A summary of the performance of the paper mill sludge, shredder fluff, foundry sand and street sweepings being used as alternative daily cover shall be included in the annual report. The following items shall be addressed as part of the report:

d. Problems encountered or adaptations incorporated into procedures used with paper mill sludge, shredder fluff, foundry sand and street sweepings as daily cover.

Response
No paper mill sludge was used for alternate daily cover during 2015.

The only problems encountered with alternate daily cover involved the auto shredder fluff. The larger foam chunks have a tendency to be tracked away from the fill area and have to be manually collected on a regular basis and re-deposited in the fill areas. The shredder fluff also generates dust in very dry conditions. In order to control the dust, the facility has incorporated procedures to water down the fluff to eliminate the dust. There were no problems encountered with the foundry sands or street sweepings during 2015.

Approval Reference
April 24, 1998
Plan of Operation Modification for Alternate Daily Cover Materials, Special Waste Plan Approval and Revisions to the Liner, Leachate Collection System, Active Gas Extraction System and Cap for Superior Seven Mile Creek Sanitary Landfill Sector 2, Eau Claire County, License No. 3097

3. A summary of the performance of the paper mill sludge, shredder fluff, foundry sand and street sweepings being used as alternative daily cover shall be included in the annual report. The following items shall be addressed as part of the report:

e. Analytical data generated by quarterly and annual testing of the paper mill sludge, shredder fluff, foundry sand and street sweepings.

Response
The testing requirements for shredder fluff include in the April 24, 1998 Plan of Operation Modification were revised with the issuance of subsequent approvals. The facility is currently conducting shredder fluff analyses in accordance with the April 19, 2005 Conditional Plan of Operation for the Proposed Horizontal and Vertical Expansion. Additional information regarding laboratory analysis of shredder fluff is provided below in response to Approval Condition 34 of the April 19, 2005 Conditional Plan of Operation.

Analytical requirements for paper mill sludge, foundry sand, and street sweepings are discussed in the following sections. Paper mill sludge was not used as alternate daily cover during 2015. No analytical testing was required.

Approval Reference
April 24, 1998
Plan of Operation Modification for Alternate Daily Cover Materials, Special Waste Plan Approval and Revisions to the Liner, Leachate Collection System, Active Gas Extraction System and Cap for Superior Seven Mile Creek Sanitary Landfill Sector 2, Eau Claire County, License No. 3097

2. Superior Seven Mile Creek shall ensure that the foundry sand from Winona, Minnesota and the street sweepings from the City of Eau Claire meet the following criteria:

f. On an annual basis a grain size distribution analysis to the #200 sieve shall be performed with the results included in the annual report.

Response
An annual grain size distribution analysis was performed on the foundry sand and street sweepings during 2015. The summary reports are provided as **Attachment E-1**, Appendix E.

Approval Reference
April 24, 1998
Plan of Operation Modification for Alternate Daily Cover Materials, Special Waste Plan Approval and Revisions to the Liner, Leachate Collection System, Active Gas Extraction System and Cap for Superior Seven Mile Creek Sanitary Landfill Sector 2, Eau Claire County, License No. 3097

8. Superior Seven Mile Creek Landfill shall monitor the paper mill sludge for solids content quarterly and include the results in the annual report.

Response
Paper mill sludge was not used for ADC at the facility during 2015. No quarterly solids content analysis was required.

Approval Reference
April 19, 2005
Conditional Plan of Operation for the Proposed Horizontal and Vertical Expansion of the Onyx Seven Mile Creek Sector 2 Landfill, License # 3097

34. Condition 19 of the Departments May 21, 2002 Plan of Operation Approval is rescinded and replaced by the following:

Shredder fluff is approved for use as alternative daily cover. Shredder fluff shall be sampled and tested as follows below. The results of all testing shall be submitted to the Department

annually except in accordance with paragraph b (below), when more frequent reporting is required. The sampling collection dates and times shall be included with the submittal. Testing shall be performed on a quarterly basis if more than 10,000 tons of fluff per year is accepted from a producer, otherwise testing shall be performed on a semi-annual basis.

a. Ten samples of each source of shredder fluff shall be collected over a five-day period. Each sample shall be obtained by removing a shovel full of fluff from the conveyor once an hour for a four-hour period in the morning and then again for another four-hour period in the afternoon. Each day's sampling shall be composited into a single sample. The resulting daily sample shall be coned and quartered until 10 gallons of fluff remain. Each 10-gallon sample shall be coned and quartered into two five-gallon samples. The samples shall be stored in sealed containers made of inert material until they are analyzed in a laboratory. The 10 resultant five-gallon samples shall then be tested as outlined in (b) through (d) below.

Three samples from each source of shredder fluff shall be randomly selected and analyzed at a lab for lead, cadmium and mercury using the Toxicity Characteristic Leaching Procedure (TCLP) testing method and for PCB's using a total elemental extraction test method referenced in 40 CFR Part 761.358. If all three samples test below the regulatory limit, then the simple arithmetic mean for the three samples shall be reported as one test result. If any of the three samples tests above the regulatory limit for any parameter, then the remaining seven samples as referenced in a. above shall be tested for the exceeded parameter and the simple arithmetic mean for the ten samples shall be reported as one test result. A rolling average shall then be used to determine the regulatory status of the shredder fluff. The rolling average shall be based upon the five most recent test values for the above parameters. The oldest test values shall be dropped from the average as each new value is added. Shredder fluff from an individual auto shredder shall not be accepted at the landfill if their rolling average exceeds 80% of the regulatory limit for a parameter listed below.

b. <u>Regulatory Limits</u>

<u>TCLP</u>		**<u>Solids analysis</u>**	
Lead	**5.0 mg/l**	**PCB's**	**50 mg/kg**
Cadmium	**1.0 mg/l**		
Mercury	**0.2 mg/l**		

If an individual sampling event (arithmetic mean for ten samples) exceeds a regulatory limit for any parameter, an additional sampling event in accordance with paragraph a., above, shall immediately be performed and the samples shall be analyzed for the exceeded parameter in accordance with paragraph b., above. Results shall be submitted to the Department within 30 days of the testing.

c. On an annual basis, one sample of shredder fluff from each source shall be subject to the ASTM D 3987-85 water leach test and the leaching fluid shall be analyzed for dissolved PCB's using an analytical method with a level of detection <10 microgram per liter.

d. Beginning the year after OSMCL receives more than 10,000 tons of shredder fluff from a specific source and every five years thereafter, each source of shredder fluff accepted at the landfill that on average exceeded 10,000 tons per year acceptance rate shall be tested for an extended list of contaminants, including fire retardants, hydrocarbons, BTEXs and physical properties. A proposal for testing shall be submitted to the Department for concurrence at least 60 days prior to the testing.

Response
The facility received more than 10,000 tons of shredder fluff from a producer during 2015. In accordance with this approval, quarterly samples were collected and analyzed as required by conditions a., b., and c. above. Laboratory analyses are provided with this report in **Attachment E-2**, Appendix E.

The five year extended analysis required by condition d. was conducted during 2013 and was therefore not required in 2015. The next five-year analysis will be performed in 2018.

Approval Reference
April 19, 2005
Conditional Plan of Operation for the Proposed Horizontal and Vertical Expansion of the Onyx Seven Mile Creek Sector 2 Landfill, License # 3097

14. The condition of the exposed geosynthetics in the areas of final cover removal shall be noted and reported to the Department annually while final cover removal is ongoing. The results of the observations shall be utilized in the selection of geosynthetics for construction of future final cover phases. The observations shall include:

a. Impacts of sediment and clogging on the flow capacity of the geocomposite drain layer.
b. Damage, penetrations, or tensile stress on the geomembrane.
c. Changes to the hydraulic conductivity of the geosynthetic clay liner and any signs of panel separation.

Response
Dr. Craig Benson of the University of Wisconsin, Department of Engineering conducted the evaluation on the geosynthetic components of the final cap on June 15, 2007. The evaluation report was provided to the WDNR in July 2008. No additional action is required for this permit condition.

Approval Reference
July 19, 2007
Approval of Organic Stability Plan, Modification to the Plan of Operation Approval, Veolia Seven Mile Creek Landfill, Eau Claire County, License No. 3097

Reporting
Annual progress reports shall be prepared in accordance with NR 514.07(9)(d), Wis. Adm. Code. Annual reports shall include an evaluation of needed plan revisions to correct problems, opportunities for increased efficiencies or changes to the contingency plan as the state of the art changes. Every five years, Veolia shall examine the approved plan's progress in achieving the goals and the need to implement the contingency plan. A report describing the evaluation and conclusions shall be submitted to the Department as part of the annual progress report. The Department may require the implementation of some or all of the methods itemized in the contingency plan if the report or the Department's independent conclusions determined that the landfill has not made adequate progress toward achieving the established goals.

Response
The annual progress report required by this permit condition is provided with this solid waste annual report in the SCS Engineers Technical Memorandum included as **Attachment F-1**, Appendix F.

Approval Reference
July 17, 2007
Research, Development and Demonstration (RD&D) Plan, Modification to the Plan of Operation Approval, Veolia Seven Mile Creek Landfill, Eau Claire County, License No. 3097

Reporting:
Annual updates related to the RD&D plan will be included in the Annual Report. A final report will be prepared at the end of the testing period. The reports will assess the attainment of goals proposed for the process, recommend changes, recommend any additional work, and summarize problems and their resolution. Reports will include a summary of all monitoring data, testing data and observations of process or effects and will include a summary of all monitoring data, testing data and observations of process or effects and will include recommendations for continuance or termination of the process.

Response
The RD&D Plan was issued on July 17, 2007 and was renewed on November 29, 2010 and December 9, 2013. The third renewal request will be provided to the Department prior to the expiration of the current three-year approval.

There were no modifications to the reporting conditions included in the subsequent renewals. The annual updates required by this permit condition are provided with this solid waste annual report in the SCS Engineers Technical Memorandum included as **Attachment F-2**, Appendix F.

Approval Reference
July 17, 2007
Research, Development and Demonstration (RD&D) Plan, Modification to the Plan of Operation Approval, Veolia Seven Mile Creek Landfill, Eau Claire County, License No. 3097

6. Annual and final reports for the RD&D plan shall comply with the following as well as the requirements of s.NR514.10(1)(f), Wis.Adm.Code:
- ***a. Annual and final reports may be submitted with the annual report and in accordance with the approved deadline date for the annual report for VSMCL,***
- ***b. Waste samples shall be obtained from either borings for gas extraction well or dedicated borings to define shear strength parameters of decomposed waste that will be used in geotechnical stability analysis required by s.NR514.10(2)(h), Wis.Adm.Code. The geotechnical stability analysis shall be submitted as part of the final 3 year report.***

Response
The annual report required by this permit condition is provided with this solid waste annual report in the SCS Engineers Technical Memorandum included as **Attachment F-2**, Appendix F. It is anticipated that the final report will be issued after the expiration of the third consecutive RD&D renewal.

3.0 COMPOSTABLE MATERIAL FACILITY OPERATIONS

Approval Reference
February 22, 2013
Approval for a Source-Separated Compostable Material Facility, Total Volume of Less than 5,000 Cubic Yards, Advanced Disposal Services, 8001 Olson Drive - Eau Claire, WI 54703, Eau Claire County

Recordkeeping and Reporting

4. Compost pile turning frequency and temperature readings as appropriate to the composting method shall be documented and maintained to demonstrate pathogen reduction and odor control activities. If the facility plans to produce Class A compost the compost shall meet the requirements of NR 502.12(16)(a),(b),(c) and (d). Records shall be made available to the Department upon request or during site inspections during normal business hours.

Response

Compost pile turning frequency and temperature readings are documented on the Compost Facility Field Monitoring Form. An example form is provided as **Attachment G-1**, Appendix G. The records are retained on site and shall be made available to the Department upon request as required by this permit condition.

The facility took part in a pilot program coordinated by the WDNR, which began in 2012. The WDNR issued a formal approval of the source-separated compost facility with the February 22, 2013 approval.

During 2015, compost was processed by the windrow method specified in condition NR 502.12(16)(b)1. The Compost Facility Field Monitoring Form and Maintenance Documents retained on site provide record of the operation. The compost met condition (16)(a) which requires that the compost be composed entirely of source-separated compostable materials. The facility did not sell, distribute, or use any compost processed during 2015.

The facility has a permitted capacity of less than 5,000 cubic yards, as such, it is exempt from conditions NR 502.12(16)(c) and (d).

Approval Reference
February 22, 2013
Approval for a Source-Separated Compostable Material Facility, Total Volume of Less than 5,000 Cubic Yards, Advanced Disposal Services, 8001 Olson Drive - Eau Claire, WI 54703, Eau Claire County

Recordkeeping and Reporting

5. A summary of information listed in NR 502.12(15)(b)3 and 4 shall be submitted each year on the annual license renewal form supplied by the Department.

Response
The information required by NR502.12 (15) 3. and 4. is listed below.

NR502.12 (15)

3. Annual quantities and types of raw materials received and compost produced, in tons. Tonnage estimates may be based on volume records where scale weights are not available.
4. Annual quantity of compost sold, distributed or used, in tons, and quantity of class A compost sold, distributed or used.

The source separated compostable material received at the facility during 2015 totaled 1,295.15 tons of food processing residuals. The facility did not sell, distribute, or use any compost processed during 2015. The current license renewal form dated May 4, 2016 is provided as **Attachment G-2**, Appendix G. The period of the current license is October 1, 2016 through September 30, 2017.

Appendix A

Gas Extraction System Monitoring Data

Appendix A
Tables

Table A-1: Gas Volume Summary
Table A-2: Downtime Summary

Table A-1
Gas Volume Summary

Advanced Disposal Services
Seven Mile Creek Landfill

Mon-Yr	DPC Flow Monthly Avg. (cfm) #	Flare Flow Monthly Avg. (cfm) #	Total System Flow Monthly Avg. (cfm) #	Flare Temperature (deg. F) #	Total DPC Gas Volume (ft.^{3}):	Total Flared Gas Volume (ft.^{3}):
Jan-15	523	981	1,504	881	23,332,651	43,803,987
Feb-15	559	973	1,532	877	22,286,594	38,810,125
Mar-15	366	1,201	1,550	894	15,351,322	52,915,942
Apr-15	514	1,101	1,529	918	18,154,804	46,603,751
May-15	490	1,076	1,543	890	20,802,659	47,937,552
Jun-15	321	1,304	1,613	903	13,249,675	55,883,249
Jul-15	480	1,276	1,682	888	18,144,137	56,928,515
Aug-15	528	1,246	1,742	894	22,145,350	55,602,829
Sep-15	497	1,304	1,779	888	20,532,873	56,294,307
Oct-15	322	1,448	1,752	922	13,559,051	64,628,830
Nov-15	393	1,423	1,714	915	12,561,961	61,572,756
Dec-15	358	1,388	1,707	941	14,226,767	61,885,985
Avg:	446	1,227	1,637	901	--	--
					2015 Total DPC Gas Volume (ft3):	**214,347,844**
					2015 Total Flared Gas Volume (ft3):	**642,867,827**

Note:
Gas volumes were obtained from the monthly scada data reports prepared by ESC. The average monthly flows were calculated based on the flow data provided in the monthly scada reports.
- The flows and flare temperatures represent monthly averages during operation.

Table A-2
Downtime Summary

Advanced Disposal Services
Seven Mile Creek Landfill

Date/Time Start Downtime	Date/Time End Downtime	Total Hours	Cause of Downtime
--	--	--	No downtime.
	January Downtime:	**0.00**	
2/24/2015 8:30	2/24/2015 15:45	7.25	Manual shutdown for maintenance. Twin City Fan replaced the bearings and belts and balanced. Site personnel installed loaner flow meter for annual calibration.
	February Downtime:	**7.25**	
3/18/2015 10:30	3/18/2015 13:00	2.50	Manual shutdown to hook up vacuum lines for temporary rain cover.
3/19/2015 11:30	3/19/2015 12:30	1.00	Manual shutdown to hook up vacuum lines for temporary rain cover.
3/20/2015 8:30	3/20/2015 13:45	5.25	Manual shutdown to hook up vacuum lines for temporary rain cover.
	March Downtime:	**8.75**	
4/2/2015 16:00	4/2/2015 16:30	0.50	Power outage.
4/14/2015 1:15	4/14/2015 2:00	0.75	Power outage.
4/14/2015 6:30	4/14/2015 7:00	0.50	Power outage.
4/14/2015 9:45	4/14/2015 14:00	4.25	Manual shutdown to raise vacuum lines for eight acre final cover.
4/22/2015 7:45	4/22/2015 16:00	8.25	Manual shutdown for Riverview to install three valves in the header pipe.
	April Downtime:	**14.25**	
5/3/2015 19:15	5/3/2015 21:00	1.75	System down due to strong storms.
	May Downtime:	**1.75**	
6/10/2015 9:30	6/10/2015 15:30	6.00	Manual shutdown to replace 6-in valve, clean demister pad, and change out flow meters
	June Downtime:	**6.00**	
7/18/2015 2:30	7/18/2015 2:45	0.25	System shut down due to severe storms.
7/21/2015 17:30	7/21/2015 17:45	0.25	Loss of power - utility down
	July Downtime:	**0.50**	
		0.00	No downtime.
	August Downtime:	**0.00**	
9/17/2015 6:00	9/17/2015 6:15	0.25	Storm related power outage.
	September Downtime:	**0.25**	
		0.00	No downtime.
	October Downtime:	**0.00**	
		0.00	No downtime.
	November Downtime:	**0.00**	
12/9/2015 8:15	12/9/2015 9:00	0.75	Manual shutdown to check and clean flame arrestor and check float system shutdown
	December Downtime:	**0.75**	
	Total Downtime Jan-Dec (Hr.):	**39.50**	
	Operating Efficiency (%):	**99.5**	

Attachment A-1

Gas Extraction Report

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
Calibration													
Calibrat	Calibrat	1/9/2015 10:19		50.3	35.1	0.3	14.3	0	---	0	0	---	,,,,,,,
Calibrat	Calibrat	1/9/2015 10:20		0.2	0.1	5	94.7	0	71	0	0	---	,,,,,,,
Calibrat	Calibrat	1/13/2015 10:47		15	15	0.4	69.6	0	84	0	0	---	,,,,,,,
Calibrat	Calibrat	1/13/2015 10:48		0.1	0	5.1	94.8	0	83	0	0	---	,,,,,,,
Calibrat	Calibrat	1/14/2015 12:04		15.1	15	0.5	69.4	0	---	0	0	---	,,,,,,,
Calibrat	Calibrat	1/14/2015 12:06		0.1	0.1	5	94.8	0	70	0	0	---	,,,,,,,
Calibrat	Calibrat	1/15/2015 5:26		15.1	14.9	0.6	69.4	0	---	0	0	---	,,,,,,,
Calibrat	Calibrat	1/15/2015 5:27		0.1	0	5	94.9	0	71	0	0	---	,,,,,,,
Calibrat	Calibrat	1/15/2015 8:42		50	35	0.1	14.9	0	---	0	0	---	,,,,,,,
Calibrat	Calibrat	1/15/2015 8:43		0.4	0.3	5	94.3	0	68	0	0	---	,,,,,,,
Calibrat	Calibrat	1/19/2015 4:24		50.2	35.1	0.4	14.3	0	68	0	0	---	,,,,,,,
Calibrat	Calibrat	1/19/2015 4:25		0.3	0.2	5	94.5	0	69	0	0	---	,,,,,,,
Calibrat	Calibrat	1/19/2015 9:11		50.1	35	0.2	14.7	-0.33	---	0	0.4	---	,,,,,,,
Calibrat	Calibrat	1/19/2015 9:12		0.3	0.3	5	94.4	0	57	0	0	---	,,,,,,,
Calibrat	Calibrat	1/20/2015 6:18		50	35	0.4	14.6	0	---	0	0	---	,,,,,,,
Calibrat	Calibrat	1/20/2015 6:19		0.4	0.2	5	94.4	0	69	0	0	---	,,,,,,,
Calibrat	Calibrat	1/20/2015 11:29		50.1	35	0	14.9	0	---	0	0	---	,,,,,,,
Calibrat	Calibrat	1/20/2015 11:31		0.3	0.2	5	94.5	0	47	0	0	---	,,,,,,,
Calibrat	Calibrat	1/21/2015 7:33		50	35	0.3	14.7	0.01	---	0	0	---	,,,,,,,
Calibrat	Calibrat	1/21/2015 7:35		0.4	0.2	5	94.4	0	69	0	0	---	,,,,,,,
Calibrat	Calibrat	1/22/2015 6:40		50.2	35	0.4	14.4	0	69	0	0	---	,,,,,,,
Calibrat	Calibrat	1/22/2015 6:43		0.3	0.2	5	94.5	0	69	0	0	---	,,,,,,,
Calibrat	Calibrat	2/2/2015 12:04		50	35	0.5	14.5	0	---	0	0	---	,,,,,,,
Calibrat	Calibrat	2/2/2015 12:06		0.3	0.2	5	94.5	0	72	0	0	---	,,,,,,,
Calibrat	Calibrat	2/3/2015 6:06		50	35	0.3	14.7	0	---	0	0	---	,,,,,,,
Calibrat	Calibrat	2/3/2015 6:07		0.3	0.2	5	94.5	0	69	0	0	---	,,,,,,,
Calibrat	Calibrat	2/3/2015 11:06		50.1	35	0	14.9	-0.03	61	0	0	---	,,,,,,,
Calibrat	Calibrat	2/3/2015 11:08		0.3	0.2	5	94.5	-0.03	61	0	0	---	,,,,,,,
Calibrat	Calibrat	2/5/2015 5:45		50.2	35	0.5	14.3	0	---	0	0	---	,,,,,,,
Calibrat	Calibrat	2/5/2015 5:47		0.1	0.1	5	94.8	0	56	0	0	---	,,,,,,,
Calibrat	Calibrat	2/5/2015 11:14		50.1	35.4	0.3	14.2	0.01	52	0	0	---	,,,,,,,
Calibrat	Calibrat	2/5/2015 11:16		0.2	0.1	5	94.7	0	53	0	0	---	,,,,,,,
Calibrat	Calibrat	2/6/2015 7:54		50.3	35	0.4	14.3	0	---	0	0	---	,,,,,,,
Calibrat	Calibrat	2/6/2015 7:55		0.2	0.1	5	94.7	0	72	0	0	---	,,,,,,,
Calibrat	Calibrat	2/11/2015 10:27		50.1	35	0.4	14.5	-0.03	70	0	0	---	,,,,,,,
Calibrat	Calibrat	2/11/2015 10:28		0.2	0.1	5	94.7	0	70	0	0	---	,,,,,,,
Calibrat	Calibrat	2/27/2015 9:30		0.2	0.2	5	94.6	0	67	0	0	---	,,,,,,,
Calibrat	Calibrat	3/10/2015 4:55		50	35	0.4	14.6	0	---	0	0	---	,,,,,,,
Calibrat	Calibrat	3/10/2015 4:57		0.2	0.1	4.9	94.8	0	70	0	0	---	,,,,,,,
Calibrat	Calibrat	3/21/2015 7:43		50	35	0.5	14.5	0	69	0	0	---	,,,,,,,
Calibrat	Calibrat	3/21/2015 7:44		0.3	0.2	4	95.5	0	70	0	0	---	,,,,,,,
Calibrat	Calibrat	3/21/2015 7:45		0.3	0.2	4	95.5	0	70	0	0	---	,,,,,,,
Calibrat	Calibrat	3/21/2015 9:52		50.2	35	0	14.8	0	---	0	0	---	,,,,,,,
Calibrat	Calibrat	3/21/2015 9:54		0.3	0.2	4	95.5	0	62	0	0	---	,,,,,,,
Calibrat	Calibrat	3/23/2015 8:19		49.9	34.9	0.3	14.9	0	---	0	0	---	,,,,,,,
Calibrat	Calibrat	3/23/2015 8:21		50	35	0.1	14.9	0	---	0	0	---	,,,,,,,
Calibrat	Calibrat	3/23/2015 8:23		0.3	0.2	4	95.5	0	64	0	0	---	,,,,,,,
Calibrat	Calibrat	3/23/2015 12:09		50	35	0	15	0	65	0	0	---	,,,,,,,
Calibrat	Calibrat	3/23/2015 12:11		0	0.2	4	95.8	0	66	0	0	---	,,,,,,,
Calibrat	Calibrat	3/24/2015 5:23		50	35.5	0.2	14.3	0	69	0	0	---	,,,,,,,
Calibrat	Calibrat	3/24/2015 5:25		0.1	0.2	3.9	95.8	0	69	0	0	---	,,,,,,,
Calibrat	Calibrat	3/26/2015 14:34		50.1	35	0.6	14.3	0	48	0	0	---	,,,,,,,
Calibrat	Calibrat	3/26/2015 14:36		0.2	0.2	4	95.6	0	50	0	0	---	,,,,,,,
Calibrat	Calibrat	3/27/2015 6:50		50.2	35.1	0.3	14.4	0	---	0	0	---	,,,,,,,
Calibrat	Calibrat	3/27/2015 6:51		0.1	0.2	4	95.7	0	67	0	0	---	,,,,,,,
Calibrat	Calibrat	3/27/2015 12:49		49.8	35.1	0.1	15	0	---	0	0	---	,,,,,,,
Calibrat	Calibrat	3/27/2015 12:51		0	0	4	96	0	60	0	0	---	,,,,,,,
Calibrat	Calibrat	3/28/2015 9:43		50.2	35	0.4	14.4	0	---	0	0	---	,,,,,,,
Calibrat	Calibrat	3/28/2015 9:45		0	0.1	4	95.9	0	69	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	4/20/2015 12:50		50.3	35.5	0.3	13.9	-0.02	67	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	4/20/2015 12:53		0.2	0.1	4	95.7	0	68	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	4/24/2015 7:09		50.2	35.4	0.4	14	0	52	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	4/24/2015 7:11		0	0.1	4	95.9	0	53	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	4/27/2015 8:27		50.1	35.1	0.3	14.5	0	69	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	4/27/2015 8:29		0.3	0.2	4	95.5	0.01	69	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	4/27/2015 11:51		50.1	35.2	0	14.7	0	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	4/27/2015 11:54		0.2	0	4	95.8	0	74	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	4/28/2015 7:07		50.2	35	0.4	14.4	0	67	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	4/28/2015 7:09		0	0.1	4	95.9	0	67	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	4/30/2015 7:53		50.2	35	0.3	14.5	0	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	4/30/2015 7:54		0	0.1	4	95.9	-0.01	66	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	5/4/2015 13:21		50.4	35.1	0.5	14	0	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	5/4/2015 13:22		0	0.1	4	95.9	0.01	73	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	5/4/2015 13:54		15	15	0.2	69.8	0	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	5/4/2015 13:56		0	0	4	96	0	77	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	5/21/2015 9:16		50.2	35	0.3	14.5	-0.01	72	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	5/21/2015 9:17		0.3	0.1	4	95.6	0	72	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	5/22/2015 7:26		50	35	0.4	14.6	0	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	5/22/2015 7:27		0.2	0.1	4	95.7	0	62	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	5/22/2015 12:25		50.2	35	0	14.8	0	87	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	5/22/2015 12:27		0.1	0	4	95.9	0	87	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	5/23/2015 7:50		50	35	0.3	14.7	0	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	5/23/2015 7:52		0.1	0	4	95.9	0	61	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	5/26/2015 7:43		50.2	35	0.2	14.6	0	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	5/26/2015 7:45		0.1	0	4	95.9	0	69	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	6/1/2015 13:13		50.3	35	0.3	14.4	-0.02	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	6/1/2015 13:14		0.1	0	4	95.9	0	77	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	6/8/2015 15:34		50.1	35.1	0.3	14.5	0	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	6/8/2015 15:36		0.1	0	3.9	96	0	76	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	6/18/2015 9:53		50.3	35.1	0.3	14.3	-0.04	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	6/18/2015 9:54		0.1	0	4	95.9	0	75	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	6/23/2015 6:48		50.7	35	0	14.3	0.92	72	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	6/23/2015 6:50		0.2	0	4.1	95.7	7.04	72	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	6/23/2015 14:23		49.8	34.9	0.4	14.9	6.22	93	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	6/23/2015 14:25		0.1	0	4	95.9	1.46	93	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	6/26/2015 13:10		50	35.1	0	14.9	-0.03	79	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	6/26/2015 13:12		0	0	3.9	96.1	-0.97	78	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	6/27/2015 5:43		50	35.5	0	14.5	7.04	66	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	6/27/2015 5:45		0.2	0.1	3.9	95.8	0.68	74	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	6/27/2015 9:59		50.1	35	0	14.9	3.1	76	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	6/27/2015 10:01		0	0	4	96	3.37	77	0	0	---	,,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
SMCALCH4	SMCALCH4	6/29/2015 7:52		50.1	35.2	0	14.7	-8.85	76	0	68.3	---	,,,,,,,
SMCALCH4	SMCALCH4	6/29/2015 7:52		50.1	35.2	0	14.7	-8.85	76	0	68.3	---	,,,,,,,
SM-CALO2	SM-CALO2	6/29/2015 7:54		0.1	0.1	3.9	95.9	1.29	76	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	7/15/2015 15:56		49.9	35	0	15.1	1.25	89	0	0	---	,,,,,,,: :
SM-CALO2	SM-CALO2	7/15/2015 15:57		0	0.1	4.1	95.8	1.31	87	0	0	---	,,,,,,,: :
SMCALCH4	SMCALCH4	7/17/2015 11:18		50.1	35.3	0	14.6	1.74	87	0	51.6	---	,,,,,,,
SM-CALO2	SM-CALO2	7/17/2015 11:19		0.1	0.1	4	95.8	0	89	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	7/24/2015 10:41		50.6	35	0.3	14.1	0.01	85	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	7/24/2015 10:42		0.4	0.1	4	95.5	0	88	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	7/27/2015 9:37		50.2	35	0.3	14.5	0.01	87	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	7/27/2015 9:39		0.4	0.1	4	95.5	0	86	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	7/27/2015 11:54		50	35	0	15	0	94	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	7/27/2015 11:56		0.5	0.1	4	95.4	0	94	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	7/28/2015 4:42		50	35	0.2	14.8	0	75	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	7/28/2015 4:44		0.4	0.1	4	95.5	0	78	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	8/5/2015 14:20		50.2	35.1	0.3	14.4	0	98	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	8/5/2015 14:21		0.4	0.1	4	95.5	0	101	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	8/13/2015 7:54		15	14.9	0.2	69.9	0.02	84	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	8/13/2015 7:56		0.4	0.3	4	95.3	0	84	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	8/13/2015 13:32		15	15	0.2	69.8	0	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	8/13/2015 13:34		0.4	0.3	4	95.3	0.01	80	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	8/14/2015 4:00		15	15	0.2	69.8	0.01	74	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	8/14/2015 4:01		0.3	0	4	95.7	0	74	0	0	---	,,,,,,,
CALCH415	CALCH415	8/17/2015 5:42		15.1	15	0.3	69.6	---	---	---	---	---	,,,,,,,: :
CALO2-04	CALO2-04	8/17/2015 5:44		0	0	4	96	---	---	---	---	---	,,,,,,,: :
SMCALCH4	SMCALCH4	8/18/2015 7:27		50	35	0.2	14.8	0	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	8/18/2015 7:29		0	0.1	4	95.9	0	---	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	8/20/2015 5:41		50	34.9	0.3	14.8	0.01	62	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	8/20/2015 5:43		0	0.1	4	95.9	0	63	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	8/21/2015 5:51		50	35	0.3	14.7	0	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	8/21/2015 5:53		0	0.1	3.9	96	0	71	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	8/21/2015 8:09		50.1	35	0	14.9	0	76	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	8/21/2015 8:12		0	0.1	4	95.9	0	78	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	9/14/2015 14:06		50	35	0.3	14.7	0	85	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	9/14/2015 14:08		0	0	4	96	0	83	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	9/14/2015 14:29		50	35	0.2	14.8	0.01	85	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	9/14/2015 14:31		0	0	4	96	0	85	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	9/15/2015 5:29		50	35	0.2	14.8	-0.01	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	9/15/2015 5:31		0	0.1	4	95.9	0	74	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	9/15/2015 7:46		50	35	0	15	0	74	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	9/15/2015 7:48		0	0.1	4	95.9	0	72	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	9/15/2015 12:19		50	35	0	15	0	84	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	9/15/2015 12:20		50	35	0	15	0	84	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	9/15/2015 12:21		0	0.1	4	95.9	0	85	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	9/16/2015 10:49		50	35.1	0.4	14.5	0	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	9/16/2015 10:51		0	0.1	4	95.9	0.01	76	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	9/24/2015 8:51		50.1	35	0.3	14.6	0	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	9/24/2015 8:53		0	0.1	4	95.9	0	73	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	9/30/2015 12:34		52	35	0	13	0	72	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	9/30/2015 12:36		0	0	4	96	0	71	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	10/8/2015 15:25		50	35	0	15	0	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	10/8/2015 15:27		0	0	3.9	96.1	0	77	0	0	---	,,,,,,,
CALCH415	CALCH415	10/20/2015 12:32		15.1	15	0	69.9	---	---	---	---	---	,,,,,,,
CALO2-04	CALO2-04	10/20/2015 12:34		0	0	4	96	---	---	---	---	---	,,,,,,,
SMCALCH4	SMCALCH4	10/21/2015 7:41		50.1	35	0	14.9	-0.01	65	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	10/21/2015 7:43		0	0	4	96	0.01	77	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	10/26/2015 12:04		50.1	35	0	14.9	0	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	10/26/2015 12:05		0	0	4	96	0	50	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	10/27/2015 7:54		49.9	35	0	15.1	0	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	10/27/2015 7:56		0	0	3.9	96.1	0	65	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	10/27/2015 13:34		50	35	0	15	0	71	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	10/27/2015 13:36		0	0.1	4	95.9	0	69	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	11/2/2015 11:21		50	35	0	15	0	63	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	11/2/2015 11:23		0	0.1	4	95.9	0.01	63	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	11/3/2015 9:56		50	35.1	0	14.9	0	57	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	11/3/2015 9:57		0	0.1	4	95.9	0	58	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	11/3/2015 16:52		50	35	0	15	0	75	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	11/3/2015 16:53		0	0.1	4	95.9	0	74	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	11/4/2015 13:40		50	34.9	0	15.1	0	67	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	11/4/2015 13:41		0	0.1	4	95.9	0.01	65	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	11/9/2015 16:37		50	35.1	0	14.9	0	---	0	89	---	,,,,,,,
SM-CALO2	SM-CALO2	11/9/2015 16:39		0	0.1	4	95.9	-0.01	69	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	11/18/2015 12:38		49.9	35	0	15.1	0	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	11/18/2015 12:40		0	0	4	96	0.01	59	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	12/11/2015 13:35		50	34.9	0	15.1	0.01	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	12/11/2015 13:38		0	0	3.9	96.1	0	---	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	12/21/2015 7:56		50.1	35	0	14.9	-0.01	40	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	12/21/2015 7:58		0	0	4	96	0.02	---	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	12/21/2015 12:02		50	35	0	15	-0.01	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	12/21/2015 12:04		0	0.1	3.9	96	-0.02	46	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	12/23/2015 7:56		50	35	0	15	0	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	12/23/2015 7:59		0	0	3.9	96.1	-0.02	50	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	12/23/2015 12:31		49.9	35	0	15.1	-0.03	---	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	12/23/2015 12:34		0	0.1	3.9	96	0	43	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	12/28/2015 13:24		49.9	35	0	15.1	-0.04	29	0	128.7	---	,,,,,,,
SM-CALO2	SM-CALO2	12/28/2015 13:26		0	0	4	96	-0.02	29	0	0	---	,,,,,,,
Blower													
GHGFLARE	GHGFLARE	1/9/2015 14:01		49.7	35.6	3	11.7	-4.15	98	---	4.1	4.46	No change,,,,,,,
GHGFLARE	GHGFLARE	1/9/2015 14:02		49.4	35.5	3.2	11.9	---	88	---	-69.7	-69.88	No change,,,,,,,
GHGFLARE	GHGFLARE	1/15/2015 9:11		49.2	34.8	3.1	12.9	-4.79	98	---	4.7	4.58	No change,,,,,,,
GHGFLARE	GHGFLARE	1/15/2015 9:11		48.9	34.6	3.2	13.3	---	89	---	-68	-67.94	No change,,,,,,,
GHGFLARE	GHGFLARE	1/15/2015 14:27		48.9	34.8	3.2	13.1	-4.53	96	---	4.5	4.48	No change,,,,,,,
GHGFLARE	GHGFLARE	1/15/2015 14:28		48.7	34.7	3.2	13.4	---	86	---	-67.6	-67.71	No change,,,,,,,
GHGFLARE	GHGFLARE	1/19/2015 5:27		49	34.9	3.1	13	-4.77	96	---	4.7	4.65	No change,,,,,,,
GHGFLARE	GHGFLARE	1/19/2015 5:28		49.1	35	3.1	12.8	---	89	---	-68	-68.13	No change,,,,,,,
GHGFLARE	GHGFLARE	1/19/2015 14:57		51.2	36.3	2.5	10	-5.03	96	---	4.8	4.91	No change,,,,,,,
GHGFLARE	GHGFLARE	1/19/2015 14:58		51.1	36.3	2.5	10.1	---	82	---	-67.5	-67.56	No change,,,,,,,
GHGFLARE	GHGFLARE	1/20/2015 8:12		49.9	36	2.9	11.2	-4.1	96	---	4.2	4.16	No change,,,,,,,
GHGFLARE	GHGFLARE	1/20/2015 8:13		49.5	35.7	2.9	11.9	---	87	---	-68.6	-68.54	No change,,,,,,,
GHGFLARE	GHGFLARE	1/20/2015 14:35		49.3	35.2	2.6	12.9	-4.66	95	---	4.7	4.74	No change,,,,,,,
GHGFLARE	GHGFLARE	1/20/2015 14:36		49.5	35.4	2.6	12.5	---	85	---	-67.3	-67.36	No change,,,,,,,
GHGFLARE	GHGFLARE	2/2/2015 13:18		47.4	34.8	2.7	15.1	---	84	---	-67.7	-67.83	No change,,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
GHGFLARE	GHGFLARE	2/2/2015 13:18		47.8	34.8	2.7	14.7	-4.88	95	---	4.8	4.7	No change,,,,,,,
GHGFLARE	GHGFLARE	2/3/2015 7:25		47.3	34.6	2.9	15.2	-4.86	94	---	4.8	4.78	No change,,,,,,,
GHGFLARE	GHGFLARE	2/3/2015 7:26		47	34.5	2.9	15.6	---	84	---	-68	-68.07	No change,,,,,,,
GHGFLARE	GHGFLARE	2/3/2015 15:15		47.3	35	2.9	14.8	-4.58	95	---	4.3	4.39	No change,,,,,,,
GHGFLARE	GHGFLARE	2/3/2015 15:16		47.5	35.2	2.8	14.5	---	76	---	-67.8	-67.88	No change,,,,,,,
GHGFLARE	GHGFLARE	2/5/2015 6:22		45.5	33.7	3.2	17.6	-4.91	94	---	4.8	4.88	No change,,,,,,,
GHGFLARE	GHGFLARE	2/5/2015 6:22		45.7	33.8	3.2	17.3	---	88	---	-68.6	-68.57	No change,,,,,,,
GHGFLARE	GHGFLARE	2/27/2015 10:13		48	34.3	2.9	14.8	-4.92	92	---	4.6	4.17	No change,,,,,,,
GHGFLARE	GHGFLARE	3/10/2015 7:10		49.1	35.3	3	12.6	---	80	---	-68.3	-68.29	No change,,,,,,,
GHGFLARE	GHGFLARE	3/10/2015 7:10		49.3	35.1	2.9	12.7	-4.45	92	---	4.4	4.1	No change,,,,,,,
GHGFLARE	GHGFLARE	3/12/2015 4:29		47.6	34.6	3.1	14.7	---	81	---	-68.2	-68.19	No change,,,,,,,
GHGFLARE	GHGFLARE	3/12/2015 4:29		47.9	34.7	3.1	14.3	-5.48	93	---	5.8	6.04	No change,,,,,,,
GHGFLARE	GHGFLARE	3/21/2015 7:55		48.5	35	2.3	14.2	-4.27	93	---	4.3	4.41	No change,,,,,,,
GHGFLARE	GHGFLARE	3/21/2015 7:56		48.2	34.8	2.4	14.6	---	80	---	-69.3	-69.16	No change,,,,,,,
GHGFLARE	GHGFLARE	3/21/2015 13:13		48.6	34.9	2.3	14.2	-4.26	96	---	4.2	4.29	No change,,,,,,,
GHGFLARE	GHGFLARE	3/21/2015 13:14		48.4	34.9	2.4	14.3	---	84	---	-69.4	-69.33	No change,,,,,,,
GHGFLARE	GHGFLARE	3/23/2015 8:52		47.2	34.4	2.5	15.9	-4.21	94	---	4.1	4.53	No change,,,,,,,
GHGFLARE	GHGFLARE	3/23/2015 8:52		47	34.3	2.5	16.2	---	82	---	-69.9	-70.11	No change,,,,,,,
GHGFLARE	GHGFLARE	3/24/2015 5:51		47.5	34.9	2.6	15	-4.76	93	---	4.7	4.88	No change,,,,,,,
GHGFLARE	GHGFLARE	3/24/2015 5:52		47.2	34.9	2.5	15.4	---	83	---	-69.2	-69.51	No change,,,,,,,
GHGFLARE	GHGFLARE	3/27/2015 7:43		46.8	34.1	2.5	16.6	---	81	---	-69.7	-69.86	No change,,,,,,,
GHGFLARE	GHGFLARE	3/27/2015 7:43		46.9	34.1	2.5	16.5	-4.34	93	---	4.4	4.84	No change,,,,,,,
GHGFLARE	GHGFLARE	4/20/2015 14:53		51.4	37.5	1.7	9.4	-4.4	100	---	4.3	4.44	No change,,,,,,,
GHGFLARE	GHGFLARE	4/20/2015 14:53		51.2	37.4	1.7	9.7	---	85	---	-67.2	-67.21	No change,,,,,,,
GHGFLARE	GHGFLARE	4/27/2015 8:53		47.7	35.6	2.1	14.6	-4.49	101	---	4.4	4.46	No change,,,,,,,
GHGFLARE	GHGFLARE	4/27/2015 8:54		47.6	35.5	2.1	14.8	---	94	---	-68.8	-68.72	No change,,,,,,,
GHGFLARE	GHGFLARE	4/27/2015 16:21		48.6	35.4	2.2	13.8	-4.29	104	---	4.3	4.31	No change,,,,,,,
GHGFLARE	GHGFLARE	4/27/2015 16:21		48.3	35.2	2.2	14.3	---	98	---	-67.8	-67.8	No change,,,,,,,
GHGFLARE	GHGFLARE	5/21/2015 9:57		49.7	36.4	1.7	12.2	-4.25	108	---	4.2	4.31	No change,,,,,,,
GHGFLARE	GHGFLARE	5/21/2015 9:58		49.8	36.6	1.7	11.9	---	98	---	-67.8	-67.81	No change,,,,,,,
GHGFLARE	GHGFLARE	5/22/2015 8:43		50.1	36.1	1.9	11.9	-4.46	107	---	4.2	5.45	No change,,,,,,,
GHGFLARE	GHGFLARE	5/22/2015 8:43		49.8	36	1.9	12.3	---	93	---	-67.8	-67.57	No change,,,,,,,
GHGFLARE	GHGFLARE	5/22/2015 14:31		50.6	36.6	1.6	11.2	---	101	---	-67.7	-67.78	No change,,,,,,,
GHGFLARE	GHGFLARE	5/22/2015 14:31		50.6	36.4	1.7	11.3	-3.95	110	---	4.3	4.23	No change,,,,,,,
GHGFLARE	GHGFLARE	5/23/2015 8:02		50.3	36.3	1.8	11.6	-3.99	107	---	4.2	4.37	No change,,,,,,,
GHGFLARE	GHGFLARE	5/23/2015 8:03		49.9	36.1	1.9	12.1	---	89	---	-68.4	-68.64	No change,,,,,,,
GHGFLARE	GHGFLARE	5/26/2015 8:03		51.9	37.3	1.4	9.4	---	100	---	-67.2	-67.4	No change,,,,,,,
GHGFLARE	GHGFLARE	5/26/2015 8:03		52.3	37.4	1.4	8.9	-4.36	109	---	4.2	4.16	No change,,,,,,,
GHGFLARE	GHGFLARE	6/1/2015 13:27		50.1	36.6	1.5	11.8	-4.22	111	---	4.3	4.43	No change,,,,,,,
GHGFLARE	GHGFLARE	6/1/2015 13:28		49.9	36.5	1.5	12.1	---	98	---	-67.5	-67.25	No change,,,,,,,
GHGFLARE	GHGFLARE	6/8/2015 15:51		51.7	37.7	1.3	9.3	-3.63	114	---	4	3.84	No change,Valve fully open,,,,,,
GHGFLARE	GHGFLARE	6/8/2015 15:52		51.4	37.6	1.3	9.7	---	103	---	-66	-66.16	No change,,,,,,,
GHGFLARE	GHGFLARE	6/18/2015 12:08		50.8	36.5	1.5	11.2	-4.66	116	---	4.4	4.08	No change,,,,,,,
GHGFLARE	GHGFLARE	6/18/2015 12:09		50.6	36.3	1.7	11.4	---	105	---	-67.1	-66.48	No change,,,,,,,
OUTFLARE	OUTFLARE	6/23/2015 14:45		50.8	38.5	1.6	9.1	4.91	115	148	4.3	4.1	No change,,,,,,,
IN-FLARE	IN-FLARE	6/23/2015 14:48		50.2	35.7	1.6	12.5	---	69	---	-66.4	-66.42	,,,,,,,
IN-FLARE	IN-FLARE	6/26/2015 13:42		48.1	35.2	2.3	14.4	---	67	---	-66	-66.29	No change,,,,,,,
OUTFLARE	OUTFLARE	6/26/2015 13:43		51.6	37.7	1.4	9.3	1.12	112	70	4.3	4.75	No change,,,,,,,
IN-FLARE	IN-FLARE	6/27/2015 5:50		48.4	35.1	2.1	14.4	---	64	---	-66.5	-66.41	No change,,,,,,,
OUTFLARE	OUTFLARE	6/27/2015 5:51		51.9	37.1	1.1	9.9	11.13	112	226	4.8	4.67	No change,,,,,,,
IN-FLARE	IN-FLARE	6/27/2015 11:24		48.8	33.9	2.2	15.1	---	67	---	-65.5	-65.19	No change,,,,,,,
OUTFLARE	OUTFLARE	6/27/2015 11:26		51.3	36.2	1.3	11.2	2.56	114	107	4.7	4.34	No change,,,,,,,
IN-FLARE	IN-FLARE	6/29/2015 7:58		48.9	35.9	1.9	13.3	---	65	---	-65.3	-65.46	No change,,,,,,,
OUTFLARE	OUTFLARE	6/29/2015 8:00		52.3	37.1	1	9.6	-1.17	112	---	4.6	4.2	No change,,,,,,,
IN-FLARE	IN-FLARE	6/29/2015 14:36		48.6	34	2.2	15.2	---	67	---	-64.3	-64.2	No change,,,,,,,
OUTFLARE	OUTFLARE	6/29/2015 14:38		50.7	35.8	1.2	12.3	5.61	116	159	4.4	4.61	No change,,,,,,,
OUTFLARE	OUTFLARE	7/15/2015 16:02		38.1	32.4	3	26.5	15	109	---	2.9	---	,,,,,,,
IN-FLARE	IN-FLARE	7/17/2015 11:51		48.9	35.3	2.2	13.6	---	70	---	-64.5	-64.54	No change,,,,,,,
OUTFLARE	OUTFLARE	7/17/2015 11:53		52.4	37.6	1.2	8.8	2.77	117	111	5.2	4.63	No change,,,,,,,
IN-FLARE	IN-FLARE	7/24/2015 10:47		48.6	35	2.5	13.9	---	71	---	-65	-65.13	No change,,,,,,,
OUTFLARE	OUTFLARE	7/24/2015 10:48		52.9	37.7	1.3	8.1	-4.17	119	---	4.3	4.32	No change,,,,,,,
IN-FLARE	IN-FLARE	7/27/2015 9:41		48.5	35.2	2.4	13.9	---	72	---	-65.2	-65.16	No change,,,,,,,
OUTFLARE	OUTFLARE	7/27/2015 9:43		52	37.5	1.4	9.1	-4.51	120	---	4.3	4.5	No change,,,,,,,
IN-FLARE	IN-FLARE	7/27/2015 14:28		49.6	35.7	2	12.7	---	73	---	-64.7	-64.73	No change,,,,,,,
OUTFLARE	OUTFLARE	7/27/2015 14:30		52.7	37.7	1.1	8.5	-3.73	120	---	4.1	4.31	No change,,,,,,,
IN-FLARE	IN-FLARE	7/28/2015 4:46		50	36	2.2	11.8	---	70	---	-64.4	-64.74	No change,,,,,,,
OUTFLARE	OUTFLARE	7/28/2015 4:48		53.4	38.1	1.2	7.3	-4.46	118	---	4.9	5.12	No change,,,,,,,
IN-FLARE	IN-FLARE	8/5/2015 14:23		47.2	35.2	2.4	15.2	---	73	---	-65	-64.95	,,,,,,,
OUTFLARE	OUTFLARE	8/5/2015 14:25		50.4	37.5	1.4	10.7	-4.32	122	---	4.1	4.2	,,,,,,,
IN-FLARE	IN-FLARE	8/18/2015 7:32		46.4	35.2	2.3	16.1	---	---	---	-64.5	-64.47	,,,,,,,
OUTFLARE	OUTFLARE	8/18/2015 7:36		50.5	38.1	1	10.4	-5.08	---	---	5	4.61	,,,,,,,
IN-FLARE	IN-FLARE	8/20/2015 5:48		50.3	36.1	2.1	11.5	---	70	---	-63.6	-63.68	No change,,,,,,,
OUTFLARE	OUTFLARE	8/20/2015 5:51		54.5	38.6	1.1	5.8	-6.14	119	---	6.1	6.01	No change,,,,,,,
IN-FLARE	IN-FLARE	8/21/2015 5:55		49.2	35.7	2.3	12.8	---	71	---	-64.8	-65.18	No change,,,,,,,
OUTFLARE	OUTFLARE	8/21/2015 5:57		53.2	38.2	1.2	7.4	-5.03	119	---	5.1	5.05	No change,,,,,,,
IN-FLARE	IN-FLARE	8/21/2015 13:32		52.3	34.6	3.4	9.7	---	72	---	-64.7	-64.8	No change,,,,,,,
OUTFLARE	OUTFLARE	8/21/2015 13:34		52.2	38.1	1	8.7	-4.85	120	---	4.7	4.65	No change,,,,,,,
OUTFLARE	OUTFLARE	9/14/2015 14:15		48.4	37.2	1.7	12.7	-4.9	121	---	4.7	4.7	No change,,,,,,,
IN-FLARE	IN-FLARE	9/14/2015 14:38		47.1	35.8	2.7	14.4	---	74	---	-64.5	-64.46	,,,,,,,
OUTFLARE	OUTFLARE	9/14/2015 14:40		51	37.2	1.5	10.3	-4.24	120	---	4.3	4.28	No change,,,,,,,
IN-FLARE	IN-FLARE	9/15/2015 5:38		48.4	35.5	2.6	13.5	---	75	---	-64.3	-64.36	No change,,,,,,,
OUTFLARE	OUTFLARE	9/15/2015 5:40		51.1	37.2	1.6	10.1	-4.98	118	---	4.8	4.8	No change,,,,,,,
IN-FLARE	IN-FLARE	9/15/2015 14:21		48.4	35.4	2	14.2	---	73	---	-64.7	-64.54	No change,,,,,,,
OUTFLARE	OUTFLARE	9/15/2015 14:22		51.5	37.2	1.1	10.2	-4.2	121	---	4.4	4.21	No change,,,,,,,
IN-FLARE	IN-FLARE	9/24/2015 8:56		47.2	35.8	2.2	14.8	---	70	---	-65.8	-65.77	No change,,,,,,,
OUTFLARE	OUTFLARE	9/24/2015 8:58		50.3	37.8	1.2	10.7	-4.2	118	---	4.2	4.24	No change,,,,,,,
IN-FLARE	IN-FLARE	9/30/2015 12:39		48.1	35.6	1.6	14.7	---	71	---	-65.3	-65.52	,,,,,,,
OUTFLARE	OUTFLARE	9/30/2015 12:41		51.1	37.6	0.4	10.9	-5.4	118	---	5.3	5.03	No change,,,,,,,
IN-FLARE	IN-FLARE	10/8/2015 15:30		47.5	35.9	1.5	15.1	---	70	---	-64.5	-64.24	No change,,,,,,,
OUTFLARE	OUTFLARE	10/8/2015 15:32		50.2	37.7	0.5	11.6	-4.94	117	---	5.3	5.32	No change,,,,,,,
IN-FLARE	IN-FLARE	10/21/2015 7:46		46	35.2	1.9	16.9	---	66	---	-65.2	-65.21	No change,,,,,,,
OUTFLARE	OUTFLARE	10/21/2015 7:48		49.2	37.3	0.5	13	-4.95	114	---	4.8	5.4	No change,,,,,,,
IN-FLARE	IN-FLARE	10/26/2015 12:08		46.5	34.4	2.3	16.8	---	65	---	-66	-66.38	No change,,,,,,,
OUTFLARE	OUTFLARE	10/26/2015 12:10		50	36.8	0.7	12.5	-5.06	113	---	4.7	4.79	No change,,,,,,,
IN-FLARE	IN-FLARE	10/27/2015 7:59		48.2	35.2	1.8	14.8	---	64	---	-66.5	-66.45	No change,,,,,,,
OUTFLARE	OUTFLARE	10/27/2015 8:00		51	37.2	0.6	11.2	-4.54	112	---	4.4	4.8	No change,,,,,,,
IN-FLARE	IN-FLARE	10/27/2015 14:37		49.1	36.4	1.2	13.3	---	65	---	-65.5	-65.52	No change,,,,,,,
OUTFLARE	OUTFLARE	10/27/2015 14:39		51.2	37.7	0.2	10.9	-4.58	112	---	4.4	4.28	No change,,,,,,,
IN-FLARE	IN-FLARE	11/2/2015 11:28		47.7	36.2	1.4	14.7	---	64	---	-64.5	-64.29	No change,,,,,,,
OUTFLARE	OUTFLARE	11/2/2015 11:30		50.2	37.7	0.4	11.7	-5.44	112	---	5.3	5.74	No change,,,,,,,
IN-FLARE	IN-FLARE	11/3/2015 10:01		48.1	35.6	1.8	14.5	---	63	---	-65.1	-64.91	No change,,,,,,,
OUTFLARE	OUTFLARE	11/3/2015 10:03		51.2	37.7	0.6	10.5	-5.33	111	---	5.1	5.25	No change,,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
IN-FLARE	IN-FLARE	11/3/2015 17:25		50.5	36.3	3.4	9.8	---	65	---	-64.3	-64.66	No change,,,,,,,
OUTFLARE	OUTFLARE	11/3/2015 17:26		52.4	37.9	0.2	9.5	-5.39	113	---	5.3	5.77	No change,,,,,,,
IN-FLARE	IN-FLARE	11/4/2015 13:44		49.9	36.2	1.4	12.5	---	64	---	-64.3	-64.49	No change,,,,,,,
OUTFLARE	OUTFLARE	11/4/2015 13:46		52.7	37.8	0.4	9.1	-5.91	112	---	5.7	5.3	No change,,,,,,,
IN-FLARE	IN-FLARE	11/4/2015 17:35		50.2	36.5	1.1	12.2	---	65	---	-64.2	-64.35	No change,,,,,,,
OUTFLARE	OUTFLARE	11/4/2015 17:37		52.5	37.9	0.1	9.5	-5.7	112	---	5.5	5.65	No change,,,,,,,
IN-FLARE	IN-FLARE	11/9/2015 16:45		46.8	35.7	1.8	15.7	---	64	---	-66.2	-66.21	No change,,,,,,,
OUTFLARE	OUTFLARE	11/9/2015 16:47		49.3	37.5	0.6	12.6	-3.66	112	---	4.2	4.16	No change,,,,,,,
IN-FLARE	IN-FLARE	11/18/2015 12:42		49.9	37.2	1.2	11.7	---	61	---	-64	-64.1	No change,,,,,,,
OUTFLARE	OUTFLARE	11/18/2015 12:44		52.8	39.1	0.1	8	-4.31	109	---	4.2	4.28	No change,,,,,,,
IN-FLARE	IN-FLARE	12/11/2015 13:40		47.1	35.2	1.7	16	---	---	---	-66.2	-66.12	No change,,,,,,,
OUTFLARE	OUTFLARE	12/11/2015 13:44		49.3	36.5	0.6	13.6	-4.83	101	---	4.9	5.16	No change,,,,,,,
IN-FLARE	IN-FLARE	12/21/2015 8:01		47	34.8	1.4	16.8	---	52	---	-66.5	-66.28	No change,,,,,,,
OUTFLARE	OUTFLARE	12/21/2015 8:04		49.5	36.2	0.1	14.2	-5.41	98	---	5.2	4.63	No change,,,,,,,
IN-FLARE	IN-FLARE	12/21/2015 15:36		48.6	35.1	1	15.3	---	52	---	-66.8	-66.71	No change,,,,,,,
OUTFLARE	OUTFLARE	12/21/2015 15:38		50.7	36.3	0	13	-4.47	99	---	4.4	4.27	No change,,,,,,,
IN-FLARE	IN-FLARE	12/23/2015 8:01		48.8	35.6	0.8	14.8	---	52	---	-65.3	-65.49	No change,,,,,,,
OUTFLARE	OUTFLARE	12/23/2015 8:03		51.4	37.3	0	11.3	-5.26	98	---	5.3	5.14	No change,,,,,,,
IN-FLARE	IN-FLARE	12/23/2015 14:07		51.5	37.2	0.5	10.8	---	52	---	-63.9	-64.2	No change,,,,,,,
OUTFLARE	OUTFLARE	12/23/2015 14:09		53.3	38.3	0	8.4	-5.56	98	---	5.6	5.26	No change,,,,,,,
IN-FLARE	IN-FLARE	12/28/2015 13:29		48	35	1.3	15.7	---	50	---	-66.9	-66.9	No change,,,,,,,
OUTFLARE	OUTFLARE	12/28/2015 13:31		50.4	36.5	0.2	12.9	-6.02	97	---	5.4	5.45	No change,,,,,,,
Sector 1 Vertical Wells													
SEC1GW01	SEC1GW01	1/15/2015 13:27		58	38.8	0.1	3.1	0.32	35	22	-1	-20.46	Opened valve 1/2 turn or less,,,,,,,
SEC1GW01	SEC1GW01	2/2/2015 14:42		40.9	35.5	0	23.6	-0.35	31	---	-1.8	-21.68	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC1GW01	SEC1GW01	3/21/2015 8:53		46.3	35.9	0.1	17.7	0.03	46	6	-0.9	-36.72	Closed valve 1/2 turn or less,,,,,,,
SEC1GW01	SEC1GW01	4/27/2015 9:47		60.3	39	0.6	0.1	0.04	63	7	-0.1	-18.43	Opened valve 1/2 turn or less,,,,,,,
SEC1GW01	SEC1GW01	5/21/2015 13:53		44.1	35.6	0.5	19.8	0.02	70	4	-2.9	-22.07	Closed valve 1/2 turn or less,,,,,,,
SEC1GW01	SEC1GW01	6/23/2015 15:39		56.9	36.1	1.3	5.7	1.47	88	47	-0.2	-28.47	Opened valve 1/2 turn or less,,,,,,,
SEC1GW01	SEC1GW01	7/24/2015 12:52		25.6	29.2	0.1	45.1	0.08	83	9	-2.6	-21.71	Closed valve 1/2 turn or less,,,,,,,
SEC1GW01	SEC1GW01	8/18/2015 8:45		59.4	38.6	0	2	0.06	70	9	-0.1	-23	Opened valve 1/2 turn or less,,,,,,,
SEC1GW01	SEC1GW01	9/14/2015 15:42		37.7	35.2	0	27.1	0.02	82	5	-1.7	-12.18	Closed valve 1/2 turn or less,,,,,,,
SEC1GW01	SEC1GW01	10/26/2015 13:11		61.4	38.5	0	0.1	0.03	55	7	-1.1	-17.6	Opened valve 1/2 turn or less,,,,,,,
SEC1GW01	SEC1GW01	11/2/2015 12:31		41.4	38.7	0	19.9	0.07	61	9	-3.9	-19.5	Closed valve 1/2 turn or less,,,,,,,
SEC1GW01	SEC1GW01	12/21/2015 9:15		38.8	35.8	0	25.4	0.33	42	21	-1.5	-20.98	Closed valve 1/2 turn or less,,,,,,,
SEC1GW02	SEC1GW02	1/15/2015 13:29		54.2	38.1	0.1	7.6	-2.18	47	---	-1.1	-19.7	Opened valve 1/2 turn or less,,,,,,,
SEC1GW02	SEC1GW02	2/2/2015 14:45		48.2	37.8	0	14	-2	41	---	-1.5	-22.12	Closed valve 1/2 turn or less,,,,,,,
SEC1GW02	SEC1GW02	3/21/2015 8:55		48	37.3	0	14.7	-1.81	46	---	-1.7	-37.5	Closed valve 1/2 turn or less,,,,,,,
SEC1GW02	SEC1GW02	4/27/2015 9:49		50.3	36.9	0.1	12.7	-1.22	59	---	-0.7	-18.36	No change,,,,,,,
SEC1GW02	SEC1GW02	5/21/2015 13:57		53.7	38.4	0.1	7.8	0.02	70	5	-0.5	-22.43	No change,,,,,,,
SEC1GW02	SEC1GW02	6/23/2015 15:42		57.8	39.2	0.1	2.9	6.32	80	99	-0.7	-27.77	Opened valve 1/2 turn or less,,,,,,,
SEC1GW02	SEC1GW02	7/24/2015 12:54		41.7	35.6	0.1	22.6	0.13	68	13	-3.3	-22.56	Closed valve 1/2 turn or less,,,,,,,
SEC1GW02	SEC1GW02	8/18/2015 8:51		52.7	39	0	8.3	0.08	69	10	-0.1	-22.66	No change,,,,,,,
SEC1GW02	SEC1GW02	9/14/2015 15:46		44.5	38.4	0	17.1	0.04	78	6	-1.7	-12.63	Closed valve 1/2 turn or less,,,,,,,
SEC1GW02	SEC1GW02	10/26/2015 13:14		57.8	42.1	0	0.1	0.06	55	9	-0.1	-16.71	Opened valve 1/2 turn or less,,,,,,,
SEC1GW02	SEC1GW02	11/2/2015 12:33		50.4	40.3	0	9.3	0.12	58	13	-3.9	-19.74	No change,,,,,,,
SEC1GW02	SEC1GW02	12/21/2015 9:18		41.6	36	0	22.4	0.29	48	20	-5	-21.35	Closed valve 1/2 turn or less,,,,,,,
SEC1GW03	SEC1GW03	1/15/2015 13:24		59.4	40.3	0.1	0.2	-0.42	45	---	-5.7	-9.31	Opened 1/2 to 1 turn,,,,,,,
SEC1GW03	SEC1GW03	2/2/2015 14:38		45.3	37.8	0	16.9	-0.26	44	---	-9	-21.49	Closed valve 1/2 turn or less,,,,,,,
SEC1GW03	SEC1GW03	3/21/2015 8:49		41.3	34.9	0.1	23.7	-0.73	47	---	-3.9	-35.18	Closed valve 1/2 turn or less,,,,,,,
SEC1GW03	SEC1GW03	4/27/2015 9:45		57	39.1	0.2	3.7	0.04	61	7	-1.9	-17.67	Opened valve 1/2 turn or less,,,,,,,
SEC1GW03	SEC1GW03	5/21/2015 11:31		53.8	38.9	0.3	7	0.04	66	7	-5.7	-22.78	No change,,,,,,,
SEC1GW03	SEC1GW03	6/23/2015 15:35		58.9	40.9	0	0.2	7.75	78	109	-7.8	-28.84	Opened valve 1/2 turn or less,,,,,,,
SEC1GW03	SEC1GW03	7/24/2015 12:48		48.6	39.3	0.4	11.7	0.1	78	11	-9.1	-21.23	Closed valve 1/2 turn or less,,,,,,,
SEC1GW03	SEC1GW03	8/18/2015 8:41		56.1	42.1	0	1.8	0.06	68	9	-6	-23.18	Opened valve 1/2 turn or less,,,,,,,
SEC1GW03	SEC1GW03	9/14/2015 15:40		52.9	41.2	0.3	5.6	0.03	82	6	-6.3	-11.88	No change,,,,,,,
SEC1GW03	SEC1GW03	10/26/2015 13:08		57.6	42.3	0	0.1	0.06	57	9	-6.2	-17.86	Opened valve 1/2 turn or less,,,,,,,
SEC1GW03	SEC1GW03	11/2/2015 13:05		51.9	41.8	0	6.3	0.1	64	11	-9	-17.91	No change,,,,,,,
SEC1GW03	SEC1GW03	12/21/2015 9:13		52.9	39.6	0	7.5	0.04	46	7	-12.8	-20.5	No change,,,,,,,
SEC1GW04	SEC1GW04	1/15/2015 13:31		51.8	36.7	0.1	11.4	-2.07	43	---	-0.7	-20.11	No change,,,,,,,
SEC1GW04	SEC1GW04	2/2/2015 14:48		43.9	35.4	0	20.7	-0.77	31	---	-0.4	-12.81	No change,Valve barely open,,,,,,
SEC1GW04	SEC1GW04	3/21/2015 8:57		38.1	32.1	0	29.8	-1.2	44	---	-0.3	-37.35	No change,Valve barely open,,,,,,
SEC1GW04	SEC1GW04	4/27/2015 9:52		37	31.9	0.1	31	0.04	62	7	-0.3	-15.68	Closed valve 1/2 turn or less,,,,,,,
SEC1GW04	SEC1GW04	5/21/2015 14:00		62.6	37.2	0	0.2	0.05	75	8	-0.4	-9.07	Opened valve 1/2 turn or less,,,,,,,
SEC1GW04	SEC1GW04	6/23/2015 15:45		37.5	35.8	0.1	26.6	8.9	74	114	-2.4	-26.99	Closed valve 1/2 turn or less,,,,,,,
SEC1GW04	SEC1GW04	7/24/2015 12:57		46.5	38.7	0	14.8	0.07	77	9	-1.2	-8.04	Closed valve 1/2 turn or less,,,,,,,
SEC1GW04	SEC1GW04	8/18/2015 8:54		56	42.2	0	1.8	0.09	71	11	-0.1	-20.37	Opened valve 1/2 turn or less,,,,,,,
SEC1GW04	SEC1GW04	9/14/2015 15:50		39	38.3	0	22.7	0.05	75	7	-2.9	-11.82	Closed valve 1/2 turn or less,,,,,,,
SEC1GW04	SEC1GW04	10/26/2015 13:16		59	40.9	0	0.1	0.05	56	8	-0.1	-15.28	Opened valve 1/2 turn or less,,,,,,,
SEC1GW04	SEC1GW04	11/2/2015 12:36		44.6	41.2	0	14.2	0.09	60	11	-2.6	-15.75	Closed valve 1/2 turn or less,,,,,,,
SEC1GW04	SEC1GW04	12/21/2015 9:21		39.5	35.6	0	24.9	0.03	43	6	-2.2	-14.57	Closed valve 1/2 turn or less,,,,,,,
SEC1GW05	SEC1GW05	1/15/2015 14:18		50.6	38.6	0	10.8	-0.68	49	---	-0.9	-17.48	No change,,,,,,,
SEC1GW05	SEC1GW05	2/2/2015 15:12		46.6	38.3	0	15.1	0.04	47	7	-0.3	-23.63	Closed valve 1/2 turn or less,,,,,,,
SEC1GW05	SEC1GW05	3/21/2015 9:23		46.6	36.9	0.1	16.4	0.68	54	31	-2	-37.78	Closed valve 1/2 turn or less,,,,,,,
SEC1GW05	SEC1GW05	4/27/2015 10:13		38	34.4	0	27.6	0.11	56	12	-1.4	-18.1	Closed valve 1/2 turn or less,,,,,,,
SEC1GW05	SEC1GW05	5/21/2015 14:20		50.7	37.8	0	11.5	0.04	67	7	-0.1	-23	No change,,,,,,,
SEC1GW05	SEC1GW05	6/23/2015 16:09		49.8	38.8	0	11.4	8.87	74	116	-0.4	-30.43	No change,,,,,,,
SEC1GW05	SEC1GW05	7/24/2015 13:20		43.8	36.7	0	19.5	0.08	78	10	-0.3	-18.4	Closed valve 1/2 turn or less,,,,,,,
SEC1GW05	SEC1GW05	8/18/2015 9:26		54.4	40.1	0	5.5	0.5	74	26	-0.1	-21.32	Opened valve 1/2 turn or less,,,,,,,
SEC1GW05	SEC1GW05	9/14/2015 16:54		37.7	34.9	0	27.4	0.22	65	17	-2.5	-12.3	Closed valve 1/2 turn or less,,,,,,,
SEC1GW05	SEC1GW05	10/26/2015 13:36		56.4	41	0	2.6	0.25	55	19	-0.1	-14.13	Opened valve 1/2 turn or less,,,,,,,
SEC1GW05	SEC1GW05	11/2/2015 12:55		42	38.9	0	19.1	0.49	59	26	-2.5	-22.52	Closed valve 1/2 turn or less,,,,,,,
SEC1GW05	SEC1GW05	12/21/2015 9:43		39.3	35.9	0	24.8	0.4	50	24	-2.1	-19.53	Closed valve 1/2 turn or less,,,,,,,
SEC1GW06	SEC1GW06	1/15/2015 13:21		58.9	40.7	0	0.4	0.04	44	7	-1.7	-20.07	Opened valve 1/2 turn or less,,,,,,,
SEC1GW06	SEC1GW06	2/2/2015 14:34		34.9	34.9	0.2	30	0.01	38	3	-4.4	-21.07	Closed valve 1/2 turn or less,,,,,,,
SEC1GW06	SEC1GW06	3/21/2015 8:46		37.7	33.9	0.3	28.1	0.05	50	8	-5.5	-34.69	Closed valve 1/2 turn or less,,,,,,,
SEC1GW06	SEC1GW06	4/27/2015 9:42		53	37.9	0.4	8.7	0.03	61	6	-2	-18.48	No change,,,,,,,
SEC1GW06	SEC1GW06	5/21/2015 11:29		46.5	36.5	0.8	16.2	0.03	68	6	-1.6	-22.93	Closed valve 1/2 turn or less,,,,,,,
SEC1GW06	SEC1GW06	6/23/2015 15:33		56.9	39.5	0	3.6	9.16	85	119	-1.2	-28.88	Opened valve 1/2 turn or less,,,,,,,
SEC1GW06	SEC1GW06	7/24/2015 12:45		36.4	34.1	0.1	29.4	0.07	85	9	-4.3	-20.79	Closed valve 1/2 turn or less,,,,,,,
SEC1GW06	SEC1GW06	8/18/2015 8:38		57.3	41.7	0	1	0.06	69	8	-0.1	-23.34	Opened valve 1/2 turn or less,,,,,,,
SEC1GW06	SEC1GW06	9/14/2015 15:37		39.6	37.1	0	23.3	0.04	83	6	-4.8	-11.59	Closed valve 1/2 turn or less,,,,,,,
SEC1GW06	SEC1GW06	10/26/2015 13:05		57.8	42.1	0	0.1	0.04	54	7	-0.2	-17.37	Opened valve 1/2 turn or less,,,,,,,
SEC1GW06	SEC1GW06	11/2/2015 12:28		45	41.2	0	13.8	0.07	63	9	-6	-18.9	Closed valve 1/2 turn or less,,,,,,,
SEC1GW06	SEC1GW06	12/21/2015 9:10		56.4	41.6	0	2	0.02	41	5	-1.2	-20.27	Opened valve 1/2 turn or less,,,,,,,
SEC1GW07	SEC1GW07	1/15/2015 13:18		57.7	41.2	0.1	1	0.04	42	7	-5.6	-19.15	Opened valve 1/2 turn or less,,,,,,,
SEC1GW07	SEC1GW07	2/2/2015 14:30		40.6	37.1	0	22.3	-0.19	41	---	-7.9	-20.41	Closed valve 1/2 turn or less,,,,,,,
SEC1GW07	SEC1GW07	3/24/2015 6:03		41.2	38.1	0.3	20.4	0.38	50	22	-33.4	-36.46	Closed valve 1/2 turn or less,,,,,,,
SEC1GW07	SEC1GW07	4/27/2015 9:40		21.8	28.1	0.8	49.3	0.18	57	15	-14.6	-17.74	Closed valve 1/2 turn or less,,,,,,,
SEC1GW07	SEC1GW07	5/21/2015 11:27		31.8	31.9	0.5	35.8	0.05	62	8	-8.3	-22.16	Closed valve 1/2 turn or less,,,,,,,
SEC1GW07	SEC1GW07	6/23/2015 15:30		51.8	39.2	0	9	5.46	78	90	-4.7	-28.86	No change,,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
SEC1GW07	SEC1GW07	7/24/2015 12:42		48.3	39.8	0.1	11.8	0.08	80	10	-4.1	-20.02	Closed valve 1/2 turn or less,,,,,,,
SEC1GW07	SEC1GW07	8/18/2015 8:34		57.2	42.5	0	0.3	0.09	69	11	-0.1	-23.63	Opened valve 1/2 turn or less,,,,,,,
SEC1GW07	SEC1GW07	9/14/2015 15:35		46.6	40	0	13.4	0.04	80	7	-5.3	-11.34	Closed valve 1/2 turn or less,,,,,,,
SEC1GW07	SEC1GW07	10/26/2015 13:02		57	42.9	0	0.1	0.07	56	10	-5.4	-17.23	Opened valve 1/2 turn or less,,,,,,,
SEC1GW07	SEC1GW07	11/2/2015 12:26		52.5	42.5	0	5	0.09	61	10	-10.3	-18.61	No change,,,,,,,
SEC1GW07	SEC1GW07	12/21/2015 9:07		43.8	37.7	0	18.5	0.05	46	8	-12.3	-19.79	Closed valve 1/2 turn or less,,,,,,,
SEC1GW08	SEC1GW08	1/15/2015 14:21		51.6	38.4	0.1	9.9	0.66	56	31	-6.1	-16.75	No change,,,,,,,
SEC1GW08	SEC1GW08	2/2/2015 15:15		54.7	39.6	0	5.7	0.05	54	8	-6.4	-22.1	Opened valve 1/2 turn or less,,,,,,,
SEC1GW08	SEC1GW08	3/26/2015 15:01		55.5	38	0.1	6.4	1.2	57	42	-11	-17.65	Opened valve 1/2 turn or less,,,,,,,
SEC1GW08	SEC1GW08	4/27/2015 10:17		42.1	36.1	0	21.8	0.58	60	28	-10.3	-17.59	Closed valve 1/2 turn or less,,,,,,,
SEC1GW08	SEC1GW08	5/21/2015 14:23		48.2	36.7	0	15.1	0.94	61	37	-8.4	-21.78	Closed valve 1/2 turn or less,,,,,,,
SEC1GW08	SEC1GW08	6/23/2015 16:11		52.6	38.2	0	9.2	9.34	64	120	-9.2	-28.94	No change,,,,,,,
SEC1GW08	SEC1GW08	7/24/2015 13:23		52.7	38.6	0	8.7	0.52	64	27	-6.7	-16.94	No change,,,,,,,
SEC1GW08	SEC1GW08	8/18/2015 9:30		55.9	39.9	0	4.2	0.54	61	28	-6.8	-20.01	Opened valve 1/2 turn or less,,,,,,,
SEC1GW08	SEC1GW08	9/14/2015 16:57		55.1	40.1	0	4.8	0.39	65	23	-7	-11.46	Opened valve 1/2 turn or less,,,,,,,
SEC1GW08	SEC1GW08	10/26/2015 13:39		58.9	41	0	0.1	0.94	59	37	-8.6	-12.48	Opened valve 1/2 turn or less,,,,,,,
SEC1GW08	SEC1GW08	11/2/2015 12:57		55.2	40.2	0	4.6	1.79	60	51	-9.7	-14.3	Opened valve 1/2 turn or less,,,,,,,
SEC1GW08	SEC1GW08	12/21/2015 9:47		48.8	39	0	12.2	1.52	57	47	-14.8	-17.31	Closed valve 1/2 turn or less,,,,,,,
SEC1GW09	SEC1GW09	1/15/2015 13:13		58.3	41.3	0.1	0.3	-0.6	48	---	-7.5	-21.4	No change,,,,,,,
SEC1GW09	SEC1GW09	2/2/2015 14:27		50.4	39.7	0	9.9	-0.42	42	---	-5.6	-20.89	No change,,,,,,,
SEC1GW09	SEC1GW09	3/21/2015 8:41		49.3	37.9	0.1	12.7	0.16	50	15	-7.2	-33.09	Closed valve 1/2 turn or less,,,,,,,
SEC1GW09	SEC1GW09	4/27/2015 9:37		36	34	0.3	29.7	0.1	55	11	-6.5	-17.9	Closed valve 1/2 turn or less,,,,,,,
SEC1GW09	SEC1GW09	5/21/2015 11:24		45	36.9	0.3	17.8	0.05	62	8	-2.3	-22.4	Closed valve 1/2 turn or less,,,,,,,
SEC1GW09	SEC1GW09	6/23/2015 15:27		56.7	43.1	0	0.2	5.62	77	92	-1.4	-29.75	Opened valve 1/2 turn or less,,,,,,,
SEC1GW09	SEC1GW09	7/24/2015 12:39		56.6	42	0.3	1.1	0.08	79	10	-3.7	-20.23	Opened valve 1/2 turn or less,,,,,,,
SEC1GW09	SEC1GW09	8/18/2015 8:30		55.7	43.1	0	1.2	0.07	66	9	-4.8	-24.73	Opened valve 1/2 turn or less,,,,,,,
SEC1GW09	SEC1GW09	9/14/2015 15:31		56.1	43	0	0.9	0.05	78	8	-7	-11.45	Opened valve 1/2 turn or less,,,,,,,
SEC1GW09	SEC1GW09	10/26/2015 12:59		53.1	42	0	4.9	0.11	58	12	-7.9	-17.78	No change,,,,,,,
SEC1GW09	SEC1GW09	11/2/2015 12:24		52.7	42.5	0	4.8	0.14	61	13	-8.6	-18.89	No change,,,,,,,
SEC1GW09	SEC1GW09	12/21/2015 9:05		51.4	40	0	8.6	0.05	47	8	-14.6	-20.68	No change,,,,,,,
SEC1GW10	SEC1GW10	1/15/2015 13:03		40.9	35.6	0.4	23.1	0	72	---	-1.6	-20.71	Closed valve 1/2 turn or less,,,,,,,
SEC1GW10	SEC1GW10	2/2/2015 14:16		48.1	38.5	0.1	13.3	-0.03	67	---	-0.9	-21.28	Closed valve 1/2 turn or less,,,,,,,
SEC1GW10	SEC1GW10	3/21/2015 8:27		52.8	38.2	0.3	8.7	0.12	72	12	-1.9	-30.48	No change,,,,,,,
SEC1GW10	SEC1GW10	4/27/2015 9:29		26.8	30.1	1.1	42	0.07	78	9	-1.9	-16.26	Closed valve 1/2 turn or less,,,,,,,
SEC1GW10	SEC1GW10	5/21/2015 13:49		56.9	42.6	0.3	0.2	0.03	77	6	-0.3	-22.28	Opened valve 1/2 turn or less,,,,,,,
SEC1GW10	SEC1GW10	6/23/2015 15:18		33.1	32.5	0.7	33.7	11.21	87	127	-1.9	-29.39	Closed valve 1/2 turn or less,,,,,,,
SEC1GW10	SEC1GW10	7/24/2015 12:30		43.4	36.4	0.1	20.1	0.09	86	10	-0.7	-20.7	Closed valve 1/2 turn or less,,,,,,,
SEC1GW10	SEC1GW10	8/18/2015 8:21		54.2	40.7	0	5.1	0.16	74	14	0	-25.83	Opened valve 1/2 turn or less,,,,,,,
SEC1GW10	SEC1GW10	9/14/2015 15:23		45	37.6	0	17.4	0.07	84	9	-1.3	-11.62	Closed valve 1/2 turn or less,,,,,,,
SEC1GW10	SEC1GW10	10/26/2015 12:52		57.9	41.9	0	0.2	0.17	60	15	-0.1	-18.41	Opened valve 1/2 turn or less,,,,,,,
SEC1GW10	SEC1GW10	11/2/2015 12:15		46.9	40.8	0	12.3	0.2	80	16	-1.6	-18.76	Closed valve 1/2 turn or less,,,,,,,
SEC1GW10	SEC1GW10	12/21/2015 8:57		34.5	33.7	0	31.8	0.08	67	10	-2.3	-20.02	Closed valve 1/2 turn or less,,,,,,,
SEC1GW11	SEC1GW11	1/15/2015 13:07		48.4	37.9	0.1	13.6	-1.04	55	---	-3.5	-20.8	Closed valve 1/2 turn or less,,,,,,,
SEC1GW11	SEC1GW11	2/2/2015 14:21		56.6	40.4	0	3	-0.78	52	---	-2.3	-20.81	Opened valve 1/2 turn or less,,,,,,,
SEC1GW11	SEC1GW11	3/21/2015 8:37		57.8	40.2	0.1	1.9	0.92	57	37	-9.8	-24.37	Opened valve 1/2 turn or less,,,,,,,
SEC1GW11	SEC1GW11	4/27/2015 9:32		30	31.7	0.2	38.1	1.04	60	38	-9.4	-16.93	Closed valve 1/2 turn or less,,,,,,,
SEC1GW11	SEC1GW11	5/21/2015 11:19		39.3	34.4	0.3	26	0.71	61	31	-7.4	-20.81	Closed valve 1/2 turn or less,,,,,,,
SEC1GW11	SEC1GW11	6/23/2015 15:20		50.2	38.3	0.1	11.4	8.38	68	113	-4.6	-30	No change,,,,,,,
SEC1GW11	SEC1GW11	7/24/2015 12:34		54.3	40.3	0.1	5.3	0.19	67	16	-4.1	-20.61	Opened valve 1/2 turn or less,,,,,,,
SEC1GW11	SEC1GW11	8/18/2015 8:24		56	42.4	0	1.6	0.38	62	23	-6.3	-25.18	Opened valve 1/2 turn or less,,,,,,,
SEC1GW11	SEC1GW11	9/14/2015 15:26		54.2	41.5	0	4.3	0.18	71	15	-5.7	-11.33	Opened valve 1/2 turn or less,,,,,,,
SEC1GW11	SEC1GW11	10/26/2015 12:54		56.8	43.1	0	0.1	0.94	60	37	-9.3	-16.95	Opened valve 1/2 turn or less,,,,,,,
SEC1GW11	SEC1GW11	11/2/2015 12:18		54.8	42.8	0	2.4	0.75	62	32	-12	-17.5	Opened valve 1/2 turn or less,,,,,,,
SEC1GW11	SEC1GW11	12/21/2015 9:00		46.8	38.7	0	14.5	0.92	57	36	-16.4	-19.83	Closed valve 1/2 turn or less,,,,,,,
SEC1GW12	SEC1GW12	1/15/2015 13:11		53	38.1	1.3	7.6	-0.38	46	---	-12.6	-21.03	No change,,,,,,,
SEC1GW12	SEC1GW12	2/2/2015 14:25		56.4	41.3	0.1	2.2	0.23	41	18	-11.5	-20.75	Opened valve 1/2 turn or less,,,,,,,
SEC1GW12	SEC1GW12	3/21/2015 8:34		59.2	40.1	0.4	0.3	-0.13	47	---	-10.5	-16.21	Opened valve 1/2 turn or less,,,,,,,
SEC1GW12	SEC1GW12	4/27/2015 9:34		23.8	29.5	0.7	46	0.06	54	8	-13.4	-17.5	Closed valve 1/2 turn or less,,,,,,,
SEC1GW12	SEC1GW12	5/21/2015 11:22		33.7	32.1	0.7	33.5	0.08	60	10	-14.1	-22.06	Closed valve 1/2 turn or less,,,,,,,
SEC1GW12	SEC1GW12	6/23/2015 15:24		54.9	40.9	0.1	4.1	7.38	71	105	-14.1	-29.98	Opened valve 1/2 turn or less,,,,,,,
SEC1GW12	SEC1GW12	7/24/2015 12:36		56.2	41.1	0.2	2.5	-0.16	79	---	-15.9	-20.29	Opened valve 1/2 turn or less,,,,,,,
SEC1GW12	SEC1GW12	8/18/2015 8:28		55.9	42.1	0.2	1.8	0.18	67	15	-22.8	-24.73	Opened valve 1/2 turn or less,,,,,,,
SEC1GW12	SEC1GW12	9/14/2015 15:28		57.6	42.3	0	0.1	0.09	80	10	-11.1	-11.45	Opened valve 1/2 turn or less,Valve fully open,,,,,,
SEC1GW12	SEC1GW12	10/26/2015 12:57		56.9	43	0	0.1	0.01	56	4	-17.6	-17.65	Opened valve 1/2 turn or less,Valve fully open,,,,,,
SEC1GW12	SEC1GW12	11/2/2015 12:21		56	42.7	0	1.3	-0.04	61	---	-18.8	-18.63	No change,Valve fully open,,,,,
SEC1GW12	SEC1GW12	12/21/2015 9:03		57.9	41.6	0	0.5	0.27	45	19	-20.7	-20.61	No change,,,,,,,
SEC1GW13	SEC1GW13	1/15/2015 11:01		55.9	39.8	0.1	4.2	-1.8	45	---	-0.1	-22.21	Opened valve 1/2 turn or less,,,,,,,
SEC1GW13	SEC1GW13	2/2/2015 14:13		45.2	37.6	0	17.2	-0.41	54	---	-0.5	-21.46	No change,,,,,,,
SEC1GW13	SEC1GW13	3/21/2015 8:25		44.4	35.6	0.3	19.7	0.01	61	3	-1.3	-32.65	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC1GW13	SEC1GW13	4/27/2015 9:25		12.8	22.2	2.7	62.3	0.06	66	8	-1.7	-15.91	Closed valve 1/2 turn or less,,,,,,,
SEC1GW13	SEC1GW13	5/21/2015 11:16		55.8	39.4	0.2	4.6	0.17	71	15	-0.1	-20.59	Opened valve 1/2 turn or less,,,,,,,
SEC1GW13	SEC1GW13	6/23/2015 15:15		31.4	31.6	1.1	35.9	9.35	79	116	-3	-28.06	Closed valve 1/2 turn or less,,,,,,,
SEC1GW13	SEC1GW13	7/24/2015 12:22		55.5	38.4	0	6.1	0.08	84	10	-0.3	-20.86	Opened valve 1/2 turn or less,,,,,,,
SEC1GW13	SEC1GW13	8/18/2015 8:17		41.2	36.6	0	22.2	0.08	72	10	-1.5	-26.34	Closed valve 1/2 turn or less,,,,,,,
SEC1GW13	SEC1GW13	9/14/2015 15:19		56.7	39.4	0	3.9	0.03	81	6	-0.2	-11.33	Opened valve 1/2 turn or less,,,,,,,
SEC1GW13	SEC1GW13	10/26/2015 12:48		34.4	35	0	30.6	0.05	64	8	-1.6	-18.89	Closed valve 1/2 turn or less,,,,,,,
SEC1GW13	SEC1GW13	11/2/2015 12:13		45.5	37.3	0	17.2	0.46	67	25	-0.6	-18.76	Closed valve 1/2 turn or less,,,,,,,
SEC1GW13	SEC1GW13	12/21/2015 8:54		50.8	39.2	0	10	0.02	41	5	-0.6	-19.89	No change,,,,,,,
SEC1GW14	SEC1GW14	1/15/2015 10:57		58.5	41.2	0.1	0.2	0.18	52	16	-1	-19.26	Opened valve 1/2 turn or less,,,,,,,
SEC1GW14	SEC1GW14	2/2/2015 14:10		44	37.8	0	18.2	0.56	62	28	-1.6	-21.08	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC1GW14	SEC1GW14	3/21/2015 8:22		47.1	37.8	0.1	15	0.33	65	21	-3	-32.79	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC1GW14	SEC1GW14	4/27/2015 9:21		39.6	34.7	0.2	25.5	0.1	66	12	-2	-15.53	Closed valve 1/2 turn or less,,,,,,,
SEC1GW14	SEC1GW14	5/21/2015 11:13		57.6	42.1	0.1	0.2	0.09	68	11	-0.1	-23.08	Opened valve 1/2 turn or less,,,,,,,
SEC1GW14	SEC1GW14	6/23/2015 15:12		37.3	35	0.1	27.6	8.84	78	114	-2.5	-27	Closed valve 1/2 turn or less,,,,,,,
SEC1GW14	SEC1GW14	7/24/2015 12:19		58.4	40.4	0	1.2	0.13	84	13	-0.1	-21.62	Opened valve 1/2 turn or less,,,,,,,
SEC1GW14	SEC1GW14	8/18/2015 8:14		38	36.2	0	25.8	0.11	71	12	-2.1	-25.54	Closed valve 1/2 turn or less,,,,,,,
SEC1GW14	SEC1GW14	9/14/2015 15:16		57.8	39.8	0	2.4	0.17	81	15	-0.1	-11.57	Opened valve 1/2 turn or less,,,,,,,
SEC1GW14	SEC1GW14	10/26/2015 12:43		37.4	35.5	0	27.1	0.15	71	14	-3.4	-18.46	Closed valve 1/2 turn or less,,,,,,,
SEC1GW14	SEC1GW14	11/2/2015 12:11		44.9	37.4	0	17.7	0.1	71	12	-1.3	-18.51	Closed valve 1/2 turn or less,,,,,,,
SEC1GW14	SEC1GW14	12/21/2015 8:52		55.8	41.3	0	2.9	0.25	52	19	-0.7	-19.96	Opened valve 1/2 turn or less,,,,,,,
SEC1GW15	SEC1GW15	1/15/2015 10:51		64.8	34.8	0.2	0.2	9.58	33	129	-11.8	-24.24	Opened valve 1/2 turn or less,,,,,,,
SEC1GW15	SEC1GW15	2/2/2015 14:06		34.5	32.5	0	33	-0.18	30	---	-1	-19.42	No change,Valve barely open,,,,,,
SEC1GW15	SEC1GW15	3/21/2015 8:19		34.4	31.3	0.1	34.2	0.18	40	16	-2.5	-31.74	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC1GW15	SEC1GW15	4/27/2015 9:18		64.1	35.5	0.3	0.1	0.04	57	8	-0.3	-14.77	Opened valve 1/2 turn or less,,,,,,,
SEC1GW15	SEC1GW15	5/21/2015 11:11		29.3	29.1	0.2	41.4	0.07	55	9	-3.9	-24.15	Closed valve 1/2 turn or less,,,,,,,
SEC1GW15	SEC1GW15	6/23/2015 15:10		27.6	26.9	0.1	45.4	8.91	74	114	-2.5	-25.54	Closed valve 1/2 turn or less,,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
SEC1GW15	SEC1GW15	7/24/2015 12:16		57.6	31.8	0	10.6	0.09	83	11	-0.1	-22.8	Opened valve 1/2 turn or less,,,,,,,
SEC1GW15	SEC1GW15	8/18/2015 8:11		24.6	30.1	0	45.3	0.07	64	9	-3.7	-24.58	Closed valve 1/2 turn or less,,,,,,,
SEC1GW15	SEC1GW15	9/14/2015 15:13		65.3	34.5	0	0.2	0.16	83	15	-0.1	-12.47	Opened valve 1/2 turn or less,,,,,,,
SEC1GW15	SEC1GW15	10/26/2015 12:41		24.8	30.3	0	44.9	0.12	53	12	-6.9	-17.58	Closed valve 1/2 turn or less,,,,,,,
SEC1GW15	SEC1GW15	11/2/2015 12:08		34.2	31.6	0	34.2	0.06	57	9	-2.8	-18.18	Closed valve 1/2 turn or less,,,,,,,
SEC1GW15	SEC1GW15	12/21/2015 8:49		56.7	36.9	0	6.4	0.02	42	6	-1.9	-20.58	Opened valve 1/2 turn or less,,,,,,,
SEC1GW16	SEC1GW16	1/15/2015 13:34		34.9	29.5	0.1	35.5	-1.82	36	---	-1.2	-20.26	Closed valve 1/2 turn or less,,,,,,,
SEC1GW16	SEC1GW16	2/2/2015 14:51		41.8	30.9	0	27.3	2.72	28	67	-0.1	-22.35	No change,Valve barely open,,,,,,
SEC1GW16	SEC1GW16	3/21/2015 9:00		50.4	29.7	0.2	19.7	-0.3	50	---	-0.1	-37.61	No change,,,,,,,
SEC1GW16	SEC1GW16	4/27/2015 9:55		20.2	25.8	0.2	53.8	0.07	64	9	-0.4	-18.55	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC1GW16	SEC1GW16	5/21/2015 14:02		64.9	34.9	0.1	0.1	0.03	78	6	-0.1	-21.32	Opened valve 1/2 turn or less,,,,,,,
SEC1GW16	SEC1GW16	6/23/2015 15:48		14	25.7	0	60.3	6.8	75	97	-2.7	-27.85	Closed valve 1/2 turn or less,,,,,,,
SEC1GW16	SEC1GW16	7/24/2015 13:00		34.5	32	0.3	33.2	0.08	82	10	-0.8	-23.76	Closed valve 1/2 turn or less,,,,,,,
SEC1GW16	SEC1GW16	8/18/2015 8:57		63.4	34.8	0.1	1.7	0.06	72	9	-0.2	-21.36	Opened valve 1/2 turn or less,,,,,,,
SEC1GW16	SEC1GW16	9/14/2015 15:55		37.1	34.8	0.8	27.3	0.03	85	5	-1.3	-13.33	Closed valve 1/2 turn or less,,,,,,,
SEC1GW16	SEC1GW16	10/26/2015 13:19		66	32.2	0.3	1.5	0.04	56	8	-0.5	-15.61	Opened valve 1/2 turn or less,,,,,,,
SEC1GW16	SEC1GW16	11/2/2015 12:38		39.4	39.4	0	21.2	0.07	60	9	-5.6	-20.38	Closed valve 1/2 turn or less,,,,,,,
SEC1GW16	SEC1GW16	12/21/2015 9:23		51.5	31.9	3	13.6	0.03	43	6	-0.9	-21.9	No change,,,,,,,
SEC1GW17	SEC1GW17	1/15/2015 14:15		51.7	37.5	0.3	10.5	0.47	50	26	-4	-18.14	No change,,,,,,,
SEC1GW17	SEC1GW17	2/2/2015 15:08		53	38.8	0	8.2	0.54	48	28	-3.7	-23.67	No change,,,,,,,
SEC1GW17	SEC1GW17	3/26/2015 14:58		56.3	37.8	0	5.9	0.09	46	11	-1.9	-3.45	Opened valve 1/2 turn or less,,,,,,,
SEC1GW17	SEC1GW17	4/27/2015 10:10		44.8	36.8	0.1	18.3	0.6	54	29	-8.2	-17.02	Closed valve 1/2 turn or less,,,,,,,
SEC1GW17	SEC1GW17	5/21/2015 14:18		48.8	36.1	0.1	15	0.18	59	15	-3.7	-23.26	Closed valve 1/2 turn or less,,,,,,,
SEC1GW17	SEC1GW17	6/23/2015 16:06		50.6	37.8	0	11.6	9.77	64	123	-4	-31.03	No change,,,,,,,
SEC1GW17	SEC1GW17	7/24/2015 13:17		56.8	38	0	5.2	0.16	65	15	-2	-18.79	Opened valve 1/2 turn or less,,,,,,,
SEC1GW17	SEC1GW17	8/18/2015 9:20		50.6	39.5	0	9.9	0.39	58	23	-5.1	-26.59	No change,,,,,,,
SEC1GW17	SEC1GW17	9/14/2015 16:51		55.9	39.2	0	4.9	0.17	65	15	-3	-11.54	Opened valve 1/2 turn or less,,,,,,,
SEC1GW17	SEC1GW17	10/26/2015 13:32		49.8	39.3	0	10.9	0.82	55	34	-7.4	-16.43	Closed valve 1/2 turn or less,,,,,,,
SEC1GW17	SEC1GW17	11/2/2015 12:52		48.6	39.3	0	12.1	0.89	56	36	-7.5	-21.63	Closed valve 1/2 turn or less,,,,,,,
SEC1GW17	SEC1GW17	12/21/2015 9:40		54.5	39.8	0	5.7	0.58	51	29	-6.2	-19.79	Opened valve 1/2 turn or less,,,,,,,
SEC1GW18	SEC1GW18	1/19/2015 5:44		39.2	32.6	2.2	26	-7.04	29	---	-1.2	-18.73	Valve barely open,,,,,,,
SEC1GW18	SEC1GW18	2/2/2015 14:54		42.8	35.9	0.1	21.2	0.44	28	26	-0.5	-22.05	Closed valve 1/2 turn or less,,,,,,,
SEC1GW18	SEC1GW18	3/26/2015 14:55		55.1	36.9	0.4	7.6	0.02	44	4	-0.6	-5.32	Opened valve 1/2 turn or less,,,,,,,
SEC1GW18	SEC1GW18	4/27/2015 9:58		19.6	24.8	0.2	55.4	0.18	56	15	-8.2	-19.8	Closed valve 1/2 turn or less,,,,,,,
SEC1GW18	SEC1GW18	5/21/2015 14:06		32.5	26.4	0.2	40.9	0.08	69	10	-1.3	-20.33	Closed valve 1/2 turn or less,,,,,,,
SEC1GW18	SEC1GW18	6/23/2015 15:52		25.3	27.9	0	46.8	7.72	71	106	-2.9	-28.43	Closed valve 1/2 turn or less,,,,,,,
SEC1GW18	SEC1GW18	7/24/2015 13:04		54.2	34.8	0	11	0.08	86	10	-0.2	-23.06	Opened valve 1/2 turn or less,,,,,,,
SEC1GW18	SEC1GW18	8/18/2015 9:00		23.4	28.9	0	47.7	0.08	64	10	-3.9	-22.1	Closed valve 1/2 turn or less,,,,,,,
SEC1GW18	SEC1GW18	9/14/2015 16:01		52.9	35.7	0.9	10.5	0.02	89	4	-0.5	-13.35	No change,,,,,,,
SEC1GW18	SEC1GW18	10/26/2015 13:22		37.6	36.2	0	26.2	0.04	55	7	-2.1	-15.19	Closed valve 1/2 turn or less,,,,,,,
SEC1GW18	SEC1GW18	11/2/2015 12:42		38.9	36.5	0	24.6	0.05	60	8	-2	-20.5	Closed valve 1/2 turn or less,,,,,,,
SEC1GW18	SEC1GW18	12/21/2015 9:27		45.1	37.8	0	17.1	0.09	39	11	-1.9	-21.61	Closed valve 1/2 turn or less,,,,,,,
SEC1GW19	SEC1GW19	1/15/2015 13:40		61.2	38.2	0.4	0.2	-0.62	42	---	-4	-20.11	Opened valve 1/2 turn or less,,,,,,,
SEC1GW19	SEC1GW19	2/2/2015 14:59		43	35.4	0	21.6	0.36	31	23	-5.9	-22.6	Closed valve 1/2 turn or less,,,,,,,
SEC1GW19	SEC1GW19	3/21/2015 9:10		51.6	35	2.7	10.7	0.05	40	8	-0.1	-37.83	No change,,,,,,,
SEC1GW19	SEC1GW19	4/27/2015 10:01		58.3	38.4	0.9	2.4	0.05	56	8	-2.8	-19.78	Opened valve 1/2 turn or less,,,,,,,
SEC1GW19	SEC1GW19	5/21/2015 14:09		34	31.7	0.4	33.9	0.04	67	7	-11	-20.77	Closed valve 1/2 turn or less,,,,,,,
SEC1GW19	SEC1GW19	6/23/2015 15:56		49.9	37.1	0	13	7.73	74	107	-10.8	-28.98	No change,,,,,,,
SEC1GW19	SEC1GW19	7/24/2015 13:06		57.9	37.8	0	4.3	0.08	81	10	-10.8	-22.35	Opened valve 1/2 turn or less,,,,,,,
SEC1GW19	SEC1GW19	8/18/2015 9:04		42	36.4	0	21.6	0.06	67	8	-16.6	-22.69	Closed valve 1/2 turn or less,,,,,,,
SEC1GW19	SEC1GW19	9/14/2015 16:04		59.3	40.2	0	0.5	0.02	84	5	-5.7	-13.35	Opened valve 1/2 turn or less,,,,,,,
SEC1GW19	SEC1GW19	10/26/2015 13:24		36.9	35.3	0	27.8	0.06	56	9	-10.6	-15.69	Closed valve 1/2 turn or less,,,,,,,
SEC1GW19	SEC1GW19	11/2/2015 12:44		57	37.6	0	5.4	0.05	64	8	-0.1	-20.68	Opened valve 1/2 turn or less,,,,,,,
SEC1GW19	SEC1GW19	12/21/2015 9:30		59.8	40.1	0	0.1	0.28	42	20	-6.3	-22.11	Opened valve 1/2 turn or less,,,,,,,
SEC1GW20	SEC1GW20	1/15/2015 14:11		59.8	37.9	0.2	2.1	-1.46	46	---	-1.3	-18.64	Opened valve 1/2 turn or less,,,,,,,
SEC1GW20	SEC1GW20	2/2/2015 15:06		47.6	37.7	0	14.7	-0.67	48	---	-3.3	-23.52	Closed valve 1/2 turn or less,,,,,,,
SEC1GW20	SEC1GW20	3/21/2015 9:16		48.5	35.4	0.1	16	0.23	48	18	-1.2	-25.4	Closed valve 1/2 turn or less,,,,,,,
SEC1GW20	SEC1GW20	4/27/2015 10:07		61.6	37.4	0.8	0.2	0.07	60	10	-0.7	-16.39	Opened valve 1/2 turn or less,,,,,,,
SEC1GW20	SEC1GW20	5/21/2015 14:15		35.5	33.1	0.1	31.3	-2.34	59	---	-5.6	-22.16	Closed valve 1/2 turn or less,,,,,,,
SEC1GW20	SEC1GW20	6/23/2015 16:03		39.6	33.3	0	27.1	8.58	62	114	-4	-30.33	Closed valve 1/2 turn or less,,,,,,,
SEC1GW20	SEC1GW20	7/24/2015 13:13		58.4	36.5	0	5.1	-0.6	69	---	-1.4	-20.09	Opened valve 1/2 turn or less,,,,,,,
SEC1GW20	SEC1GW20	8/18/2015 9:13		35.8	34.8	0	29.4	0.42	59	24	-5.7	-25.69	Closed valve 1/2 turn or less,,,,,,,
SEC1GW20	SEC1GW20	9/14/2015 16:09		58.5	37.6	0	3.9	0.1	79	11	-0.1	-12.65	Opened valve 1/2 turn or less,,,,,,,
SEC1GW20	SEC1GW20	10/26/2015 13:30		46	38.5	0	15.5	0.15	56	14	-4.5	-16.43	Closed valve 1/2 turn or less,,,,,,,
SEC1GW20	SEC1GW20	11/2/2015 12:49		48.1	38.8	0	13.1	0.12	58	12	-1.9	-21.4	Closed valve 1/2 turn or less,,,,,,,
SEC1GW20	SEC1GW20	12/21/2015 9:36		59.6	40.3	0	0.1	-0.72	41	---	-0.7	-20.82	Opened valve 1/2 turn or less,,,,,,,
SEC1GW20	SEC1GW20	12/21/2015 9:37		59.6	40.3	0	0.1	-0.72	41	---	-0.7	-20.63	Opened valve 1/2 turn or less,,,,,,,
SEC1GW21	SEC1GW21	1/15/2015 13:45		59.7	36.5	0.3	3.5	0.04	47	8	-5.4	-19.56	Opened valve 1/2 turn or less,,,,,,,
SEC1GW21	SEC1GW21	2/2/2015 15:02		41.7	34.9	0	23.4	-0.29	42	---	-8.3	-22.44	Closed valve 1/2 turn or less,,,,,,,
SEC1GW21	SEC1GW21	3/21/2015 9:13		45.7	35.5	0.2	18.6	-0.2	49	---	-9.4	-38.44	Closed valve 1/2 turn or less,,,,,,,
SEC1GW21	SEC1GW21	4/27/2015 10:03		60.4	37.4	0.2	2	0.03	57	6	-2.8	-19.36	Opened valve 1/2 turn or less,,,,,,,
SEC1GW21	SEC1GW21	5/21/2015 14:12		35.4	33.5	0.3	30.8	0.06	63	8	-6.4	-20.96	Closed valve 1/2 turn or less,,,,,,,
SEC1GW21	SEC1GW21	6/23/2015 15:59		46.3	35.2	0	18.5	3.36	73	71	-5	-29.32	Closed valve 1/2 turn or less,,,,,,,
SEC1GW21	SEC1GW21	7/24/2015 13:09		61.1	37.6	0.2	1.1	0.08	87	10	-1.3	-21.89	Opened valve 1/2 turn or less,,,,,,,
SEC1GW21	SEC1GW21	8/18/2015 9:08		44.8	36.9	0	18.3	0.07	66	9	-6.5	-23.14	Closed valve 1/2 turn or less,,,,,,,
SEC1GW21	SEC1GW21	9/14/2015 16:06		61.2	38.7	0	0.1	0.04	83	7	-0.3	-13.11	Opened valve 1/2 turn or less,,,,,,,
SEC1GW21	SEC1GW21	10/26/2015 13:27		46.5	36.3	0	17.2	0.07	55	9	-7.6	-15.99	Opened valve 1/2 turn or less,,,,,,,
SEC1GW21	SEC1GW21	11/2/2015 12:47		47.7	36.5	0	15.8	0.06	60	9	-2.8	-20.57	Closed valve 1/2 turn or less,,,,,,,
SEC1GW21	SEC1GW21	12/21/2015 9:33		60.7	39.2	0	0.1	-0.32	42	---	-0.9	-21.08	Opened valve 1/2 turn or less,,,,,,,
SEC1GW22	SEC1GW22	1/15/2015 10:41		59.4	35.8	0.1	4.7	-0.02	46	---	-0.7	-24.82	Opened valve 1/2 turn or less,,,,,,,
SEC1GW22	SEC1GW22	2/2/2015 14:01		29.7	30.8	0	39.5	0.14	47	14	-3	-19.32	Closed valve 1/2 turn or less,,,,,,,
SEC1GW22	SEC1GW22	3/21/2015 8:16		27.9	28	0.1	44	0.06	45	9	-2	-30.46	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC1GW22	SEC1GW22	4/27/2015 9:15		58.7	34.2	0.1	7	0.06	54	9	-0.3	-15.61	Opened valve 1/2 turn or less,,,,,,,
SEC1GW22	SEC1GW22	5/21/2015 11:08		20	27.5	0.3	52.2	0.15	60	14	-3.6	-22.73	Closed valve 1/2 turn or less,,,,,,,
SEC1GW22	SEC1GW22	6/23/2015 15:07		31.1	29	0.1	39.8	10.36	74	124	-1.8	-25.14	Closed valve 1/2 turn or less,,,,,,,
SEC1GW22	SEC1GW22	7/24/2015 12:13		61.8	36.5	0	1.7	0.07	82	9	-0.1	-23.88	Opened valve 1/2 turn or less,,,,,,,
SEC1GW22	SEC1GW22	8/18/2015 8:08		18.3	27.8	0	53.9	0.1	63	11	-4	-23.71	Closed valve 1/2 turn or less,,,,,,,
SEC1GW22	SEC1GW22	9/14/2015 15:10		61.7	38.2	0	0.1	0.47	83	26	-0.1	-13.97	Opened valve 1/2 turn or less,,,,,,,
SEC1GW22	SEC1GW22	10/26/2015 12:38		24.2	28.5	0	47.3	0.4	57	23	-7.7	-16.5	Closed valve 1/2 turn or less,,,,,,,
SEC1GW22	SEC1GW22	11/2/2015 12:06		34.3	30.3	0	35.4	0.13	59	13	-3.3	-18.16	Closed valve 1/2 turn or less,,,,,,,
SEC1GW22	SEC1GW22	12/21/2015 8:43		53	35.2	0	11.8	0.1	49	12	-2.5	-20.79	No change,,,,,,,
SEC1GW23	SEC1GW23	1/15/2015 10:36		55.5	34.2	0.2	10.1	-0.5	46	---	-0.2	-26.88	Opened valve 1/2 turn or less,,,,,,,
SEC1GW23	SEC1GW23	2/2/2015 13:58		14.2	25	1.2	59.6	-1.25	60	---	-2.3	-19.44	Closed valve 1/2 turn or less,,,,,,,
SEC1GW23	SEC1GW23	3/21/2015 8:13		21.1	25.6	0.5	52.8	0.02	39	5	-1.1	-34.55	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC1GW23	SEC1GW23	4/27/2015 9:12		58.5	35.1	1.4	5	0.13	63	14	-0.1	-17.18	Opened valve 1/2 turn or less,,,,,,,
SEC1GW23	SEC1GW23	5/21/2015 11:06		10.9	21.3	1.8	66	0.11	72	12	-3.3	-22	Closed valve 1/2 turn or less,,,,,,,
SEC1GW23	SEC1GW23	6/23/2015 15:05		14.3	22.5	1.5	61.7	7.97	81	106	-1.6	-25.07	Closed valve 1/2 turn or less,,,,,,,
SEC1GW23	SEC1GW23	7/24/2015 12:10		61.2	38.5	0.1	0.2	0.08	85	10	-0.2	-23.94	Opened valve 1/2 turn or less,,,,,,,
SEC1GW23	SEC1GW23	8/18/2015 8:04		7.2	20.5	1.9	70.4	0.06	75	8	-3.5	-22.99	Closed valve 1/2 turn or less,,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
SEC1GW23	SEC1GW23	9/14/2015 15:06		61.4	37.3	0	1.3	0.38	81	23	-0.1	-16.65	Opened valve 1/2 turn or less,,,,,,,
SEC1GW23	SEC1GW23	10/26/2015 12:36		11.4	23.5	0	65.1	0.3	74	19	-6	-16.59	Closed valve 1/2 turn or less,,,,,,,
SEC1GW23	SEC1GW23	11/2/2015 12:01		26.7	27.9	0	45.4	0.1	71	11	-1.9	-18.29	Closed valve 1/2 turn or less,,,,,,,
SEC1GW23	SEC1GW23	12/21/2015 8:40		54	37.8	0	8.2	0.14	50	14	-0.8	-21.23	Opened valve 1/2 turn or less,,,,,,,
SEC1GW24	SEC1GW24	1/15/2015 10:31		54.7	34.7	0.4	10.2	-1.22	48	---	-0.3	-29.73	Opened valve 1/2 turn or less,,,,,,,
SEC1GW24	SEC1GW24	2/2/2015 13:55		23.2	29.2	0.2	47.4	-1.19	51	---	-2.8	-18.77	Closed valve 1/2 turn or less,,,,,,,
SEC1GW24	SEC1GW24	3/21/2015 8:08		31.3	29.6	0.1	39	0.07	52	10	-2.7	-33.88	Closed valve 1/2 turn or less,,,,,,,
SEC1GW24	SEC1GW24	4/27/2015 9:08		63.1	36.4	0.1	0.4	0.04	65	7	-0.1	-18.89	Opened valve 1/2 turn or less,,,,,,,
SEC1GW24	SEC1GW24	5/21/2015 11:03		17.6	26	0.5	55.9	0.09	66	10	-3.5	-20.83	Closed valve 1/2 turn or less,,,,,,,
SEC1GW24	SEC1GW24	6/23/2015 15:00		37.3	31.8	0.1	30.8	8.25	86	110	-1.7	-24.51	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC1GW24	SEC1GW24	7/24/2015 11:13		57.6	35.1	0.1	7.2	0.3	87	21	-0.1	-27.89	Opened valve 1/2 turn or less,,,,,,,
SEC1GW24	SEC1GW24	8/18/2015 7:58		22.6	29.1	0.1	48.2	0.2	66	16	-5.9	-21.01	Closed valve 1/2 turn or less,,,,,,,
SEC1GW24	SEC1GW24	9/14/2015 15:03		54.6	35.1	0	10.3	0.41	86	24	-0.1	-19.51	Opened valve 1/2 turn or less,,,,,,,
SEC1GW24	SEC1GW24	10/26/2015 12:33		20.6	27.9	0	51.5	0.3	64	20	-7.1	-15.47	Closed valve 1/2 turn or less,,,,,,,
SEC1GW24	SEC1GW24	11/2/2015 11:58		35.8	30.4	0	33.8	0.08	65	10	-1.6	-17.89	Closed valve 1/2 turn or less,,,,,,,
SEC1GW24	SEC1GW24	12/21/2015 8:37		61.7	36.9	0	1.4	-0.52	38	---	-0.1	-21.55	Opened valve 1/2 turn or less,,,,,,,
Sector 1 Supplemental Points													
S1NoMain	SEC1north_main	1/15/2015 9:18		54	37.6	0.6	7.8	0.08	45	53	-33.4	-62.73	No change,,,,,,,
S1NoMain	SEC1north_main	1/15/2015 9:18	ADJ	54	37.6	0.6	7.8	0.27	45	98	-33.4	-62.73	
S1NoMain	SEC1north_main	1/15/2015 14:33		55	37.1	0.4	7.5	0.32	46	110	-19.1	-61.62	No change,,,,,,,
S1NoMain	SEC1north_main	1/15/2015 14:33	ADJ	55	37.1	0.4	7.5	0.14	45	72	-19.2	-61.62	
S1NoMain	SEC1north_main	1/19/2015 5:33		49.3	37.2	0.4	13.1	0.33	45	111	-19.6	-62.41	No change,,,,,,,
S1NoMain	SEC1north_main	1/19/2015 5:33	ADJ	49.3	37.2	0.4	13.1	0.25	45	96	-19.6	-62.41	
S1NoMain	SEC1north_main	1/19/2015 15:04		48.8	36.9	0.4	13.9	0.05	45	44	-19.1	-61.67	No change,,,,,,,
S1NoMain	SEC1north_main	1/19/2015 15:04	ADJ	48.8	36.9	0.4	13.9	0.05	45	43	-19.1	-61.67	
S1NoMain	SEC1north_main	1/20/2015 8:18		47.6	37.2	0.4	14.8	0.22	45	90	-19.9	-62.66	No change,,,,,,,
S1NoMain	SEC1north_main	1/20/2015 8:18	ADJ	47.6	37.2	0.4	14.8	0.42	45	125	-19.9	-62.66	
S1NoMain	SEC1north_main	1/20/2015 14:42		46	35.9	0.4	17.7	0.2	45	85	-19.1	-60.97	No change,,,,,,,
S1NoMain	SEC1north_main	1/20/2015 14:42	ADJ	46	35.9	0.4	17.7	0.2	45	86	-19.2	-60.97	
S1NoMain	SEC1north_main	2/2/2015 13:29		42	35.5	0.4	22.1	0.25	43	95	-19.1	-61.57	No change,,,,,,,
S1NoMain	SEC1north_main	2/2/2015 13:29	ADJ	42	35.5	0.4	22.1	0.36	43	115	-19.1	-61.57	
S1NoMain	SEC1north_main	2/3/2015 7:32		44.7	35.8	0.6	18.9	0.16	43	76	-26.5	-61.58	No change,,,,,,,
S1NoMain	SEC1north_main	2/3/2015 7:32	ADJ	44.7	35.8	0.6	18.9	0.14	43	72	-26.5	-61.58	
S1NoMain	SEC1north_main	2/3/2015 15:23		44.9	36.2	0.3	18.6	-0.07	43	---	-25.9	-61.27	No change,,,,,,,
S1NoMain	SEC1north_main	2/3/2015 15:23	ADJ	44.9	36.2	0.3	18.6	0.01	43	15	-25.9	-61.27	
S1NoMain	SEC1north_main	2/5/2015 6:30		43.8	35.3	0.8	20.1	0.18	43	80	-26.6	-61.19	No change,,,,,,,
S1NoMain	SEC1north_main	2/5/2015 6:30	ADJ	43.8	35.3	0.8	20.1	0.24	43	93	-26.6	-61.19	
S1NoMain	SEC1north_main	3/10/2015 7:22		47.8	36.1	0.5	15.6	0.03	41	31	-48.3	-63.25	No change,,,,,,,
S1NoMain	SEC1north_main	3/10/2015 7:22	ADJ	47.8	36.1	0.5	15.6	0.06	41	44	-48.3	-63.25	
S1NoMain	SEC1north_main	3/12/2015 4:36		47.7	36	0.5	15.8	0.03	42	33	-39.3	-63.41	No change,,,,,,,
S1NoMain	SEC1north_main	3/12/2015 4:36	ADJ	47.7	36	0.5	15.8	0.18	42	80	-39.3	-63.41	
S1NoMain	SEC1north_main	3/21/2015 8:02		47	36.4	0.4	16.2	0.16	42	74	-33.6	-63.9	No change,,,,,,,
S1NoMain	SEC1north_main	3/21/2015 8:02	ADJ	47	36.4	0.4	16.2	0.04	42	38	-33.8	-63.9	
S1NoMain	SEC1north_main	3/21/2015 13:21		50	37	0.4	12.6	0.07	43	50	-41.9	-64.32	No change,,,,,,,
S1NoMain	SEC1north_main	3/21/2015 13:21	ADJ	50	37	0.4	12.6	0	43	50	-41.9	-64.32	
S1NoMain	SEC1north_main	4/27/2015 8:59		38.7	33.8	0.4	27.1	-0.07	48	---	-20.6	-63.02	No change,,,,,,,
S1NoMain	SEC1north_main	4/27/2015 8:59	ADJ	38.7	33.8	0.4	27.1	0.23	47	91	-20.6	-63.02	
S1NoMain	SEC1north_main	4/27/2015 16:28		53.5	36.2	0.2	10.1	0.38	48	120	-20.4	-61.86	No change,,,,,,,
S1NoMain	SEC1north_main	4/27/2015 16:28	ADJ	53.5	36.2	0.2	10.1	0.3	48	106	-20.5	-61.86	
S1NoMain	SEC1north_main	5/21/2015 10:03		36.1	32.6	0.6	30.7	0.51	53	136	-20.8	-62.4	No change,,,,,,,
S1NoMain	SEC1north_main	5/21/2015 10:03	ADJ	36.1	32.6	0.6	30.7	0.02	53	27	-20.9	-62.4	
S1NoMain	SEC1north_main	5/22/2015 8:48		37.7	31.2	1.8	29.3	0.08	53	52	-25.6	-62.63	No change,,,,,,,
S1NoMain	SEC1north_main	5/22/2015 8:48	ADJ	37.7	31.2	1.8	29.3	0.26	53	97	-25.6	-62.63	
S1NoMain	SEC1north_main	5/22/2015 14:37		41.1	33.3	0.3	25.3	0.08	54	53	-25.5	-62.08	No change,,,,,,,
S1NoMain	SEC1north_main	5/22/2015 14:37	ADJ	41.1	33.3	0.3	25.3	0.13	54	67	-25.5	-62.08	
S1NoMain	SEC1north_main	5/23/2015 8:15		40.2	33.3	0.4	26.1	0.35	53	112	-25.4	-62.62	No change,,,,,,,
S1NoMain	SEC1north_main	5/23/2015 8:15	ADJ	40.2	33.3	0.4	26.1	0.2	53	84	-25.4	-62.62	
S1NoMain	SEC1north_main	5/26/2015 8:09		40.9	33.7	0.4	25	0.05	54	43	-25	-61.86	No change,,,,,,,
S1NoMain	SEC1north_main	5/26/2015 8:09	ADJ	40.9	33.7	0.4	25	0.02	54	28	-25	-61.86	
S1NoMain	SEC1north_main	6/23/2015 14:55		43.6	35.3	0.2	20.9	7.31	61	521	-24.8	-60.29	No change,,,,,,,
S1NoMain	SEC1north_main	6/23/2015 14:55	ADJ	43.6	35.3	0.2	20.9	4.29	61	398	-24.8	-60.29	
S1NoMain	SEC1north_main	6/26/2015 13:50		45.8	36.1	0	18.1	5.13	62	433	-31.2	-12.31	No change,,,,,,,
S1NoMain	SEC1north_main	6/26/2015 13:50	ADJ	45.8	36.1	0	18.1	1.57	61	237	-31.4	-12.31	
S1NoMain	SEC1north_main	6/27/2015 5:59		46.5	36.7	0	16.8	11.43	61	650	-31.2	-61.29	No change,,,,,,,
S1NoMain	SEC1north_main	6/27/2015 5:59	ADJ	46.5	36.7	0	16.8	8.95	61	574	-31.1	-61.29	
S1NoMain	SEC1north_main	6/27/2015 11:32		47.4	35.5	0.1	17	6.5	62	491	-31	-59.77	No change,,,,,,,
S1NoMain	SEC1north_main	6/27/2015 11:32	ADJ	47.4	35.5	0.1	17	3.56	61	362	-30.9	-59.77	
S1NoMain	SEC1north_main	6/29/2015 8:06		47	36.4	0	16.6	6.64	62	495	-30.6	-59.6	No change,,,,,,,
S1NoMain	SEC1north_main	6/29/2015 8:06	ADJ	47	36.4	0	16.6	3.39	62	352	-30.6	-59.6	
S1NoMain	SEC1north_main	6/29/2015 14:43		47	36.1	0	16.9	3.84	62	375	-30.1	-58.71	No change,,,,,,,
S1NoMain	SEC1north_main	6/29/2015 14:43	ADJ	47	36.1	0	16.9	1.45	62	229	-30.1	-58.71	
S1NoMain	SEC1north_main	7/17/2015 11:58		48.8	36.3	0	14.9	5.12	65	434	-30.8	-58.3	No change,,,,,,,
S1NoMain	SEC1north_main	7/17/2015 11:58	ADJ	48.8	36.3	0	14.9	2.5	65	302	-30.9	-58.3	
S1NoMain	SEC1north_main	7/24/2015 10:53		52.9	38.9	0.6	7.6	0.19	67	81	-31.2	-59.13	No change,,,,,,,
S1NoMain	SEC1north_main	7/24/2015 10:53	ADJ	52.9	38.9	0.6	7.6	0.08	66	53	-31.3	-59.13	
S1NoMain	SEC1north_main	7/27/2015 9:49		47.1	35.5	0.7	16.7	0.27	66	97	-21.1	-58.64	No change,,,,,,,
S1NoMain	SEC1north_main	7/27/2015 9:49	ADJ	47.1	35.5	0.7	16.7	0.17	66	77	-21.1	-58.64	
S1NoMain	SEC1north_main	7/27/2015 14:36		44.7	33.9	1.3	20.1	0.26	66	95	-20.6	-58.04	No change,,,,,,,
S1NoMain	SEC1north_main	7/27/2015 14:36	ADJ	44.7	33.9	1.3	20.1	0.18	66	80	-20.5	-58.04	
S1NoMain	SEC1north_main	7/28/2015 4:57		47.2	36.5	0.2	16.1	0.23	66	91	-20.4	-58.12	No change,,,,,,,
S1NoMain	SEC1north_main	7/28/2015 4:57	ADJ	47.2	36.5	0.2	16.1	0.3	66	102	-20.3	-58.12	
S1NoMain	SEC1north_main	8/5/2015 14:31		40.3	35.2	0.3	24.2	0.21	68	85	-20.7	-58.51	,,,,,,,
S1NoMain	SEC1north_main	8/5/2015 14:31	ADJ	40.3	35.2	0.3	24.2	0.41	68	120	-20.6	-58.51	
S1NoMain	SEC1north_main	8/18/2015 7:44		37.7	34.7	0.1	27.5	0.01	---	---	-20.4	-58.47	,,,,,,,
S1NoMain	SEC1north_main	8/18/2015 7:44	ADJ	37.7	34.7	0.1	27.5	0.33	---	---	-20.4	-58.47	
S1NoMain	SEC1north_main	8/20/2015 5:58		54	39.8	0.1	6.1	0.26	68	95	-23.1	-57.58	No change,,,,,,,
S1NoMain	SEC1north_main	8/20/2015 5:58	ADJ	54	39.8	0.1	6.1	0.19	68	81	-23.2	-57.58	
S1NoMain	SEC1north_main	8/21/2015 6:02		51.3	39.5	0.1	9.1	0.21	68	85	-23	-58.85	No change,,,,,,,
S1NoMain	SEC1north_main	8/21/2015 6:02	ADJ	51.3	39.5	0.1	9.1	0.25	68	94	-23	-58.85	
S1NoMain	SEC1north_main	8/21/2015 13:39		49.6	38.9	0	11.5	0.2	68	82	-22.6	-58.11	No change,,,,,,,
S1NoMain	SEC1north_main	8/21/2015 13:39	ADJ	49.6	38.9	0	11.5	0.13	68	66	-22.6	-58.11	
S1NoMain	SEC1north_main	9/14/2015 14:45		47.7	37.7	0.2	14.4	0.1	69	59	-23.4	-58.26	No change,,,,,,,
S1NoMain	SEC1north_main	9/14/2015 14:45	ADJ	47.7	37.7	0.2	14.4	0.16	69	74	-23.4	-58.26	
S1NoMain	SEC1north_main	9/15/2015 5:45		54.2	38.3	0	7.5	0.39	68	120	-15.4	-57.99	No change,,,,,,,
S1NoMain	SEC1north_main	9/15/2015 5:45	ADJ	54.2	38.3	0	7.5	0.19	68	83	-15.4	-57.99	
S1NoMain	SEC1north_main	9/15/2015 14:28		52	37.5	0	10.5	0.26	69	97	-15.1	-57.91	No change,,,,,,,
S1NoMain	SEC1north_main	9/15/2015 14:28	ADJ	52	37.5	0	10.5	0.33	68	110	-15.1	-57.91	
S1NoMain	SEC1north_main	9/24/2015 9:03		41.6	36.3	0.2	21.9	0.27	68	97	-15.7	-58.73	No change,,,,,,,
S1NoMain	SEC1north_main	9/24/2015 9:03	ADJ	41.6	36.3	0.2	21.9	0.42	68	121	-15.6	-58.73	
S1NoMain	SEC1north_main	9/30/2015 12:46		41.6	35.7	0	22.7	0.2	67	84	-15.4	-58.57	No change,,,,,,,
S1NoMain	SEC1north_main	9/30/2015 12:46	ADJ	41.6	35.7	0	22.7	0.18	68	79	-15.4	-58.57	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
S1NoMain	SEC1north main	10/8/2015 15:37		40.7	36	0	23.3	0.42	67	121	-15	-57.76	No change,,,,,,,
S1NoMain	SEC1north main	10/8/2015 15:37	ADJ	40.7	36	0	23.3	0.37	67	114	-15	-57.76	
S1NoMain	SEC1north main	10/21/2015 7:53		39.9	35.6	0	24.5	0.47	65	129	-15	-58.35	No change,,,,,,,
S1NoMain	SEC1north main	10/21/2015 7:53	ADJ	39.9	35.6	0	24.5	0.43	65	123	-15	-58.35	
S1NoMain	SEC1north main	10/26/2015 12:27		40.9	35.6	0	23.5	0.42	63	123	-15.2	-59.28	No change,,,,,,,
S1NoMain	SEC1north main	10/26/2015 12:27	ADJ	40.9	35.6	0	23.5	0.33	64	107	-15.2	-59.28	
S1NoMain	SEC1north main	10/27/2015 8:06		50.1	38.7	0	11.2	0.34	63	112	-15.5	-59.67	No change,,,,,,,
S1NoMain	SEC1north main	10/27/2015 8:06	ADJ	50.1	38.7	0	11.2	0.21	63	87	-15.5	-59.67	
S1NoMain	SEC1north main	10/27/2015 14:44		49.6	38.8	0	11.6	0.25	64	95	-14.6	-58.72	No change,,,,,,,
S1NoMain	SEC1north main	10/27/2015 14:44	ADJ	49.6	38.8	0	11.6	0.4	64	120	-14.6	-58.72	
S1NoMain	SEC1north main	11/2/2015 11:36		43.9	37.8	0	18.3	0.3	63	102	-18.3	-57.73	No change,,,,,,,
S1NoMain	SEC1north main	11/2/2015 11:36	ADJ	43.9	37.8	0	18.3	0.29	63	101	-18.3	-57.73	
S1NoMain	SEC1north main	11/3/2015 10:08		50.2	39.2	0	10.6	0.29	63	102	-20.4	-58.3	No change,,,,,,,
S1NoMain	SEC1north main	11/3/2015 10:08	ADJ	50.2	39.2	0	10.6	0.19	62	82	-20.4	-58.3	
S1NoMain	SEC1north main	11/3/2015 17:31		50.7	39.2	0	10.1	0.3	63	103	-19.6	-57.65	No change,,,,,,,
S1NoMain	SEC1north main	11/3/2015 17:31	ADJ	50.7	39.2	0	10.1	0.37	63	115	-19.7	-57.65	
S1NoMain	SEC1north main	11/4/2015 13:50		50.7	38.9	0	10.4	0.33	63	109	-19.6	-57.75	No change,,,,,,,
S1NoMain	SEC1north main	11/4/2015 13:50	ADJ	50.7	38.9	0	10.4	0.2	62	85	-19.7	-57.75	
S1NoMain	SEC1north main	11/4/2015 17:43		50.5	38.9	0	10.6	0.24	62	92	-19.5	-57.22	No change,,,,,,,
S1NoMain	SEC1north main	11/4/2015 17:43	ADJ	50.5	38.9	0	10.6	0.13	62	67	-19.3	-57.22	
S1NoMain	SEC1north main	11/9/2015 16:52		48.9	38.8	0	12.3	0.27	62	98	-20	-59.35	No change,,,,,,,
S1NoMain	SEC1north main	11/9/2015 16:52	ADJ	48.9	38.8	0	12.3	0.34	62	110	-20	-59.35	
S1NoMain	SEC1north main	12/11/2015 13:49		50	38.4	0	11.6	0.38	53	118	-22.1	-59.31	No change,,,,,,,
S1NoMain	SEC1north main	12/11/2015 13:49	ADJ	50	38.4	0	11.6	0.26	54	96	-22.1	-59.31	
S1NoMain	SEC1north main	12/21/2015 8:08		49.6	38.2	0	12.2	0.14	52	71	-22.7	-59.53	No change,,,,,,,
S1NoMain	SEC1north main	12/21/2015 8:08	ADJ	49.6	38.2	0	12.2	0.28	52	101	-22.7	-59.53	
S1NoMain	SEC1north main	12/21/2015 15:44		53.1	38.4	0	8.5	0.19	53	84	-21.6	-60.24	No change,,,,,,,
S1NoMain	SEC1north main	12/21/2015 15:44	ADJ	53.1	38.4	0	8.5	0.13	53	68	-21.6	-60.24	
S1SoMain	SEC1SouthMain	1/15/2015 9:16		50.7	37.5	0.6	11.2	0.1	50	58	-33.2	-62.55	No change,,,,,,,
S1SoMain	SEC1SouthMain	1/15/2015 9:16	ADJ	50.7	37.5	0.6	11.2	0.14	50	71	-33.2	-62.55	
S1SoMain	SEC1SouthMain	1/15/2015 14:32		52.2	37.7	0.4	9.7	0.17	49	79	-18.7	-61.42	No change,,,,,,,
S1SoMain	SEC1SouthMain	1/15/2015 14:32	ADJ	52.2	37.7	0.4	9.7	0.16	50	76	-18.7	-61.42	
S1SoMain	SEC1SouthMain	1/19/2015 5:32		50	37.7	0.3	12	0.04	49	39	-19	-61.93	No change,,,,,,,
S1SoMain	SEC1SouthMain	1/19/2015 5:32	ADJ	50	37.7	0.3	12	0.17	49	79	-19	-61.93	
S1SoMain	SEC1SouthMain	1/19/2015 15:02		50.3	37.7	0.3	11.7	0.42	49	125	-18.6	-61.25	No change,,,,,,,
S1SoMain	SEC1SouthMain	1/19/2015 15:02	ADJ	50.3	37.7	0.3	11.7	0.17	49	79	-18.7	-61.25	
S1SoMain	SEC1SouthMain	1/20/2015 8:17		48.7	37.9	0.3	13.1	0.2	49	86	-19.5	-62.18	No change,,,,,,,
S1SoMain	SEC1SouthMain	1/20/2015 8:17	ADJ	48.7	37.9	0.3	13.1	0.08	49	55	-19.5	-62.18	
S1SoMain	SEC1SouthMain	1/20/2015 14:40		46.7	36.2	0.9	16.2	0.14	49	70	-18.6	-60.49	No change,,,,,,,
S1SoMain	SEC1SouthMain	1/20/2015 14:40	ADJ	46.7	36.2	0.9	16.2	0.06	49	48	-18.6	-60.49	
S1SoMain	SEC1SouthMain	2/2/2015 13:27		46.6	37.4	0.3	15.7	0.22	42	91	-18.5	-60.84	No change,,,,,,,
S1SoMain	SEC1SouthMain	2/2/2015 13:27	ADJ	46.6	37.4	0.3	15.7	0.15	43	74	-18.5	-60.84	
S1SoMain	SEC1SouthMain	2/3/2015 7:30		47.3	37.3	0.4	15	0.07	47	48	-26	-61.57	No change,,,,,,,
S1SoMain	SEC1SouthMain	2/3/2015 7:30	ADJ	47.3	37.3	0.4	15	0.03	47	31	-25.9	-61.57	
S1SoMain	SEC1SouthMain	2/3/2015 15:21		47.6	37.6	0.2	14.6	0.15	48	73	-25.2	-61.12	No change,,,,,,,
S1SoMain	SEC1SouthMain	2/3/2015 15:21	ADJ	47.6	37.6	0.2	14.6	0.05	48	43	-25.3	-61.12	
S1SoMain	SEC1SouthMain	2/5/2015 6:27		44.8	36.5	0.6	18.1	0.2	47	84	-26.1	-61.72	No change,,,,,,,
S1SoMain	SEC1SouthMain	2/5/2015 6:27	ADJ	44.8	36.5	0.6	18.1	0.12	47	65	-26	-61.72	
S1SoMain	SEC1SouthMain	3/10/2015 7:19		48.8	36.5	0.5	14.2	0.03	44	29	-47.5	-63.26	No change,,,,,,,
S1SoMain	SEC1SouthMain	3/10/2015 7:19	ADJ	48.8	36.5	0.5	14.2	0.08	45	50	-47.5	-63.26	
S1SoMain	SEC1SouthMain	3/12/2015 4:34		48.4	37.1	0.4	14.1	0.16	45	75	-37.2	-63.08	No change,,,,,,,
S1SoMain	SEC1SouthMain	3/12/2015 4:34	ADJ	48.4	37.1	0.4	14.1	0.04	46	36	-37.2	-63.08	
S1SoMain	SEC1SouthMain	3/21/2015 8:00		49.5	37.2	0.3	13	0.31	47	106	-29.9	-63.63	No change,,,,,,,
S1SoMain	SEC1SouthMain	3/21/2015 8:00	ADJ	49.5	37.2	0.3	13	0.34	48	111	-29.8	-63.63	
S1SoMain	SEC1SouthMain	3/21/2015 13:19		52.2	38.1	0.3	9.4	0.04	49	38	-37.7	-64.14	No change,,,,,,,
S1SoMain	SEC1SouthMain	3/21/2015 13:19	ADJ	52.2	38.1	0.3	9.4	0.11	50	63	-37.7	-64.14	
S1SoMain	SEC1SouthMain	4/27/2015 8:57		31.9	31.9	0.6	35.6	0.15	54	72	-18.9	-62.38	No change,,,,,,,
S1SoMain	SEC1SouthMain	4/27/2015 8:57	ADJ	31.9	31.9	0.6	35.6	0.21	54	85	-18.9	-62.38	
S1SoMain	SEC1SouthMain	4/27/2015 16:24		38.5	32.1	0.4	29	0.22	56	89	-20.2	-60.47	No change,,,,,,,
S1SoMain	SEC1SouthMain	4/27/2015 16:24	ADJ	38.5	32.1	0.4	29	0.21	56	87	-20.2	-60.47	
S1SoMain	SEC1SouthMain	5/21/2015 10:02		37.6	33.7	0.3	28.4	0.09	60	54	-20.5	-62.08	No change,,,,,,,
S1SoMain	SEC1SouthMain	5/21/2015 10:02	ADJ	37.6	33.7	0.3	28.4	0.22	60	87	-20.5	-62.08	
S1SoMain	SEC1SouthMain	5/22/2015 8:47		39.3	34.3	0.4	26	0.2	59	84	-24.6	-62.76	No change,,,,,,,
S1SoMain	SEC1SouthMain	5/22/2015 8:47	ADJ	39.3	34.3	0.4	26	0.11	59	61	-24.7	-62.76	
S1SoMain	SEC1SouthMain	5/22/2015 14:35		39.6	34.2	0.3	25.9	0.18	61	78	-24.6	-62.16	No change,,,,,,,
S1SoMain	SEC1SouthMain	5/22/2015 14:35	ADJ	39.6	34.2	0.3	25.9	0	61	78	-24.6	-62.16	
S1SoMain	SEC1SouthMain	5/23/2015 8:11		38.6	34.1	0.5	26.8	0.17	60	75	-24.6	-62.5	No change,,,,,,,
S1SoMain	SEC1SouthMain	5/23/2015 8:11	ADJ	38.6	34.1	0.5	26.8	0.16	60	74	-24.6	-62.5	
S1SoMain	SEC1SouthMain	5/26/2015 8:07		38.9	33.9	0.5	26.7	0.17	61	76	-24.3	-61.83	No change,,,,,,,
S1SoMain	SEC1SouthMain	5/26/2015 8:07	ADJ	38.9	33.9	0.5	26.7	0.21	61	84	-24.3	-61.83	
S1SoMain	SEC1SouthMain	6/23/2015 14:53		40.3	35.6	0.4	23.7	4.87	69	419	-24.2	-59.64	No change,,,,,,,
S1SoMain	SEC1SouthMain	6/23/2015 14:53	ADJ	40.3	35.6	0.4	23.7	1.63	69	240	-24	-59.64	
S1SoMain	SEC1SouthMain	6/26/2015 13:48		46.1	36.3	0	17.6	5.54	70	448	-30.7	-60.2	No change,,,,,,,
S1SoMain	SEC1SouthMain	6/26/2015 13:48	ADJ	46.1	36.3	0	17.6	2.38	70	292	-30.6	-60.2	
S1SoMain	SEC1SouthMain	6/27/2015 5:57		46.5	37	0	16.5	12.14	68	666	-30.6	-61.19	No change,,,,,,,
S1SoMain	SEC1SouthMain	6/27/2015 5:57	ADJ	46.5	37	0	16.5	8.96	68	571	-30.5	-61.19	
S1SoMain	SEC1SouthMain	6/27/2015 11:29		47.4	36.6	0.1	15.9	7.07	70	507	-30.3	-58.97	No change,,,,,,,
S1SoMain	SEC1SouthMain	6/27/2015 11:29	ADJ	47.4	36.6	0.1	15.9	3.53	70	357	-30.2	-58.97	
S1SoMain	SEC1SouthMain	6/29/2015 8:04		47.6	37	0	15.4	7.06	69	508	-30.1	-59.36	No change,,,,,,,
S1SoMain	SEC1SouthMain	6/29/2015 8:04	ADJ	47.6	37	0	15.4	4.01	69	381	-30.1	-59.36	
S1SoMain	SEC1SouthMain	6/29/2015 14:41		48.4	35.4	0	16.2	6.01	70	470	-29.4	-58.37	No change,,,,,,,
S1SoMain	SEC1SouthMain	6/29/2015 14:41	ADJ	48.4	35.4	0	16.2	1.37	70	222	-29.5	-58.37	
S1SoMain	SEC1SouthMain	7/17/2015 11:56		50.7	37.7	0	11.6	5.84	73	462	-29.8	-58.61	No change,,,,,,,
S1SoMain	SEC1SouthMain	7/17/2015 11:56	ADJ	50.7	37.7	0	11.6	2.49	73	299	-29.8	-58.61	
S1SoMain	SEC1SouthMain	7/24/2015 10:52		53.2	39	0.3	7.5	0.14	74	69	-30.3	-59.21	No change,,,,,,,
S1SoMain	SEC1SouthMain	7/24/2015 10:52	ADJ	53.2	39	0.3	7.5	0.26	74	94	-30.4	-59.21	
S1SoMain	SEC1SouthMain	7/27/2015 9:46		49.7	37.6	0.4	12.3	0.27	75	97	-20.6	-58.64	No change,,,,,,,
S1SoMain	SEC1SouthMain	7/27/2015 9:46	ADJ	49.7	37.6	0.4	12.3	0.2	75	84	-20.6	-58.64	
S1SoMain	SEC1SouthMain	7/27/2015 14:33		50.2	37.5	0.2	12.1	0.11	75	62	-20.1	-58.14	No change,,,,,,,
S1SoMain	SEC1SouthMain	7/27/2015 14:33	ADJ	50.2	37.5	0.2	12.1	0.26	75	95	-20.1	-58.14	
S1SoMain	SEC1SouthMain	7/28/2015 4:55		50.6	38.5	0	10.9	0.18	74	80	-19.9	-57.72	No change,,,,,,,
S1SoMain	SEC1SouthMain	7/28/2015 4:55	ADJ	50.6	38.5	0	10.9	0.19	74	82	-19.9	-57.72	
S1SoMain	SEC1SouthMain	8/5/2015 14:29		47.5	38.6	0.2	13.7	0.22	76	87	-20.2	-58.05	,,,,,,,
S1SoMain	SEC1SouthMain	8/5/2015 14:29	ADJ	47.5	38.6	0.2	13.7	0.18	76	78	-20.2	-58.05	
S1SoMain	SEC1SouthMain	8/18/2015 7:42		46.3	38.5	0	15.2	0.11	---	---	-19.9	-57.97	,,,,,,,
S1SoMain	SEC1SouthMain	8/18/2015 7:42	ADJ	46.3	38.5	0	15.2	0.11	---	---	-19.9	-57.97	
S1SoMain	SEC1SouthMain	8/20/2015 5:56		56.9	41.2	0	1.9	0.26	75	95	-21.9	-57.2	No change,,,,,,,
S1SoMain	SEC1SouthMain	8/20/2015 5:56	ADJ	56.9	41.2	0	1.9	0.22	75	88	-21.9	-57.2	
S1SoMain	SEC1SouthMain	8/21/2015 6:00		55.3	40.9	0.1	3.7	0.04	75	35	-21.7	-58.63	No change,,,,,,,
S1SoMain	SEC1SouthMain	8/21/2015 6:00	ADJ	55.3	40.9	0.1	3.7	0.22	75	88	-21.7	-58.63	
S1SoMain	SEC1SouthMain	8/21/2015 13:37		54	40.6	0	5.4	0.17	76	76	-21.3	-57.73	No change,,,,,,,
S1SoMain	SEC1SouthMain	8/21/2015 13:37	ADJ	54	40.6	0	5.4	0.22	76	87	-21.3	-57.73	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
S1SoMain	SEC1SouthMain	9/14/2015 14:43		53.3	40.3	0.1	6.3	0.18	75	79	-22	-57.79	No change,,,,,,,
S1SoMain	SEC1SouthMain	9/14/2015 14:43	ADJ	53.3	40.3	0.1	6.3	0.09	76	54	-22.1	-57.79	
S1SoMain	SEC1SouthMain	9/15/2015 5:43		56.5	39.2	0	4.3	0.15	75	74	-14.5	-57.6	No change,,,,,,,
S1SoMain	SEC1SouthMain	9/15/2015 5:43	ADJ	56.5	39.2	0	4.3	0.24	75	92	-14.5	-57.6	
S1SoMain	SEC1SouthMain	9/15/2015 14:26		55.3	38.5	0	6.2	0.29	76	103	-14.3	-57.45	No change,,,,,,,
S1SoMain	SEC1SouthMain	9/15/2015 14:26	ADJ	55.3	38.5	0	6.2	0.2	76	85	-14.2	-57.45	
S1SoMain	SEC1SouthMain	9/24/2015 9:02		43.3	38	0	18.7	0.16	75	75	-14.8	-58.16	No change,,,,,,,
S1SoMain	SEC1SouthMain	9/24/2015 9:02	ADJ	43.3	38	0	18.7	0.22	75	88	-14.8	-58.16	
S1SoMain	SEC1SouthMain	9/30/2015 12:45		43.8	37.4	0	18.8	0.23	75	89	-14.5	-58.31	No change,,,,,,,
S1SoMain	SEC1SouthMain	9/30/2015 12:45	ADJ	43.8	37.4	0	18.8	0.14	75	68	-14.5	-58.31	
S1SoMain	SEC1SouthMain	10/8/2015 15:36		43.8	37.6	0	18.6	0.22	73	87	-14	-57.31	No change,,,,,,,
S1SoMain	SEC1SouthMain	10/8/2015 15:36	ADJ	43.8	37.6	0	18.6	0.18	74	77	-14.1	-57.31	
S1SoMain	SEC1SouthMain	10/21/2015 7:52		42.5	37.3	0	20.2	0.28	70	99	-14.1	-57.81	No change,,,,,,,
S1SoMain	SEC1SouthMain	10/21/2015 7:52	ADJ	42.5	37.3	0	20.2	0.2	71	83	-14.1	-57.81	
S1SoMain	SEC1SouthMain	10/26/2015 12:25		42.4	36.9	0	20.7	0.22	70	87	-14.4	-58.88	No change,,,,,,,
S1SoMain	SEC1SouthMain	10/26/2015 12:25	ADJ	42.4	36.9	0	20.7	0.18	70	79	-14.4	-58.88	
S1SoMain	SEC1SouthMain	10/27/2015 8:04		50.1	39.2	0	10.7	0.22	69	88	-14.2	-59.03	No change,,,,,,,
S1SoMain	SEC1SouthMain	10/27/2015 8:04	ADJ	50.1	39.2	0	10.7	0.35	70	112	-14.2	-59.03	
S1SoMain	SEC1SouthMain	10/27/2015 14:42		50.3	39.6	0	10.1	0.32	70	106	-13.3	-58.04	No change,,,,,,,
S1SoMain	SEC1SouthMain	10/27/2015 14:42	ADJ	50.3	39.6	0	10.1	0.31	70	105	-13.3	-58.04	
S1SoMain	SEC1SouthMain	11/2/2015 11:34		47.1	38.6	0	14.3	0.41	69	120	-17.4	-57.16	No change,,,,,,,
S1SoMain	SEC1SouthMain	11/2/2015 11:34	ADJ	47.1	38.6	0	14.3	0.21	69	85	-17.4	-57.16	
S1SoMain	SEC1SouthMain	11/3/2015 10:06		50.1	39.7	0	10.2	0.23	68	89	-19.2	-57.97	No change,,,,,,,
S1SoMain	SEC1SouthMain	11/3/2015 10:06	ADJ	50.1	39.7	0	10.2	0.17	68	78	-19	-57.97	
S1SoMain	SEC1SouthMain	11/3/2015 17:29		50.8	39.8	0	9.4	0.09	69	55	-18.3	-57.27	No change,,,,,,,
S1SoMain	SEC1SouthMain	11/3/2015 17:29	ADJ	50.8	39.8	0	9.4	0.13	69	66	-18.3	-57.27	
S1SoMain	SEC1SouthMain	11/4/2015 13:49		50	39.4	0	10.6	0.27	69	98	-18.6	-57.32	No change,,,,,,,
S1SoMain	SEC1SouthMain	11/4/2015 13:49	ADJ	50	39.4	0	10.6	0.19	69	82	-18.3	-57.32	
S1SoMain	SEC1SouthMain	11/4/2015 17:41		49.3	39.1	0	11.6	0.17	68	78	-18.1	-56.99	No change,,,,,,,
S1SoMain	SEC1SouthMain	11/4/2015 17:41	ADJ	49.3	39.1	0	11.6	0.2	69	84	-18.2	-56.99	
S1SoMain	SEC1SouthMain	11/9/2015 16:51		45.8	38.6	0	15.6	0.19	68	81	-18.8	-58.95	No change,,,,,,,
S1SoMain	SEC1SouthMain	11/9/2015 16:51	ADJ	45.8	38.6	0	15.6	0.15	68	73	-18.7	-58.95	
S1SoMain	SEC1SouthMain	12/11/2015 13:47		47.8	37.8	0	14.4	0.14	60	70	-20.8	-59.24	No change,,,,,,,
S1SoMain	SEC1SouthMain	12/11/2015 13:47	ADJ	47.8	37.8	0	14.4	0.25	60	95	-20.8	-59.24	
S1SoMain	SEC1SouthMain	12/21/2015 8:07		48.5	37.9	0	13.6	0.16	57	75	-21.4	-59.36	No change,,,,,,,
S1SoMain	SEC1SouthMain	12/21/2015 8:07	ADJ	48.5	37.9	0	13.6	0.13	58	68	-21.4	-59.36	
S1SoMain	SEC1SouthMain	12/21/2015 15:42		50.7	38.1	0	11.2	0.19	58	83	-20.9	-59.83	No change,,,,,,,
S1SoMain	SEC1SouthMain	12/21/2015 15:42	ADJ	50.7	38.1	0	11.2	0.07	58	48	-21	-59.83	
Sector 2 Vertical Wells													
S2GEW12A	SEC2GW12R	1/19/2015 7:59		60.5	39	0.3	0.2	-0.04	48	---	-40.2	-53.11	,,,,,,,
S2GEW12A	SEC2GW12R	1/19/2015 7:59	ADJ	60.5	39	0.3	0.2	-0.04	45	---	-41.7	-53.11	
S2GEW12A	SEC2GW12R	2/6/2015 9:54		52.1	33.1	4.3	10.5	14.51	32	267	-25.7	-49.07	No change,,,,,,,
S2GEW12A	SEC2GW12R	2/6/2015 9:54	ADJ	52.1	33.1	4.3	10.5	14.38	31	267	-25.7	-49.07	
S2GEW12A	SEC2GW12R	3/23/2015 11:06		61.7	38.2	0	0.1	0.01	45	7	-3.4	-53.31	Opened valve 1/2 turn or less,,,,,,,
S2GEW12A	SEC2GW12R	3/23/2015 11:06	ADJ	61.7	38.2	0	0.1	0.01	41	6	-6.6	-53.31	
S2GEW12A	SEC2GW12R	4/27/2015 12:43		53.9	33.8	2.4	9.9	0.01	67	6	-22.3	-53.69	No change,,,,,,,
S2GEW12A	SEC2GW12R	4/27/2015 12:43	ADJ	53.9	33.8	2.4	9.9	0.01	66	6	-23	-53.69	
S2GEW12A	SEC2GW12R	5/22/2015 12:37		40.7	29.6	1.5	28.2	0	74	0	-36.1	-53.37	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2GEW12A	SEC2GW12R	5/22/2015 12:37	ADJ	40.7	29.6	1.5	28.2	0	72	0	-33.3	-53.37	
S2GEW12A	SEC2GW12R	6/27/2015 7:18		48.1	31.3	3.7	16.9	8.82	73	204	-8.3	-50.74	Closed valve 1/2 turn or less,,,,,,,
S2GEW12A	SEC2GW12R	6/27/2015 7:18	ADJ	48.1	31.3	3.7	16.9	8.82	74	204	-7.2	-50.74	
S2GEW12A	SEC2GW12R	7/27/2015 11:16		62.3	37.6	0	0.1	0.04	92	13	-4	-47.81	Opened valve 1/2 turn or less,,,,,,,
S2GEW12A	SEC2GW12R	7/27/2015 11:16	ADJ	62.3	37.6	0	0.1	0.05	91	14	-4.6	-47.81	
S2GEW12A	SEC2GW12R	8/21/2015 6:49		55.3	37.6	0.9	6.2	0.04	70	11	-34.7	-47.7	Opened valve 1/2 turn or less,,,,,,,
S2GEW12A	SEC2GW12R	8/21/2015 6:49	ADJ	55.3	37.6	0.9	6.2	0.04	68	12	-35.9	-47.7	
S2GEW12A	SEC2GW12R	9/15/2015 12:51		53.1	36.2	0.8	9.9	0.08	82	17	-36.2	-46.06	No change,,,,,,,
S2GEW12A	SEC2GW12R	9/15/2015 12:51	ADJ	53.1	36.2	0.8	9.9	0.08	82	18	-36.2	-46.06	
S2GEW12A	SEC2GW12R	10/27/2015 9:07		56.7	37.6	0	5.7	0.02	69	8	-36.6	-47.68	Opened valve 1/2 turn or less,,,,,,,
S2GEW12A	SEC2GW12R	10/27/2015 9:07	ADJ	56.7	37.6	0	5.7	0.03	65	10	-38.2	-47.68	
S2GEW12A	SEC2GW12R	11/4/2015 14:13		53.5	36.8	0	9.7	0.08	76	17	-37.7	-44.28	Opened valve 1/2 turn or less,,,,,,,
S2GEW12A	SEC2GW12R	11/4/2015 14:13	ADJ	53.5	36.8	0	9.7	0.08	72	17	-38.3	-44.28	
S2GEW12A	SEC2GW12R	12/21/2015 12:43		49.7	34.5	0	15.8	0.01	52	7	-41.1	-46.92	No change,,,,,,,
S2GEW12A	SEC2GW12R	12/21/2015 12:43	ADJ	49.7	34.5	0	15.8	0.02	50	8	-41.1	-46.92	
S2P01OC5	SEC2P01OC5	1/19/2015 11:55		51.3	47.7	0.8	0.2	-0.08	79	---	-51.6	-54.08	No change,,,,,,,
S2P01OC5	SEC2P01OC5	1/19/2015 11:55	ADJ	51.3	47.7	0.8	0.2	0.01	75	4	-51.9	-54.08	
S2P01OC5	SEC2P01OC5	2/3/2015 12:46		51.9	47.9	0.1	0.1	-0.03	64	---	-51	-51.42	No change,,,,,,,
S2P01OC5	SEC2P01OC5	2/3/2015 12:46	ADJ	51.9	47.9	0.1	0.1	-0.06	64	---	-51	-51.42	
S2P01OC5	SEC2P01OC5	3/21/2015 11:23		52	47.1	0.7	0.2	-0.06	75	---	-53.8	-54.22	No change,,,,,,,
S2P01OC5	SEC2P01OC5	3/21/2015 11:23	ADJ	52	47.1	0.7	0.2	-0.04	77	---	-53.8	-54.22	
S2P01OC5	SEC2P01OC5	4/27/2015 13:27		51.8	47.5	0.6	0.1	-0.02	89	---	-53.7	-54.16	No change,,,,,,,
S2P01OC5	SEC2P01OC5	4/27/2015 13:27	ADJ	51.8	47.5	0.6	0.1	0	89	2	-53.7	-54.16	
S2P01OC5	SEC2P01OC5	5/22/2015 13:49		51.8	47.8	0.2	0.2	0.03	96	9	-53.9	-54.41	No change,,,,,,,
S2P01OC5	SEC2P01OC5	5/22/2015 13:49	ADJ	51.8	47.8	0.2	0.2	0.01	96	5	-54	-54.41	
S2P01OC5	SEC2P01OC5	6/27/2015 8:27		54.9	45	0	0.1	12.76	101	224	-50.1	-50.24	No change,Valve fully open,,,,,,
S2P01OC5	SEC2P01OC5	6/27/2015 8:27	ADJ	54.9	45	0	0.1	8.8	101	185	-50.1	-50.24	
S2P01OC5	SEC2P01OC5	7/27/2015 12:12		53.4	46	0.4	0.2	0.07	104	15	-49.4	-49.51	No change,Valve fully open,,,,,,
S2P01OC5	SEC2P01OC5	7/27/2015 12:12	ADJ	53.4	46	0.4	0.2	0.08	105	17	-49.4	-49.51	
S2P01OC5	SEC2P01OC5	8/21/2015 8:43		53.1	46.8	0	0.1	0.08	100	16	-47.2	-47.26	No change,Valve fully open,,,,,,
S2P01OC5	SEC2P01OC5	8/21/2015 8:43	ADJ	53.1	46.8	0	0.1	0.08	101	16	-47.2	-47.26	
S2P01OC5	SEC2P01OC5	9/15/2015 8:26		53.9	46	0	0.1	0.05	98	13	-47	-47.05	No change,Valve fully open,,,,,,
S2P01OC5	SEC2P01OC5	9/15/2015 8:26	ADJ	53.9	46	0	0.1	0.07	100	15	-47	-47.05	
S2P01OC5	SEC2P01OC5	10/26/2015 16:16		53	46.9	0	0.1	0.06	92	14	-48	-48.01	No change,Valve fully open,,,,,,
S2P01OC5	SEC2P01OC5	10/26/2015 16:16	ADJ	53	46.9	0	0.1	0.07	92	15	-48	-48.01	
S2P01OC5	SEC2P01OC5	11/3/2015 11:27		53.5	46.4	0	0.1	0.04	98	12	-46.4	-46.53	No change,Valve fully open,,,,,,
S2P01OC5	SEC2P01OC5	11/3/2015 11:27	ADJ	53.5	46.4	0	0.1	0.01	98	6	-46.5	-46.53	
S2P01OC5	SEC2P01OC5	12/23/2015 10:38		53.6	46.3	0	0.1	-0.06	74	---	-46	-46.03	No change,Valve fully open,,,,,,
S2P01OC5	SEC2P01OC5	12/23/2015 10:38	ADJ	53.6	46.3	0	0.1	-0.04	76	---	-46	-46.03	
SC2GW10B	SC2GW10B	1/19/2015 13:02		56.6	43.1	0.1	0.2	-0.37	101	---	-0.1	-52.67	Opened valve 1/2 turn or less,,,,,,,
SC2GW10B	SC2GW10B	1/19/2015 13:02	ADJ	56.6	43.1	0.1	0.2	-0.06	103	---	-0.9	-52.67	
SC2GW10B	SC2GW10B	2/3/2015 13:51		56.6	39.4	1.3	2.7	-0.34	105	---	-0.5	-48.6	Opened valve 1/2 turn or less,,,,,,,
SC2GW10B	SC2GW10B	2/3/2015 13:51	ADJ	56.6	39.4	1.3	2.7	-0.1	106	---	-1.5	-48.6	
SC2GW10B	SC2GW10B	3/21/2015 12:10		46.5	34.2	2.8	16.5	0.06	108	8	-1.3	-52.86	Closed valve 1/2 turn or less,,,,,,,
SC2GW10B	SC2GW10B	3/21/2015 12:10	ADJ	46.5	34.2	2.8	16.5	-0.16	109	8	-1	-52.86	
SC2GW10B	SC2GW10B	4/27/2015 13:58		58.1	41.7	0	0.2	-0.22	113	---	-0.1	-52.44	Opened valve 1/2 turn or less,,,,,,,
SC2GW10B	SC2GW10B	4/27/2015 13:58	ADJ	58.1	41.7	0	0.2	0.03	115	6	-0.7	-52.44	
SC2GW10B	SC2GW10B	5/23/2015 8:39		58.2	41.4	0.3	0.1	0.28	111	19	-0.1	-53.31	Opened valve 1/2 turn or less,,,,,,,
SC2GW10B	SC2GW10B	5/23/2015 8:39	ADJ	58.2	41.4	0.3	0.1	0.26	113	18	-0.6	-53.31	
SC2GW10B	SC2GW10B	6/27/2015 10:22		59.7	40.1	0	0.2	10.75	111	127	-0.4	-47.74	Opened valve 1/2 turn or less,,,,,,,
SC2GW10B	SC2GW10B	6/27/2015 10:22	ADJ	59.7	40.1	0	0.2	3.34	112	70	-1.6	-47.74	
SC2GW10B	SC2GW10B	7/27/2015 13:16		57.3	39.9	0.1	2.7	0.2	116	16	-0.6	-47.73	Opened valve 1/2 turn or less,,,,,,,
SC2GW10B	SC2GW10B	7/27/2015 13:16	ADJ	57.3	39.9	0.1	2.7	0.68	118	30	-2.1	-47.73	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
SC2GW10B	SC2GW10B	8/21/2015 10:39		58.8	40.5	0	0.7	0.14	115	13	-0.8	-44.39	Opened valve 1/2 turn or less,,,,,,,
SC2GW10B	SC2GW10B	8/21/2015 10:39	ADJ	58.8	40.5	0	0.7	0.43	116	24	-2.4	-44.39	
SC2GW10B	SC2GW10B	9/15/2015 9:07		58.6	40.3	0	1.1	0.26	118	18	-0.6	-45.39	Opened valve 1/2 turn or less,,,,,,,
SC2GW10B	SC2GW10B	9/15/2015 9:07	ADJ	58.6	40.3	0	1.1	0.32	119	20	-1.9	-45.39	
SC2GW10B	SC2GW10B	10/27/2015 8:49		58	41.9	0	0.1	0.21	110	16	-0.2	-47.04	Opened valve 1/2 turn or less,,,,,,,
SC2GW10B	SC2GW10B	10/27/2015 8:49	ADJ	58	41.9	0	0.1	0.28	112	19	-1.3	-47.04	
SC2GW10B	SC2GW10B	11/3/2015 17:15		51.6	36.6	0.8	11	0.2	115	16	-1.9	-43.5	No change,,,,,,,
SC2GW10B	SC2GW10B	11/3/2015 17:15	ADJ	51.6	36.6	0.8	11	0.21	116	16	-1.9	-43.5	
SC2GW10B	SC2GW10B	12/23/2015 12:45		57.3	42.6	0	0.1	-1.61	98	---	-0.2	-42.66	Opened valve 1/2 turn or less,,,,,,,
SC2GW10B	SC2GW10B	12/23/2015 12:45	ADJ	57.3	42.6	0	0.1	-1.18	100	---	-1	-42.66	
SC2GW11B	SC2GW11B	1/19/2015 8:34		58.7	38.8	0.4	2.1	-0.13	98	---	-3.9	-55.24	Opened valve 1/2 turn or less,,,,,,,
SC2GW11B	SC2GW11B	1/19/2015 8:34	ADJ	58.7	38.8	0.4	2.1	0.49	100	45	-5.8	-55.24	
SC2GW11B	SC2GW11B	2/3/2015 12:06		50.7	34.5	1.7	13.1	0.35	107	38	-5.2	-52.62	No change,,,,,,,
SC2GW11B	SC2GW11B	2/3/2015 12:06	ADJ	50.7	34.5	1.7	13.1	0.29	108	34	-5.2	-52.62	
SC2GW11B	SC2GW11B	3/23/2015 11:34		36.3	28.2	2.5	33	-0.13	108	---	-1.7	-53.75	Closed valve 1/2 turn or less,,,,,,,
SC2GW11B	SC2GW11B	3/23/2015 11:34	ADJ	36.3	28.2	2.5	33	-0.8	107	---	-0.8	-53.75	
SC2GW11B	SC2GW11B	4/27/2015 13:15		60.4	39.4	0.1	0.1	-0.09	92	---	-0.4	-54.76	Opened valve 1/2 turn or less,,,,,,,
SC2GW11B	SC2GW11B	4/27/2015 13:15	ADJ	60.4	39.4	0.1	0.1	0.3	94	36	-1.2	-54.76	
SC2GW11B	SC2GW11B	5/22/2015 13:21		46.9	34.3	1	17.8	0.13	104	23	-1.5	-54.56	Closed valve 1/2 turn or less,,,,,,,
SC2GW11B	SC2GW11B	5/22/2015 13:21	ADJ	46.9	34.3	1	17.8	0.07	104	16	-0.8	-54.56	
SC2GW11B	SC2GW11B	6/27/2015 8:16		58.3	39	0	2.7	16.9	97	283	-0.5	-51.09	Opened valve 1/2 turn or less,,,,,,,
SC2GW11B	SC2GW11B	6/27/2015 8:16	ADJ	58.3	39	0	2.7	8.98	98	205	-1.5	-51.09	
SC2GW11B	SC2GW11B	7/27/2015 11:48		42.4	32.5	0.9	24.2	0.25	110	31	-2.1	-48.76	Closed valve 1/2 turn or less,,,,,,,
SC2GW11B	SC2GW11B	7/27/2015 11:48	ADJ	42.4	32.5	0.9	24.2	0.09	110	18	-0.9	-48.76	
SC2GW11B	SC2GW11B	8/21/2015 8:19		60.1	39.8	0	0.1	0.04	99	13	-0.5	-47.66	Opened 1/2 to 1 turn,,,,,,,
SC2GW11B	SC2GW11B	8/21/2015 8:19	ADJ	60.1	39.8	0	0.1	0.18	101	27	-1.5	-47.66	
SC2GW11B	SC2GW11B	9/15/2015 8:03		37.9	30.8	0.8	30.5	0.21	114	28	-2.7	-45.86	Closed valve 1/2 turn or less,,,,,,,
SC2GW11B	SC2GW11B	9/15/2015 8:03	ADJ	37.9	30.8	0.8	30.5	0.29	113	34	-0.7	-45.86	
SC2GW11B	SC2GW11B	10/27/2015 9:39		59.9	40	0	0.1	0.26	90	33	-0.5	-47.15	Opened valve 1/2 turn or less,,,,,,,
SC2GW11B	SC2GW11B	10/27/2015 9:39	ADJ	59.9	40	0	0.1	0.29	100	35	-1.7	-47.15	
SC2GW11B	SC2GW11B	11/4/2015 15:05		47.2	33.8	0	19	0.13	105	22	-2	-44.28	Closed valve 1/2 turn or less,,,,,,,
SC2GW11B	SC2GW11B	11/4/2015 15:05	ADJ	47.2	33.8	0	19	0.06	105	16	-1	-44.28	
SC2GW11B	SC2GW11B	12/23/2015 10:20		60.3	39.6	0	0.1	-0.25	75	---	-0.2	-44.51	Opened valve 1/2 turn or less,,,,,,,
SC2GW11B	SC2GW11B	12/23/2015 10:20	ADJ	60.3	39.6	0	0.1	0	78	3	-0.7	-44.51	
SC2GW14A	SC2GW14A	1/20/2015 11:58		59.3	40.4	0.1	0.2	-2.47	43	---	-1.2	-47.51	Opened valve 1/2 turn or less,,,,,,,
SC2GW14A	SC2GW14A	1/20/2015 11:58	ADJ	59.3	40.4	0.1	0.2	-2.13	44	---	-1.8	-47.51	
SC2GW14A	SC2GW14A	2/5/2015 15:30		58.5	41.3	0.1	0.1	-1.82	31	---	-0.2	-47.18	Opened valve 1/2 turn or less,,,,,,,
SC2GW14A	SC2GW14A	2/5/2015 15:30	ADJ	58.5	41.3	0.1	0.1	-1.44	33	---	-1.3	-47.18	
SC2GW14A	SC2GW14A	3/27/2015 9:15		59.7	39.5	0.6	0.2	-2.4	43	---	-0.2	-53.28	Opened valve 1/2 turn or less,,,,,,,
SC2GW14A	SC2GW14A	3/27/2015 9:15	ADJ	59.7	39.5	0.6	0.2	-2.44	44	---	-0.7	-53.28	
SC2GW14A	SC2GW14A	4/28/2015 9:31		52	35.7	1.5	10.8	0.02	78	9	-0.2	-52.17	No change,,,,,,,
SC2GW14A	SC2GW14A	4/28/2015 9:31	ADJ	52	35.7	1.5	10.8	0.02	72	9	-0.2	-52.17	
SC2GW14A	SC2GW14A	5/22/2015 12:46		40.7	29	3.8	26.5	0.01	72	5	-0.1	-53.18	No change,Valve barely open,,,,,,
SC2GW14A	SC2GW14A	5/22/2015 12:46	ADJ	40.7	29	3.8	26.5	0.01	72	7	-0.2	-53.18	
SC2GW14A	SC2GW14A	6/29/2015 14:19		62.2	36.7	0	1.1	1.27	88	77	-1.2	-46.18	Opened valve 1/2 turn or less,,,,,,,
SC2GW14A	SC2GW14A	6/29/2015 14:19	ADJ	62.2	36.7	0	1.1	1.28	73	78	-1.7	-46.18	
SC2GW14A	SC2GW14A	7/27/2015 11:22		60.6	39.2	0.1	0.1	0.04	89	12	-0.7	-47.57	Opened valve 1/2 turn or less,,,,,,,
SC2GW14A	SC2GW14A	7/27/2015 11:22	ADJ	60.6	39.2	0.1	0.1	0.04	88	12	-2.2	-47.57	
SC2GW14A	SC2GW14A	8/21/2015 6:56		56.3	37.8	1.5	4.4	0.04	70	12	-2.9	-47.47	Opened valve 1/2 turn or less,,,,,,,
SC2GW14A	SC2GW14A	8/21/2015 6:56	ADJ	56.3	37.8	1.5	4.4	0.03	71	12	-3.9	-47.47	
SC2GW14A	SC2GW14A	9/15/2015 13:50		49.6	34.1	1.8	14.5	0.06	91	15	-0.1	-45.12	No change,Valve barely open,,,,,,
SC2GW14A	SC2GW14A	9/15/2015 13:50	ADJ	49.6	34.1	1.8	14.5	0.06	88	15	-0.1	-45.12	
SC2GW14A	SC2GW14A	9/15/2015 14:12		46.5	32.1	2.3	19.1	0.05	85	14	-0.1	-45.16	No change,,,,,,,
SC2GW14A	SC2GW14A	9/15/2015 14:12	ADJ	46.5	32.1	2.3	19.1	0.05	84	15	-0.1	-45.16	
SC2GW14A	SC2GW14A	10/27/2015 14:13		61.4	38.5	0	0.1	0.03	61	11	-1	-44.03	Opened valve 1/2 turn or less,,,,,,,
SC2GW14A	SC2GW14A	10/27/2015 14:13	ADJ	61.4	38.5	0	0.1	0.04	61	12	-2	-44.03	
SC2GW14A	SC2GW14A	11/4/2015 14:39		32.1	28.1	2	37.8	0.03	73	11	-1	-43.76	Closed valve 1/2 turn or less,,,,,,,
SC2GW14A	SC2GW14A	11/4/2015 14:39	ADJ	32.1	28.1	2	37.8	0.03	72	11	-0.1	-43.76	
SC2GW14A	SC2GW14A	12/23/2015 8:26		45.7	31.1	4.8	18.4	0.01	53	6	-15	-45.8	Closed valve 1/2 turn or less,,,,,,,
SC2GW14A	SC2GW14A	12/23/2015 8:26	ADJ	45.7	31.1	4.8	18.4	0.01	51	5	-13.7	-45.8	
SC2GW15A	SC2GW15A	1/20/2015 12:03		58.9	40.8	0.1	0.2	-2.25	45	---	-0.8	-35.84	Opened valve 1/2 turn or less,,,,,,,
SC2GW15A	SC2GW15A	1/20/2015 12:03	ADJ	58.9	40.8	0.1	0.2	-1.97	50	---	-1.7	-35.84	
SC2GW15A	SC2GW15A	2/6/2015 8:31		57.9	41.6	0.4	0.1	-5.46	35	---	-0.4	-32.38	Opened valve 1/2 turn or less,,,,,,,
SC2GW15A	SC2GW15A	2/6/2015 8:31	ADJ	57.9	41.6	0.4	0.1	-4.74	41	---	-1.6	-32.38	
SC2GW15A	SC2GW15A	3/27/2015 9:25		57.9	41.9	0.1	0.1	-2.85	49	---	-0.3	-32.1	Opened valve 1/2 turn or less,,,,,,,
SC2GW15A	SC2GW15A	3/27/2015 9:25	ADJ	57.9	41.9	0.1	0.1	-2.54	53	---	-1	-32.1	
SC2GW15A	SC2GW15A	4/27/2015 12:55		46.4	32.5	4.5	16.6	0.05	71	15	-2.6	-29.86	Closed valve 1/2 turn or less,,,,,,,
SC2GW15A	SC2GW15A	4/27/2015 12:55	ADJ	46.4	32.5	4.5	16.6	0.02	71	9	-1.7	-29.86	
SC2GW15A	SC2GW15A	5/22/2015 12:53		58.9	40.9	0	0.2	0.04	82	13	-0.3	-24.59	Opened valve 1/2 turn or less,,,,,,,
SC2GW15A	SC2GW15A	5/22/2015 12:53	ADJ	58.9	40.9	0	0.2	0.1	81	20	-1.1	-24.59	
SC2GW15A	SC2GW15A	6/27/2015 7:38		46.6	32	4	17.4	16.44	77	279	-3.3	-32.62	Closed valve 1/2 turn or less,,,,,,,
SC2GW15A	SC2GW15A	6/27/2015 7:38	ADJ	46.6	32	4	17.4	8.84	77	204	-2.6	-32.62	
SC2GW15A	SC2GW15A	7/27/2015 11:32		59.3	40.5	0	0.2	0.09	93	19	-0.5	-26.42	Opened valve 1/2 turn or less,,,,,,,
SC2GW15A	SC2GW15A	7/27/2015 11:32	ADJ	59.3	40.5	0	0.2	0.07	89	17	-1	-26.42	
SC2GW15A	SC2GW15A	8/21/2015 7:54		52.3	36	2.5	9.2	0.07	79	17	-9.1	-21.82	No change,,,,,,,
SC2GW15A	SC2GW15A	8/21/2015 7:54	ADJ	52.3	36	2.5	9.2	0.03	79	10	-9.1	-21.82	
SC2GW15A	SC2GW15A	9/15/2015 12:41		52	35.9	2.3	9.8	0.15	84	24	-18.5	-46	No change,,,,,,,
SC2GW15A	SC2GW15A	9/15/2015 12:41	ADJ	52	35.9	2.3	9.8	0.14	84	23	-18.5	-46	
SC2GW15A	SC2GW15A	10/27/2015 9:19		47.5	52.4	0	0.1	0.1	75	20	-0.1	-47.79	No change,,,,,,,
SC2GW15A	SC2GW15A	10/27/2015 9:19	ADJ	47.5	52.4	0	0.1	0.11	77	20	-0.1	-47.79	
SC2GW15A	SC2GW15A	11/4/2015 14:42		49.4	50.5	0	0.1	0.21	82	29	-0.1	-44.35	No change,,,,,,,
SC2GW15A	SC2GW15A	11/4/2015 14:42	ADJ	49.4	50.5	0	0.1	0.22	83	30	-0.1	-44.35	
SC2GW15A	SC2GW15A	12/23/2015 8:32		56	43.9	0	0.1	-1.3	83	---	-0.1	-47.16	Opened valve 1/2 turn or less,,,,,,,
SC2GW15A	SC2GW15A	12/23/2015 8:32	ADJ	56	43.9	0	0.1	-0.29	85	---	-1.1	-47.16	
SC2GW16A	SC2GW16A	1/19/2015 8:18		56.4	43.2	0.3	0.1	0.54	121	46	-14.9	-56.6	Opened valve 1/2 turn or less,,,,,,,
SC2GW16A	SC2GW16A	1/19/2015 8:18	ADJ	56.4	43.2	0.3	0.1	0.6	122	48	-16.3	-56.6	
SC2GW16A	SC2GW16A	2/3/2015 11:50		57.8	41.5	0.6	0.1	0.5	120	44	-18.9	-53.78	Opened valve 1/2 turn or less,,,,,,,
SC2GW16A	SC2GW16A	2/3/2015 11:50	ADJ	57.8	41.5	0.6	0.1	0.74	121	53	-20.9	-53.78	
SC2GW16A	SC2GW16A	3/23/2015 11:21		57.3	42	0.5	0.2	0.58	122	46	-29.2	-55.92	Opened valve 1/2 turn or less,,,,,,,
SC2GW16A	SC2GW16A	3/23/2015 11:21	ADJ	57.3	42	0.5	0.2	0.65	122	49	-30.4	-55.92	
SC2GW16A	SC2GW16A	4/27/2015 12:59		57.6	41.8	0.4	0.2	0.89	123	58	-34.5	-55.5	Opened valve 1/2 turn or less,,,,,,,
SC2GW16A	SC2GW16A	4/27/2015 12:59	ADJ	57.6	41.8	0.4	0.2	0.58	123	46	-35.9	-55.5	
SC2GW16A	SC2GW16A	5/22/2015 13:05		55.4	37.6	1.9	5.1	0.81	123	55	-38.7	-54.4	Opened valve 1/2 turn or less,,,,,,,
SC2GW16A	SC2GW16A	5/22/2015 13:05	ADJ	55.4	37.6	1.9	5.1	2.77	123	103	-40.8	-54.4	
SC2GW16A	SC2GW16A	6/27/2015 7:43		59.3	40.6	0	0.1	13.58	123	237	-41.2	-52.19	Opened 1/2 to 1 turn,,,,,,,
SC2GW16A	SC2GW16A	6/27/2015 7:43	ADJ	59.3	40.6	0	0.1	9.34	123	196	-42.3	-52.19	
SC2GW16A	SC2GW16A	7/27/2015 11:37		59	40.3	0.6	0.1	0.56	124	45	-40.8	-48.36	Opened 1/2 to 1 turn,,,,,,,
SC2GW16A	SC2GW16A	7/27/2015 11:37	ADJ	59	40.3	0.6	0.1	0.73	124	52	-42.4	-48.36	
SC2GW16A	SC2GW16A	8/21/2015 7:58		58.1	41.7	0	0.2	0.44	122	40	-43.2	-47.53	Opened valve 1/2 turn or less,,,,,,,
SC2GW16A	SC2GW16A	8/21/2015 7:58	ADJ	58.1	41.7	0	0.2	0.5	122	42	-44.3	-47.53	
SC2GW16A	SC2GW16A	9/15/2015 7:29		58	41.9	0	0.1	0.47	122	41	-43.4	-45.87	Opened valve 1/2 turn or less,,,,,,,
SC2GW16A	SC2GW16A	9/15/2015 7:29	ADJ	58	41.9	0	0.1	0.36	121	36	-44.4	-45.87	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
SC2GW16A	SC2GW16A	10/27/2015 9:27		57.5	42.4	0	0.1	0.42	120	39	-45.9	-46.92	Opened valve 1/2 turn or less,,,,,,,
SC2GW16A	SC2GW16A	10/27/2015 9:27	ADJ	57.5	42.4	0	0.1	0.56	120	44	-46.4	-46.92	
SC2GW16A	SC2GW16A	11/4/2015 14:53		58.5	41.4	0	0.1	0.45	120	40	-43	-43.52	No change,Valve barely open,,,,,,
SC2GW16A	SC2GW16A	11/4/2015 14:53	ADJ	58.5	41.4	0	0.1	0.44	120	40	-43.1	-43.52	
SC2GW16A	SC2GW16A	12/23/2015 8:37		57.8	42.1	0	0.1	0.5	115	42	-43.8	-44.07	No change,,,,,,,
SC2GW16A	SC2GW16A	12/23/2015 8:37	ADJ	57.8	42.1	0	0.1	0.41	115	39	-43.9	-44.07	
SC2GW22A	SC2GW22A	1/19/2015 12:32		47.2	38.7	0.4	13.7	0.78	118	54	-24.6	-54.98	Closed valve 1/2 turn or less,,,,,,,
SC2GW22A	SC2GW22A	1/19/2015 12:32	ADJ	47.2	38.7	0.4	13.7	0.65	119	49	-23.2	-54.98	
SC2GW22A	SC2GW22A	2/3/2015 13:18		49.4	39.5	0	11.1	0.58	119	47	-20.7	-49.28	Closed valve 1/2 turn or less,,,,,,,
SC2GW22A	SC2GW22A	2/3/2015 13:18	ADJ	49.4	39.5	0	11.1	0.49	119	43	-20	-49.28	
SC2GW22A	SC2GW22A	3/21/2015 11:45		50.2	38.7	0.2	10.9	0.5	119	44	-16.2	-55.06	No change,,,,,,,
SC2GW22A	SC2GW22A	3/21/2015 11:45	ADJ	50.2	38.7	0.2	10.9	0.34	120	36	-16.2	-55.06	
SC2GW22A	SC2GW22A	4/20/2015 16:10		56.8	42.1	0.1	1	0.37	120	38	-14.8	-53.93	Opened valve 1/2 turn or less,,,,,,,
SC2GW22A	SC2GW22A	4/20/2015 16:10	ADJ	56.8	42.1	0.1	1	0.53	120	45	-15.9	-53.93	
SC2GW22A	SC2GW22A	5/26/2015 10:54		52.5	40	0.2	7.3	0.9	121	58	-21.8	-51.94	No change,,,,,,,
SC2GW22A	SC2GW22A	5/26/2015 10:54	ADJ	52.5	40	0.2	7.3	0.6	122	47	-22	-51.94	
SC2GW22A	SC2GW22A	6/29/2015 13:50		56.9	39.6	0	3.5	8.3	122	189	-20.6	-48.4	Opened valve 1/2 turn or less,,,,,,,
SC2GW22A	SC2GW22A	6/29/2015 13:50	ADJ	56.9	39.6	0	3.5	2.19	122	96	-22.4	-48.4	
SC2GW22A	SC2GW22A	7/27/2015 12:29		53.2	39.9	0.3	6.6	0.93	121	59	-27	-49.72	No change,,,,,,,
SC2GW22A	SC2GW22A	7/27/2015 12:29	ADJ	53.2	39.9	0.3	6.6	0.87	121	57	-26.9	-49.72	
SC2GW22A	SC2GW22A	8/21/2015 9:03		50.6	37.6	1.5	10.3	0.57	118	46	-25.5	-47.11	No change,,,,,,,
SC2GW22A	SC2GW22A	8/21/2015 9:03	ADJ	50.6	37.6	1.5	10.3	0.64	118	49	-25.5	-47.11	
SC2GW22A	SC2GW22A	9/15/2015 8:47		52.3	38.2	1.1	8.4	0.38	122	38	-27.5	-48.06	No change,,,,,,,
SC2GW22A	SC2GW22A	9/15/2015 8:47	ADJ	52.3	38.2	1.1	8.4	0.59	122	47	-27.4	-48.06	
SC2GW22A	SC2GW22A	10/26/2015 16:32		45.8	35.2	1.8	17.2	0.48	121	42	-27.9	-49.71	Closed valve 1/2 turn or less,,,,,,,
SC2GW22A	SC2GW22A	10/26/2015 16:32	ADJ	45.8	35.2	1.8	17.2	0.3	121	33	-25.4	-49.71	
SC2GW22A	SC2GW22A	11/3/2015 11:46		53.8	37	1.2	8	0.45	121	42	-19.2	-47.12	Opened valve 1/2 turn or less,,,,,,,
SC2GW22A	SC2GW22A	11/3/2015 11:46	ADJ	53.8	37	1.2	8	0.5	121	44	-19.7	-47.12	
SC2GW22A	SC2GW22A	12/23/2015 10:57		50.4	37	1.2	11.4	0.33	119	35	-20.1	-46.18	No change,,,,,,,
SC2GW22A	SC2GW22A	12/23/2015 10:57	ADJ	50.4	37	1.2	11.4	0.49	119	43	-20.1	-46.18	
SC2GW23A	SC2GW23A	1/19/2015 12:25		57.6	41.1	1.1	0.2	0.9	128	60	-3.9	-56.47	Opened valve 1/2 turn or less,,,,,,,
SC2GW23A	SC2GW23A	1/19/2015 12:25	ADJ	57.6	41.1	1.1	0.2	0.04	136	12	-4.4	-56.47	
SC2GW23A	SC2GW23A	2/3/2015 13:08		45.7	36.3	3.1	14.9	0.03	137	11	-4.7	-53.72	Closed valve 1/2 turn or less,,,,,,,
SC2GW23A	SC2GW23A	2/3/2015 13:08	ADJ	45.7	36.3	3.1	14.9	-0.06	134	11	-3.9	-53.72	
SC2GW23A	SC2GW23A	3/21/2015 11:41		46.8	38.2	2.1	12.9	-0.46	135	---	-3.4	-56.43	Closed valve 1/2 turn or less,,,,,,,
SC2GW23A	SC2GW23A	3/21/2015 11:41	ADJ	46.8	38.2	2.1	12.9	-0.68	133	---	-2.8	-56.43	
SC2GW23A	SC2GW23A	4/20/2015 16:05		54.5	45.2	0.1	0.2	-0.83	103	---	-0.1	-56.72	Opened valve 1/2 turn or less,,,,,,,
SC2GW23A	SC2GW23A	4/20/2015 16:05	ADJ	54.5	45.2	0.1	0.2	-0.79	140	---	-0.5	-56.72	
SC2GW23A	SC2GW23A	5/26/2015 10:52		43.9	36.1	2.3	17.7	-0.01	137	---	-4.2	-53.87	Closed valve 1/2 turn or less,,,,,,,
SC2GW23A	SC2GW23A	5/26/2015 10:52	ADJ	43.9	36.1	2.3	17.7	-0.36	137	---	-3.6	-53.87	
SC2GW23A	SC2GW23A	6/29/2015 13:44		57.1	42.1	0.6	0.2	1.39	137	77	-0.9	-50.63	Opened valve 1/2 turn or less,,,,,,,
SC2GW23A	SC2GW23A	6/29/2015 13:44	ADJ	57.1	42.1	0.6	0.2	1.62	137	83	-1.3	-50.63	
SC2GW23A	SC2GW23A	7/27/2015 12:25		38.6	31.3	4.1	26	0.32	137	34	-6.1	-50.21	Closed valve 1/2 turn or less,,,,,,,
SC2GW23A	SC2GW23A	7/27/2015 12:25	ADJ	38.6	31.3	4.1	26	0.04	135	11	-4.7	-50.21	
SC2GW23A	SC2GW23A	8/21/2015 8:57		56.3	43.6	0	0.1	0.02	131	9	-0.1	-49	Opened valve 1/2 turn or less,,,,,,,
SC2GW23A	SC2GW23A	8/21/2015 8:57	ADJ	56.3	43.6	0	0.1	0.05	144	13	-0.7	-49	
SC2GW23A	SC2GW23A	9/15/2015 8:44		37.8	30.7	4.5	27	0.64	139	49	-7.5	-48.92	Closed valve 1/2 to 1 turn,,,,,,,
SC2GW23A	SC2GW23A	9/15/2015 8:44	ADJ	37.8	30.7	4.5	27	0.87	136	57	-6.1	-48.92	
SC2GW23A	SC2GW23A	9/16/2015 15:20		57.4	42.4	0.1	0.1	0.34	127	37	-0.1	-48.42	Opened valve 1/2 turn or less,,,,,,,
SC2GW23A	SC2GW23A	9/16/2015 15:20	ADJ	57.4	42.4	0.1	0.1	0.46	144	42	-0.3	-48.42	
SC2GW23A	SC2GW23A	10/26/2015 16:27		39.2	31.3	4.1	25.4	0.36	140	36	-6.4	-50.69	Closed valve 1/2 turn or less,,,,,,,
SC2GW23A	SC2GW23A	10/26/2015 16:27	ADJ	39.2	31.3	4.1	25.4	0.03	131	9	-3.7	-50.69	
SC2GW23A	SC2GW23A	11/3/2015 11:43		56.6	43.3	0	0.1	0.1	130	19	-0.1	-49.39	Opened valve 1/2 turn or less,,,,,,,
SC2GW23A	SC2GW23A	11/3/2015 11:43	ADJ	56.6	43.3	0	0.1	0.17	145	25	-0.1	-49.39	
SC2GW23A	SC2GW23A	12/23/2015 10:54		57.3	42.6	0	0.1	0.08	133	17	-1.3	-48.4	Opened valve 1/2 turn or less,,,,,,,
SC2GW23A	SC2GW23A	12/23/2015 10:54	ADJ	57.3	42.6	0	0.1	0.19	134	27	-1.6	-48.4	
SC2GW26A	SC2GW26A	1/19/2015 8:30		48.6	35.7	2.5	13.2	0.73	89	55	-4	-56.66	Closed valve 1/2 turn or less,,,,,,,
SC2GW26A	SC2GW26A	1/19/2015 8:30	ADJ	48.6	35.7	2.5	13.2	0.64	89	52	-3.5	-56.66	
SC2GW26A	SC2GW26A	2/3/2015 12:03		49.8	35.6	2.5	12.1	0.7	85	55	-3.2	-53.28	Closed valve 1/2 turn or less,,,,,,,
SC2GW26A	SC2GW26A	2/3/2015 12:03	ADJ	49.8	35.6	2.5	12.1	0.44	85	43	-2.6	-53.28	
SC2GW26A	SC2GW26A	3/23/2015 11:30		50.6	36.8	1.6	11	0.3	81	36	-2.3	-56.24	No change,,,,,,,
SC2GW26A	SC2GW26A	3/23/2015 11:30	ADJ	50.6	36.8	1.6	11	0.23	82	31	-2.3	-56.24	
SC2GW26A	SC2GW26A	4/27/2015 13:12		54.4	38.1	1.1	6.4	0.48	82	46	-2.4	-56.74	Opened valve 1/2 turn or less,,,,,,,
SC2GW26A	SC2GW26A	4/27/2015 13:12	ADJ	54.4	38.1	1.1	6.4	0.57	82	50	-2.7	-56.74	
SC2GW26A	SC2GW26A	5/22/2015 13:17		46.7	34.9	2	16.4	0.75	86	56	-3	-56.78	Closed valve 1/2 turn or less,,,,,,,
SC2GW26A	SC2GW26A	5/22/2015 13:17	ADJ	46.7	34.9	2	16.4	0.51	86	46	-2.6	-56.78	
SC2GW26A	SC2GW26A	6/27/2015 8:12		55.4	39.1	0.3	5.2	13.35	87	250	-2.1	-53.06	Opened valve 1/2 turn or less,,,,,,,
SC2GW26A	SC2GW26A	6/27/2015 8:12	ADJ	55.4	39.1	0.3	5.2	9.35	87	209	-2.7	-53.06	
SC2GW26A	SC2GW26A	7/27/2015 11:45		47.7	36	1.1	15.2	0.74	90	56	-3.9	-50.31	Closed valve 1/2 turn or less,,,,,,,
SC2GW26A	SC2GW26A	7/27/2015 11:45	ADJ	47.7	36	1.1	15.2	0.35	90	38	-2.6	-50.31	
SC2GW26A	SC2GW26A	8/21/2015 8:14		58.6	41.1	0.1	0.2	0.3	87	36	-1.7	-49.22	Opened valve 1/2 turn or less,,,,,,,
SC2GW26A	SC2GW26A	8/21/2015 8:14	ADJ	58.6	41.1	0.1	0.2	0.5	88	46	-2.7	-49.22	
SC2GW26A	SC2GW26A	9/15/2015 7:59		49.8	37.4	0.7	12.1	0.46	91	44	-3.6	-47.78	Closed valve 1/2 turn or less,,,,,,,
SC2GW26A	SC2GW26A	9/15/2015 7:59	ADJ	49.8	37.4	0.7	12.1	0.42	92	42	-3.3	-47.78	
SC2GW26A	SC2GW26A	10/27/2015 9:36		52.2	38.1	0	9.7	0.36	91	39	-2.5	-48.91	No change,,,,,,,
SC2GW26A	SC2GW26A	10/27/2015 9:36	ADJ	52.2	38.1	0	9.7	0.38	91	40	-2.5	-48.91	
SC2GW26A	SC2GW26A	11/4/2015 15:02		55.2	39.1	0	5.7	0.44	89	43	-2.2	-46.87	Opened valve 1/2 turn or less,,,,,,,
SC2GW26A	SC2GW26A	11/4/2015 15:02	ADJ	55.2	39.1	0	5.7	0.62	89	52	-2.7	-46.87	
SC2GW26A	SC2GW26A	12/23/2015 10:15		58.4	40.9	0	0.7	0.55	83	49	-3.5	-47.28	Opened valve 1/2 turn or less,,,,,,,
SC2GW26A	SC2GW26A	12/23/2015 10:15	ADJ	58.4	40.9	0	0.7	0.61	83	52	-3.9	-47.28	
SC2GW27A	SC2GW27A	1/19/2015 8:23		50.5	37.2	2.3	10	0.27	97	33	-1.3	-54.86	No change,,,,,,,
SC2GW27A	SC2GW27A	1/19/2015 8:23	ADJ	50.5	37.2	2.3	10	0.37	97	39	-1.3	-54.86	
SC2GW27A	SC2GW27A	2/3/2015 11:54		50.8	36.2	2.2	10.8	0.3	97	35	-1.1	-51.28	No change,,,,,,,
SC2GW27A	SC2GW27A	2/3/2015 11:54	ADJ	50.8	36.2	2.2	10.8	0.1	98	20	-1.1	-51.28	
SC2GW27A	SC2GW27A	3/23/2015 11:25		57.2	42.5	0.1	0.2	0.05	101	14	-0.1	-54.38	Opened valve 1/2 turn or less,,,,,,,
SC2GW27A	SC2GW27A	3/23/2015 11:25	ADJ	57.2	42.5	0.1	0.2	0.39	101	40	-1.2	-54.38	
SC2GW27A	SC2GW27A	4/27/2015 13:07		51.2	37	1.5	10.3	0.2	99	29	-1.5	-54.24	No change,,,,,,,
SC2GW27A	SC2GW27A	4/27/2015 13:07	ADJ	51.2	37	1.5	10.3	0.24	99	31	-1.4	-54.24	
SC2GW27A	SC2GW27A	5/22/2015 13:11		49.6	36.2	1.8	12.4	0.18	106	27	-0.7	-53.41	Closed valve 1/2 turn or less,,,,,,,
SC2GW27A	SC2GW27A	5/22/2015 13:11	ADJ	49.6	36.2	1.8	12.4	0.13	106	22	-0.5	-53.41	
SC2GW27A	SC2GW27A	6/27/2015 7:46		59.1	40.6	0	0.3	11.62	103	232	-0.1	-50.78	Opened 1/2 to 1 turn,,,,,,,
SC2GW27A	SC2GW27A	6/27/2015 7:46	ADJ	59.1	40.6	0	0.3	9.2	103	206	-1.2	-50.78	
SC2GW27A	SC2GW27A	7/27/2015 11:40		47.9	35.8	1.4	14.9	0.13	106	23	-2.1	-47.53	Closed valve 1/2 turn or less,,,,,,,
SC2GW27A	SC2GW27A	7/27/2015 11:40	ADJ	47.9	35.8	1.4	14.9	0.14	106	24	-1.3	-47.53	
SC2GW27A	SC2GW27A	8/21/2015 8:01		58.2	41.7	0	0.1	0.21	105	29	0	-47.3	Opened 1/2 to 1 turn,,,,,,,
SC2GW27A	SC2GW27A	8/21/2015 8:01	ADJ	58.2	41.7	0	0.1	0.48	105	45	-1.2	-47.3	
SC2GW27A	SC2GW27A	9/15/2015 7:52		52.8	37.7	0.9	8.6	0.27	105	33	-1.9	-45.94	No change,,,,,,,
SC2GW27A	SC2GW27A	9/15/2015 7:52	ADJ	52.8	37.7	0.9	8.6	0.28	105	34	-1.9	-45.94	
SC2GW27A	SC2GW27A	10/27/2015 9:30		58.2	41.7	0	0.1	0.23	106	30	-0.8	-47.69	Opened 1/2 to 1 turn,,,,,,,
SC2GW27A	SC2GW27A	10/27/2015 9:30	ADJ	58.2	41.7	0	0.1	0.55	106	48	-1.8	-47.69	
SC2GW27A	SC2GW27A	11/4/2015 14:57		48.8	36.3	0.8	14.1	0.53	106	47	-2.7	-43.87	Closed valve 1/2 to 1 turn,,,,,,,
SC2GW27A	SC2GW27A	11/4/2015 14:57	ADJ	48.8	36.3	0.8	14.1	0.22	106	29	-1.7	-43.87	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
SC2GW27A	SC2GW27A	12/23/2015 10:09		57.6	42.3	0	0.1	0.5	96	46	-0.2	-45.4	Opened valve 1/2 turn or less,,,,,,,
SC2GW27A	SC2GW27A	12/23/2015 10:09	ADJ	57.6	42.3	0	0.1	0.25	96	32	-0.8	-45.4	
SC2GW28A	SC2GW28A	1/19/2015 12:47		48.3	39	0.2	12.5	0.18	86	27	-6.9	-55.2	Closed valve 1/2 turn or less,,,,,,,
SC2GW28A	SC2GW28A	1/19/2015 12:47	ADJ	48.3	39	0.2	12.5	0.02	86	8	-6.5	-55.2	
SC2GW28A	SC2GW28A	2/3/2015 13:28		51.5	39.1	0.2	9.2	0.01	85	7	-5.5	-51.15	No change,,,,,,,
SC2GW28A	SC2GW28A	2/3/2015 13:28	ADJ	51.5	39.1	0.2	9.2	-0.07	85	7	-5.5	-51.15	
SC2GW28A	SC2GW28A	3/21/2015 11:53		49.1	37.9	0.2	12.8	-0.01	87	---	-5.2	-54.89	Closed valve 1/2 turn or less,,,,,,,
SC2GW28A	SC2GW28A	3/21/2015 11:53	ADJ	49.1	37.9	0.2	12.8	-0.19	86	---	-4.3	-54.89	
SC2GW28A	SC2GW28A	4/24/2015 8:19		58.8	40.3	0.5	0.4	0.09	84	19	-3.8	-56.46	Opened valve 1/2 turn or less,,,,,,,
SC2GW28A	SC2GW28A	4/24/2015 8:19	ADJ	58.8	40.3	0.5	0.4	0.18	86	27	-4.8	-56.46	
SC2GW28A	SC2GW28A	5/22/2015 14:15		58.3	41.5	0.1	0.1	0.23	102	30	-7	-56	Opened valve 1/2 turn or less,,,,,,,
SC2GW28A	SC2GW28A	5/22/2015 14:15	ADJ	58.3	41.5	0.1	0.1	0.3	102	35	-8	-56	
SC2GW28A	SC2GW28A	6/27/2015 9:05		59.8	38.6	0	1.6	9.02	101	204	-9.9	-51.04	Opened valve 1/2 turn or less,,,,,,,
SC2GW28A	SC2GW28A	6/27/2015 9:05	ADJ	59.8	38.6	0	1.6	9.18	101	205	-11.2	-51.04	
SC2GW28A	SC2GW28A	7/27/2015 13:05		60	39.6	0.3	0.1	0.54	101	47	-15.7	-50.44	Opened valve 1/2 turn or less,,,,,,,
SC2GW28A	SC2GW28A	7/27/2015 13:05	ADJ	60	39.6	0.3	0.1	0.68	102	53	-17.8	-50.44	
SC2GW28A	SC2GW28A	8/21/2015 9:10		59	40.8	0	0.2	0.35	98	37	-19.6	-47.02	Opened 1/2 to 1 turn,,,,,,,
SC2GW28A	SC2GW28A	8/21/2015 9:10	ADJ	59	40.8	0	0.2	0.5	99	45	-21.7	-47.02	
SC2GW28A	SC2GW28A	9/15/2015 8:54		58.8	41.1	0	0.1	0.57	99	48	-22.7	-47.1	Opened 1/2 to 1 turn,,,,,,,
SC2GW28A	SC2GW28A	9/15/2015 8:54	ADJ	58.8	41.1	0	0.1	0.66	100	51	-25	-47.1	
SC2GW28A	SC2GW28A	10/26/2015 16:38		55.2	39.6	0	5.2	0.71	94	53	-28.4	-48.04	Opened valve 1/2 turn or less,,,,,,,
SC2GW28A	SC2GW28A	10/26/2015 16:38	ADJ	55.2	39.6	0	5.2	0.82	95	57	-29.5	-48.04	
SC2GW28A	SC2GW28A	11/3/2015 17:03		58	40.2	0	1.8	0.68	95	52	-29	-44.34	Opened valve 1/2 turn or less,,,,,,,
SC2GW28A	SC2GW28A	11/3/2015 17:03	ADJ	58	40.2	0	1.8	0.8	95	56	-30	-44.34	
SC2GW28A	SC2GW28A	12/23/2015 11:03		55.9	39.8	0	4.3	0.88	91	59	-29.2	-43.15	Opened valve 1/2 turn or less,,,,,,,
SC2GW28A	SC2GW28A	12/23/2015 11:03	ADJ	55.9	39.8	0	4.3	0.81	91	57	-30.1	-43.15	
SC2GW29B	SC2GW29B	1/19/2015 12:54		50.8	38.8	1.7	8.7	0.15	110	24	-4	-54.58	No change,,,,,,,
SC2GW29B	SC2GW29B	1/19/2015 12:54	ADJ	50.8	38.8	1.7	8.7	0.17	111	26	-4.1	-54.58	
SC2GW29B	SC2GW29B	2/3/2015 13:37		52.7	39.4	1.1	6.8	0.11	109	21	-3.6	-50.23	No change,,,,,,,
SC2GW29B	SC2GW29B	2/3/2015 13:37	ADJ	52.7	39.4	1.1	6.8	0.05	110	14	-3.6	-50.23	
SC2GW29B	SC2GW29B	3/21/2015 12:02		52.4	40.2	0.8	6.6	-0.2	108	---	-2.3	-53.21	No change,,,,,,,
SC2GW29B	SC2GW29B	3/21/2015 12:02	ADJ	52.4	40.2	0.8	6.6	-0.2	109	---	-2.3	-53.21	
SC2GW29B	SC2GW29B	4/27/2015 13:52		57.6	42.2	0.1	0.1	0.28	108	34	-2.4	-52.84	Opened valve 1/2 turn or less,,,,,,,
SC2GW29B	SC2GW29B	4/27/2015 13:52	ADJ	57.6	42.2	0.1	0.1	0.35	111	37	-3.3	-52.84	
SC2GW29B	SC2GW29B	5/23/2015 8:24		56.5	40.7	0.2	2.6	0.31	111	35	-5.6	-53.3	Opened valve 1/2 turn or less,,,,,,,
SC2GW29B	SC2GW29B	5/23/2015 8:24	ADJ	56.5	40.7	0.2	2.6	0.31	112	35	-6.1	-53.3	
SC2GW29B	SC2GW29B	6/27/2015 10:06		58.8	40.8	0	0.4	10.73	110	220	-8.5	-48.26	Opened valve 1/2 turn or less,,,,,,,
SC2GW29B	SC2GW29B	6/27/2015 10:06	ADJ	58.8	40.8	0	0.4	3.69	111	127	-9.5	-48.26	
SC2GW29B	SC2GW29B	7/27/2015 13:13		56.4	40.6	0.1	2.9	0.38	112	39	-14.9	-48.15	Opened valve 1/2 turn or less,,,,,,,
SC2GW29B	SC2GW29B	7/27/2015 13:13	ADJ	56.4	40.6	0.1	2.9	0.46	112	42	-16	-48.15	
SC2GW29B	SC2GW29B	8/21/2015 10:35		57.3	40.8	0.2	1.7	0.31	109	35	-16	-45.11	Opened valve 1/2 turn or less,,,,,,,
SC2GW29B	SC2GW29B	8/21/2015 10:35	ADJ	57.3	40.8	0.2	1.7	0.41	110	40	-17.1	-45.11	
SC2GW29B	SC2GW29B	9/15/2015 9:03		54.6	39.8	0	5.6	0.33	112	36	-21.3	-45.67	Opened valve 1/2 turn or less,,,,,,,
SC2GW29B	SC2GW29B	9/15/2015 9:03	ADJ	54.6	39.8	0	5.6	0.37	113	38	-22.4	-45.67	
SC2GW29B	SC2GW29B	10/27/2015 8:45		53.1	39.6	0	7.3	0.33	111	35	-21.9	-47.3	No change,,,,,,,
SC2GW29B	SC2GW29B	10/27/2015 8:45	ADJ	53.1	39.6	0	7.3	0.71	111	52	-22	-47.3	
SC2GW29B	SC2GW29B	11/3/2015 17:10		57	41.2	0	1.8	0.46	111	42	-21.1	-43.96	Opened valve 1/2 turn or less,,,,,,,
SC2GW29B	SC2GW29B	11/3/2015 17:10	ADJ	57	41.2	0	1.8	0.5	112	44	-22.4	-43.96	
SC2GW29B	SC2GW29B	12/23/2015 12:41		56	41.8	0	2.2	0.61	108	48	-24.1	-42.81	Opened 1/2 to 1 turn,,,,,,,
SC2GW29B	SC2GW29B	12/23/2015 12:41	ADJ	56	41.8	0	2.2	0.54	109	46	-25.7	-42.81	
SC2GW36A	SC2GW36A	1/19/2015 11:39		55.2	44.1	0.5	0.2	0.05	136	13	-18.7	-53.21	Opened valve 1/2 turn or less,,,,,,,
SC2GW36A	SC2GW36A	1/19/2015 11:39	ADJ	55.2	44.1	0.5	0.2	0.15	137	23	-19.8	-53.21	
SC2GW36A	SC2GW36A	2/3/2015 12:28		55.6	44.1	0.2	0.1	0.02	135	9	-24.1	-50.85	Opened valve 1/2 turn or less,,,,,,,
SC2GW36A	SC2GW36A	2/3/2015 12:28	ADJ	55.6	44.1	0.2	0.1	0.03	137	9	-25.7	-50.85	
SC2GW36A	SC2GW36A	3/24/2015 6:23		57	42.5	0.3	0.2	-0.15	138	---	-21.7	-54.53	Opened valve 1/2 turn or less,,,,,,,
SC2GW36A	SC2GW36A	3/24/2015 6:23	ADJ	57	42.5	0.3	0.2	0.16	139	23	-23.1	-54.53	
SC2GW36A	SC2GW36A	4/20/2015 15:47		56.8	42.8	0.2	0.2	0.08	132	16	-24.2	-54.55	Opened valve 1/2 turn or less,,,,,,,
SC2GW36A	SC2GW36A	4/20/2015 15:47	ADJ	56.8	42.8	0.2	0.2	0.12	133	21	-25.5	-54.55	
SC2GW36A	SC2GW36A	5/26/2015 10:33		57.8	41.7	0.4	0.1	0.32	129	34	-26.9	-52.95	Opened valve 1/2 turn or less,,,,,,,
SC2GW36A	SC2GW36A	5/26/2015 10:33	ADJ	57.8	41.7	0.4	0.1	0.55	129	45	-28.3	-52.95	
SC2GW36A	SC2GW36A	6/29/2015 13:33		57.3	39.8	0.3	2.6	7.16	127	174	-27.6	-49.27	Opened valve 1/2 turn or less,,,,,,,
SC2GW36A	SC2GW36A	6/29/2015 13:33	ADJ	57.3	39.8	0.3	2.6	1.72	127	84	-28.6	-49.27	
SC2GW36A	SC2GW36A	7/27/2015 12:02		53.7	40.7	0.3	5.3	0.54	125	44	-30.6	-50.39	Opened valve 1/2 turn or less,,,,,,,
SC2GW36A	SC2GW36A	7/27/2015 12:02	ADJ	53.7	40.7	0.3	5.3	0.49	126	42	-30.9	-50.39	
SC2GW36A	SC2GW36A	8/21/2015 8:32		54.8	40.2	0.1	4.9	0.6	125	47	-29.2	-47.58	Opened valve 1/2 turn or less,,,,,,,
SC2GW36A	SC2GW36A	8/21/2015 8:32	ADJ	54.8	40.2	0.1	4.9	0.51	125	43	-30.6	-47.58	
SC2GW36A	SC2GW36A	9/15/2015 8:12		56.6	40	0	3.4	0.6	122	47	-31.2	-47.57	Opened valve 1/2 turn or less,,,,,,,
SC2GW36A	SC2GW36A	9/15/2015 8:12	ADJ	56.6	40	0	3.4	0.71	123	52	-32.2	-47.57	
SC2GW36A	SC2GW36A	10/26/2015 16:06		54.1	38.7	0	7.2	0.73	120	52	-33.2	-48.15	Opened valve 1/2 turn or less,,,,,,,
SC2GW36A	SC2GW36A	10/26/2015 16:06	ADJ	54.1	38.7	0	7.2	0.72	121	52	-34	-48.15	
SC2GW36A	SC2GW36A	11/3/2015 11:17		48.1	37	0	14.9	0.58	120	46	-33.2	-46.93	Closed valve 1/2 turn or less,,,,,,,
SC2GW36A	SC2GW36A	11/3/2015 11:17	ADJ	48.1	37	0	14.9	0.53	121	44	-31.6	-46.93	
SC2GW36A	SC2GW36A	12/23/2015 10:28		51.5	38	0	10.5	0.56	118	46	-27.7	-46.33	No change,,,,,,,
SC2GW36A	SC2GW36A	12/23/2015 10:28	ADJ	51.5	38	0	10.5	0.62	118	48	-27.7	-46.33	
SC2GW40A	SC2GW40A	1/19/2015 7:14		51.8	37.7	2.7	7.8	-0.4	72	---	-14.6	-53.4	No change,,,,,,,
SC2GW40A	SC2GW40A	1/19/2015 7:14	ADJ	51.8	37.7	2.7	7.8	-0.17	73	---	-14.6	-53.4	
SC2GW40A	SC2GW40A	2/3/2015 9:20		44.2	33.9	4.6	17.3	-0.42	69	---	-16.6	-51.66	Closed valve 1/2 turn or less,,,,,,,
SC2GW40A	SC2GW40A	2/3/2015 9:20	ADJ	44.2	33.9	4.6	17.3	-0.26	69	---	-14.2	-51.66	
SC2GW40A	SC2GW40A	3/27/2015 10:08		49.5	36.4	2	12.1	-0.32	68	---	-11.5	-53.57	Closed valve 1/2 turn or less,,,,,,,
SC2GW40A	SC2GW40A	3/27/2015 10:08	ADJ	49.5	36.4	2	12.1	-0.03	69	---	-10.9	-53.57	
SC2GW40A	SC2GW40A	4/27/2015 11:28		54.4	39.7	0.5	5.4	0.03	77	10	-10.2	-54.06	Opened valve 1/2 turn or less,,,,,,,
SC2GW40A	SC2GW40A	4/27/2015 11:28	ADJ	54.4	39.7	0.5	5.4	0.02	77	10	-11.1	-54.06	
SC2GW40A	SC2GW40A	5/22/2015 11:48		52.6	38.6	0.5	8.3	0.11	82	21	-11.9	-53.64	No change,,,,,,,
SC2GW40A	SC2GW40A	5/22/2015 11:48	ADJ	52.6	38.6	0.5	8.3	0.11	82	21	-11.9	-53.64	
SC2GW40A	SC2GW40A	6/27/2015 6:53		56.6	39.9	0	3.5	16.16	82	274	-11.7	-51.08	Opened valve 1/2 turn or less,,,,,,,
SC2GW40A	SC2GW40A	6/27/2015 6:53	ADJ	56.6	39.9	0	3.5	8.85	79	201	-13.7	-51.08	
SC2GW40A	SC2GW40A	7/27/2015 10:42		53.7	39.1	0.8	6.4	0.06	92	15	-12.9	-48.47	Opened valve 1/2 turn or less,,,,,,,
SC2GW40A	SC2GW40A	7/27/2015 10:42	ADJ	53.7	39.1	0.8	6.4	0.07	93	16	-15.1	-48.47	
SC2GW40A	SC2GW40A	8/21/2015 6:14		53	39.1	0.1	7.8	0.05	87	14	-16.7	-47.77	No change,,,,,,,
SC2GW40A	SC2GW40A	8/21/2015 6:14	ADJ	53	39.1	0.1	7.8	0.05	88	14	-16.7	-47.77	
SC2GW40A	SC2GW40A	9/15/2015 6:42		55.1	39.3	0	5.6	0.07	89	16	-15.7	-46.32	Opened valve 1/2 turn or less,,,,,,,
SC2GW40A	SC2GW40A	9/15/2015 6:42	ADJ	55.1	39.3	0	5.6	0.09	89	18	-18.9	-46.32	
SC2GW40A	SC2GW40A	10/26/2015 15:55		51.3	37.5	0	11.2	0.09	87	18	-17.5	-47.49	No change,,,,,,,
SC2GW40A	SC2GW40A	10/26/2015 15:55	ADJ	51.3	37.5	0	11.2	0.09	87	18	-17.5	-47.49	
SC2GW40A	SC2GW40A	11/3/2015 11:03		51.1	37.7	0	11.2	0.11	88	20	-16.9	-45.56	No change,,,,,,,
SC2GW40A	SC2GW40A	11/3/2015 11:03	ADJ	51.1	37.7	0	11.2	0.1	88	20	-16.9	-45.56	
SC2GW40A	SC2GW40A	12/21/2015 12:11		43.4	33.7	0	22.9	0.26	80	33	-14.1	-47.13	Closed valve 1/2 turn or less,,,,,,,
SC2GW40A	SC2GW40A	12/21/2015 12:11	ADJ	43.4	33.7	0	22.9	0.2	80	29	-13.5	-47.13	
SC2GW43A	SC2GW43A	1/19/2015 7:25		48.2	34.3	1	16.5	0.04	103	12	-12.3	-53.56	Closed valve 1/2 turn or less,,,,,,,
SC2GW43A	SC2GW43A	1/19/2015 7:25	ADJ	48.2	34.3	1	16.5	0.04	104	13	-11.5	-53.56	
SC2GW43A	SC2GW43A	2/3/2015 9:31		46.8	34.9	1	17.3	0	102	---	-10.1	-51.74	Closed valve 1/2 turn or less,,,,,,,
SC2GW43A	SC2GW43A	2/3/2015 9:31	ADJ	46.8	34.9	1	17.3	0	103	---	-9.2	-51.74	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
SC2GW43A	SC2GW43A	3/27/2015 10:18		41.8	31.3	1.3	25.6	-0.27	98	---	-2.2	-53.57	Closed valve 1/2 turn or less,,,,,,,
SC2GW43A	SC2GW43A	3/27/2015 10:18	ADJ	41.8	31.3	1.3	25.6	-0.4	98	---	-1.4	-53.57	
SC2GW43A	SC2GW43A	4/27/2015 11:35		57.4	37.9	0.2	4.5	-0.03	91	---	-0.5	-53.88	Opened valve 1/2 turn or less,,,,,,,
SC2GW43A	SC2GW43A	4/27/2015 11:35	ADJ	57.4	37.9	0.2	4.5	0.04	92	12	-1.1	-53.88	
SC2GW43A	SC2GW43A	5/22/2015 12:03		54.2	37.6	0.1	8.1	0.11	95	21	-0.7	-53.97	Opened valve 1/2 turn or less,,,,,,,
SC2GW43A	SC2GW43A	5/22/2015 12:03	ADJ	54.2	37.6	0.1	8.1	0.13	96	23	-1.5	-53.97	
SC2GW43A	SC2GW43A	6/27/2015 7:02		53.5	38.5	0	8	16.47	95	277	-1.6	-51.47	Opened valve 1/2 turn or less,,,,,,,
SC2GW43A	SC2GW43A	6/27/2015 7:02	ADJ	53.5	38.5	0	8	8.98	95	203	-1.9	-51.47	
SC2GW43A	SC2GW43A	7/27/2015 11:03		54.2	38.8	0.1	6.9	0.07	98	17	-1.7	-48.88	Opened valve 1/2 turn or less,,,,,,,
SC2GW43A	SC2GW43A	7/27/2015 11:03	ADJ	54.2	38.8	0.1	6.9	0.11	98	20	-2.7	-48.88	
SC2GW43A	SC2GW43A	8/21/2015 6:26		49	36.9	0	14.1	0.09	97	18	-3	-48.41	Closed valve 1/2 turn or less,,,,,,,
SC2GW43A	SC2GW43A	8/21/2015 6:26	ADJ	49	36.9	0	14.1	0.07	97	17	-2.7	-48.41	
SC2GW43A	SC2GW43A	9/15/2015 6:58		52.7	37.5	0	9.8	0.14	94	24	-2	-46.75	No change,,,,,,,
SC2GW43A	SC2GW43A	9/15/2015 6:58	ADJ	52.7	37.5	0	9.8	0.17	94	26	-2	-46.75	
SC2GW43A	SC2GW43A	10/26/2015 16:02		50.8	35.5	0	13.7	0.06	91	15	-2	-47.81	No change,,,,,,,
SC2GW43A	SC2GW43A	10/26/2015 16:02	ADJ	50.8	35.5	0	13.7	0.07	92	16	-2	-47.81	
SC2GW43A	SC2GW43A	11/3/2015 11:14		48.4	34.5	0	17.1	0.06	92	15	-2.1	-45.75	Closed valve 1/2 turn or less,,,,,,,
SC2GW43A	SC2GW43A	11/3/2015 11:14	ADJ	48.4	34.5	0	17.1	0.05	92	13	-1.7	-45.75	
SC2GW43A	SC2GW43A	12/21/2015 12:25		45.3	32.5	0	22.2	0.04	79	12	-1.1	-47.04	Closed valve 1/2 turn or less,,,,,,,
SC2GW43A	SC2GW43A	12/21/2015 12:25	ADJ	45.3	32.5	0	22.2	0.03	80	11	-0.7	-47.04	
SC2GW61A	SC2GW61A	1/19/2015 12:42		49.5	38.9	0.4	11.2	0.62	106	50	-10.7	-46.15	Closed valve 1/2 turn or less,,,,,,,
SC2GW61A	SC2GW61A	1/19/2015 12:42	ADJ	49.5	38.9	0.4	11.2	0.5	106	44	-10	-46.15	
SC2GW61A	SC2GW61A	2/3/2015 13:23		50.2	38.4	0.4	11	0.38	105	39	-8.2	-43.29	No change,,,,,,,
SC2GW61A	SC2GW61A	2/3/2015 13:23	ADJ	50.2	38.4	0.4	11	0.39	106	39	-8.1	-43.29	
SC2GW61A	SC2GW61A	3/21/2015 11:49		47.9	36.9	1.1	14.1	0.58	102	48	-7.3	-47.95	Closed valve 1/2 turn or less,,,,,,,
SC2GW61A	SC2GW61A	3/21/2015 11:49	ADJ	47.9	36.9	1.1	14.1	0.22	102	29	-6.2	-47.95	
SC2GW61A	SC2GW61A	4/24/2015 8:25		54.2	39.7	0.5	5.6	0.18	95	27	-6.9	-47.53	Opened valve 1/2 turn or less,,,,,,,
SC2GW61A	SC2GW61A	4/24/2015 8:25	ADJ	54.2	39.7	0.5	5.6	0.15	96	25	-7.5	-47.53	
SC2GW61A	SC2GW61A	5/22/2015 14:12		60.5	38.6	0.7	0.2	0.21	95	29	-13.9	-47.94	Opened valve 1/2 turn or less,,,,,,,
SC2GW61A	SC2GW61A	5/22/2015 14:12	ADJ	60.5	38.6	0.7	0.2	0.38	95	39	-15.1	-47.94	
SC2GW61A	SC2GW61A	6/27/2015 9:00		60	38	0.2	1.8	15.86	92	270	-19.4	-42.78	Opened valve 1/2 turn or less,,,,,,,
SC2GW61A	SC2GW61A	6/27/2015 9:00	ADJ	60	38	0.2	1.8	9.1	93	203	-20.7	-42.78	
SC2GW61A	SC2GW61A	7/27/2015 13:02		58.4	37.3	0.7	3.6	0.26	92	32	-20.4	-36.53	Opened valve 1/2 turn or less,,,,,,,
SC2GW61A	SC2GW61A	7/27/2015 13:02	ADJ	58.4	37.3	0.7	3.6	0.44	91	43	-22.3	-36.53	
SC2GW61A	SC2GW61A	8/21/2015 9:06		60.3	38.4	0.6	0.7	0.26	90	32	-21.4	-32.32	Opened 1/2 to 1 turn,,,,,,,
SC2GW61A	SC2GW61A	8/21/2015 9:06	ADJ	60.3	38.4	0.6	0.7	0.39	90	40	-22.4	-32.32	
SC2GW61A	SC2GW61A	9/15/2015 8:51		60.9	38.5	0.3	0.3	0.29	90	34	-24.1	-31.57	Opened valve 1/2 turn or less,,,,,,,
SC2GW61A	SC2GW61A	9/15/2015 8:51	ADJ	60.9	38.5	0.3	0.3	0.36	90	39	-25.2	-31.57	
SC2GW61A	SC2GW61A	10/26/2015 16:36		60.5	39.4	0	0.1	0.39	89	40	-24.6	-31	Opened valve 1/2 turn or less,,,,,,,
SC2GW61A	SC2GW61A	10/26/2015 16:36	ADJ	60.5	39.4	0	0.1	0.4	89	40	-25.2	-31	
SC2GW61A	SC2GW61A	11/3/2015 17:00		60.5	38.6	0	0.9	0.4	89	40	-26.4	-30.89	Opened valve 1/2 turn or less,Header Vacuum loss,,,,,,
SC2GW61A	SC2GW61A	11/3/2015 17:00	ADJ	60.5	38.6	0	0.9	0.5	89	45	-27.3	-30.89	
SC2GW61A	SC2GW61A	12/23/2015 11:00		59.8	40.1	0	0.1	0.47	83	44	-26.1	-29.35	Opened valve 1/2 turn or less,,,,,,,
SC2GW61A	SC2GW61A	12/23/2015 11:00	ADJ	59.8	40.1	0	0.1	0.53	83	47	-26.6	-29.35	
SE2GW24A	SEC2GW24A	1/19/2015 12:10		56.5	43.2	0.1	0.2	-0.58	105	---	-2	-55.07	Opened valve 1/2 turn or less,,,,,,,
SE2GW24A	SEC2GW24A	1/19/2015 12:10	ADJ	56.5	43.2	0.1	0.2	-0.08	110	---	-3	-55.07	
SE2GW24A	SEC2GW24A	2/3/2015 13:01		56.3	43.6	0	0.1	-0.78	109	---	-2.7	-52.8	Opened valve 1/2 turn or less,,,,,,,
SE2GW24A	SEC2GW24A	2/3/2015 13:01	ADJ	56.3	43.6	0	0.1	-0.52	115	---	-3.7	-52.8	
SE2GW24A	SEC2GW24A	3/21/2015 11:36		56.5	43.2	0.2	0.1	-0.08	113	---	-4.1	-55.83	Opened valve 1/2 turn or less,,,,,,,
SE2GW24A	SEC2GW24A	3/21/2015 11:36	ADJ	56.5	43.2	0.2	0.1	-0.01	119	---	-5.3	-55.83	
SE2GW24A	SEC2GW24A	4/27/2015 13:38		56.9	42.7	0.2	0.2	-0.19	117	---	-3.3	-54.6	Opened valve 1/2 turn or less,,,,,,,
SE2GW24A	SEC2GW24A	4/27/2015 13:38	ADJ	56.9	42.7	0.2	0.2	0.26	120	32	-4.4	-54.6	
SE2GW24A	SEC2GW24A	5/22/2015 14:00		56.9	43	0	0.1	-0.43	122	---	-0.4	-54.74	Opened valve 1/2 turn or less,,,,,,,
SE2GW24A	SEC2GW24A	5/22/2015 14:00	ADJ	56.9	43	0	0.1	0.17	125	25	-1.5	-54.74	
SE2GW24A	SEC2GW24A	6/27/2015 8:51		58.1	40.4	0	1.5	7.22	114	181	-0.3	-50.82	Opened valve 1/2 turn or less,,,,,,,
SE2GW24A	SEC2GW24A	6/27/2015 8:51	ADJ	58.1	40.4	0	1.5	7.86	121	188	-1.6	-50.82	
SE2GW24A	SEC2GW24A	7/27/2015 12:21		57.6	40.6	0.5	1.3	0.09	118	19	-10.8	-48.67	Opened valve 1/2 turn or less,,,,,,,
SE2GW24A	SEC2GW24A	7/27/2015 12:21	ADJ	57.6	40.6	0.5	1.3	0.16	118	25	-12.1	-48.67	
SE2GW24A	SEC2GW24A	8/21/2015 8:53		57.1	41.9	0.5	0.5	0.14	121	22	-9.9	-48.06	Opened valve 1/2 turn or less,,,,,,,
SE2GW24A	SEC2GW24A	8/21/2015 8:53	ADJ	57.1	41.9	0.5	0.5	0.18	122	26	-11.1	-48.06	
SE2GW24A	SEC2GW24A	9/15/2015 8:37		58	41.5	0.3	0.2	0.13	122	22	-8.9	-47.64	Opened valve 1/2 turn or less,,,,,,,
SE2GW24A	SEC2GW24A	9/15/2015 8:37	ADJ	58	41.5	0.3	0.2	0.19	123	27	-10.1	-47.64	
SE2GW24A	SEC2GW24A	10/27/2015 8:36		58.1	41.7	0	0.2	0.1	124	19	-0.8	-50.97	Opened valve 1/2 turn or less,,,,,,,
SE2GW24A	SEC2GW24A	10/27/2015 8:36	ADJ	58.1	41.7	0	0.2	0.13	124	22	-1.6	-50.97	
SE2GW24A	SEC2GW24A	11/3/2015 11:36		55.4	40.5	0.1	4	0.23	124	30	-2.3	-49.47	Opened valve 1/2 turn or less,,,,,,,
SE2GW24A	SEC2GW24A	11/3/2015 11:36	ADJ	55.4	40.5	0.1	4	0.2	125	27	-3.2	-49.47	
SE2GW24A	SEC2GW24A	12/23/2015 10:49		55.8	44.1	0	0.1	-0.14	119	---	-0.1	-48.9	Opened valve 1/2 turn or less,,,,,,,
SE2GW24A	SEC2GW24A	12/23/2015 10:49	ADJ	55.8	44.1	0	0.1	-0.04	119	---	-1.4	-48.9	
SE2GW25A	SEC2GW25A	1/19/2015 12:05		58.8	40.5	0.5	0.2	2.15	114	94	-15.7	-55.38	Opened valve 1/2 turn or less,,,,,,,
SE2GW25A	SEC2GW25A	1/19/2015 12:05	ADJ	58.8	40.5	0.5	0.2	-2.04	116	94	-16.7	-55.38	
SE2GW25A	SEC2GW25A	2/3/2015 12:55		59.6	39.6	0.6	0.2	23.65	113	314	-31.8	-52.21	No change,Valve fully open,Broken valve,,,,,
SE2GW25A	SEC2GW25A	2/3/2015 12:55	ADJ	59.6	39.6	0.6	0.2	21.02	113	296	-30.8	-52.21	
SE2GW25A	SEC2GW25A	3/21/2015 11:32		56.4	38.5	1	4.1	0.29	113	33	-29.8	-54.64	No change,Valve fully open,,,,,,
SE2GW25A	SEC2GW25A	3/21/2015 11:32	ADJ	56.4	38.5	1	4.1	0.23	113	29	-29.6	-54.64	
SE2GW25A	SEC2GW25A	4/27/2015 13:33		55.1	38.1	1.1	5.7	0.43	114	41	-24.1	-54.52	Opened valve 1/2 turn or less,,,,,,,
SE2GW25A	SEC2GW25A	4/27/2015 13:33	ADJ	55.1	38.1	1.1	5.7	0.59	114	48	-24.2	-54.52	
SE2GW25A	SEC2GW25A	5/22/2015 13:56		56.7	38.2	1	4.1	0.42	112	40	-30.4	-55	No change,Valve fully open,,,,,,
SE2GW25A	SEC2GW25A	5/22/2015 13:56	ADJ	56.7	38.2	1	4.1	0.35	113	36	-30.4	-55	
SE2GW25A	SEC2GW25A	6/27/2015 8:45		54.5	36.8	0.5	8.2	13.18	115	238	-28	-50.5	Valve fully open,,,,,,,
SE2GW25A	SEC2GW25A	6/27/2015 8:45	ADJ	54.5	36.8	0.5	8.2	9.34	115	200	-28.1	-50.5	
SE2GW25A	SEC2GW25A	7/27/2015 12:17		52.9	37.2	1.4	8.5	0.28	112	32	-45.4	-49.47	No change,,,,,,,
SE2GW25A	SEC2GW25A	7/27/2015 12:17	ADJ	52.9	37.2	1.4	8.5	0.25	112	30	-45.4	-49.47	
SE2GW25A	SEC2GW25A	8/21/2015 8:48		56.5	38.9	0.6	4	0.34	112	35	-42.4	-47.11	Opened valve 1/2 turn or less,,,,,,,
SE2GW25A	SEC2GW25A	8/21/2015 8:48	ADJ	56.5	38.9	0.6	4	0.43	113	39	-43.5	-47.11	
SE2GW25A	SEC2GW25A	9/15/2015 8:33		56.4	38.6	0.5	4.5	0.32	113	34	-42.8	-46.75	Opened valve 1/2 turn or less,,,,,,,
SE2GW25A	SEC2GW25A	9/15/2015 8:33	ADJ	56.4	38.6	0.5	4.5	0.35	114	36	-43.9	-46.75	
SE2GW25A	SEC2GW25A	10/26/2015 16:22		57	39	0	4	0.27	115	31	-43.9	-47.63	Opened valve 1/2 turn or less,,,,,,,
SE2GW25A	SEC2GW25A	10/26/2015 16:22	ADJ	57	39	0	4	0.48	115	42	-44.5	-47.63	
SE2GW25A	SEC2GW25A	11/3/2015 11:32		55.8	38.9	0	5.3	0.25	115	30	-43	-46.18	Opened valve 1/2 turn or less,,,,,,,
SE2GW25A	SEC2GW25A	11/3/2015 11:32	ADJ	55.8	38.9	0	5.3	0.33	116	34	-43.8	-46.18	
SE2GW25A	SEC2GW25A	12/23/2015 10:44		55.6	39.7	0	4.7	0.29	112	32	-42.8	-44.76	Opened valve 1/2 turn or less,,,,,,,
SE2GW25A	SEC2GW25A	12/23/2015 10:44	ADJ	55.6	39.7	0	4.7	0.36	113	36	-43.2	-44.76	
SEC2GW01	SEC2GW01	1/19/2015 5:49		44.7	33.6	0.3	21.4	-0.34	95	---	-17.2	-57.99	Closed valve 1/2 turn or less,,,,,,,
SEC2GW01	SEC2GW01	1/19/2015 5:49	ADJ	44.7	33.6	0.3	21.4	-0.68	94	---	-15.3	-57.99	
SEC2GW01	SEC2GW01	2/3/2015 8:24		43.8	32.6	0.3	23.3	0.13	93	22	-14	-56.97	Closed valve 1/2 turn or less,,,,,,,
SEC2GW01	SEC2GW01	2/3/2015 8:24	ADJ	43.8	32.6	0.3	23.3	0.08	92	17	-12.4	-56.97	
SEC2GW01	SEC2GW01	3/21/2015 10:59		53.4	33.8	0.4	12.4	0.26	88	33	-8.4	-58.38	Opened valve 1/2 turn or less,,,,,,,
SEC2GW01	SEC2GW01	3/21/2015 10:59	ADJ	53.4	33.8	0.4	12.4	0.05	88	14	-8.7	-58.38	
SEC2GW01	SEC2GW01	4/24/2015 8:47		55.5	36.6	0.7	7.2	0	88	3	-9	-58.59	Opened valve 1/2 turn or less,,,,,,,
SEC2GW01	SEC2GW01	4/24/2015 8:47	ADJ	55.5	36.6	0.7	7.2	0.2	89	28	-10.5	-58.59	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
SEC2GW01	SEC2GW01	5/22/2015 8:56		60	35.9	0.7	3.4	0.17	92	26	-14.4	-59.49	Opened valve 1/2 turn or less,,,,,,,
SEC2GW01	SEC2GW01	5/22/2015 8:56	ADJ	60	35.9	0.7	3.4	0.19	92	28	-15.9	-59.49	
SEC2GW01	SEC2GW01	6/27/2015 6:02		59.6	37.1	0	3.3	14.74	91	262	-17.3	-56.35	Opened valve 1/2 turn or less,,,,,,,
SEC2GW01	SEC2GW01	6/27/2015 6:02	ADJ	59.6	37.1	0	3.3	9	91	203	-19.4	-56.35	
SEC2GW01	SEC2GW01	7/27/2015 9:53		55.9	36.5	0.8	6.8	0.17	91	26	-20.3	-53.82	Opened valve 1/2 turn or less,,,,,,,
SEC2GW01	SEC2GW01	7/27/2015 9:53	ADJ	55.9	36.5	0.8	6.8	0.29	91	34	-23.2	-53.82	
SEC2GW01	SEC2GW01	8/18/2015 10:00		54.1	37.3	0.1	8.5	0.21	90	29	-23.4	-52.73	Opened valve 1/2 turn or less,,,,,,,
SEC2GW01	SEC2GW01	8/18/2015 10:00	ADJ	54.1	37.3	0.1	8.5	0.18	90	27	-24.1	-52.73	
SEC2GW01	SEC2GW01	9/15/2015 5:50		56.8	37.4	0	5.8	0.24	89	31	-26.6	-51.63	Opened valve 1/2 turn or less,,,,,,,
SEC2GW01	SEC2GW01	9/15/2015 5:50	ADJ	56.8	37.4	0	5.8	0.48	89	44	-28.7	-51.63	
SEC2GW01	SEC2GW01	10/26/2015 15:09		54.4	36.2	0	9.4	0.4	87	40	-30.5	-52.47	Opened valve 1/2 turn or less,,,,,,,
SEC2GW01	SEC2GW01	10/26/2015 15:09	ADJ	54.4	36.2	0	9.4	0.41	88	40	-31.7	-52.47	
SEC2GW01	SEC2GW01	11/3/2015 10:16		56.3	36.7	0	7	0.4	87	40	-32.1	-51.42	Opened valve 1/2 turn or less,,,,,,,
SEC2GW01	SEC2GW01	11/3/2015 10:16	ADJ	56.3	36.7	0	7	0.31	88	35	-34.8	-51.42	
SEC2GW01	SEC2GW01	12/21/2015 9:53		54.5	36.5	0	9	0.19	83	27	-36.7	-53	Opened valve 1/2 turn or less,,,,,,,
SEC2GW01	SEC2GW01	12/21/2015 9:53	ADJ	54.5	36.5	0	9	0.54	83	46	-41	-53	
SEC2GW02	SEC2GW02	1/19/2015 5:52		60.2	39.3	0.3	0.2	0.13	90	21	-58.1	-58.28	No change,Valve fully open,,,,,,
SEC2GW02	SEC2GW02	1/19/2015 5:52	ADJ	60.2	39.3	0.3	0.2	0.14	90	22	-58.1	-58.28	
SEC2GW02	SEC2GW02	2/3/2015 8:27		57.9	38.3	0.2	3.6	0.16	89	24	-57	-57.07	No change,Valve fully open,,,,,,
SEC2GW02	SEC2GW02	2/3/2015 8:27	ADJ	57.9	38.3	0.2	3.6	0.09	89	17	-56.9	-57.07	
SEC2GW02	SEC2GW02	3/21/2015 11:02		58.3	36.7	0.5	4.5	0.11	90	20	-58.2	-58.37	No change,Valve fully open,,,,,,
SEC2GW02	SEC2GW02	3/21/2015 11:02	ADJ	58.3	36.7	0.5	4.5	0.16	90	24	-58.2	-58.37	
SEC2GW02	SEC2GW02	4/27/2015 10:24		57.4	36.8	0.7	5.1	0.15	90	23	-58.7	-58.85	No change,Valve fully open,,,,,,
SEC2GW02	SEC2GW02	4/27/2015 10:24	ADJ	57.4	36.8	0.7	5.1	0.2	91	27	-58.7	-58.85	
SEC2GW02	SEC2GW02	5/22/2015 8:58		58.6	37.4	0.7	3.3	0.19	90	26	-59	-59.15	No change,Valve fully open,,,,,,
SEC2GW02	SEC2GW02	5/22/2015 8:58	ADJ	58.6	37.4	0.7	3.3	0.19	90	26	-59	-59.15	
SEC2GW02	SEC2GW02	6/27/2015 6:06		58.3	38.3	0	3.4	12.42	83	658	-56.2	-56.23	No change,Valve fully open,,,,,,
SEC2GW02	SEC2GW02	6/27/2015 6:06	ADJ	58.3	38.3	0	3.4	8.85	83	554	-56.2	-56.23	
SEC2GW02	SEC2GW02	7/27/2015 9:56		54.9	36.8	1	7.3	0.06	89	43	-52.6	-52.76	No change,Valve fully open,,,,,,
SEC2GW02	SEC2GW02	7/27/2015 9:56	ADJ	54.9	36.8	1	7.3	0.1	89	57	-52.6	-52.76	
SEC2GW02	SEC2GW02	8/18/2015 10:05		56.5	39	0	4.5	0.02	87	27	-52.4	-52.37	No change,Valve fully open,,,,,,
SEC2GW02	SEC2GW02	8/18/2015 10:05	ADJ	56.5	39	0	4.5	0.12	87	61	-52.3	-52.37	
SEC2GW02	SEC2GW02	9/15/2015 5:52		58.7	38.8	0	2.5	0.06	87	42	-51.7	-51.76	No change,Valve fully open,,,,,,
SEC2GW02	SEC2GW02	9/15/2015 5:52	ADJ	58.7	38.8	0	2.5	0.05	87	39	-51.7	-51.76	
SEC2GW02	SEC2GW02	10/26/2015 15:11		57.6	38	0	4.4	0.08	85	52	-52.9	-52.9	No change,Valve fully open,,,,,,
SEC2GW02	SEC2GW02	10/26/2015 15:11	ADJ	57.6	38	0	4.4	0.06	86	44	-52.9	-52.9	
SEC2GW02	SEC2GW02	11/3/2015 10:20		59.7	38.6	0	1.7	0.08	85	50	-51.3	-51.37	No change,Valve fully open,,,,,,
SEC2GW02	SEC2GW02	11/3/2015 10:20	ADJ	59.7	38.6	0	1.7	0.08	86	52	-51.3	-51.37	
SEC2GW02	SEC2GW02	12/21/2015 9:59		58.8	38.2	0	3	0.03	71	32	-52.7	-52.83	No change,Valve fully open,,,,,,
SEC2GW02	SEC2GW02	12/21/2015 9:59	ADJ	58.8	38.2	0	3	0.06	74	45	-52.9	-52.83	
SEC2GW04	SEC2GW04	1/19/2015 6:35		57.2	42.4	0.3	0.1	-0.23	75	---	-55.6	-55.25	No change,,,,,,,
SEC2GW04	SEC2GW04	1/19/2015 6:35	ADJ	57.2	42.4	0.3	0.1	-0.42	76	---	-55.6	-55.25	
SEC2GW04	SEC2GW04	2/3/2015 8:35		57.5	42.1	0.2	0.2	0.04	67	7	-54.2	-54.1	No change,Valve fully open,,,,,,
SEC2GW04	SEC2GW04	2/3/2015 8:35	ADJ	57.5	42.1	0.2	0.2	0.01	68	3	-54.4	-54.1	
SEC2GW04	SEC2GW04	3/21/2015 11:07		58.3	41.2	0.3	0.2	0	79	---	-56.4	-56.45	No change,Valve fully open,,,,,,
SEC2GW04	SEC2GW04	3/21/2015 11:07	ADJ	58.3	41.2	0.3	0.2	0.03	80	5	-56.4	-56.45	
SEC2GW04	SEC2GW04	4/27/2015 10:30		58.3	41.1	0.5	0.1	0.04	85	6	-55.5	-55.59	No change,Valve fully open,,,,,,
SEC2GW04	SEC2GW04	4/27/2015 10:30	ADJ	58.3	41.1	0.5	0.1	0.03	86	5	-55.4	-55.59	
SEC2GW04	SEC2GW04	5/22/2015 10:50		58.3	40.9	0.6	0.2	0.13	90	12	-55	-54.91	No change,Valve fully open,,,,,,
SEC2GW04	SEC2GW04	5/22/2015 10:50	ADJ	58.3	40.9	0.6	0.2	0.09	90	10	-55	-54.91	
SEC2GW04	SEC2GW04	6/27/2015 6:14		58.1	41.8	0	0.1	13.01	86	132	-52.7	-52.64	No change,Valve fully open,,,,,,
SEC2GW04	SEC2GW04	6/27/2015 6:14	ADJ	58.1	41.8	0	0.1	8.88	86	109	-53.3	-52.64	
SEC2GW04	SEC2GW04	7/27/2015 10:02		57.6	39.9	0.8	1.7	0.04	91	6	-50.1	-50.15	No change,Valve fully open,,,,,,
SEC2GW04	SEC2GW04	7/27/2015 10:02	ADJ	57.6	39.9	0.8	1.7	0.07	92	9	-50	-50.15	
SEC2GW04	SEC2GW04	8/18/2015 10:17		58	41.4	0	0.6	0.07	84	9	-49.3	-48.99	No change,Valve fully open,,,,,,
SEC2GW04	SEC2GW04	8/18/2015 10:17	ADJ	58	41.4	0	0.6	0.26	84	18	-49	-48.99	
SEC2GW04	SEC2GW04	9/15/2015 5:59		58.5	41.4	0	0.1	0.13	84	12	-47.8	-47.73	No change,Valve fully open,,,,,,
SEC2GW04	SEC2GW04	9/15/2015 5:59	ADJ	58.5	41.4	0	0.1	0.1	84	10	-47.9	-47.73	
SEC2GW04	SEC2GW04	10/26/2015 15:19		58.5	41.4	0	0.1	0.13	81	12	-49.5	-49.49	No change,Valve fully open,,,,,,
SEC2GW04	SEC2GW04	10/26/2015 15:19	ADJ	58.5	41.4	0	0.1	0.09	81	10	-49.6	-49.49	
SEC2GW04	SEC2GW04	11/3/2015 10:26		58.7	41.2	0	0.1	0.09	81	10	-48.7	-49.03	No change,Valve fully open,,,,,,
SEC2GW04	SEC2GW04	11/3/2015 10:26	ADJ	58.7	41.2	0	0.1	0.08	82	10	-48.6	-49.03	
SEC2GW04	SEC2GW04	12/21/2015 10:12		58.6	41.3	0	0.1	0.02	64	4	-50.5	-50.32	No change,Valve fully open,,,,,,
SEC2GW04	SEC2GW04	12/21/2015 10:12	ADJ	58.6	41.3	0	0.1	0.07	65	9	-50.1	-50.32	
SEC2GW08	SEC2GW08	1/19/2015 6:50		60	35.5	0.8	3.7	-0.13	45	---	-53.7	-53.79	No change,Valve fully open,,,,,,
SEC2GW08	SEC2GW08	1/19/2015 6:50	ADJ	60	35.5	0.8	3.7	-0.12	45	---	-53.7	-53.79	
SEC2GW08	SEC2GW08	2/3/2015 8:49		59.1	34.8	1.3	4.8	-0.04	32	---	-51.8	-51.2	No change,Valve fully open,,,,,,
SEC2GW08	SEC2GW08	2/3/2015 8:49	ADJ	59.1	34.8	1.3	4.8	-0.01	32	---	-51.8	-51.2	
SEC2GW08	SEC2GW08	3/21/2015 11:20		56.7	33.6	0.9	8.8	-0.04	51	---	-54.3	-54.42	No change,Valve fully open,,,,,,
SEC2GW08	SEC2GW08	3/21/2015 11:20	ADJ	56.7	33.6	0.9	8.8	-0.03	52	---	-54.3	-54.42	
SEC2GW08	SEC2GW08	4/27/2015 10:44		61.4	34.8	1	2.8	0	63	---	-54.7	-54.77	No change,Valve fully open,,,,,,
SEC2GW08	SEC2GW08	4/27/2015 10:44	ADJ	61.4	34.8	1	2.8	0	63	---	-54.7	-54.77	
SEC2GW08	SEC2GW08	5/22/2015 11:10		61.9	34.7	0.8	2.6	0.08	70	18	-54.1	-54.11	No change,Valve fully open,,,,,,
SEC2GW08	SEC2GW08	5/22/2015 11:10	ADJ	61.9	34.7	0.8	2.6	0.06	70	16	-54.1	-54.11	
SEC2GW08	SEC2GW08	6/27/2015 6:35		63.5	36.4	0	0.1	18.74	64	291	-51.7	-50.66	No change,Valve fully open,,,,,,
SEC2GW08	SEC2GW08	6/27/2015 6:35	ADJ	63.5	36.4	0	0.1	14.33	64	254	-51.7	-50.66	
SEC2GW08	SEC2GW08	7/27/2015 10:14		59	34.3	1.4	5.3	0.06	87	15	-49.6	-49.58	No change,Valve fully open,,,,,,
SEC2GW08	SEC2GW08	7/27/2015 10:14	ADJ	59	34.3	1.4	5.3	0.06	87	15	-49.5	-49.58	
SEC2GW08	SEC2GW08	8/18/2015 10:40		62.3	37.3	0	0.4	0.05	69	14	-47.7	-47.84	No change,Valve fully open,,,,,,
SEC2GW08	SEC2GW08	8/18/2015 10:40	ADJ	62.3	37.3	0	0.4	0.05	70	14	-47.8	-47.84	
SEC2GW08	SEC2GW08	9/15/2015 6:12		62.1	35.9	0.8	1.2	0.05	68	14	-47.2	-47.27	No change,Valve fully open,,,,,,
SEC2GW08	SEC2GW08	9/15/2015 6:12	ADJ	62.1	35.9	0.8	1.2	0.05	69	14	-47.2	-47.27	
SEC2GW08	SEC2GW08	10/26/2015 15:30		62.3	35.2	0	2.5	0.09	62	19	-48.4	-48.44	No change,Valve fully open,,,,,,
SEC2GW08	SEC2GW08	10/26/2015 15:30	ADJ	62.3	35.2	0	2.5	0.09	62	19	-48.4	-48.44	
SEC2GW08	SEC2GW08	11/3/2015 10:39		62.3	35.3	0	2.4	0.08	65	18	-46.4	-46.4	No change,Valve fully open,,,,,,
SEC2GW08	SEC2GW08	11/3/2015 10:39	ADJ	62.3	35.3	0	2.4	0.11	65	21	-46.4	-46.4	
SEC2GW08	SEC2GW08	12/21/2015 10:40		60.1	34	0	5.9	0	45	---	-48	-48.02	No change,Valve fully open,,,,,,
SEC2GW08	SEC2GW08	12/21/2015 10:40	ADJ	60.1	34	0	5.9	-0.01	44	---	-48	-48.02	
SEC2GW13	SEC2GW13	1/20/2015 11:53		61.6	37.8	0.5	0.1	1.78	42	94	-4.4	-50.32	Opened valve 1/2 turn or less,,,,,,,
SEC2GW13	SEC2GW13	1/20/2015 11:53	ADJ	61.6	37.8	0.5	0.1	-0.04	43	94	-5.3	-50.32	
SEC2GW13	SEC2GW13	2/5/2015 15:20		44.7	30.4	0.3	24.6	-1.88	30	---	-1.4	-51.84	Closed valve 1/2 turn or less,,,,,,,
SEC2GW13	SEC2GW13	2/5/2015 15:20	ADJ	44.7	30.4	0.3	24.6	-1.77	29	---	-0.3	-51.84	
SEC2GW13	SEC2GW13	3/23/2015 11:09		61.3	38.5	0	0.2	0.21	41	32	-0.8	-52.65	Opened valve 1/2 turn or less,,,,,,,
SEC2GW13	SEC2GW13	3/23/2015 11:09	ADJ	61.3	38.5	0	0.2	0.16	40	28	-2	-52.65	
SEC2GW13	SEC2GW13	4/27/2015 12:47		22.1	21.3	4.5	52.1	0.04	73	13	-12.2	-53.56	Closed valve 1/2 turn or less,,,,,,,
SEC2GW13	SEC2GW13	4/27/2015 12:47	ADJ	22.1	21.3	4.5	52.1	0.01	73	7	-10.5	-53.56	
SEC2GW13	SEC2GW13	5/22/2015 12:41		31.2	27	1.4	40.4	0.02	75	9	-8.6	-53.24	Closed valve 1/2 turn or less,Valve barely open,,,,,
SEC2GW13	SEC2GW13	5/22/2015 12:41	ADJ	31.2	27	1.4	40.4	0	75	4	-6.4	-53.24	
SEC2GW13	SEC2GW13	6/27/2015 7:22		62	37.9	0	0.1	16.92	71	292	-0.4	-50.49	Opened valve 1/2 turn or less,,,,,,,
SEC2GW13	SEC2GW13	6/27/2015 7:22	ADJ	62	37.9	0	0.1	8.82	70	209	-1.7	-50.49	
SEC2GW13	SEC2GW13	7/27/2015 11:19		25.6	23.5	3	47.9	0.05	86	14	-10.7	-47.63	Closed valve 1/2 turn or less,,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
SEC2GW13	SEC2GW13	7/27/2015 11:19	ADJ	25.6	23.5	3	47.9	0.04	85	12	-8.1	-47.63	
SEC2GW13	SEC2GW13	8/21/2015 6:53		61.7	38.2	0	0.1	0.04	70	13	-0.2	-47.62	Opened valve 1/2 turn or less,,,,,,,
SEC2GW13	SEC2GW13	8/21/2015 6:53	ADJ	61.7	38.2	0	0.1	0.04	68	13	-1.1	-47.62	
SEC2GW13	SEC2GW13	9/15/2015 12:54		42.6	32.7	0	24.7	0.06	84	15	-4.7	-45.82	Closed valve 1/2 turn or less,,,,,,,
SEC2GW13	SEC2GW13	9/15/2015 12:54	ADJ	42.6	32.7	0	24.7	0.06	83	15	-3.8	-45.82	
SEC2GW13	SEC2GW13	10/27/2015 9:11		61.8	38.1	0	0.1	0	52	---	-0.7	-47.16	Opened valve 1/2 turn or less,,,,,,,
SEC2GW13	SEC2GW13	10/27/2015 9:11	ADJ	61.8	38.1	0	0.1	0	51	2	-1.7	-47.16	
SEC2GW13	SEC2GW13	11/4/2015 14:16		35.2	31.3	0	33.5	0.05	68	14	-6.6	-43.79	Closed valve 1/2 turn or less,,,,,,,
SEC2GW13	SEC2GW13	11/4/2015 14:16	ADJ	35.2	31.3	0	33.5	0.05	68	14	-4.6	-43.79	
SEC2GW13	SEC2GW13	12/21/2015 13:07		62	37.9	0	0.1	0.02	41	8	-1	-46.64	Opened valve 1/2 turn or less,,,,,,,
SEC2GW13	SEC2GW13	12/21/2015 13:07	ADJ	62	37.9	0	0.1	0.02	39	9	-1.7	-46.64	
SEC2GW17	SEC2GW17	1/19/2015 14:24		58.9	39.8	1.1	0.2	-0.56	80	---	-18.5	-53.75	Opened valve 1/2 turn or less,,,,,,,
SEC2GW17	SEC2GW17	1/19/2015 14:24	ADJ	58.9	39.8	1.1	0.2	-0.05	80	---	-19.7	-53.75	
SEC2GW17	SEC2GW17	2/3/2015 14:48		58.1	40.7	1.1	0.1	-0.64	76	---	-17.7	-49.44	Opened valve 1/2 turn or less,,,,,,,
SEC2GW17	SEC2GW17	2/3/2015 14:48	ADJ	58.1	40.7	1.1	0.1	-0.04	77	---	-19.2	-49.44	
SEC2GW17	SEC2GW17	3/23/2015 10:21		50.2	37.1	1.1	11.6	0.37	79	39	-21.9	-54.06	No change,,,,,,,
SEC2GW17	SEC2GW17	3/23/2015 10:21	ADJ	50.2	37.1	1.1	11.6	0.46	79	43	-22.1	-54.06	
SEC2GW17	SEC2GW17	4/27/2015 15:15		54.8	38.6	1.1	5.5	0.48	86	44	-25.9	-53.08	Opened valve 1/2 turn or less,,,,,,,
SEC2GW17	SEC2GW17	4/27/2015 15:15	ADJ	54.8	38.6	1.1	5.5	0.65	86	51	-27.7	-53.08	
SEC2GW17	SEC2GW17	5/26/2015 8:33		58.9	40	0.9	0.2	0.42	84	41	-36.8	-53.1	Opened valve 1/2 turn or less,,,,,,,
SEC2GW17	SEC2GW17	5/26/2015 8:33	ADJ	58.9	40	0.9	0.2	0.39	84	39	-37.8	-53.1	
SEC2GW17	SEC2GW17	6/27/2015 11:08		58.5	38.9	1	1.6	8.83	85	194	-41.7	-48.72	Opened valve 1/2 turn or less,,,,,,,
SEC2GW17	SEC2GW17	6/27/2015 11:08	ADJ	58.5	38.9	1	1.6	3.55	85	122	-44.1	-48.72	
SEC2GW17	SEC2GW17	7/27/2015 13:57		55.3	38.7	1.1	4.9	0.44	86	41	-42.8	-47.86	Opened valve 1/2 turn or less,,,,,,,
SEC2GW17	SEC2GW17	7/27/2015 13:57	ADJ	55.3	38.7	1.1	4.9	0.41	85	40	-44.2	-47.86	
SEC2GW17	SEC2GW17	8/21/2015 11:02		57.1	39.6	0.6	2.7	0.18	84	26	-39.3	-45.13	Opened valve 1/2 turn or less,Valve fully open,,,,,,
SEC2GW17	SEC2GW17	8/21/2015 11:02	ADJ	57.1	39.6	0.6	2.7	0.07	84	15	-44.5	-45.13	
SEC2GW17	SEC2GW17	9/15/2015 9:34		57.9	38.1	0.7	3.3	0.2	83	27	-45.5	-46.03	No change,Valve fully open,,,,,,
SEC2GW17	SEC2GW17	9/15/2015 9:34	ADJ	57.9	38.1	0.7	3.3	-0.1	84	27	-45.4	-46.03	
SEC2GW17	SEC2GW17	10/27/2015 13:39		59.7	40.2	0	0.1	2.19	84	95	-40.7	-45.31	Opened valve 1/2 turn or less,Broken valve,,,,,,
SEC2GW17	SEC2GW17	10/27/2015 13:39	ADJ	59.7	40.2	0	0.1	2.4	84	99	-41.3	-45.31	
SEC2GW17	SEC2GW17	11/4/2015 15:27		59.4	40.5	0	0.1	2.43	84	100	-40.8	-40.85	No change,Valve fully open,,,,,,
SEC2GW17	SEC2GW17	11/4/2015 15:27	ADJ	59.4	40.5	0	0.1	2.39	84	99	-40.8	-40.85	
SEC2GW17	SEC2GW17	12/23/2015 13:40		58.6	40	0	1.4	2.27	76	97	-39.3	-33.68	No change,Valve fully open,,,,,,
SEC2GW17	SEC2GW17	12/23/2015 13:40	ADJ	58.6	40	0	1.4	2.29	77	98	-39.3	-33.68	
SEC2GW18	SEC2GW18	1/19/2015 14:30		56.4	37.8	0.7	5.1	0.52	77	45	-53.5	-54.69	Opened valve 1/2 turn or less,,,,,,,
SEC2GW18	SEC2GW18	1/19/2015 14:30	ADJ	56.4	37.8	0.7	5.1	0.33	77	35	-53.9	-54.69	
SEC2GW18	SEC2GW18	2/3/2015 14:55		57.7	38.4	0.4	3.5	0.47	74	43	-50.4	-50.87	No change,Valve fully open,,,,,,
SEC2GW18	SEC2GW18	2/3/2015 14:55	ADJ	57.7	38.4	0.4	3.5	0.39	74	39	-50.4	-50.87	
SEC2GW18	SEC2GW18	3/23/2015 10:26		39.4	31.7	0.3	28.6	0.25	78	30	-53.9	-55.38	Closed valve 1/2 turn or less,,,,,,,
SEC2GW18	SEC2GW18	3/23/2015 10:26	ADJ	39.4	31.7	0.3	28.6	0.36	78	36	-51.4	-55.38	
SEC2GW18	SEC2GW18	4/24/2015 8:22		60	39.2	0.6	0.2	0.73	42	56	-49.7	-55.78	Opened valve 1/2 turn or less,,,,,,,
SEC2GW18	SEC2GW18	4/24/2015 8:22	ADJ	60	39.2	0.6	0.2	0.52	72	45	-50.4	-55.78	
SEC2GW18	SEC2GW18	5/26/2015 8:36		60.6	38.9	0.4	0.1	0.12	79	21	-54.2	-54.99	Opened valve 1/2 turn or less,Valve fully open,,,,,,
SEC2GW18	SEC2GW18	5/26/2015 8:36	ADJ	60.6	38.9	0.4	0.1	-0.21	80	21	-54.5	-54.99	
SEC2GW18	SEC2GW18	6/27/2015 11:10		62.4	37.3	0.2	0.1	7.45	82	179	-50.4	-50.52	No change,Valve fully open,,,,,,
SEC2GW18	SEC2GW18	6/27/2015 11:10	ADJ	62.4	37.3	0.2	0.1	3.47	81	121	-50.4	-50.52	
SEC2GW18	SEC2GW18	7/27/2015 14:00		59.3	37.7	0.6	2.4	0.05	83	14	-49.3	-49.56	No change,Valve fully open,,,,,,
SEC2GW18	SEC2GW18	7/27/2015 14:00	ADJ	59.3	37.7	0.6	2.4	0.12	82	21	-49.3	-49.56	
SEC2GW18	SEC2GW18	8/21/2015 11:04		61	38.9	0	0.1	0.18	79	26	-46.9	-46.94	No change,Valve fully open,,,,,,
SEC2GW18	SEC2GW18	8/21/2015 11:04	ADJ	61	38.9	0	0.1	-0.05	80	26	-46.8	-46.94	
SEC2GW18	SEC2GW18	9/15/2015 13:08		60.7	37.7	0.1	1.5	0.31	86	35	-48.3	-48.35	No change,Valve fully open,,,,,,
SEC2GW18	SEC2GW18	9/15/2015 13:08	ADJ	60.7	37.7	0.1	1.5	0.32	85	35	-48.3	-48.35	
SEC2GW18	SEC2GW18	10/27/2015 13:42		58.1	38.2	0	3.7	-0.01	77	---	-47.2	-47.28	No change,Valve fully open,,,,,,
SEC2GW18	SEC2GW18	10/27/2015 13:42	ADJ	58.1	38.2	0	3.7	0.01	77	5	-47.2	-47.28	
SEC2GW18	SEC2GW18	11/4/2015 15:29		59.1	38.9	0	2	0.17	78	25	-46.4	-46.43	No change,Valve fully open,,,,,,
SEC2GW18	SEC2GW18	11/4/2015 15:29	ADJ	59.1	38.9	0	2	0.13	79	22	-46.5	-46.43	
SEC2GW18	SEC2GW18	12/23/2015 13:42		58.8	39.1	0	2.1	0.17	71	25	-45.7	-45.77	No change,Valve fully open,,,,,,
SEC2GW18	SEC2GW18	12/23/2015 13:42	ADJ	58.8	39.1	0	2.1	0.17	73	25	-45.8	-45.77	
SEC2GW19	SEC2GW19	1/20/2015 12:21		51.4	48.2	0.2	0.2	0.06	69	15	-0.4	-41.6	No change,,,,,,,
SEC2GW19	SEC2GW19	1/20/2015 12:21	ADJ	51.4	48.2	0.2	0.2	0.06	69	16	-0.4	-41.6	
SEC2GW19	SEC2GW19	2/3/2015 13:33		51.3	48.5	0.1	0.1	-0.66	66	---	-0.4	-40.88	No change,,,,,,,
SEC2GW19	SEC2GW19	2/3/2015 13:33	ADJ	51.3	48.5	0.1	0.1	-0.76	67	---	-0.5	-40.88	
SEC2GW19	SEC2GW19	3/21/2015 11:57		52.6	47	0.2	0.2	-0.37	70	---	-0.5	-46.32	No change,,,,,,,
SEC2GW19	SEC2GW19	3/21/2015 11:57	ADJ	52.6	47	0.2	0.2	-0.37	71	---	-0.5	-46.32	
SEC2GW19	SEC2GW19	4/27/2015 13:49		50	44.4	0.2	5.4	-0.15	79	---	-0.5	-45.56	No change,,,,,,,
SEC2GW19	SEC2GW19	4/27/2015 13:49	ADJ	50	44.4	0.2	5.4	-0.01	79	---	-0.5	-45.56	
SEC2GW19	SEC2GW19	5/23/2015 8:21		51.8	44.2	0.2	3.8	-0.22	81	---	-0.5	-46.96	No change,,,,,,,
SEC2GW19	SEC2GW19	5/23/2015 8:21	ADJ	51.8	44.2	0.2	3.8	-0.23	81	---	-0.5	-46.96	
SEC2GW19	SEC2GW19	6/27/2015 10:03		54.4	45.4	0.1	0.1	10.2	86	215	-0.5	-39.46	Opened valve 1/2 turn or less,,,,,,,
SEC2GW19	SEC2GW19	6/27/2015 10:03	ADJ	54.4	45.4	0.1	0.1	3.49	86	124	-1	-39.46	
SEC2GW19	SEC2GW19	7/27/2015 13:08		53.7	46	0.1	0.2	0.2	85	28	-1.5	-35.87	Opened valve 1/2 turn or less,,,,,,,
SEC2GW19	SEC2GW19	7/27/2015 13:08	ADJ	53.7	46	0.1	0.2	0.24	83	31	-1.6	-35.87	
SEC2GW19	SEC2GW19	8/21/2015 10:31		53.2	46.4	0	0.4	0.2	77	28	-1.8	-32.39	No change,,,,,,,
SEC2GW19	SEC2GW19	8/21/2015 10:31	ADJ	53.2	46.4	0	0.4	0.24	77	31	-1.8	-32.39	
SEC2GW19	SEC2GW19	9/15/2015 8:59		53.1	46.8	0	0.1	0.17	74	26	-1.8	-32.41	No change,,,,,,,
SEC2GW19	SEC2GW19	9/15/2015 8:59	ADJ	53.1	46.8	0	0.1	0.18	74	27	-1.8	-32.41	
SEC2GW19	SEC2GW19	10/27/2015 8:40		48.1	47.8	0	4.1	0.16	71	25	-1.8	-33.56	Closed valve 1/2 turn or less,,,,,,,
SEC2GW19	SEC2GW19	10/27/2015 8:40	ADJ	48.1	47.8	0	4.1	0.09	71	19	-1.3	-33.56	
SEC2GW19	SEC2GW19	11/3/2015 17:07		52.2	47.6	0	0.2	0.1	77	20	-1	-31.73	No change,Header Vacuum loss,,,,,,
SEC2GW19	SEC2GW19	11/3/2015 17:07	ADJ	52.2	47.6	0	0.2	0.11	77	21	-1	-31.73	
SEC2GW19	SEC2GW19	12/23/2015 12:37		50.6	49.2	0	0.2	-0.03	69	---	-0.7	-30.21	No change,,,,,,,
SEC2GW19	SEC2GW19	12/23/2015 12:37	ADJ	50.6	49.2	0	0.2	-0.1	69	---	-0.7	-30.21	
SEC2GW20	SEC2GW20	1/19/2015 14:35		58.4	40.9	0.6	0.1	0.1	90	19	-30.4	-43.56	Opened valve 1/2 turn or less,,,,,,,
SEC2GW20	SEC2GW20	1/19/2015 14:35	ADJ	58.4	40.9	0.6	0.1	0.11	92	20	-32.6	-43.56	
SEC2GW20	SEC2GW20	2/3/2015 15:03		58.2	41.3	0.3	0.2	0.04	89	12	-31.8	-40.06	Opened valve 1/2 turn or less,,,,,,,
SEC2GW20	SEC2GW20	2/3/2015 15:03	ADJ	58.2	41.3	0.3	0.2	0.04	91	12	-33.5	-40.06	
SEC2GW20	SEC2GW20	3/23/2015 10:32		56.7	39.1	0.2	4	0.23	92	29	-40.6	-46.13	Opened valve 1/2 turn or less,,,,,,,
SEC2GW20	SEC2GW20	3/23/2015 10:32	ADJ	56.7	39.1	0.2	4	0.22	95	28	-41.7	-46.13	
SEC2GW20	SEC2GW20	4/24/2015 8:37		58.6	40.9	0.4	0.1	0.14	92	23	-42.5	-44.91	Opened valve 1/2 turn or less,,,,,,,
SEC2GW20	SEC2GW20	4/24/2015 8:37	ADJ	58.6	40.9	0.4	0.1	0.18	93	25	-43.6	-44.91	
SEC2GW20	SEC2GW20	5/26/2015 8:38		59	40.6	0.2	0.2	0.11	92	20	-45.3	-45.83	Opened valve 1/2 turn or less,,,,,,,
SEC2GW20	SEC2GW20	5/26/2015 8:38	ADJ	59	40.6	0.2	0.2	0.11	93	20	-45.5	-45.83	
SEC2GW20	SEC2GW20	6/27/2015 11:13		61.1	38.6	0.1	0.2	7.78	97	183	-37	-37.12	No change,Valve fully open,,,,,,
SEC2GW20	SEC2GW20	6/27/2015 11:13	ADJ	61.1	38.6	0.1	0.2	3.44	97	121	-37.1	-37.12	
SEC2GW20	SEC2GW20	7/27/2015 14:02		59.4	40.4	0.1	0.1	0.09	97	18	-34	-34.18	No change,Valve fully open,,,,,,
SEC2GW20	SEC2GW20	7/27/2015 14:02	ADJ	59.4	40.4	0.1	0.1	0.1	98	19	-34.1	-34.18	
SEC2GW20	SEC2GW20	8/21/2015 11:07		59.5	40.4	0	0.1	0.08	97	17	-31.2	-31.31	No change,Valve fully open,,,,,,
SEC2GW20	SEC2GW20	8/21/2015 11:07	ADJ	59.5	40.4	0	0.1	0.09	97	18	-31.2	-31.31	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
SEC2GW20	SEC2GW20	9/15/2015 10:30		59.4	39.6	0.3	0.7	0.08	97	17	-30.9	-31.06	No change,Valve fully open,,,,,,
SEC2GW20	SEC2GW20	9/15/2015 10:30	ADJ	59.4	39.6	0.3	0.7	0.08	97	17	-30.9	-31.06	
SEC2GW20	SEC2GW20	10/27/2015 13:44		58.5	41.4	0	0.1	0.08	93	17	-31.8	-31.88	No change,Valve fully open,,,,,,
SEC2GW20	SEC2GW20	10/27/2015 13:44	ADJ	58.5	41.4	0	0.1	0.06	93	15	-31.8	-31.88	
SEC2GW20	SEC2GW20	11/4/2015 15:31		58.9	41	0	0.1	0.13	93	22	-31.2	-31.18	No change,Valve fully open,,,,,,
SEC2GW20	SEC2GW20	11/4/2015 15:31	ADJ	58.9	41	0	0.1	0.14	94	23	-31.1	-31.18	
SEC2GW20	SEC2GW20	12/23/2015 13:45		58.2	41.7	0	0.1	0.02	86	9	-29.5	-29.5	No change,Valve fully open,,,,,,
SEC2GW20	SEC2GW20	12/23/2015 13:45	ADJ	58.2	41.7	0	0.1	0.06	87	15	-29.5	-29.5	
SEC2GW21	SEC2GW21	1/19/2015 14:40		60	39.1	0.7	0.2	-0.52	71	---	-51.1	-51.14	No change,,,,,,,
SEC2GW21	SEC2GW21	1/19/2015 14:40	ADJ	60	39.1	0.7	0.2	-0.46	72	---	-51.2	-51.14	
SEC2GW21	SEC2GW21	2/3/2015 15:08		59.9	39.7	0.3	0.1	-0.36	60	---	-47.5	-47.58	No change,Valve fully open,,,,,,
SEC2GW21	SEC2GW21	2/3/2015 15:08	ADJ	59.9	39.7	0.3	0.1	-0.5	60	---	-47.6	-47.58	
SEC2GW21	SEC2GW21	3/23/2015 10:57		60.1	38.2	0.5	1.2	0.11	74	21	-51.9	-52	No change,Valve fully open,,,,,,
SEC2GW21	SEC2GW21	3/23/2015 10:57	ADJ	60.1	38.2	0.5	1.2	0.1	74	19	-51.9	-52	
SEC2GW21	SEC2GW21	4/24/2015 8:43		47.8	33.7	3.4	15.1	0.09	70	18	-51.5	-51.65	Closed valve 1/2 turn or less,,,,,,,
SEC2GW21	SEC2GW21	4/24/2015 8:43	ADJ	47.8	33.7	3.4	15.1	0.05	69	13	-50.6	-51.65	
SEC2GW21	SEC2GW21	5/26/2015 8:42		59.7	38	0.9	1.4	-0.09	75	---	-51.6	-51.89	Opened valve 1/2 turn or less,Valve fully open,,,,,,
SEC2GW21	SEC2GW21	5/26/2015 8:42	ADJ	59.7	38	0.9	1.4	-0.02	75	---	-51.8	-51.89	
SEC2GW21	SEC2GW21	6/27/2015 11:15		60.8	37.9	0.6	0.7	8.35	86	189	-46.1	-46.07	No change,Valve fully open,,,,,,
SEC2GW21	SEC2GW21	6/27/2015 11:15	ADJ	60.8	37.9	0.6	0.7	3.39	86	119	-46.1	-46.07	
SEC2GW21	SEC2GW21	7/27/2015 14:06		54.4	35.6	1.8	8.2	0.04	93	12	-44.1	-44.1	No change,Valve fully open,,,,,,
SEC2GW21	SEC2GW21	7/27/2015 14:06	ADJ	54.4	35.6	1.8	8.2	0.06	93	15	-44	-44.1	
SEC2GW21	SEC2GW21	8/21/2015 11:11		58.7	38.2	0.7	2.4	0.06	84	14	-41.2	-41.12	No change,Valve fully open,,,,,,
SEC2GW21	SEC2GW21	8/21/2015 11:11	ADJ	58.7	38.2	0.7	2.4	0.05	84	14	-41.2	-41.12	
SEC2GW21	SEC2GW21	9/15/2015 10:33		59.4	38.2	0.3	2.1	0.05	83	14	-41.6	-41.47	No change,Valve fully open,,,,,,
SEC2GW21	SEC2GW21	9/15/2015 10:33	ADJ	59.4	38.2	0.3	2.1	0.06	83	15	-41.5	-41.47	
SEC2GW21	SEC2GW21	10/27/2015 13:47		60	39.3	0	0.7	0.08	75	18	-42.2	-42.31	No change,Valve fully open,,,,,,
SEC2GW21	SEC2GW21	10/27/2015 13:47	ADJ	60	39.3	0	0.7	0.09	76	18	-42.2	-42.31	
SEC2GW21	SEC2GW21	11/4/2015 15:33		60.3	39.3	0	0.4	0.13	80	23	-41.6	-41.67	No change,Valve fully open,,,,,,
SEC2GW21	SEC2GW21	11/4/2015 15:33	ADJ	60.3	39.3	0	0.4	0.12	80	21	-41.6	-41.67	
SEC2GW21	SEC2GW21	12/23/2015 13:47		58.2	41.7	0	0.1	0.03	49	11	-41.2	-41.27	No change,Valve fully open,,,,,,
SEC2GW21	SEC2GW21	12/23/2015 13:47	ADJ	58.2	41.7	0	0.1	-0.05	49	11	-41.2	-41.27	
SEC2GW30	SEC2GW30	1/19/2015 6:59		57.2	41.7	1	0.1	4.63	102	135	-39	-53.53	Opened valve 1/2 turn or less,,,,,,,
SEC2GW30	SEC2GW30	1/19/2015 6:59	ADJ	57.2	41.7	1	0.1	1.15	104	66	-43.3	-53.53	
SEC2GW30	SEC2GW30	2/3/2015 9:02		56.5	42.6	0.8	0.1	5.51	109	146	-40.5	-51.92	Opened valve 1/2 turn or less,,,,,,,
SEC2GW30	SEC2GW30	2/3/2015 9:02	ADJ	56.5	42.6	0.8	0.1	6.15	110	154	-43	-51.92	
SEC2GW30	SEC2GW30	3/27/2015 9:49		50.4	35.6	3.3	10.7	11.84	103	213	-55.3	-54.06	No change,,,,,,,
SEC2GW30	SEC2GW30	3/27/2015 9:49	ADJ	50.4	35.6	3.3	10.7	8.53	104	182	-48.9	-54.06	
SEC2GW30	SEC2GW30	4/27/2015 10:50		58.4	39.8	1.1	0.7	20.4	102	289	-41.9	-54.63	Opened valve 1/2 turn or less,,,,,,,
SEC2GW30	SEC2GW30	4/27/2015 10:50	ADJ	58.4	39.8	1.1	0.7	13.12	103	231	-42.8	-54.63	
SEC2GW30	SEC2GW30	5/22/2015 11:26		58.3	38.6	1	2.1	13.77	107	235	-45.8	-54	Opened valve 1/2 turn or less,,,,,,,
SEC2GW30	SEC2GW30	5/22/2015 11:26	ADJ	58.3	38.6	1	2.1	11.49	107	214	-48	-54	
SEC2GW30	SEC2GW30	6/27/2015 6:42		49.8	37.4	0.3	12.5	26.55	103	330	-45.8	-51.5	No change,,,,,,,
SEC2GW30	SEC2GW30	6/27/2015 6:42	ADJ	49.8	37.4	0.3	12.5	30.58	104	354	-45.9	-51.5	
SEC2GW30	SEC2GW30	7/27/2015 10:30		57.8	42	0	0.2	0.09	97	18	-17	-49.02	Opened valve 1/2 turn or less,,,,,,,
SEC2GW30	SEC2GW30	7/27/2015 10:30	ADJ	57.8	42	0	0.2	0.08	98	17	-18.5	-49.02	
SEC2GW30	SEC2GW30	8/18/2015 11:01		51.1	37.5	2.2	9.2	0.13	102	21	-38.1	-47.71	No change,,,,,,,
SEC2GW30	SEC2GW30	8/18/2015 11:01	ADJ	51.1	37.5	2.2	9.2	0.01	102	6	-38.1	-47.71	
SEC2GW30	SEC2GW30	9/15/2015 6:28		55.3	39.3	1.3	4.1	0.07	98	16	-11.6	-47.3	Opened valve 1/2 turn or less,,,,,,,
SEC2GW30	SEC2GW30	9/15/2015 6:28	ADJ	55.3	39.3	1.3	4.1	0.08	99	17	-13.8	-47.3	
SEC2GW30	SEC2GW30	10/26/2015 15:48		57.8	42.1	0	0.1	0.04	81	12	-1.8	-48.01	Opened valve 1/2 turn or less,,,,,,,
SEC2GW30	SEC2GW30	10/26/2015 15:48	ADJ	57.8	42.1	0	0.1	0.04	75	13	-3	-48.01	
SEC2GW30	SEC2GW30	11/3/2015 10:55		58.2	41.7	0	0.1	0.08	96	17	-15.3	-46.35	Opened valve 1/2 turn or less,,,,,,,
SEC2GW30	SEC2GW30	11/3/2015 10:55	ADJ	58.2	41.7	0	0.1	0.08	98	17	-18.6	-46.35	
SEC2GW30	SEC2GW30	12/21/2015 11:25		56.1	43.8	0	0.1	-0.02	93	---	-4.6	-47.9	Opened valve 1/2 turn or less,,,,,,,
SEC2GW30	SEC2GW30	12/21/2015 11:25	ADJ	56.1	43.8	0	0.1	-0.02	99	---	-7.7	-47.9	
SEC2GW31	SEC2GW31	1/19/2015 11:47		55.7	43.3	0.8	0.2	-0.26	79	---	-7.6	-53.58	Opened valve 1/2 turn or less,,,,,,,
SEC2GW31	SEC2GW31	1/19/2015 11:47	ADJ	55.7	43.3	0.8	0.2	0.01	81	6	-8.8	-53.58	
SEC2GW31	SEC2GW31	2/3/2015 12:37		56.6	41.9	1.3	0.2	-1.06	68	---	-8.9	-50.96	Opened valve 1/2 turn or less,,,,,,,
SEC2GW31	SEC2GW31	2/3/2015 12:37	ADJ	56.6	41.9	1.3	0.2	-0.03	71	---	-10.5	-50.96	
SEC2GW31	SEC2GW31	3/24/2015 6:37		55.7	43	1.1	0.2	-0.34	66	---	-12.3	-54.42	Opened valve 1/2 turn or less,,,,,,,
SEC2GW31	SEC2GW31	3/24/2015 6:37	ADJ	55.7	43	1.1	0.2	-0.04	42	---	-15.5	-54.42	
SEC2GW31	SEC2GW31	4/27/2015 13:24		55.3	40.8	1.3	2.6	0.03	97	9	-19.5	-53.96	Opened valve 1/2 turn or less,,,,,,,
SEC2GW31	SEC2GW31	4/27/2015 13:24	ADJ	55.3	40.8	1.3	2.6	0.03	98	10	-20.8	-53.96	
SEC2GW31	SEC2GW31	5/22/2015 13:41		56.3	40.9	1.5	1.3	0.05	99	14	-18.5	-54.2	Opened valve 1/2 turn or less,,,,,,,
SEC2GW31	SEC2GW31	5/22/2015 13:41	ADJ	56.3	40.9	1.5	1.3	0.06	100	14	-19.9	-54.2	
SEC2GW31	SEC2GW31	6/27/2015 8:24		56.1	39.7	0.9	3.3	14.21	104	251	-16.3	-50.1	Opened valve 1/2 turn or less,,,,,,,
SEC2GW31	SEC2GW31	6/27/2015 8:24	ADJ	56.1	39.7	0.9	3.3	8.82	87	199	-17.6	-50.1	
SEC2GW31	SEC2GW31	7/27/2015 12:09		54.8	40.1	1.3	3.8	0.04	109	12	-9.6	-49.39	Opened valve 1/2 turn or less,,,,,,,
SEC2GW31	SEC2GW31	7/27/2015 12:09	ADJ	54.8	40.1	1.3	3.8	0.04	109	12	-11.4	-49.39	
SEC2GW31	SEC2GW31	8/21/2015 8:39		55.7	41.6	1.2	1.5	0.06	104	14	-8	-47.02	Opened valve 1/2 turn or less,,,,,,,
SEC2GW31	SEC2GW31	8/21/2015 8:39	ADJ	55.7	41.6	1.2	1.5	0.06	104	15	-8.7	-47.02	
SEC2GW31	SEC2GW31	9/15/2015 8:23		55.5	41.3	1.1	2.1	0.05	100	13	-6.5	-46.94	Opened valve 1/2 turn or less,,,,,,,
SEC2GW31	SEC2GW31	9/15/2015 8:23	ADJ	55.5	41.3	1.1	2.1	0.05	101	13	-7.6	-46.94	
SEC2GW31	SEC2GW31	10/26/2015 16:13		55.3	41.9	0.6	2.2	0.05	90	14	-6.3	-47.82	Opened valve 1/2 turn or less,,,,,,,
SEC2GW31	SEC2GW31	10/26/2015 16:13	ADJ	55.3	41.9	0.6	2.2	0.05	91	14	-8.3	-47.82	
SEC2GW31	SEC2GW31	11/3/2015 11:24		55.9	41.8	0.2	2.1	0.04	99	12	-8.1	-46.27	Opened valve 1/2 turn or less,,,,,,,
SEC2GW31	SEC2GW31	11/3/2015 11:24	ADJ	55.9	41.8	0.2	2.1	0.05	101	13	-10.5	-46.27	
SEC2GW31	SEC2GW31	12/23/2015 10:36		56.7	43.2	0	0.1	-0.74	71	---	-8.1	-45.81	Opened valve 1/2 turn or less,,,,,,,
SEC2GW31	SEC2GW31	12/23/2015 10:36	ADJ	56.7	43.2	0	0.1	-0.03	75	---	-9	-45.81	
SEC2GW32	SEC2GW32	1/19/2015 13:07		59.5	40.2	0.2	0.1	-0.17	69	---	-0.5	-53.33	Opened valve 1/2 turn or less,,,,,,,
SEC2GW32	SEC2GW32	1/19/2015 13:07	ADJ	59.5	40.2	0.2	0.1	-0.07	71	---	-1.5	-53.33	
SEC2GW32	SEC2GW32	2/3/2015 13:54		46.3	33	2.1	18.6	-0.02	75	---	-2.7	-49.38	Closed valve 1/2 turn or less,,,,,,,
SEC2GW32	SEC2GW32	2/3/2015 13:54	ADJ	46.3	33	2.1	18.6	-0.04	75	---	-2.1	-49.38	
SEC2GW32	SEC2GW32	3/21/2015 12:13		58.8	40.8	0.2	0.2	-0.31	70	---	-0.4	-53.57	Opened valve 1/2 turn or less,,,,,,,
SEC2GW32	SEC2GW32	3/21/2015 12:13	ADJ	58.8	40.8	0.2	0.2	0.13	73	24	-2.1	-53.57	
SEC2GW32	SEC2GW32	4/27/2015 14:00		53.1	36.2	1.2	9.5	0.05	75	14	-2.9	-53.37	No change,,,,,,,
SEC2GW32	SEC2GW32	4/27/2015 14:00	ADJ	53.1	36.2	1.2	9.5	0.04	75	13	-2.9	-53.37	
SEC2GW32	SEC2GW32	5/23/2015 8:42		54.3	37	1.3	7.4	0	75	---	-2.7	-53.95	Opened valve 1/2 turn or less,,,,,,,
SEC2GW32	SEC2GW32	5/23/2015 8:42	ADJ	54.3	37	1.3	7.4	0.22	76	30	-3.2	-53.95	
SEC2GW32	SEC2GW32	6/27/2015 10:24		55.2	37	1.6	6.2	10.33	83	221	-2.3	-47.96	Opened valve 1/2 turn or less,,,,,,,
SEC2GW32	SEC2GW32	6/27/2015 10:24	ADJ	55.2	37	1.6	6.2	3.43	82	126	-3	-47.96	
SEC2GW32	SEC2GW32	7/27/2015 13:20		54.3	37.9	1.2	6.6	0.08	85	18	-4.1	-48.42	Opened valve 1/2 turn or less,,,,,,,
SEC2GW32	SEC2GW32	7/27/2015 13:20	ADJ	54.3	37.9	1.2	6.6	0.11	84	21	-4.7	-48.42	
SEC2GW32	SEC2GW32	8/21/2015 10:42		53.8	36.5	1.3	8.4	0.11	81	21	-5.7	-45.5	Opened valve 1/2 turn or less,,,,,,,
SEC2GW32	SEC2GW32	8/21/2015 10:42	ADJ	53.8	36.5	1.3	8.4	0.13	81	23	-6	-45.5	
SEC2GW32	SEC2GW32	9/15/2015 9:12		53.8	36.8	0.8	8.6	0.13	80	23	-7.9	-46.4	Opened valve 1/2 turn or less,,,,,,,
SEC2GW32	SEC2GW32	9/15/2015 9:12	ADJ	53.8	36.8	0.8	8.6	0.14	80	24	-8.4	-46.4	
SEC2GW32	SEC2GW32	10/27/2015 8:52		55.2	37	0	7.8	0.11	77	21	-7.9	-48.19	Opened valve 1/2 turn or less,,,,,,,
SEC2GW32	SEC2GW32	10/27/2015 8:52	ADJ	55.2	37	0	7.8	0.15	78	25	-8.9	-48.19	
SEC2GW32	SEC2GW32	11/3/2015 17:17		51	36.4	0	12.6	0.11	78	21	-8.7	-45.12	No change,,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
SEC2GW32	SEC2GW32	11/3/2015 17:17	ADJ	51	36.4	0	12.6	0.14	79	24	-8.7	-45.12	
SEC2GW32	SEC2GW32	12/23/2015 12:48		49.4	35.4	0	15.2	-0.05	75	---	-7.2	-44.5	No change,,,,,,,
SEC2GW32	SEC2GW32	12/23/2015 12:48	ADJ	49.4	35.4	0	15.2	-0.04	75	---	-7.2	-44.5	
SEC2GW33	SEC2GW33	1/20/2015 12:08		57.7	41.9	0.2	0.2	0.1	115	19	-8.7	-51.1	Opened valve 1/2 turn or less,,,,,,,
SEC2GW33	SEC2GW33	1/20/2015 12:08	ADJ	57.7	41.9	0.2	0.2	0.15	119	24	-10	-51.1	
SEC2GW33	SEC2GW33	2/3/2015 12:18		57.8	42.1	0	0.1	-0.02	109	---	-12.2	-51.31	Opened valve 1/2 turn or less,,,,,,,
SEC2GW33	SEC2GW33	2/3/2015 12:18	ADJ	57.8	42.1	0	0.1	0.18	110	26	-14.3	-51.31	
SEC2GW33	SEC2GW33	3/28/2015 10:00		43.5	33.8	1.2	21.5	0.13	107	22	-9	-53.44	Closed valve 1/2 turn or less,,,,,,,
SEC2GW33	SEC2GW33	3/28/2015 10:00	ADJ	43.5	33.8	1.2	21.5	-0.46	107	22	-7.2	-53.44	
SEC2GW33	SEC2GW33	4/20/2015 15:43		55.6	44.1	0.2	0.1	-0.02	104	---	-5.1	-54.31	Opened valve 1/2 turn or less,,,,,,,
SEC2GW33	SEC2GW33	4/20/2015 15:43	ADJ	55.6	44.1	0.2	0.1	0.01	106	7	-6.3	-54.31	
SEC2GW33	SEC2GW33	5/26/2015 10:30		57.6	41.2	0.1	1.1	0.2	103	28	-8.6	-51.73	Opened valve 1/2 turn or less,,,,,,,
SEC2GW33	SEC2GW33	5/26/2015 10:30	ADJ	57.6	41.2	0.1	1.1	0.28	104	34	-9.9	-51.73	
SEC2GW33	SEC2GW33	6/29/2015 13:30		58.5	39.4	0.4	1.7	7.66	106	186	-9.8	-47.88	Opened valve 1/2 turn or less,,,,,,,
SEC2GW33	SEC2GW33	6/29/2015 13:30	ADJ	58.5	39.4	0.4	1.7	1.59	107	83	-11.5	-47.88	
SEC2GW33	SEC2GW33	7/27/2015 11:58		50.2	38.5	0.4	10.9	0.34	105	37	-14.5	-49.33	No change,,,,,,,
SEC2GW33	SEC2GW33	7/27/2015 11:58	ADJ	50.2	38.5	0.4	10.9	0.34	105	36	-14.4	-49.33	
SEC2GW33	SEC2GW33	8/21/2015 8:27		55.1	39.4	0.2	5.3	0.34	107	37	-13.6	-46.93	Opened 1/2 to 1 turn,,,,,,,
SEC2GW33	SEC2GW33	8/21/2015 8:27	ADJ	55.1	39.4	0.2	5.3	0.4	108	39	-14.6	-46.93	
SEC2GW33	SEC2GW33	9/15/2015 8:09		53.3	38.4	0	8.3	0.4	108	40	-16	-47	No change,,,,,,,
SEC2GW33	SEC2GW33	9/15/2015 8:09	ADJ	53.3	38.4	0	8.3	0.33	108	36	-16	-47	
SEC2GW33	SEC2GW33	10/27/2015 9:45		48.3	36.6	0	15.1	0.31	106	35	-14.4	-47.34	Closed valve 1/2 turn or less,,,,,,,
SEC2GW33	SEC2GW33	10/27/2015 9:45	ADJ	48.3	36.6	0	15.1	0.32	106	35	-13.1	-47.34	
SEC2GW33	SEC2GW33	11/4/2015 15:10		49.5	36.4	0	14.1	0.37	107	38	-12.8	-45.48	Closed valve 1/2 turn or less,,,,,,,
SEC2GW33	SEC2GW33	11/4/2015 15:10	ADJ	49.5	36.4	0	14.1	0.33	107	36	-12.4	-45.48	
SEC2GW33	SEC2GW33	12/23/2015 10:25		47.1	35.9	0	17	0.23	100	30	-9.9	-45.72	Closed valve 1/2 turn or less,,,,,,,
SEC2GW33	SEC2GW33	12/23/2015 10:25	ADJ	47.1	35.9	0	17	0.09	101	18	-9.3	-45.72	
SEC2GW34	SEC2GW34	1/19/2015 7:52		55.2	44.4	0.3	0.1	-0.38	101	---	-39.7	-53.24	Opened valve 1/2 turn or less,,,,,,,
SEC2GW34	SEC2GW34	1/19/2015 7:52	ADJ	55.2	44.4	0.3	0.1	0.14	105	22	-41.6	-53.24	
SEC2GW34	SEC2GW34	2/3/2015 9:43		56.1	43.7	0.1	0.1	-0.4	110	---	-36.9	-51.36	Opened valve 1/2 turn or less,,,,,,,
SEC2GW34	SEC2GW34	2/3/2015 9:43	ADJ	56.1	43.7	0.1	0.1	-0.03	112	---	-38.4	-51.36	
SEC2GW34	SEC2GW34	3/23/2015 13:03		58.4	40.9	0.5	0.2	0.03	108	10	-39.6	-53.6	Opened valve 1/2 turn or less,,,,,,,
SEC2GW34	SEC2GW34	3/23/2015 13:03	ADJ	58.4	40.9	0.5	0.2	0.05	110	13	-40.6	-53.6	
SEC2GW34	SEC2GW34	4/27/2015 12:38		58.4	40.9	0.5	0.2	0.21	111	28	-41.8	-54.03	Opened valve 1/2 turn or less,,,,,,,
SEC2GW34	SEC2GW34	4/27/2015 12:38	ADJ	58.4	40.9	0.5	0.2	0.04	112	11	-43.2	-54.03	
SEC2GW34	SEC2GW34	5/22/2015 12:11		59	40.4	0.5	0.1	0.16	111	24	-44.4	-53.4	Opened valve 1/2 turn or less,,,,,,,
SEC2GW34	SEC2GW34	5/22/2015 12:11	ADJ	59	40.4	0.5	0.1	0.18	112	25	-45.8	-53.4	
SEC2GW34	SEC2GW34	6/27/2015 7:10		59.1	40.8	0	0.1	10.61	112	209	-44.3	-50.7	Opened valve 1/2 turn or less,,,,,,,
SEC2GW34	SEC2GW34	6/27/2015 7:10	ADJ	59.1	40.8	0	0.1	8.98	114	191	-46.5	-50.7	
SEC2GW34	SEC2GW34	7/27/2015 11:10		57.4	39.6	0.7	2.3	0.1	113	18	-44.8	-47.76	Opened valve 1/2 turn or less,,,,,,,
SEC2GW34	SEC2GW34	7/27/2015 11:10	ADJ	57.4	39.6	0.7	2.3	0.11	114	19	-46.7	-47.76	
SEC2GW34	SEC2GW34	8/21/2015 6:40		58.2	41.5	0.1	0.2	0.07	114	15	-46.3	-47.24	Opened 1/2 to 1 turn,,,,,,,
SEC2GW34	SEC2GW34	8/21/2015 6:40	ADJ	58.2	41.5	0.1	0.2	0.08	114	17	-47	-47.24	
SEC2GW34	SEC2GW34	9/15/2015 7:05		58.6	41.2	0.1	0.1	0.11	113	19	-45.5	-45.67	Opened valve 1/2 turn or less,Valve fully open,,,,,,
SEC2GW34	SEC2GW34	9/15/2015 7:05	ADJ	58.6	41.2	0.1	0.1	0.1	115	19	-45.6	-45.67	
SEC2GW34	SEC2GW34	10/27/2015 9:00		57.8	42.1	0	0.1	0.11	110	20	-47.4	-47.4	No change,Valve fully open,,,,,,
SEC2GW34	SEC2GW34	10/27/2015 9:00	ADJ	57.8	42.1	0	0.1	0.13	111	21	-47.4	-47.4	
SEC2GW34	SEC2GW34	11/4/2015 14:08		59	40.7	0	0.3	0.08	111	17	-43.9	-43.97	No change,Valve fully open,,,,,,
SEC2GW34	SEC2GW34	11/4/2015 14:08	ADJ	59	40.7	0	0.3	0.1	112	18	-43.9	-43.97	
SEC2GW34	SEC2GW34	12/21/2015 12:36		58.7	41.2	0	0.1	-0.02	105	---	-46.6	-46.63	No change,Valve fully open,,,,,,
SEC2GW34	SEC2GW34	12/21/2015 12:36	ADJ	58.7	41.2	0	0.1	-0.03	106	---	-46.5	-46.63	
SEC2GW35	SEC2GW35	1/19/2015 7:48		47.3	36.7	1.6	14.4	2.63	113	102	-25	-53.32	Closed valve 1/2 turn or less,,,,,,,
SEC2GW35	SEC2GW35	1/19/2015 7:48	ADJ	47.3	36.7	1.6	14.4	2.6	114	101	-24.1	-53.32	
SEC2GW35	SEC2GW35	2/3/2015 9:37		47.6	37.1	1.7	13.6	2.54	112	100	-21.5	-51.36	Closed valve 1/2 turn or less,,,,,,,
SEC2GW35	SEC2GW35	2/3/2015 9:37	ADJ	47.6	37.1	1.7	13.6	2.3	112	95	-20.4	-51.36	
SEC2GW35	SEC2GW35	3/23/2015 13:00		44.6	35.2	1.5	18.7	2.39	109	98	-16.7	-52.97	Closed valve 1/2 turn or less,,,,,,,
SEC2GW35	SEC2GW35	3/23/2015 13:00	ADJ	44.6	35.2	1.5	18.7	1.82	109	85	-14.8	-52.97	
SEC2GW35	SEC2GW35	4/27/2015 12:35		49.9	38.5	0.5	11.1	1.86	103	87	-14.9	-53.64	No change,,,,,,,
SEC2GW35	SEC2GW35	4/27/2015 12:35	ADJ	49.9	38.5	0.5	11.1	1.71	103	83	-15	-53.64	
SEC2GW35	SEC2GW35	5/22/2015 12:07		53.1	38.9	0.1	7.9	1.54	111	79	-14.6	-53.39	No change,,,,,,,
SEC2GW35	SEC2GW35	5/22/2015 12:07	ADJ	53.1	38.9	0.1	7.9	1.74	112	84	-14.6	-53.39	
SEC2GW35	SEC2GW35	6/27/2015 7:07		56.7	41.3	0	2	13.67	100	247	-13.6	-51.02	Opened valve 1/2 turn or less,,,,,,,
SEC2GW35	SEC2GW35	6/27/2015 7:07	ADJ	56.7	41.3	0	2	10.49	100	215	-15.1	-51.02	
SEC2GW35	SEC2GW35	7/27/2015 11:06		54.4	39.5	0.6	5.5	1.61	110	81	-15.2	-48.21	Opened valve 1/2 turn or less,,,,,,,
SEC2GW35	SEC2GW35	7/27/2015 11:06	ADJ	54.4	39.5	0.6	5.5	1.85	110	87	-16.2	-48.21	
SEC2GW35	SEC2GW35	8/21/2015 6:36		53.2	39.3	0	7.5	1.98	103	90	-18.1	-47.49	No change,,,,,,,
SEC2GW35	SEC2GW35	8/21/2015 6:36	ADJ	53.2	39.3	0	7.5	1.91	103	88	-18.1	-47.49	
SEC2GW35	SEC2GW35	9/15/2015 7:01		53.7	38.9	0	7.4	1.88	98	88	-19	-46.29	Opened valve 1/2 turn or less,,,,,,,
SEC2GW35	SEC2GW35	9/15/2015 7:01	ADJ	53.7	38.9	0	7.4	2.14	99	94	-19.6	-46.29	
SEC2GW35	SEC2GW35	10/27/2015 8:57		50.4	37.3	0	12.3	2.42	94	100	-20.2	-47.96	No change,,,,,,,
SEC2GW35	SEC2GW35	10/27/2015 8:57	ADJ	50.4	37.3	0	12.3	2.49	95	102	-20.2	-47.96	
SEC2GW35	SEC2GW35	11/4/2015 14:05		50.5	37	0	12.5	2.48	95	102	-18.7	-44.55	No change,,,,,,,
SEC2GW35	SEC2GW35	11/4/2015 14:05	ADJ	50.5	37	0	12.5	2.56	96	103	-18.7	-44.55	
SEC2GW35	SEC2GW35	12/21/2015 12:29		42.7	33.9	0	23.4	2.88	89	110	-15.8	-47.03	Closed valve 1/2 turn or less,,,,,,,
SEC2GW35	SEC2GW35	12/21/2015 12:29	ADJ	42.7	33.9	0	23.4	2.35	89	99	-14.5	-47.03	
SEC2GW37	SEC2GW37	1/19/2015 11:43		52.2	35.9	1.9	10	0.91	113	61	-11.3	-57.53	No change,,,,,,,
SEC2GW37	SEC2GW37	1/19/2015 11:43	ADJ	52.2	35.9	1.9	10	0.92	114	61	-11.3	-57.53	
SEC2GW37	SEC2GW37	2/3/2015 12:31		52.2	36.7	1.9	9.2	0.89	115	60	-11.7	-54.52	No change,,,,,,,
SEC2GW37	SEC2GW37	2/3/2015 12:31	ADJ	52.2	36.7	1.9	9.2	0.91	116	60	-11.7	-54.52	
SEC2GW37	SEC2GW37	3/24/2015 6:28		42.7	32.5	3.1	21.7	0.79	121	55	-11.4	-55.14	Closed valve 1/2 turn or less,,,,,,,
SEC2GW37	SEC2GW37	3/24/2015 6:28	ADJ	42.7	32.5	3.1	21.7	0.4	121	39	-8.6	-55.14	
SEC2GW37	SEC2GW37	4/27/2015 13:20		51	39	0.4	9.6	0.67	107	52	-6.5	-54.62	No change,,,,,,,
SEC2GW37	SEC2GW37	4/27/2015 13:20	ADJ	51	39	0.4	9.6	0.78	107	56	-6.7	-54.62	
SEC2GW37	SEC2GW37	5/22/2015 13:37		54.3	40	0.3	5.4	0.45	104	43	-6.5	-55.75	Opened valve 1/2 turn or less,,,,,,,
SEC2GW37	SEC2GW37	5/22/2015 13:37	ADJ	54.3	40	0.3	5.4	0.72	104	54	-6.7	-55.75	
SEC2GW37	SEC2GW37	6/27/2015 8:20		58.4	39.3	0.1	2.2	16.92	103	280	-6.5	-51.21	Opened valve 1/2 turn or less,,,,,,,
SEC2GW37	SEC2GW37	6/27/2015 8:20	ADJ	58.4	39.3	0.1	2.2	9.45	103	208	-7.6	-51.21	
SEC2GW37	SEC2GW37	7/27/2015 12:05		53.7	40.3	0.3	5.7	0.67	103	52	-8.9	-51.99	Opened valve 1/2 turn or less,,,,,,,
SEC2GW37	SEC2GW37	7/27/2015 12:05	ADJ	53.7	40.3	0.3	5.7	0.72	103	54	-9.2	-51.99	
SEC2GW37	SEC2GW37	8/21/2015 8:35		56.4	39.7	0.2	3.7	0.71	103	54	-8.9	-46.14	Opened valve 1/2 turn or less,,,,,,,
SEC2GW37	SEC2GW37	8/21/2015 8:35	ADJ	56.4	39.7	0.2	3.7	0.99	103	64	-9.9	-46.14	
SEC2GW37	SEC2GW37	9/15/2015 8:19		54.9	38.7	0.2	6.2	0.9	102	61	-10.2	-44.94	Opened valve 1/2 turn or less,,,,,,,
SEC2GW37	SEC2GW37	9/15/2015 8:19	ADJ	54.9	38.7	0.2	6.2	1.17	102	70	-11.2	-44.94	
SEC2GW37	SEC2GW37	10/26/2015 16:09		53.9	38.1	0	8	1.47	99	79	-11	-48.02	Opened valve 1/2 turn or less,,,,,,,
SEC2GW37	SEC2GW37	10/26/2015 16:09	ADJ	53.9	38.1	0	8	1.59	99	82	-12.1	-48.02	
SEC2GW37	SEC2GW37	11/3/2015 11:20		51.1	37.8	0	11.1	1.53	98	80	-12.2	-45.46	No change,,,,,,,
SEC2GW37	SEC2GW37	11/3/2015 11:20	ADJ	51.1	37.8	0	11.1	1.5	99	79	-12.3	-45.46	
SEC2GW37	SEC2GW37	12/23/2015 10:31		47.3	35.2	0	17.5	1.77	92	87	-8.5	-46.57	Closed valve 1/2 turn or less,,,,,,,
SEC2GW37	SEC2GW37	12/23/2015 10:31	ADJ	47.3	35.2	0	17.5	1.59	92	82	-7.6	-46.57	
SEC2GW38	SEC2GW38	1/19/2015 7:04		56.5	40.7	0.3	2.5	0.1	101	19	-22.1	-53.85	Opened valve 1/2 turn or less,,,,,,,
SEC2GW38	SEC2GW38	1/19/2015 7:04	ADJ	56.5	40.7	0.3	2.5	0.13	102	22	-23.4	-53.85	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
SEC2GW38	SEC2GW38	2/3/2015 9:06		50.1	38.6	0.2	11.1	0.11	99	20	-23.9	-52.19	No change,,,,,,,
SEC2GW38	SEC2GW38	2/3/2015 9:06	ADJ	50.1	38.6	0.2	11.1	0.13	99	22	-23.8	-52.19	
SEC2GW38	SEC2GW38	3/27/2015 9:59		45.5	36.8	0.4	17.3	-0.34	102	---	-20	-53.8	Closed valve 1/2 turn or less,,,,,,,
SEC2GW38	SEC2GW38	3/27/2015 9:59	ADJ	45.5	36.8	0.4	17.3	0.16	102	24	-17.9	-53.8	
SEC2GW38	SEC2GW38	4/27/2015 11:02		49.2	38.9	0.3	11.6	0.13	106	22	-18.3	-54.24	Closed valve 1/2 turn or less,,,,,,,
SEC2GW38	SEC2GW38	4/27/2015 11:02	ADJ	49.2	38.9	0.3	11.6	0.12	107	21	-17.5	-54.24	
SEC2GW38	SEC2GW38	5/22/2015 11:40		52.4	38.8	0.2	8.6	0.27	105	32	-18.3	-54.01	No change,,,,,,,
SEC2GW38	SEC2GW38	5/22/2015 11:40	ADJ	52.4	38.8	0.2	8.6	0.22	106	29	-18.3	-54.01	
SEC2GW38	SEC2GW38	6/27/2015 6:45		56	40.7	0	3.3	15.35	103	260	-18.9	-51.77	Opened valve 1/2 turn or less,,,,,,,
SEC2GW38	SEC2GW38	6/27/2015 6:45	ADJ	56	40.7	0	3.3	8.96	103	197	-20.5	-51.77	
SEC2GW38	SEC2GW38	7/27/2015 10:34		53.8	40	0.3	5.9	0.22	105	29	-21.5	-48.78	Opened valve 1/2 turn or less,,,,,,,
SEC2GW38	SEC2GW38	7/27/2015 10:34	ADJ	53.8	40	0.3	5.9	0.25	105	31	-22.4	-48.78	
SEC2GW38	SEC2GW38	8/18/2015 11:07		53.5	40.5	0	6	0.29	103	33	-22.9	-47.56	No change,,,,,,,
SEC2GW38	SEC2GW38	8/18/2015 11:07	ADJ	53.5	40.5	0	6	0.25	103	30	-22.9	-47.56	
SEC2GW38	SEC2GW38	9/15/2015 6:32		50.6	38.4	0	11	0.23	104	30	-21.3	-47.12	No change,,,,,,,
SEC2GW38	SEC2GW38	9/15/2015 6:32	ADJ	50.6	38.4	0	11	0.22	104	29	-21.3	-47.12	
SEC2GW38	SEC2GW38	10/26/2015 15:51		46.1	36.1	0	17.8	0.36	106	37	-19	-47.89	Closed valve 1/2 turn or less,,,,,,,
SEC2GW38	SEC2GW38	10/26/2015 15:51	ADJ	46.1	36.1	0	17.8	0.36	106	37	-17.1	-47.89	
SEC2GW38	SEC2GW38	11/3/2015 10:58		51.2	37.8	0	11	0.12	108	21	-14.1	-46.09	No change,,,,,,,
SEC2GW38	SEC2GW38	11/3/2015 10:58	ADJ	51.2	37.8	0	11	0.11	108	20	-14	-46.09	
SEC2GW38	SEC2GW38	12/21/2015 11:32		50.4	38	0	11.6	0.04	101	12	-13.2	-47.56	No change,,,,,,,
SEC2GW38	SEC2GW38	12/21/2015 11:32	ADJ	50.4	38	0	11.6	0.01	101	6	-13.2	-47.56	
SEC2GW39	SEC2GW39	1/19/2015 7:07		58.5	41.1	0.2	0.2	-0.56	53	---	-53.4	-53.36	No change,Valve fully open,,,,,,
SEC2GW39	SEC2GW39	1/19/2015 7:07	ADJ	58.5	41.1	0.2	0.2	-0.44	53	---	-53.4	-53.36	
SEC2GW39	SEC2GW39	2/3/2015 9:15		59	39.5	0.4	1.1	-1.15	51	---	-51.6	-47.19	No change,Valve fully open,,,,,,
SEC2GW39	SEC2GW39	2/3/2015 9:15	ADJ	59	39.5	0.4	1.1	-0.98	52	---	-51.6	-47.19	
SEC2GW39	SEC2GW39	3/27/2015 10:04		49	35.7	0.6	14.7	-0.07	69	---	-53.6	-53.58	Closed valve 1/2 turn or less,,,,,,,
SEC2GW39	SEC2GW39	3/27/2015 10:04	ADJ	49	35.7	0.6	14.7	-0.07	69	---	-53.3	-53.58	
SEC2GW39	SEC2GW39	4/27/2015 11:23		49.1	37.1	0.5	13.3	-0.01	83	---	-48.8	-49.74	Closed valve 1/2 turn or less,,,,,,,
SEC2GW39	SEC2GW39	4/27/2015 11:23	ADJ	49.1	37.1	0.5	13.3	0.03	83	10	-48.5	-49.74	
SEC2GW39	SEC2GW39	5/22/2015 11:44		50.6	36.7	0.4	12.3	0.08	86	17	-45.2	-44.67	No change,,,,,,,
SEC2GW39	SEC2GW39	5/22/2015 11:44	ADJ	50.6	36.7	0.4	12.3	0.1	86	19	-45.3	-44.67	
SEC2GW39	SEC2GW39	6/27/2015 6:48		55.5	38.9	0	5.6	13.09	85	236	-42.2	-43.36	Opened valve 1/2 turn or less,,,,,,,
SEC2GW39	SEC2GW39	6/27/2015 6:48	ADJ	55.5	38.9	0	5.6	8.98	85	194	-42.6	-43.36	
SEC2GW39	SEC2GW39	7/27/2015 10:37		52	36.5	1.5	10	0.05	92	13	-44.7	-45.33	No change,,,,,,,
SEC2GW39	SEC2GW39	7/27/2015 10:37	ADJ	52	36.5	1.5	10	0.03	92	11	-44	-45.33	
SEC2GW39	SEC2GW39	8/21/2015 6:09		54.6	39	0	6.4	0.12	87	21	-46.3	-46.41	No change,Valve fully open,,,,,,
SEC2GW39	SEC2GW39	8/21/2015 6:09	ADJ	54.6	39	0	6.4	-0.03	87	21	-46.4	-46.41	
SEC2GW39	SEC2GW39	9/15/2015 6:36		57.7	38.6	0	3.7	0.07	83	16	-42.5	-43.45	Opened valve 1/2 turn or less,,,,,,,
SEC2GW39	SEC2GW39	9/15/2015 6:36	ADJ	57.7	38.6	0	3.7	0.13	84	22	-43.5	-43.45	
SEC2GW39	SEC2GW39	10/26/2015 15:53		53.8	36.4	0	9.8	0.12	82	21	-44.8	-44.5	No change,Valve fully open,,,,,,
SEC2GW39	SEC2GW39	10/26/2015 15:53	ADJ	53.8	36.4	0	9.8	0.07	83	16	-44.8	-44.5	
SEC2GW39	SEC2GW39	11/3/2015 11:01		54.9	36.7	0	8.4	0.06	85	14	-42.6	-42.72	No change,Valve fully open,Header Vacuum loss,,,,,
SEC2GW39	SEC2GW39	11/3/2015 11:01	ADJ	54.9	36.7	0	8.4	0.1	85	19	-42.9	-42.72	
SEC2GW39	SEC2GW39	12/21/2015 12:08		47.3	33.7	0	19	0.03	69	10	-43	-43.74	Closed valve 1/2 turn or less,,,,,,,
SEC2GW39	SEC2GW39	12/21/2015 12:08	ADJ	47.3	33.7	0	19	0.04	69	11	-42.6	-43.74	
SEC2GW3A	SEC2GW3A	1/19/2015 6:30		55.5	35	1.1	8.4	0.37	84	39	-21.4	-60.98	Opened valve 1/2 turn or less,,,,,,,
SEC2GW3A	SEC2GW3A	1/19/2015 6:30	ADJ	55.5	35	1.1	8.4	0.37	84	39	-22.3	-60.98	
SEC2GW3A	SEC2GW3A	2/3/2015 8:31		51	33.9	1.4	13.7	0.4	85	40	-23.9	-60.06	No change,,,,,,,
SEC2GW3A	SEC2GW3A	2/3/2015 8:31	ADJ	51	33.9	1.4	13.7	0.43	86	42	-23.9	-60.06	
SEC2GW3A	SEC2GW3A	3/21/2015 11:04		50.5	32.7	1.4	15.4	0.25	97	31	-15	-61.62	No change,,,,,,,
SEC2GW3A	SEC2GW3A	3/21/2015 11:04	ADJ	50.5	32.7	1.4	15.4	0.33	97	37	-15	-61.62	
SEC2GW3A	SEC2GW3A	4/27/2015 10:27		55.9	35.4	1	7.7	-0.5	95	---	-13.8	-61.78	Opened valve 1/2 turn or less,,,,,,,
SEC2GW3A	SEC2GW3A	4/27/2015 10:27	ADJ	55.9	35.4	1	7.7	-0.27	95	---	-14.2	-61.78	
SEC2GW3A	SEC2GW3A	5/22/2015 9:01		51.2	34	1.4	13.4	0.08	98	17	-14	-61.93	No change,,,,,,,
SEC2GW3A	SEC2GW3A	5/22/2015 9:01	ADJ	51.2	34	1.4	13.4	0.16	99	25	-14	-61.93	
SEC2GW3A	SEC2GW3A	6/27/2015 6:11		53.2	35.4	0.8	10.6	15.82	96	269	-13.3	-58.34	No change,,,,,,,
SEC2GW3A	SEC2GW3A	6/27/2015 6:11	ADJ	53.2	35.4	0.8	10.6	12.76	95	241	-13.2	-58.34	
SEC2GW3A	SEC2GW3A	7/27/2015 9:59		58.1	38.2	0.5	3.2	0.31	94	36	-13.5	-55.69	Opened 1/2 to 1 turn,,,,,,,
SEC2GW3A	SEC2GW3A	7/27/2015 9:59	ADJ	58.1	38.2	0.5	3.2	0.4	95	41	-14.5	-55.69	
SEC2GW3A	SEC2GW3A	8/18/2015 10:09		55.2	38	0.2	6.6	0.35	92	37	-16.5	-55.18	Opened valve 1/2 turn or less,,,,,,,
SEC2GW3A	SEC2GW3A	8/18/2015 10:09	ADJ	55.2	38	0.2	6.6	0.54	93	47	-17.6	-55.18	
SEC2GW3A	SEC2GW3A	9/15/2015 5:56		55.6	37.3	0.3	6.8	0.44	92	42	-22.9	-54.12	Opened 1/2 to 1 turn,,,,,,,
SEC2GW3A	SEC2GW3A	9/15/2015 5:56	ADJ	55.6	37.3	0.3	6.8	0.77	93	56	-24.8	-54.12	
SEC2GW3A	SEC2GW3A	10/26/2015 15:16		44	31.4	1.7	22.9	0.7	105	52	-26.8	-54.79	Closed valve 1/2 turn or less,,,,,,,
SEC2GW3A	SEC2GW3A	10/26/2015 15:16	ADJ	44	31.4	1.7	22.9	0.34	105	36	-24.4	-54.79	
SEC2GW3A	SEC2GW3A	11/3/2015 10:23		52.5	34	0.4	13.1	0.39	105	40	-17.7	-53.55	No change,,,,,,,
SEC2GW3A	SEC2GW3A	11/3/2015 10:23	ADJ	52.5	34	0.4	13.1	0.45	105	42	-17.7	-53.55	
SEC2GW3A	SEC2GW3A	12/21/2015 10:06		55.7	36.1	0	8.2	0.32	91	36	-13.8	-54.9	Opened valve 1/2 turn or less,,,,,,,
SEC2GW3A	SEC2GW3A	12/21/2015 10:06	ADJ	55.7	36.1	0	8.2	0.3	92	35	-14.2	-54.9	
SEC2GW41	SEC2GW41	1/19/2015 7:18		58.4	41.2	0.2	0.2	0	39	---	-53.2	-53.3	No change,Valve fully open,,,,,,
SEC2GW41	SEC2GW41	1/19/2015 7:18	ADJ	58.4	41.2	0.2	0.2	0.06	38	15	-53.2	-53.3	
SEC2GW41	SEC2GW41	2/3/2015 9:25		58.2	41.3	0.4	0.1	-0.05	25	---	-51.5	-51.53	No change,Valve fully open,,,,,,
SEC2GW41	SEC2GW41	2/3/2015 9:25	ADJ	58.2	41.3	0.4	0.1	-0.05	25	---	-51.5	-51.53	
SEC2GW41	SEC2GW41	3/27/2015 10:11		59.8	39.6	0.5	0.1	-0.84	45	---	-53.5	-53.47	No change,Valve fully open,,,,,,
SEC2GW41	SEC2GW41	3/27/2015 10:11	ADJ	59.8	39.6	0.5	0.1	-0.18	46	---	-53.5	-53.47	
SEC2GW41	SEC2GW41	4/27/2015 11:30		59.7	39.8	0.4	0.1	0.07	73	15	-53.9	-53.98	No change,Valve fully open,,,,,,
SEC2GW41	SEC2GW41	4/27/2015 11:30	ADJ	59.7	39.8	0.4	0.1	0.04	74	12	-53.9	-53.98	
SEC2GW41	SEC2GW41	5/22/2015 11:53		60.5	39	0.4	0.1	0.08	82	17	-53.5	-53.55	No change,Valve fully open,,,,,,
SEC2GW41	SEC2GW41	5/22/2015 11:53	ADJ	60.5	39	0.4	0.1	0.14	82	23	-53.5	-53.55	
SEC2GW41	SEC2GW41	6/27/2015 6:55		60	39.9	0	0.1	13.36	74	239	-50.9	-51.03	No change,Valve fully open,,,,,,
SEC2GW41	SEC2GW41	6/27/2015 6:55	ADJ	60	39.9	0	0.1	12.06	74	227	-50.9	-51.03	
SEC2GW41	SEC2GW41	7/27/2015 10:46		60.1	39.5	0.2	0.2	0.05	93	13	-48.2	-48.2	No change,Valve fully open,,,,,,
SEC2GW41	SEC2GW41	7/27/2015 10:46	ADJ	60.1	39.5	0.2	0.2	0.07	94	16	-48.3	-48.2	
SEC2GW41	SEC2GW41	8/21/2015 6:17		59.5	40.2	0.1	0.2	0.12	77	21	-47.6	-47.6	No change,Valve fully open,,,,,,
SEC2GW41	SEC2GW41	8/21/2015 6:17	ADJ	59.5	40.2	0.1	0.2	0.04	78	11	-47.6	-47.6	
SEC2GW41	SEC2GW41	9/15/2015 6:45		59.8	40	0	0.2	-0.01	72	---	-46.2	-46.15	No change,Valve fully open,,,,,,
SEC2GW41	SEC2GW41	9/15/2015 6:45	ADJ	59.8	40	0	0.2	0.03	72	10	-46.1	-46.15	
SEC2GW41	SEC2GW41	10/26/2015 15:58		60	39.9	0	0.1	0.02	67	8	-47.3	-47.32	No change,Valve fully open,,,,,,
SEC2GW41	SEC2GW41	10/26/2015 15:58	ADJ	60	39.9	0	0.1	0.09	68	18	-47.3	-47.32	
SEC2GW41	SEC2GW41	11/3/2015 11:06		59.5	40.4	0	0.1	0.21	77	29	-45.4	-45.44	No change,Valve fully open,,,,,,
SEC2GW41	SEC2GW41	11/3/2015 11:06	ADJ	59.5	40.4	0	0.1	0.39	77	39	-45.4	-45.44	
SEC2GW41	SEC2GW41	12/21/2015 12:16		59.6	40.3	0	0.1	0.17	46	26	-47	-47.03	No change,Valve fully open,,,,,,
SEC2GW41	SEC2GW41	12/21/2015 12:16	ADJ	59.6	40.3	0	0.1	0.15	46	24	-46.9	-47.03	
SEC2GW42	SEC2GW42	1/19/2015 7:21		57.1	42.5	0.3	0.1	-0.08	78	---	-53.2	-51.85	No change,Valve fully open,,,,,,
SEC2GW42	SEC2GW42	1/19/2015 7:21	ADJ	57.1	42.5	0.3	0.1	0.01	78	6	-53.2	-51.85	
SEC2GW42	SEC2GW42	2/3/2015 9:28		56.8	42.8	0.3	0.1	0.03	78	10	-51.4	-50.35	No change,Valve fully open,,,,,,
SEC2GW42	SEC2GW42	2/3/2015 9:28	ADJ	56.8	42.8	0.3	0.1	0.04	79	12	-51.4	-50.35	
SEC2GW42	SEC2GW42	3/27/2015 10:15		58.8	40.3	0.8	0.1	0.13	74	22	-53.4	-52.58	No change,Valve fully open,,,,,,
SEC2GW42	SEC2GW42	3/27/2015 10:15	ADJ	58.8	40.3	0.8	0.1	-0.1	75	22	-53.4	-52.58	
SEC2GW42	SEC2GW42	4/27/2015 11:33		58.6	40.8	0.4	0.2	-0.03	86	---	-53.9	-53.87	No change,Valve fully open,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
SEC2GW42	SEC2GW42	4/27/2015 11:33	ADJ	58.6	40.8	0.4	0.2	0.04	87	12	-53.8	-53.87	
SEC2GW42	SEC2GW42	5/22/2015 11:59		59.6	39.9	0.4	0.1	0.16	91	24	-53.3	-53.29	No change,Valve fully open,,,,,,
SEC2GW42	SEC2GW42	5/22/2015 11:59	ADJ	59.6	39.9	0.4	0.1	0.1	92	19	-53.5	-53.29	
SEC2GW42	SEC2GW42	6/27/2015 6:59		60.4	39.5	0	0.1	13.98	91	242	-50.7	-50.83	No change,Valve fully open,,,,,,
SEC2GW42	SEC2GW42	6/27/2015 6:59	ADJ	60.4	39.5	0	0.1	11.84	92	222	-50.8	-50.83	
SEC2GW42	SEC2GW42	7/27/2015 10:50		54.9	37.8	1.5	5.8	0.11	97	19	-48	-48.08	No change,Valve fully open,,,,,,
SEC2GW42	SEC2GW42	7/27/2015 10:50	ADJ	54.9	37.8	1.5	5.8	0.07	97	16	-48	-48.08	
SEC2GW42	SEC2GW42	8/21/2015 6:22		58.3	41.6	0	0.1	0.23	92	29	-47.5	-47.43	Valve fully open,,,,,,,
SEC2GW42	SEC2GW42	8/21/2015 6:22	ADJ	58.3	41.6	0	0.1	0.04	93	11	-47.6	-47.43	
SEC2GW42	SEC2GW42	9/15/2015 6:48		58.7	41.2	0	0.1	0.07	89	16	-46	-45.21	No change,Valve fully open,,,,,,
SEC2GW42	SEC2GW42	9/15/2015 6:48	ADJ	58.7	41.2	0	0.1	0.02	90	7	-46	-45.21	
SEC2GW42	SEC2GW42	10/26/2015 16:00		58.5	41.4	0	0.1	0.15	88	23	-47.2	-47.27	No change,Valve fully open,,,,,,
SEC2GW42	SEC2GW42	10/26/2015 16:00	ADJ	58.5	41.4	0	0.1	0.11	89	20	-47.2	-47.27	
SEC2GW42	SEC2GW42	11/3/2015 11:10		59	40.9	0	0.1	0.11	90	20	-45.3	-45.34	No change,Valve fully open,,,,,,
SEC2GW42	SEC2GW42	11/3/2015 11:10	ADJ	59	40.9	0	0.1	0.06	90	14	-45.3	-45.34	
SEC2GW42	SEC2GW42	12/21/2015 12:22		59.3	40.6	0	0.1	-0.11	75	---	-46.9	-46.52	No change,Valve fully open,,,,,,
SEC2GW42	SEC2GW42	12/21/2015 12:22	ADJ	59.3	40.6	0	0.1	0.18	73	26	-46.8	-46.52	
SEC2GW44	SEC2GW44	1/19/2015 13:14		54.9	44.7	0.3	0.1	0.1	91	19	-8	-54.6	Opened valve 1/2 turn or less,,,,,,,
SEC2GW44	SEC2GW44	1/19/2015 13:14	ADJ	54.9	44.7	0.3	0.1	0.11	92	20	-8.9	-54.6	
SEC2GW44	SEC2GW44	2/3/2015 14:03		55.3	44.4	0.1	0.2	0.02	92	9	-9.8	-51.1	Opened valve 1/2 turn or less,,,,,,,
SEC2GW44	SEC2GW44	2/3/2015 14:03	ADJ	55.3	44.4	0.1	0.2	0.08	94	17	-11.7	-51.1	
SEC2GW44	SEC2GW44	3/21/2015 12:19		56.2	40.2	2.1	1.5	0.02	91	8	-14.9	-55.01	Opened valve 1/2 turn or less,,,,,,,
SEC2GW44	SEC2GW44	3/21/2015 12:19	ADJ	56.2	40.2	2.1	1.5	0.23	92	30	-15.9	-55.01	
SEC2GW44	SEC2GW44	4/27/2015 14:06		56	39.8	1.7	2.5	-0.16	95	---	-17.5	-54.66	Opened valve 1/2 turn or less,,,,,,,
SEC2GW44	SEC2GW44	4/27/2015 14:06	ADJ	56	39.8	1.7	2.5	0.41	96	40	-18.5	-54.66	
SEC2GW44	SEC2GW44	5/23/2015 8:46		57.6	41.5	0.7	0.2	0.41	98	40	-20.8	-55.23	Opened valve 1/2 turn or less,,,,,,,
SEC2GW44	SEC2GW44	5/23/2015 8:46	ADJ	57.6	41.5	0.7	0.2	0.29	98	33	-22	-55.23	
SEC2GW44	SEC2GW44	6/27/2015 10:28		57.4	42.1	0.3	0.2	9.27	100	200	-22.9	-49.82	Opened valve 1/2 turn or less,,,,,,,
SEC2GW44	SEC2GW44	6/27/2015 10:28	ADJ	57.4	42.1	0.3	0.2	3.64	100	124	-24.2	-49.82	
SEC2GW44	SEC2GW44	7/27/2015 13:25		52.2	37	2.3	8.5	0.25	101	31	-24.7	-49.71	No change,,,,,,,
SEC2GW44	SEC2GW44	7/27/2015 13:25	ADJ	52.2	37	2.3	8.5	0.27	102	32	-24.7	-49.71	
SEC2GW44	SEC2GW44	8/21/2015 10:47		58.7	40.8	0.3	0.2	0.23	102	30	-23.7	-46.56	Opened valve 1/2 turn or less,,,,,,,
SEC2GW44	SEC2GW44	8/21/2015 10:47	ADJ	58.7	40.8	0.3	0.2	0.24	102	30	-25.6	-46.56	
SEC2GW44	SEC2GW44	9/15/2015 9:19		58.7	41.1	0.1	0.1	0.13	103	22	-27.9	-47.24	Opened valve 1/2 turn or less,,,,,,,
SEC2GW44	SEC2GW44	9/15/2015 9:19	ADJ	58.7	41.1	0.1	0.1	0.27	103	32	-30.2	-47.24	
SEC2GW44	SEC2GW44	10/27/2015 10:41		57.9	42	0	0.1	0.25	103	30	-31.7	-47.27	Opened valve 1/2 turn or less,,,,,,,
SEC2GW44	SEC2GW44	10/27/2015 10:41	ADJ	57.9	42	0	0.1	0.24	103	30	-32.9	-47.27	
SEC2GW44	SEC2GW44	11/4/2015 15:18		58.4	41.5	0	0.1	0.31	104	34	-32.3	-45.67	Opened valve 1/2 turn or less,,,,,,,
SEC2GW44	SEC2GW44	11/4/2015 15:18	ADJ	58.4	41.5	0	0.1	0.37	104	37	-33.9	-45.67	
SEC2GW44	SEC2GW44	12/23/2015 13:28		57.2	42.7	0	0.1	0.19	99	26	-34.1	-44.74	Opened valve 1/2 turn or less,,,,,,,
SEC2GW44	SEC2GW44	12/23/2015 13:28	ADJ	57.2	42.7	0	0.1	0.17	100	25	-36.1	-44.74	
SEC2GW52	SEC2GW52	1/19/2015 13:19		56.7	43.1	0	0.2	0.12	121	21	-5.1	-55.43	Opened valve 1/2 turn or less,,,,,,,
SEC2GW52	SEC2GW52	1/19/2015 13:19	ADJ	56.7	43.1	0	0.2	0.17	122	25	-6.2	-55.43	
SEC2GW52	SEC2GW52	2/3/2015 14:07		56.7	43.1	0	0.2	0.08	121	17	-8.2	-51.62	Opened valve 1/2 turn or less,,,,,,,
SEC2GW52	SEC2GW52	2/3/2015 14:07	ADJ	56.7	43.1	0	0.2	0.2	124	27	-10.1	-51.62	
SEC2GW52	SEC2GW52	3/21/2015 12:23		56.1	43.4	0.3	0.2	0.22	122	28	-16.3	-55.87	Opened valve 1/2 turn or less,,,,,,,
SEC2GW52	SEC2GW52	3/21/2015 12:23	ADJ	56.1	43.4	0.3	0.2	0.45	124	41	-17.3	-55.87	
SEC2GW52	SEC2GW52	4/20/2015 15:30		55.3	44.2	0.4	0.1	0.26	121	31	-19.4	-55.84	Opened valve 1/2 turn or less,,,,,,,
SEC2GW52	SEC2GW52	4/20/2015 15:30	ADJ	55.3	44.2	0.4	0.1	0.45	123	41	-20.4	-55.84	
SEC2GW52	SEC2GW52	5/26/2015 10:14		56.2	43.4	0.3	0.1	0.59	121	47	-23	-53.56	Opened valve 1/2 turn or less,,,,,,,
SEC2GW52	SEC2GW52	5/26/2015 10:14	ADJ	56.2	43.4	0.3	0.1	0.66	123	50	-24.5	-53.56	
SEC2GW52	SEC2GW52	6/29/2015 13:02		57.4	42.1	0.3	0.2	7.82	121	182	-24.1	-49.74	Opened valve 1/2 turn or less,,,,,,,
SEC2GW52	SEC2GW52	6/29/2015 13:02	ADJ	57.4	42.1	0.3	0.2	1.9	122	88	-25.6	-49.74	
SEC2GW52	SEC2GW52	7/27/2015 13:28		57.4	42.1	0.3	0.2	0.69	121	51	-28.8	-49.81	Opened valve 1/2 turn or less,,,,,,,
SEC2GW52	SEC2GW52	7/27/2015 13:28	ADJ	57.4	42.1	0.3	0.2	0.84	122	56	-30.8	-49.81	
SEC2GW52	SEC2GW52	8/21/2015 10:50		57.9	41.5	0.3	0.3	0.52	119	44	-29.5	-46.23	Opened valve 1/2 turn or less,,,,,,,
SEC2GW52	SEC2GW52	8/21/2015 10:50	ADJ	57.9	41.5	0.3	0.3	0.63	122	48	-31.6	-46.23	
SEC2GW52	SEC2GW52	9/15/2015 9:23		58.4	41.5	0	0.1	0.5	123	43	-33.6	-46.66	Opened valve 1/2 turn or less,,,,,,,
SEC2GW52	SEC2GW52	9/15/2015 9:23	ADJ	58.4	41.5	0	0.1	0.67	124	50	-35.4	-46.66	
SEC2GW52	SEC2GW52	10/27/2015 10:44		58	41.9	0	0.1	0.39	123	37	-36.7	-46.58	Opened valve 1/2 turn or less,,,,,,,
SEC2GW52	SEC2GW52	10/27/2015 10:44	ADJ	58	41.9	0	0.1	0.46	124	41	-37.7	-46.58	
SEC2GW52	SEC2GW52	11/4/2015 15:15		57.5	42.4	0	0.1	0.59	124	46	-37.3	-44.53	Opened valve 1/2 turn or less,,,,,,,
SEC2GW52	SEC2GW52	11/4/2015 15:15	ADJ	57.5	42.4	0	0.1	0.67	124	49	-38.3	-44.53	
SEC2GW52	SEC2GW52	12/23/2015 13:32		57.1	42.8	0	0.1	0.46	119	41	-38	-43.49	Opened 1/2 to 1 turn,,,,,,,
SEC2GW52	SEC2GW52	12/23/2015 13:32	ADJ	57.1	42.8	0	0.1	0.64	120	48	-40	-43.49	
SEC2GW5A	SEC2GEW5	1/19/2015 6:38		59.7	38.9	0.4	1	0.88	71	59	-53.9	-55.08	No change,Valve fully open,,,,,,
SEC2GW5A	SEC2GEW5	1/19/2015 6:38	ADJ	59.7	38.9	0.4	1	0.92	71	61	-53.9	-55.08	
SEC2GW5A	SEC2GEW5	2/3/2015 8:39		58.6	38.7	0.3	2.4	0.97	69	62	-52.7	-53.93	No change,Valve fully open,,,,,,
SEC2GW5A	SEC2GEW5	2/3/2015 8:39	ADJ	58.6	38.7	0.3	2.4	0.9	69	60	-52.7	-53.93	
SEC2GW5A	SEC2GEW5	3/21/2015 11:11		56.9	37.9	0.4	4.8	1.05	68	65	-54.7	-55.89	No change,Valve fully open,,,,,,
SEC2GW5A	SEC2GEW5	3/21/2015 11:11	ADJ	56.9	37.9	0.4	4.8	0.97	68	62	-54.6	-55.89	
SEC2GW5A	SEC2GEW5	4/27/2015 10:35		44.5	32	4	19.5	1.23	69	69	-53.2	-56.21	Closed valve 1/2 turn or less,,,,,,,
SEC2GW5A	SEC2GEW5	4/27/2015 10:35	ADJ	44.5	32	4	19.5	1.21	69	69	-52.2	-56.21	
SEC2GW5A	SEC2GEW5	5/22/2015 10:59		49.9	34.4	2.9	12.8	2.32	72	97	-49.5	-55.15	Closed valve 1/2 turn or less,,,,,,,
SEC2GW5A	SEC2GEW5	5/22/2015 10:59	ADJ	49.9	34.4	2.9	12.8	1.88	72	87	-49	-55.15	
SEC2GW5A	SEC2GEW5	6/27/2015 6:20		49	34.5	2.7	13.8	14.6	73	248	-49.6	-53.92	Closed valve 1/2 turn or less,,,,,,,
SEC2GW5A	SEC2GEW5	6/27/2015 6:20	ADJ	49	34.5	2.7	13.8	9.94	73	204	-49.2	-53.92	
SEC2GW5A	SEC2GEW5	7/27/2015 10:05		47.6	33.2	3.3	15.9	1.19	79	68	-46.5	-49.8	Opened 1/2 to 1 turn,,,,,,,
SEC2GW5A	SEC2GEW5	7/27/2015 10:05	ADJ	47.6	33.2	3.3	15.9	1.08	79	65	-47.4	-49.8	
SEC2GW5A	SEC2GEW5	8/18/2015 10:22		46.5	33.8	3.1	16.6	1.17	80	68	-46.3	-49.57	Closed valve 1/2 turn or less,,,,,,,
SEC2GW5A	SEC2GEW5	8/18/2015 10:22	ADJ	46.5	33.8	3.1	16.6	1	81	62	-44.4	-49.57	
SEC2GW5A	SEC2GEW5	9/15/2015 6:02		45.4	31.8	4	18.8	1.03	81	64	-42.6	-49.57	Closed valve 1/2 turn or less,,,,,,,
SEC2GW5A	SEC2GEW5	9/15/2015 6:02	ADJ	45.4	31.8	4	18.8	0.78	82	55	-40.7	-49.57	
SEC2GW5A	SEC2GEW5	10/26/2015 15:23		45.9	31	4.2	18.9	1.01	83	64	-39.2	-51.91	Closed valve 1/2 turn or less,,,,,,,
SEC2GW5A	SEC2GEW5	10/26/2015 15:23	ADJ	45.9	31	4.2	18.9	0.41	83	40	-36.3	-51.91	
SEC2GW5A	SEC2GEW5	11/3/2015 10:29		47.2	31.6	3.8	17.4	0.6	82	49	-29.3	-50.91	Closed valve 1/2 turn or less,,,,,,,
SEC2GW5A	SEC2GEW5	11/3/2015 10:29	ADJ	47.2	31.6	3.8	17.4	0.41	82	40	-28	-50.91	
SEC2GW5A	SEC2GEW5	12/21/2015 10:21		46.3	31.1	4.7	17.9	0.43	73	42	-25.2	-51.76	Closed valve 1/2 turn or less,,,,,,,
SEC2GW5A	SEC2GEW5	12/21/2015 10:21	ADJ	46.3	31.1	4.7	17.9	0.21	73	29	-23.5	-51.76	
SEC2GW6A	SEC2GEW6	1/19/2015 6:42		60.8	38.7	0.3	0.2	0.29	58	34	-54.8	-55.21	No change,Valve fully open,,,,,,
SEC2GW6A	SEC2GEW6	1/19/2015 6:42	ADJ	60.8	38.7	0.3	0.2	0.22	58	30	-54.8	-55.21	
SEC2GW6A	SEC2GEW6	2/3/2015 8:42		60.4	39.1	0.3	0.2	0.31	56	35	-53.7	-53.99	No change,Valve fully open,,,,,,
SEC2GW6A	SEC2GEW6	2/3/2015 8:42	ADJ	60.4	39.1	0.3	0.2	0.3	56	34	-53.7	-53.99	
SEC2GW6A	SEC2GEW6	3/21/2015 11:14		59.6	37.4	0.5	2.5	0.41	57	41	-54.7	-55	No change,Valve fully open,,,,,,
SEC2GW6A	SEC2GEW6	3/21/2015 11:14	ADJ	59.6	37.4	0.5	2.5	0.14	57	23	-54.6	-55	
SEC2GW6A	SEC2GEW6	4/27/2015 10:38		59.1	38.7	0.5	1.7	0.32	62	36	-55.4	-55.88	No change,Valve fully open,,,,,,
SEC2GW6A	SEC2GEW6	4/27/2015 10:38	ADJ	59.1	38.7	0.5	1.7	0.3	62	34	-55.4	-55.88	
SEC2GW6A	SEC2GEW6	5/22/2015 11:03		60.2	39.4	0.2	0.2	0.56	66	47	-54.2	-54.99	No change,Valve fully open,,,,,,
SEC2GW6A	SEC2GEW6	5/22/2015 11:03	ADJ	60.2	39.4	0.2	0.2	0.55	66	46	-54.1	-54.99	
SEC2GW6A	SEC2GEW6	6/27/2015 6:24		59.8	39.7	0	0.5	13.14	66	238	-52.7	-52.92	No change,Valve fully open,,,,,,
SEC2GW6A	SEC2GEW6	6/27/2015 6:24	ADJ	59.8	39.7	0	0.5	10.64	66	214	-52.6	-52.92	
SEC2GW6A	SEC2GEW6	7/27/2015 10:07		56.5	38.7	0.8	4	0.3	73	34	-50.5	-50.83	No change,Valve fully open,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
SEC2GW6A	SEC2GEW6	7/27/2015 10:07	ADJ	56.5	38.7	0.8	4	0.32	72	35	-50.5	-50.83	
SEC2GW6A	SEC2GEW6	8/18/2015 10:29		57.4	40.1	0	2.5	0.33	70	36	-48.8	-48.99	No change,Valve fully open,,,,,,
SEC2GW6A	SEC2GEW6	8/18/2015 10:29	ADJ	57.4	40.1	0	2.5	0.3	70	34	-48.8	-48.99	
SEC2GW6A	SEC2GEW6	9/15/2015 6:05		60.2	39.6	0	0.2	0.3	69	34	-47.7	-47.95	No change,Valve fully open,,,,,,
SEC2GW6A	SEC2GEW6	9/15/2015 6:05	ADJ	60.2	39.6	0	0.2	0.38	69	39	-47.5	-47.95	
SEC2GW6A	SEC2GEW6	10/26/2015 15:25		61.2	38.7	0	0.1	0.33	71	36	-49.3	-49.27	No change,Valve fully open,,,,,,
SEC2GW6A	SEC2GEW6	10/26/2015 15:25	ADJ	61.2	38.7	0	0.1	0.4	71	40	-49.4	-49.27	
SEC2GW6A	SEC2GEW6	11/3/2015 10:33		60.6	38.2	0	1.2	0.17	71	26	-47	-47.69	No change,Valve fully open,,,,,,
SEC2GW6A	SEC2GEW6	11/3/2015 10:33	ADJ	60.6	38.2	0	1.2	0.46	71	43	-47.2	-47.69	
SEC2GW6A	SEC2GEW6	12/21/2015 10:26		61.3	38.6	0	0.1	0.17	60	26	-48.6	-49.07	No change,Valve fully open,,,,,,
SEC2GW6A	SEC2GEW6	12/21/2015 10:26	ADJ	61.3	38.6	0	0.1	0.32	60	36	-48.5	-49.07	
SEC2GW7A	SEC2GEW7	1/19/2015 6:45		60.4	38.8	0.6	0.2	0.15	57	24	-53.3	-53.62	No change,Valve fully open,,,,,,
SEC2GW7A	SEC2GEW7	1/19/2015 6:45	ADJ	60.4	38.8	0.6	0.2	0.16	58	25	-53.2	-53.62	
SEC2GW7A	SEC2GEW7	2/3/2015 8:45		60.4	38.8	0.6	0.2	0.06	54	16	-52	-52.37	No change,Valve fully open,,,,,,
SEC2GW7A	SEC2GEW7	2/3/2015 8:45	ADJ	60.4	38.8	0.6	0.2	0.09	54	19	-52.1	-52.37	
SEC2GW7A	SEC2GEW7	3/21/2015 11:17		59.7	37.1	0.8	2.4	0.1	55	19	-54	-54.22	No change,Valve fully open,,,,,,
SEC2GW7A	SEC2GEW7	3/21/2015 11:17	ADJ	59.7	37.1	0.8	2.4	0.19	55	27	-54	-54.22	
SEC2GW7A	SEC2GEW7	4/27/2015 10:41		58.7	38	1.1	2.2	0.19	60	27	-54.3	-54.6	No change,Valve fully open,,,,,,
SEC2GW7A	SEC2GEW7	4/27/2015 10:41	ADJ	58.7	38	1.1	2.2	0.21	60	29	-54.3	-54.6	
SEC2GW7A	SEC2GEW7	5/22/2015 11:06		60	37.6	0.7	1.7	0.32	62	35	-53.6	-53.91	No change,Valve fully open,,,,,,
SEC2GW7A	SEC2GEW7	5/22/2015 11:06	ADJ	60	37.6	0.7	1.7	0.34	62	37	-53.6	-53.91	
SEC2GW7A	SEC2GEW7	6/27/2015 6:30		60.4	38.4	0	1.2	13.09	63	240	-51.4	-51.64	No change,Valve fully open,,,,,,
SEC2GW7A	SEC2GEW7	6/27/2015 6:30	ADJ	60.4	38.4	0	1.2	9.42	63	203	-51.4	-51.64	
SEC2GW7A	SEC2GEW7	7/27/2015 10:10		56	36.8	1.6	5.6	0.25	69	31	-49.2	-49.46	No change,Valve fully open,,,,,,
SEC2GW7A	SEC2GEW7	7/27/2015 10:10	ADJ	56	36.8	1.6	5.6	0.24	69	31	-49.2	-49.46	
SEC2GW7A	SEC2GEW7	8/18/2015 10:35		58.9	39.7	0.1	1.3	0.24	68	31	-47.3	-47.6	No change,Valve fully open,,,,,,
SEC2GW7A	SEC2GEW7	8/18/2015 10:35	ADJ	58.9	39.7	0.1	1.3	0.21	68	29	-47.4	-47.6	
SEC2GW7A	SEC2GEW7	9/15/2015 6:08		60.4	39.2	0.2	0.2	0.22	68	29	-46.9	-47.13	No change,Valve fully open,,,,,,
SEC2GW7A	SEC2GEW7	9/15/2015 6:08	ADJ	60.4	39.2	0.2	0.2	0.25	68	31	-46.9	-47.13	
SEC2GW7A	SEC2GEW7	10/26/2015 15:28		61.2	38.7	0	0.1	0.26	67	32	-48.1	-48.31	No change,Valve fully open,,,,,,
SEC2GW7A	SEC2GEW7	10/26/2015 15:28	ADJ	61.2	38.7	0	0.1	0.24	67	31	-48	-48.31	
SEC2GW7A	SEC2GEW7	11/3/2015 10:36		61.4	38.5	0	0.1	0.2	67	28	-46.1	-46.33	No change,Valve fully open,,,,,,
SEC2GW7A	SEC2GEW7	11/3/2015 10:36	ADJ	61.4	38.5	0	0.1	0.24	67	31	-46.1	-46.33	
SEC2GW7A	SEC2GEW7	12/21/2015 10:34		60.8	38.5	0	0.7	0.12	59	21	-47.8	-47.94	No change,Valve fully open,,,,,,
SEC2GW7A	SEC2GEW7	12/21/2015 10:34	ADJ	60.8	38.5	0	0.7	0.12	59	22	-47.7	-47.94	
SEC2GW9A	SEC2GW9R	1/19/2015 12:00		57.9	40.6	1.4	0.1	0.08	90	17	-54	-53.99	No change,Valve fully open,,,,,,
SEC2GW9A	SEC2GW9R	1/19/2015 12:00	ADJ	57.9	40.6	1.4	0.1	0.07	98	15	-54	-53.99	
SEC2GW9A	SEC2GW9R	2/3/2015 12:51		58.1	41.1	0.7	0.1	-0.04	74	---	-51.4	-51.39	No change,Valve fully open,,,,,,
SEC2GW9A	SEC2GW9R	2/3/2015 12:51	ADJ	58.1	41.1	0.7	0.1	-0.02	74	---	-51.4	-51.39	
SEC2GW9A	SEC2GW9R	3/21/2015 11:28		60.1	38.7	1.1	0.1	-0.06	89	---	-54.1	-54.06	No change,Valve fully open,,,,,,
SEC2GW9A	SEC2GW9R	3/21/2015 11:28	ADJ	60.1	38.7	1.1	0.1	-0.02	89	---	-54.1	-54.06	
SEC2GW9A	SEC2GW9R	4/27/2015 13:30		59.5	40	0.4	0.1	-0.03	93	---	-53.9	-54.03	No change,Valve fully open,,,,,,
SEC2GW9A	SEC2GW9R	4/27/2015 13:30	ADJ	59.5	40	0.4	0.1	0.02	94	8	-54	-54.03	
SEC2GW9A	SEC2GW9R	5/22/2015 13:52		59.4	40.2	0.3	0.1	0.02	93	8	-54.3	-54.4	No change,Valve fully open,,,,,,
SEC2GW9A	SEC2GW9R	5/22/2015 13:52	ADJ	59.4	40.2	0.3	0.1	0.03	93	10	-54.3	-54.4	
SEC2GW9A	SEC2GW9R	6/27/2015 8:31		59.7	39.3	0	1	13.4	90	237	-50.1	-50.18	No change,Valve fully open,,,,,,
SEC2GW9A	SEC2GW9R	6/27/2015 8:31	ADJ	59.7	39.3	0	1	11.4	90	218	-50.1	-50.18	
SEC2GW9A	SEC2GW9R	7/27/2015 12:14		59.4	39.4	0.5	0.7	0.01	94	6	-49.4	-49.44	No change,Valve fully open,,,,,,
SEC2GW9A	SEC2GW9R	7/27/2015 12:14	ADJ	59.4	39.4	0.5	0.7	0.02	94	9	-49.4	-49.44	
SEC2GW9A	SEC2GW9R	8/21/2015 8:45		59.2	40.2	0.4	0.2	0.15	83	24	-47.1	-47.17	No change,Valve fully open,,,,,,
SEC2GW9A	SEC2GW9R	8/21/2015 8:45	ADJ	59.2	40.2	0.4	0.2	0.14	83	23	-47.1	-47.17	
SEC2GW9A	SEC2GW9R	9/15/2015 8:28		60	39.4	0.5	0.1	0	83	---	-47	-46.94	No change,Valve fully open,,,,,,
SEC2GW9A	SEC2GW9R	9/15/2015 8:28	ADJ	60	39.4	0.5	0.1	0.02	82	7	-47	-46.94	
SEC2GW9A	SEC2GW9R	10/26/2015 16:18		58.2	37.9	0.6	3.3	-0.04	80	---	-47.8	-47.79	No change,Valve fully open,,,,,,
SEC2GW9A	SEC2GW9R	10/26/2015 16:18	ADJ	58.2	37.9	0.6	3.3	-0.13	80	---	-47.8	-47.79	
SEC2GW9A	SEC2GW9R	11/3/2015 11:29		59.6	40.3	0	0.1	0.12	77	21	-46.4	-46.49	No change,,,,,,,
SEC2GW9A	SEC2GW9R	11/3/2015 11:29	ADJ	59.6	40.3	0	0.1	0.06	77	15	-46.4	-46.49	
SEC2GW9A	SEC2GW9R	12/23/2015 10:40		58.2	41.7	0	0.1	-0.06	53	---	-46	-46.01	No change,Valve fully open,,,,,,
SEC2GW9A	SEC2GW9R	12/23/2015 10:40	ADJ	58.2	41.7	0	0.1	-0.05	52	---	-46	-46.01	
Sector 2 Supplemental Points													
SEC2Main	SEC2Main	1/15/2015 9:14		48.4	34.3	3.6	13.7	---	45	---	-63.1	-63.23	No change,,,,,,,
SEC2Main	SEC2Main	1/15/2015 9:14	ADJ	48.4	34.3	3.6	13.7	---	45	---	-63.1	-63.23	
SEC2Main	SEC2Main	1/15/2015 14:30		47.6	34	3.7	14.7	---	46	---	-62.4	-62.5	No change,,,,,,,
SEC2Main	SEC2Main	1/15/2015 14:30	ADJ	47.6	34	3.7	14.7	---	45	---	-62.4	-62.5	
SEC2Main	SEC2Main	1/19/2015 5:30		49.3	35.2	3.1	12.4	---	45	---	-62.8	-62.86	No change,,,,,,,
SEC2Main	SEC2Main	1/19/2015 5:30	ADJ	49.3	35.2	3.1	12.4	---	45	---	-62.8	-62.86	
SEC2Main	SEC2Main	1/19/2015 15:00		50.8	35.9	2.7	10.6	---	45	---	-62.4	-62.37	No change,,,,,,,
SEC2Main	SEC2Main	1/19/2015 15:00	ADJ	50.8	35.9	2.7	10.6	---	45	---	-62.4	-62.37	
SEC2Main	SEC2Main	1/20/2015 8:15		50.7	36.4	2.7	10.2	---	46	---	-63.4	-63.38	No change,,,,,,,
SEC2Main	SEC2Main	1/20/2015 8:15	ADJ	50.7	36.4	2.7	10.2	---	45	---	-63.3	-63.38	
SEC2Main	SEC2Main	1/20/2015 14:37		49.2	35.3	2.9	12.6	---	46	---	-61.3	-61.36	No change,,,,,,,
SEC2Main	SEC2Main	1/20/2015 14:37	ADJ	49.2	35.3	2.9	12.6	---	45	---	-61.3	-61.36	
SEC2Main	SEC2Main	2/2/2015 13:25		48.9	35.3	2.7	13.1	---	44	---	-61.9	-61.98	No change,,,,,,,
SEC2Main	SEC2Main	2/2/2015 13:25	ADJ	48.9	35.3	2.7	13.1	---	44	---	-61.9	-61.98	
SEC2Main	SEC2Main	2/3/2015 7:27		48	35	2.7	14.3	---	44	---	-62.2	-62.25	No change,,,,,,,
SEC2Main	SEC2Main	2/3/2015 7:27	ADJ	48	35	2.7	14.3	---	44	---	-62.2	-62.25	
SEC2Main	SEC2Main	2/3/2015 15:19		48	35.3	2.8	13.9	---	45	---	-61.6	-61.66	No change,,,,,,,
SEC2Main	SEC2Main	2/3/2015 15:19	ADJ	48	35.3	2.8	13.9	---	45	---	-61.6	-61.66	
SEC2Main	SEC2Main	2/5/2015 6:24		45.9	33.9	3.3	16.9	---	45	---	-62.3	-62.26	No change,,,,,,,
SEC2Main	SEC2Main	2/5/2015 6:24	ADJ	45.9	33.9	3.3	16.9	---	45	---	-62.3	-62.26	
SEC2Main	SEC2Main	3/10/2015 7:17		49.3	35.3	3.3	12.1	---	41	---	-63.2	-63.15	No change,,,,,,,
SEC2Main	SEC2Main	3/10/2015 7:17	ADJ	49.3	35.3	3.3	12.1	---	41	---	-63.2	-63.15	
SEC2Main	SEC2Main	3/12/2015 4:32		48	34.8	3.1	14.1	---	42	---	-63.4	-63.34	No change,,,,,,,
SEC2Main	SEC2Main	3/12/2015 4:32	ADJ	48	34.8	3.1	14.1	---	41	---	-63.4	-63.34	
SEC2Main	SEC2Main	3/21/2015 7:58		48.7	35	2.4	13.9	---	42	---	-63.9	-63.87	No change,,,,,,,
SEC2Main	SEC2Main	3/21/2015 7:58	ADJ	48.7	35	2.4	13.9	---	42	---	-63.8	-63.87	
SEC2Main	SEC2Main	3/21/2015 13:17		47.8	34.4	2.9	14.9	---	42	---	-64.3	-64.26	No change,,,,,,,
SEC2Main	SEC2Main	3/21/2015 13:17	ADJ	47.8	34.4	2.9	14.9	---	42	---	-64.3	-64.26	
SEC2Main	SEC2Main	3/23/2015 8:54		45.6	33.3	2.9	18.2	---	42	---	-64.8	-64.72	No change,,,,,,,
SEC2Main	SEC2Main	3/23/2015 8:54	ADJ	45.6	33.3	2.9	18.2	---	42	---	-64.7	-64.72	
SEC2Main	SEC2Main	3/27/2015 7:46		47.3	34.1	2.6	16	---	42	---	-64.9	-64.63	No change,,,,,,,
SEC2Main	SEC2Main	3/27/2015 7:46	ADJ	47.3	34.1	2.6	16	---	42	---	-64.8	-64.63	
SEC2Main	SEC2Main	4/27/2015 8:55		49.2	35.9	2.1	12.8	---	49	---	-63.6	-63.68	No change,,,,,,,
SEC2Main	SEC2Main	4/27/2015 8:55	ADJ	49.2	35.9	2.1	12.8	---	49	---	-63.7	-63.68	
SEC2Main	SEC2Main	4/27/2015 16:23		49.2	35.8	1.9	13.1	---	50	---	-62.5	-62.49	No change,,,,,,,
SEC2Main	SEC2Main	4/27/2015 16:23	ADJ	49.2	35.8	1.9	13.1	---	50	---	-62.4	-62.49	
SEC2Main	SEC2Main	5/21/2015 10:00		52.1	37.4	1.5	9	---	55	---	-63.3	-63.24	No change,,,,,,,
SEC2Main	SEC2Main	5/21/2015 10:00	ADJ	52.1	37.4	1.5	9	---	55	---	-63.3	-63.24	
SEC2Main	SEC2Main	5/22/2015 8:45		49.5	35.9	2.1	12.5	---	56	---	-63.2	-63.29	No change,,,,,,,
SEC2Main	SEC2Main	5/22/2015 8:45	ADJ	49.5	35.9	2.1	12.5	---	55	---	-63.2	-63.29	
SEC2Main	SEC2Main	5/22/2015 14:33		51.7	36.7	1.7	9.9	---	56	---	-62.8	-63.02	No change,,,,,,,
SEC2Main	SEC2Main	5/22/2015 14:33	ADJ	51.7	36.7	1.7	9.9	---	56	---	-62.8	-63.02	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
SEC2Main	SEC2Main	5/23/2015 8:10		50.8	36.2	2.1	10.9	---	55	---	-63.3	-63.57	No change,,,,,,,
SEC2Main	SEC2Main	5/23/2015 8:10	ADJ	50.8	36.2	2.1	10.9	---	55	---	-63.5	-63.57	
SEC2Main	SEC2Main	5/26/2015 8:05		54.1	38.1	1.2	6.6	---	56	---	-62.1	-62.22	No change,,,,,,,
SEC2Main	SEC2Main	5/26/2015 8:05	ADJ	54.1	38.1	1.2	6.6	---	56	---	-62.4	-62.22	
SEC2Main	SEC2Main	6/23/2015 14:52		51.6	37.6	1.2	9.6	---	63	---	-60.4	-60.59	No change,,,,,,,
SEC2Main	SEC2Main	6/23/2015 14:52	ADJ	51.6	37.6	1.2	9.6	---	63	---	-60.5	-60.59	
SEC2Main	SEC2Main	6/26/2015 13:45		52.4	37.3	1.1	9.2	---	65	---	-60.9	-61.03	No change,,,,,,,
SEC2Main	SEC2Main	6/26/2015 13:45	ADJ	52.4	37.3	1.1	9.2	---	64	---	-61.1	-61.03	
SEC2Main	SEC2Main	6/27/2015 5:54		52.6	37.1	0.9	9.4	---	64	---	-61.2	-61.34	No change,,,,,,,
SEC2Main	SEC2Main	6/27/2015 5:54	ADJ	52.6	37.1	0.9	9.4	---	64	---	-61.5	-61.34	
SEC2Main	SEC2Main	6/27/2015 11:28		53.2	36.7	1.1	9	---	65	---	-59.9	-59.86	No change,,,,,,,
SEC2Main	SEC2Main	6/27/2015 11:28	ADJ	53.2	36.7	1.1	9	---	64	---	-59.7	-59.86	
SEC2Main	SEC2Main	6/29/2015 8:02		53.1	37.5	0.7	8.7	---	65	---	-59.9	-59.94	No change,,,,,,,
SEC2Main	SEC2Main	6/29/2015 8:02	ADJ	53.1	37.5	0.7	8.7	---	64	---	-59.7	-59.94	
SEC2Main	SEC2Main	6/29/2015 14:39		51.7	35.9	1	11.4	---	66	---	-58.6	-58.6	No change,,,,,,,
SEC2Main	SEC2Main	6/29/2015 14:39	ADJ	51.7	35.9	1	11.4	---	65	---	-58.6	-58.6	
SEC2Main	SEC2Main	7/17/2015 11:54		52.6	37.7	0.9	8.8	---	69	---	-58.9	-59	No change,,,,,,,
SEC2Main	SEC2Main	7/17/2015 11:54	ADJ	52.6	37.7	0.9	8.8	---	68	---	-58.9	-59	
SEC2Main	SEC2Main	7/24/2015 10:50		51.9	37.1	1.7	9.3	---	69	---	-59.6	-59.66	No change,,,,,,,
SEC2Main	SEC2Main	7/24/2015 10:50	ADJ	51.9	37.1	1.7	9.3	---	69	---	-59.6	-59.66	
SEC2Main	SEC2Main	7/27/2015 9:45		52.3	37.5	1.3	8.9	---	70	---	-59.4	-59.48	No change,,,,,,,
SEC2Main	SEC2Main	7/27/2015 9:45	ADJ	52.3	37.5	1.3	8.9	---	70	---	-59.4	-59.48	
SEC2Main	SEC2Main	7/27/2015 14:32		52.3	37.5	1.3	8.9	---	70	---	-59	-58.95	No change,,,,,,,
SEC2Main	SEC2Main	7/27/2015 14:32	ADJ	52.3	37.5	1.3	8.9	---	70	---	-59	-58.95	
SEC2Main	SEC2Main	7/28/2015 4:52		52.5	37.4	1.8	8.3	---	69	---	-58.6	-58.47	No change,,,,,,,
SEC2Main	SEC2Main	7/28/2015 4:52	ADJ	52.5	37.4	1.8	8.3	---	69	---	-58.4	-58.47	
SEC2Main	SEC2Main	8/5/2015 14:27		51.6	38.2	1.3	8.9	---	71	---	-58.9	-58.96	,,,,,,,
SEC2Main	SEC2Main	8/5/2015 14:27	ADJ	51.6	38.2	1.3	8.9	---	71	---	-59	-58.96	
SEC2Main	SEC2Main	8/18/2015 7:39		52.1	38.9	0.8	8.2	---	---	---	-58.8	-58.87	,,,,,,,
SEC2Main	SEC2Main	8/18/2015 7:39	ADJ	52.1	38.9	0.8	8.2	---	---	---	-58.7	-58.87	
SEC2Main	SEC2Main	8/20/2015 5:53		54.7	38.8	0.9	5.6	---	71	---	-57.9	-57.97	No change,,,,,,,
SEC2Main	SEC2Main	8/20/2015 5:53	ADJ	54.7	38.8	0.9	5.6	---	71	---	-57.9	-57.97	
SEC2Main	SEC2Main	8/21/2015 5:59		53.7	38.5	1	6.8	---	71	---	-59.3	-59.16	No change,,,,,,,
SEC2Main	SEC2Main	8/21/2015 5:59	ADJ	53.7	38.5	1	6.8	---	71	---	-59.3	-59.16	
SEC2Main	SEC2Main	8/21/2015 13:36		52.8	38.5	0.8	7.9	---	71	---	-58.3	-58.41	No change,,,,,,,
SEC2Main	SEC2Main	8/21/2015 13:36	ADJ	52.8	38.5	0.8	7.9	---	71	---	-58.4	-58.41	
SEC2Main	SEC2Main	9/14/2015 14:41		51.5	37.5	1.4	9.6	---	71	---	-58.5	-58.51	No change,,,,,,,
SEC2Main	SEC2Main	9/14/2015 14:41	ADJ	51.5	37.5	1.4	9.6	---	71	---	-58.5	-58.51	
SEC2Main	SEC2Main	9/15/2015 5:41		51.4	37.4	1.5	9.7	---	71	---	-58.6	-58.75	No change,,,,,,,
SEC2Main	SEC2Main	9/15/2015 5:41	ADJ	51.4	37.4	1.5	9.7	---	71	---	-58.7	-58.75	
SEC2Main	SEC2Main	9/15/2015 14:24		51.9	37.6	1	9.5	---	71	---	-58.5	-58.43	No change,,,,,,,
SEC2Main	SEC2Main	9/15/2015 14:24	ADJ	51.9	37.6	1	9.5	---	71	---	-58.5	-58.43	
SEC2Main	SEC2Main	9/24/2015 9:00		51.6	38.3	1	9.1	---	70	---	-59.2	-59.35	No change,,,,,,,
SEC2Main	SEC2Main	9/24/2015 9:00	ADJ	51.6	38.3	1	9.1	---	70	---	-59.3	-59.35	
SEC2Main	SEC2Main	9/30/2015 12:43		52.6	38.1	0.2	9.1	---	70	---	-59.2	-59.14	No change,,,,,,,
SEC2Main	SEC2Main	9/30/2015 12:43	ADJ	52.6	38.1	0.2	9.1	---	70	---	-59.2	-59.14	
SEC2Main	SEC2Main	10/8/2015 15:34		51.8	38.3	0.2	9.7	---	69	---	-58.3	-58.29	No change,,,,,,,
SEC2Main	SEC2Main	10/8/2015 15:34	ADJ	51.8	38.3	0.2	9.7	---	69	---	-58.1	-58.29	
SEC2Main	SEC2Main	10/21/2015 7:50		50.6	37.8	0.3	11.3	---	66	---	-58.9	-59.01	No change,,,,,,,
SEC2Main	SEC2Main	10/21/2015 7:50	ADJ	50.6	37.8	0.3	11.3	---	66	---	-59.1	-59.01	
SEC2Main	SEC2Main	10/26/2015 12:24		51.5	37.2	0.5	10.8	---	65	---	-60	-59.97	No change,,,,,,,
SEC2Main	SEC2Main	10/26/2015 12:24	ADJ	51.5	37.2	0.5	10.8	---	65	---	-60	-59.97	
SEC2Main	SEC2Main	10/27/2015 8:02		52.2	37.7	0.3	9.8	---	65	---	-60.3	-60.28	No change,,,,,,,
SEC2Main	SEC2Main	10/27/2015 8:02	ADJ	52.2	37.7	0.3	9.8	---	65	---	-60.2	-60.28	
SEC2Main	SEC2Main	10/27/2015 14:41		51.8	38.1	0	10.1	---	66	---	-59.1	-59.07	No change,,,,,,,
SEC2Main	SEC2Main	10/27/2015 14:41	ADJ	51.8	38.1	0	10.1	---	65	---	-59	-59.07	
SEC2Main	SEC2Main	11/2/2015 11:31		51	38.1	0.2	10.7	---	64	---	-58	-58.17	No change,,,,,,,
SEC2Main	SEC2Main	11/2/2015 11:31	ADJ	51	38.1	0.2	10.7	---	64	---	-58	-58.17	
SEC2Main	SEC2Main	11/3/2015 10:05		51.9	37.9	0.4	9.8	---	63	---	-58.9	-58.72	No change,,,,,,,
SEC2Main	SEC2Main	11/3/2015 10:05	ADJ	51.9	37.9	0.4	9.8	---	63	---	-58.9	-58.72	
SEC2Main	SEC2Main	11/3/2015 17:28		52.5	38.1	0.1	9.3	---	66	---	-58	-58.09	No change,,,,,,,
SEC2Main	SEC2Main	11/3/2015 17:28	ADJ	52.5	38.1	0.1	9.3	---	64	---	-58.2	-58.09	
SEC2Main	SEC2Main	11/4/2015 13:47		53.1	37.9	0.2	8.8	---	64	---	-58.1	-58.1	No change,,,,,,,
SEC2Main	SEC2Main	11/4/2015 13:47	ADJ	53.1	37.9	0.2	8.8	---	64	---	-58.4	-58.1	
SEC2Main	SEC2Main	11/4/2015 17:40		53.4	38.3	0	8.3	---	63	---	-57.8	-57.79	No change,,,,,,,
SEC2Main	SEC2Main	11/4/2015 17:40	ADJ	53.4	38.3	0	8.3	---	63	---	-57.7	-57.79	
SEC2Main	SEC2Main	11/9/2015 16:49		50.1	37.6	0.4	11.9	---	63	---	-59.7	-59.77	No change,,,,,,,
SEC2Main	SEC2Main	11/9/2015 16:49	ADJ	50.1	37.6	0.4	11.9	---	62	---	-59.9	-59.77	
SEC2Main	SEC2Main	12/11/2015 13:46		50	37.1	0.2	12.7	---	54	---	-59.6	-59.82	No change,,,,,,,
SEC2Main	SEC2Main	12/11/2015 13:46	ADJ	50	37.1	0.2	12.7	---	54	---	-59.8	-59.82	
SEC2Main	SEC2Main	12/21/2015 8:05		49.4	36	0	14.6	---	54	---	-60.2	-60.13	No change,,,,,,,
SEC2Main	SEC2Main	12/21/2015 8:05	ADJ	49.4	36	0	14.6	---	53	---	-60	-60.13	
SEC2Main	SEC2Main	12/21/2015 15:40		51.1	36.7	0	12.2	---	53	---	-60.6	-60.78	No change,,,,,,,
SEC2Main	SEC2Main	12/21/2015 15:40	ADJ	51.1	36.7	0	12.2	---	53	---	-60.7	-60.78	
SEC2Main	SEC2Main	12/23/2015 8:05		52.1	37.9	0	10	---	53	---	-59.3	-59.27	No change,,,,,,,
SEC2Main	SEC2Main	12/23/2015 8:05	ADJ	52.1	37.9	0	10	---	52	---	-59.1	-59.27	
SEC2Main	SEC2Main	12/23/2015 14:11		54.4	38.7	0	6.9	---	52	---	-57.5	-57.73	No change,,,,,,,
SEC2Main	SEC2Main	12/23/2015 14:11	ADJ	54.4	38.7	0	6.9	---	52	---	-57.8	-57.73	
S2P01OC2	SEC2P01OC2	1/19/2015 8:37		53.8	45.7	0.3	0.2	0.11	142	19	-36	-38.03	Closed valve 1/2 turn or less,,,,,,,
S2P01OC2	SEC2P01OC2	1/19/2015 8:37	ADJ	53.8	45.7	0.3	0.2	0	141	19	-35.6	-38.03	
S2P01OC2	SEC2P01OC2	2/3/2015 12:13		54.6	45.2	0	0.2	0.12	142	19	-26.3	-26.57	No change,Valve fully open,,,,,,
S2P01OC2	SEC2P01OC2	2/3/2015 12:13	ADJ	54.6	45.2	0	0.2	0.19	142	25	-26.3	-26.57	
S2P01OC2	SEC2P01OC2	3/23/2015 11:36		55	44.7	0.2	0.1	0.2	142	26	-32.3	-33.02	No change,Valve fully open,,,,,,
S2P01OC2	SEC2P01OC2	3/23/2015 11:36	ADJ	55	44.7	0.2	0.1	0.24	143	29	-32.5	-33.02	
S2P01OC2	SEC2P01OC2	4/20/2015 15:37		54.5	45.1	0.2	0.2	-0.32	141	---	-35	-35.07	No change,Valve fully open,,,,,,
S2P01OC2	SEC2P01OC2	4/20/2015 15:37	ADJ	54.5	45.1	0.2	0.2	0.06	142	13	-35	-35.07	
S2P01OC2	SEC2P01OC2	5/26/2015 10:21		56.6	43.1	0.1	0.2	0.04	142	12	-31.1	-31.22	No change,Valve fully open,,,,,,
S2P01OC2	SEC2P01OC2	5/26/2015 10:21	ADJ	56.6	43.1	0.1	0.2	0.33	143	34	-31.1	-31.22	
S2P01OC2	SEC2P01OC2	6/29/2015 13:19		56.7	42.9	0.2	0.2	5.25	142	148	-24.7	-24.5	No change,Valve fully open,,,,,,
S2P01OC2	SEC2P01OC2	6/29/2015 13:19	ADJ	56.7	42.9	0.2	0.2	1.4	142	75	-24.7	-24.5	
S2P01OC2	SEC2P01OC2	7/27/2015 11:51		57.2	42.5	0.2	0.1	0.22	143	28	-29.5	-29.71	No change,Valve fully open,,,,,,
S2P01OC2	SEC2P01OC2	7/27/2015 11:51	ADJ	57.2	42.5	0.2	0.1	0.28	143	31	-29.4	-29.71	
S2P01OC2	SEC2P01OC2	8/21/2015 8:21		56.5	43.4	0	0.1	0.22	142	28	-26.6	-26.67	No change,Valve fully open,,,,,,
S2P01OC2	SEC2P01OC2	8/21/2015 8:21	ADJ	56.5	43.4	0	0.1	0.32	143	34	-26.6	-26.67	
S2P01OC2	SEC2P01OC2	9/15/2015 8:05		56.9	43	0	0.1	0.27	142	31	-29.1	-29.01	No change,Valve fully open,,,,,,
S2P01OC2	SEC2P01OC2	9/15/2015 8:05	ADJ	56.9	43	0	0.1	0.26	143	30	-29.1	-29.01	
S2P01OC2	SEC2P01OC2	10/27/2015 9:41		56.3	43.6	0	0.1	0.3	141	32	-29.2	-29.28	No change,Valve fully open,,,,,,
S2P01OC2	SEC2P01OC2	10/27/2015 9:41	ADJ	56.3	43.6	0	0.1	0.4	142	37	-29.2	-29.28	
S2P01OC2	SEC2P01OC2	11/4/2015 15:07		56.8	43.1	0	0.1	0.43	141	39	-30.2	-30.32	No change,Valve fully open,,,,,,
S2P01OC2	SEC2P01OC2	11/4/2015 15:07	ADJ	56.8	43.1	0	0.1	0.34	142	34	-30.2	-30.32	
S2P01OC2	SEC2P01OC2	12/23/2015 10:22		56	43.9	0	0.1	0.41	134	38	-29	-29.62	No change,Valve fully open,,,,,,
S2P01OC2	SEC2P01OC2	12/23/2015 10:22	ADJ	56	43.9	0	0.1	0.3	135	32	-29	-29.62	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
S2P01OC6	SEC2P01OC6	1/20/2015 12:35		56.4	42	1.3	0.3	0	43	2	-50.3	-50.93	Opened valve 1/2 turn or less,Valve barely open,,,,,,
S2P01OC6	SEC2P01OC6	1/20/2015 12:35	ADJ	56.4	42	1.3	0.3	0.01	41	5	-50.9	-50.93	
S2P01OC6	SEC2P01OC6	2/6/2015 9:04		54.8	41	2.7	1.5	-0.42	29	---	-52.9	-52.95	Closed valve 1/2 turn or less,,,,,,
S2P01OC6	SEC2P01OC6	2/6/2015 9:04	ADJ	54.8	41	2.7	1.5	-0.44	26	---	-52.1	-52.95	
S2P01OC6	SEC2P01OC6	3/24/2015 6:43		54	42.3	3.6	0.1	-0.05	35	---	-0.9	-54.56	Opened valve 1/2 turn or less,,,,,,
S2P01OC6	SEC2P01OC6	3/24/2015 6:43	ADJ	54	42.3	3.6	0.1	-0.06	27	---	-1.5	-54.56	
S2P01OC6	SEC2P01OC6	4/27/2015 13:29		48.7	41.5	1.4	8.4	-0.01	76	---	-54	-54.11	No change,Valve barely open,,,,,,
S2P01OC6	SEC2P01OC6	4/27/2015 13:29	ADJ	48.7	41.5	1.4	8.4	-0.01	76	---	-54	-54.11	
S2P01OC6	SEC2P01OC6	5/23/2015 8:33		20.1	14.7	12.6	52.6	0.04	73	11	-53.6	-54.53	Closed valve 1/2 turn or less,Valve completely closed,,,,,,
S2P01OC6	SEC2P01OC6	5/23/2015 8:33	ADJ	20.1	14.7	12.6	52.6	0.04	74	11	-53.1	-54.53	
S2P01OC6	SEC2P01OC6	5/23/2015 8:36		22.6	16.6	11.3	49.5	0.04	70	11	-53.4	-54.52	Valve completely closed,,,,,,
S2P01OC6	SEC2P01OC6	5/23/2015 8:36	ADJ	22.6	16.6	11.3	49.5	0.03	70	11	-53.2	-54.52	
S2P01OC6	SEC2P01OC6	5/26/2015 10:46		44.6	32.7	4.7	18	0.02	66	7	-2.7	-51.83	Closed valve 1/2 turn or less,,,,,,
S2P01OC6	SEC2P01OC6	5/26/2015 10:46	ADJ	44.6	32.7	4.7	18	0.01	66	5	-2.6	-51.83	
S2P01OC6	SEC2P01OC6	6/27/2015 10:14		51	46.7	0.8	1.5	6.24	90	155	-49.5	-49.55	No change,,,,,,
S2P01OC6	SEC2P01OC6	6/27/2015 10:14	ADJ	51	46.7	0.8	1.5	3.38	92	113	-49.5	-49.55	
S2P01OC6 was abandoned in accordance with the 07/13/15 approval.													
S2P02OC1	SEC2P02OC1	1/19/2015 12:58		53.8	39.7	2.8	3.7	-0.03	41	---	-52.3	-53.69	No change,,,,,,
S2P02OC1	SEC2P02OC1	1/19/2015 12:58	ADJ	53.8	39.7	2.8	3.7	0.08	41	17	-52.4	-53.69	
S2P02OC1	SEC2P02OC1	2/3/2015 13:45		55.7	41	1.8	1.5	0.32	29	37	-38.6	-49.71	Opened valve 1/2 turn or less,,,,,,
S2P02OC1	SEC2P02OC1	2/3/2015 13:45	ADJ	55.7	41	1.8	1.5	0.04	29	13	-38.9	-49.71	
S2P02OC1	SEC2P02OC1	3/21/2015 12:05		56.5	42.4	0.9	0.2	0.16	62	24	-54	-54.04	No change,Valve fully open,,,,,,
S2P02OC1	SEC2P02OC1	3/21/2015 12:05	ADJ	56.5	42.4	0.9	0.2	0.08	60	17	-54	-54.04	
S2P02OC1	SEC2P02OC1	4/27/2015 13:54		56.3	43.1	0.4	0.2	0.48	80	42	-53.6	-53.63	No change,Valve fully open,,,,,,
S2P02OC1	SEC2P02OC1	4/27/2015 13:54	ADJ	56.3	43.1	0.4	0.2	0.3	81	33	-53.6	-53.63	
S2P02OC1	SEC2P02OC1	5/23/2015 8:28		56.7	42.8	0.3	0.2	0.07	86	15	-54.2	-54.32	No change,Valve fully open,,,,,,
S2P02OC1	SEC2P02OC1	5/23/2015 8:28	ADJ	56.7	42.8	0.3	0.2	0.01	86	5	-54.3	-54.32	
S2P02OC1	SEC2P02OC1	6/27/2015 10:09		58.6	41.1	0.1	0.2	8.24	97	183	-49.2	-49.24	No change,Valve fully open,,,,,,
S2P02OC1	SEC2P02OC1	6/27/2015 10:09	ADJ	58.6	41.1	0.1	0.2	3.53	98	119	-49.1	-49.24	
S2P02OC1 was abandoned in accordance with the 07/13/15 approval.													
S2P04OC2	SEC2P04OC2	1/21/2015 8:06		35.7	29.8	6.9	27.6	-0.14	117	---	-5.7	-52.57	Closed valve 1/2 turn or less,,,,,,
S2P04OC2	SEC2P04OC2	1/21/2015 8:06	ADJ	35.7	29.8	6.9	27.6	-0.41	112	---	-5.3	-52.57	
S2P04OC2	SEC2P04OC2	1/21/2015 8:15		32.2	27.4	7.8	32.6	-0.21	114	---	-5.2	-52.63	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P04OC2	SEC2P04OC2	1/21/2015 8:15	ADJ	32.2	27.4	7.8	32.6	-0.4	103	---	-4.7	-52.63	
S2P04OC2	SEC2P04OC2	2/2/2015 13:49		31.6	27.6	7.2	33.6	-0.4	124	---	-5.3	-53.07	Closed valve 1/2 turn or less,,,,,,
S2P04OC2	SEC2P04OC2	2/2/2015 13:49	ADJ	31.6	27.6	7.2	33.6	-0.65	124	---	-5.2	-53.07	
S2P04OC2	SEC2P04OC2	2/5/2015 6:45		11.3	9.5	19.5	59.7	0.44	85	42	-11.7	-52.72	Closed valve 1/2 turn or less,,,,,,
S2P04OC2	SEC2P04OC2	2/5/2015 6:45	ADJ	11.3	9.5	19.5	59.7	0.21	83	29	-11.4	-52.72	
S2P04OC2	SEC2P04OC2	2/5/2015 9:43		18.5	16.7	10.7	54.1	-0.5	115	---	-4.3	-53.57	Closed valve 1/2 turn or less,,,,,,
S2P04OC2	SEC2P04OC2	2/5/2015 9:43	ADJ	18.5	16.7	10.7	54.1	-0.54	80	---	-3.9	-53.57	
S2P04OC2	SEC2P04OC2	2/5/2015 12:06		38.8	29.5	3.8	27.9	0.08	54	18	-2.1	-54.77	Closed valve 1/2 turn or less,,,,,,
S2P04OC2	SEC2P04OC2	2/5/2015 12:06	ADJ	38.8	29.5	3.8	27.9	-0.03	45	18	-1.8	-54.77	
S2P04OC2	SEC2P04OC2	3/21/2015 11:42		37.4	32.9	4.7	25	-0.3	75	---	-2.1	-56.42	No change,,,,,,
S2P04OC2	SEC2P04OC2	3/21/2015 11:42	ADJ	37.4	32.9	4.7	25	-0.32	76	---	-2.1	-56.42	
S2P04OC2	SEC2P04OC2	4/28/2015 8:12		27.5	26.6	6	39.9	0.04	111	11	-7.5	-54.98	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P04OC2	SEC2P04OC2	4/28/2015 8:12	ADJ	27.5	26.6	6	39.9	0.03	109	10	-7.3	-54.98	
S2P04OC2	SEC2P04OC2	4/28/2015 8:15		27.6	25.9	6.6	39.9	0.14	106	23	-7.1	-55.03	Closed valve 1/2 turn or less,Valve completely closed,,,,,,
S2P04OC2	SEC2P04OC2	4/28/2015 8:15	ADJ	27.6	25.9	6.6	39.9	0.22	103	28	-7	-55.03	
S2P04OC2	SEC2P04OC2	5/4/2015 13:35		25.8	25.8	6.7	41.7	0.04	76	11	-6.6	-54.56	No change,,,,,,
S2P04OC2	SEC2P04OC2	5/4/2015 13:35	ADJ	25.8	25.8	6.7	41.7	0.03	77	11	-6.6	-54.56	
S2P04OC2	SEC2P04OC2	5/4/2015 13:37		25.5	25.6	6.7	42.2	0.04	77	12	-6.6	-54.53	No change,Valve completely closed,,,,,,
S2P04OC2	SEC2P04OC2	5/4/2015 13:37	ADJ	25.5	25.6	6.7	42.2	0.04	77	12	-6.6	-54.53	
S2P04OC2 was abandoned in accordance with the 05/13/15 approval.													
S2P04OC4	SEC2P04OC4	1/19/2015 8:25		55	44.8	0	0.2	-0.05	80	---	-0.7	-52.8	Opened valve 1/2 turn or less,,,,,,
S2P04OC4	SEC2P04OC4	1/19/2015 8:25	ADJ	55	44.8	0	0.2	0.37	92	39	-1.3	-52.8	
S2P04OC4	SEC2P04OC4	2/3/2015 11:56		57.3	41.2	0.2	1.3	-0.17	102	---	-0.8	-50.3	Opened valve 1/2 turn or less,,,,,,
S2P04OC4	SEC2P04OC4	2/3/2015 11:56	ADJ	57.3	41.2	0.2	1.3	0.18	106	27	-1.9	-50.3	
S2P04OC4	SEC2P04OC4	3/23/2015 11:27		55.9	43.8	0.2	0.1	-0.21	64	---	-0.3	-52.79	Opened valve 1/2 turn or less,,,,,,
S2P04OC4	SEC2P04OC4	3/23/2015 11:27	ADJ	55.9	43.8	0.2	0.1	0.38	89	40	-0.9	-52.79	
S2P04OC4	SEC2P04OC4	4/27/2015 13:09		56.2	43.5	0.1	0.2	0.2	90	28	-0.5	-53.62	Opened valve 1/2 turn or less,,,,,,
S2P04OC4	SEC2P04OC4	4/27/2015 13:09	ADJ	56.2	43.5	0.1	0.2	0.56	99	48	-1.1	-53.62	
S2P04OC4	SEC2P04OC4	5/22/2015 13:13		47	35.4	1.8	15.8	0.32	110	36	-2.8	-53.47	Closed valve 1/2 turn or less,,,,,,
S2P04OC4	SEC2P04OC4	5/22/2015 13:13	ADJ	47	35.4	1.8	15.8	-0.24	110	36	-2.1	-53.47	
S2P04OC4	SEC2P04OC4	6/27/2015 7:48		56.7	43.2	0	0.1	11.35	97	228	-0.1	-50.42	Opened valve 1/2 turn or less,,,,,,
S2P04OC4	SEC2P04OC4	6/27/2015 7:48	ADJ	56.7	43.2	0	0.1	9.1	100	203	-0.6	-50.42	
S2P04OC4	SEC2P04OC4	7/27/2015 11:42		46.2	34.2	1.9	17.7	0.2	109	28	-4.5	-47.96	Closed valve 1/2 turn or less,,,,,,
S2P04OC4	SEC2P04OC4	7/27/2015 11:42	ADJ	46.2	34.2	1.9	17.7	0.05	109	14	-3.4	-47.96	
S2P04OC4	SEC2P04OC4	8/21/2015 8:05		56.6	43.3	0	0.1	-0.25	91	---	-0.1	-47.06	Opened valve 1/2 turn or less,,,,,,
S2P04OC4	SEC2P04OC4	8/21/2015 8:05	ADJ	56.6	43.3	0	0.1	0.48	101	44	-0.5	-47.06	
S2P04OC4	SEC2P04OC4	9/15/2015 7:55		56.8	43.1	0	0.1	0.24	98	31	-0.1	-45.65	Opened valve 1/2 turn or less,,,,,,
S2P04OC4	SEC2P04OC4	9/15/2015 7:55	ADJ	56.8	43.1	0	0.1	0.06	102	16	-0.7	-45.65	
S2P04OC4	SEC2P04OC4	10/27/2015 9:33		56.3	43.6	0	0.1	0.21	81	30	-0.1	-46.52	Opened valve 1/2 turn or less,,,,,,
S2P04OC4	SEC2P04OC4	10/27/2015 9:33	ADJ	56.3	43.6	0	0.1	0.1	98	20	-1	-46.52	
S2P04OC4	SEC2P04OC4	11/4/2015 14:59		46.7	36	0.1	17.2	0.15	110	24	-3.3	-44	Closed valve 1/2 turn or less,,,,,,
S2P04OC4	SEC2P04OC4	11/4/2015 14:59	ADJ	46.7	36	0.1	17.2	0.08	109	17	-2.5	-44	
S2P04OC4	SEC2P04OC4	12/23/2015 10:11		56.1	43.8	0	0.1	-1.23	51	---	-0.5	-43.62	Opened valve 1/2 turn or less,,,,,,
S2P04OC4	SEC2P04OC4	12/23/2015 10:11	ADJ	56.1	43.8	0	0.1	-0.34	89	---	-1.6	-43.62	
S2P08OC1	SEC2P08OC1	1/20/2015 9:00		58.6	41	0.3	0.1	-0.41	51	---	-0.1	-34.05	Opened valve 1/2 turn or less,,,,,,
S2P08OC1	SEC2P08OC1	1/20/2015 9:00	ADJ	58.6	41	0.3	0.1	0.16	59	26	-0.9	-34.05	
S2P08OC1	SEC2P08OC1	2/5/2015 10:22		38.8	32.1	1.2	27.9	0.49	79	45	-0.8	-34.94	Closed valve 1/2 turn or less,,,,,,
S2P08OC1	SEC2P08OC1	2/5/2015 10:22	ADJ	38.8	32.1	1.2	27.9	0.23	78	31	-0.2	-34.94	
S2P08OC1	SEC2P08OC1	3/27/2015 8:34		45.8	35.7	0.3	18.2	0.12	67	22	-0.1	-37.71	No change,Valve barely open,,,,,,
S2P08OC1	SEC2P08OC1	3/27/2015 8:34	ADJ	45.8	35.7	0.3	18.2	0.08	67	19	-0.1	-37.71	
S2P08OC1	SEC2P08OC1	4/27/2015 15:35		44.9	35.3	0.2	19.6	0.04	74	12	-0.2	-39.3	Closed valve 1/2 turn or less,,,,,,
S2P08OC1	SEC2P08OC1	4/27/2015 15:35	ADJ	44.9	35.3	0.2	19.6	0.13	74	23	-0.1	-39.3	
S2P08OC1	SEC2P08OC1	5/26/2015 8:58		57.9	38.7	0.1	3.3	0.13	72	24	-0.1	-36.6	Opened valve 1/2 turn or less,,,,,,
S2P08OC1	SEC2P08OC1	5/26/2015 8:58	ADJ	57.9	38.7	0.1	3.3	0.08	74	18	-0.7	-36.6	
S2P08OC1	SEC2P08OC1	6/29/2015 9:49		52.4	36.5	0	11.1	9.58	84	213	-0.4	-30.43	No change,,,,,,
S2P08OC1	SEC2P08OC1	6/29/2015 9:49	ADJ	52.4	36.5	0	11.1	6.02	84	168	-0.3	-30.43	
S2P08OC1	SEC2P08OC1	7/28/2015 5:29		55.4	38.6	0.1	5.9	0.29	84	35	-0.5	-31.8	Opened valve 1/2 turn or less,,,,,,
S2P08OC1	SEC2P08OC1	7/28/2015 5:29	ADJ	55.4	38.6	0.1	5.9	0.59	84	51	-0.9	-31.8	
S2P08OC1	SEC2P08OC1	8/21/2015 12:52		43.5	34.5	0.2	21.8	0.36	86	38	-0.8	-30.35	Closed valve 1/2 turn or less,,,,,,
S2P08OC1	SEC2P08OC1	8/21/2015 12:52	ADJ	43.5	34.5	0.2	21.8	0.34	86	38	-0.4	-30.35	
S2P08OC1	SEC2P08OC1	9/15/2015 10:52		52	36.3	0	11.7	0.46	84	45	-0.6	-32.33	No change,,,,,,
S2P08OC1	SEC2P08OC1	9/15/2015 10:52	ADJ	52	36.3	0	11.7	0.55	85	49	-0.7	-32.33	
S2P08OC1	SEC2P08OC1	10/27/2015 9:59		41.5	34.2	0	24.3	0.12	82	22	-0.5	-35.59	Closed valve 1/2 turn or less,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
S2P08OC1	SEC2P08OC1	10/27/2015 9:59	ADJ	41.5	34.2	0	24.3	0.06	81	16	-0.1	-35.59	
S2P08OC1	SEC2P08OC1	11/4/2015 15:58		49.5	36.6	0	13.9	0.16	74	26	-0.1	-34.36	No change,,,,,,,
S2P08OC1	SEC2P08OC1	11/4/2015 15:58	ADJ	49.5	36.6	0	13.9	0.18	75	28	-0.1	-34.36	
S2P08OC1	SEC2P08OC1	12/23/2015 13:05		49.7	36.6	0	13.7	0.13	67	23	-0.1	-33.33	No change,Valve barely open,,,,,,
S2P08OC1	SEC2P08OC1	12/23/2015 13:05	ADJ	49.7	36.6	0	13.7	0.08	67	19	-0.1	-33.33	
S2P08OC2	SEC2P08OC2	1/19/2015 7:55		54.3	45.3	0.2	0.2	0.04	114	12	-35	-35.08	No change,Valve fully open,,,,,,
S2P08OC2	SEC2P08OC2	1/19/2015 7:55	ADJ	54.3	45.3	0.2	0.2	0	116	12	-35.2	-35.08	
S2P08OC2	SEC2P08OC2	2/3/2015 9:46		54	45.9	0	0.1	-0.02	115	---	-25.6	-25.57	No change,Valve fully open,,,,,,
S2P08OC2	SEC2P08OC2	2/3/2015 9:46	ADJ	54	45.9	0	0.1	-0.01	115	---	-25.5	-25.57	
S2P08OC2	SEC2P08OC2	3/27/2015 10:29		55	44.3	0.6	0.1	-0.08	119	---	-28.5	-28.61	Closed valve 1/2 turn or less,,,,,,,
S2P08OC2	SEC2P08OC2	3/27/2015 10:29	ADJ	55	44.3	0.6	0.1	-0.03	119	---	-28.8	-28.61	
S2P08OC2	SEC2P08OC2	4/27/2015 12:40		55.5	44.1	0.3	0.1	0.01	121	6	-33.4	-32.72	No change,Valve fully open,,,,,,
S2P08OC2	SEC2P08OC2	4/27/2015 12:40	ADJ	55.5	44.1	0.3	0.1	0.03	122	10	-33.4	-32.72	
S2P08OC2	SEC2P08OC2	5/22/2015 12:13		56.1	43.5	0.3	0.1	0.12	123	20	-32.5	-31.73	No change,Valve fully open,,,,,,
S2P08OC2	SEC2P08OC2	5/22/2015 12:13	ADJ	56.1	43.5	0.3	0.1	0.19	123	26	-32.5	-31.73	
S2P08OC2	SEC2P08OC2	6/27/2015 7:12		56.9	43	0	0.1	12.49	125	229	-26.7	-26.28	No change,Valve fully open,,,,,,
S2P08OC2	SEC2P08OC2	6/27/2015 7:12	ADJ	56.9	43	0	0.1	8.85	125	192	-26.6	-26.28	
S2P08OC2	SEC2P08OC2	7/27/2015 11:12		56.3	42.9	0.4	0.4	0.12	125	21	-28	-28.11	No change,Valve fully open,,,,,,
S2P08OC2	SEC2P08OC2	7/27/2015 11:12	ADJ	56.3	42.9	0.4	0.4	0.11	125	19	-28.4	-28.11	
S2P08OC2	SEC2P08OC2	8/21/2015 6:43		55.3	44.5	0	0.2	0.03	124	10	-26.3	-26.17	No change,Valve fully open,,,,,,
S2P08OC2	SEC2P08OC2	8/21/2015 6:43	ADJ	55.3	44.5	0	0.2	0.18	125	25	-26.3	-26.17	
S2P08OC2	SEC2P08OC2	9/15/2015 7:08		55.7	44.2	0	0.1	0.09	123	17	-28.5	-28.35	No change,Valve fully open,,,,,,
S2P08OC2	SEC2P08OC2	9/15/2015 7:08	ADJ	55.7	44.2	0	0.1	0.09	123	18	-28.5	-28.35	
S2P08OC2	SEC2P08OC2	10/27/2015 9:04		55.3	44.6	0	0.1	0.08	120	17	-29.7	-29.03	No change,Valve fully open,,,,,,
S2P08OC2	SEC2P08OC2	10/27/2015 9:04	ADJ	55.3	44.6	0	0.1	0.15	120	23	-29.7	-29.03	
S2P08OC2	SEC2P08OC2	11/4/2015 14:10		55.9	44	0	0.1	0.09	120	17	-30.1	-29.99	No change,Valve fully open,,,,,,
S2P08OC2	SEC2P08OC2	11/4/2015 14:10	ADJ	55.9	44	0	0.1	0.14	121	22	-30.1	-29.99	
S2P08OC2	SEC2P08OC2	12/21/2015 12:39		56.1	43.8	0	0.1	0.09	112	17	-31	-30.47	No change,Valve fully open,,,,,,
S2P08OC2	SEC2P08OC2	12/21/2015 12:39	ADJ	56.1	43.8	0	0.1	-0.16	112	17	-31	-30.47	
S2P08OC4	SEC2P08OC4	1/20/2015 12:15		32.6	38.7	4.7	24	-1.03	79	---	-23.7	-23.87	Closed valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P08OC4	SEC2P08OC4	1/20/2015 12:15	ADJ	32.6	38.7	4.7	24	-2	84	---	-22.7	-23.87	
S2P08OC4	SEC2P08OC4	2/6/2015 9:11		45.7	46.7	0.2	7.4	12.1	30	240	-2.3	-15.36	Closed valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P08OC4	SEC2P08OC4	2/6/2015 9:11	ADJ	45.7	46.7	0.2	7.4	15.31	90	255	-1.6	-15.36	
S2P08OC4	SEC2P08OC4	3/27/2015 14:53		20.1	25.9	3.5	50.5	1.67	127	77	-24	-23.83	Closed valve 1/2 turn or less,Watered out,,,,,,
S2P08OC4	SEC2P08OC4	3/27/2015 14:53	ADJ	20.1	25.9	3.5	50.5	-0.5	129	77	-23	-23.83	
S2P08OC4	SEC2P08OC4	4/28/2015 10:50		42.6	46.2	0.4	10.8	---	84	---	-5.8	-20.54	Closed valve 1/2 turn or less,,,,,,,
S2P08OC4	SEC2P08OC4	4/28/2015 10:50	ADJ	42.6	46.2	0.4	10.8	20.01	92	290	-3.1	-20.54	
S2P08OC4	SEC2P08OC4	5/26/2015 12:40		0.2	0.3	19.3	80.2	6.08	73	159	-25.7	-25.9	Closed valve 1/2 turn or less,,,,,,,
S2P08OC4	SEC2P08OC4	5/26/2015 12:40	ADJ	0.2	0.3	19.3	80.2	4.54	71	138	-23.1	-25.9	
S2P08OC4	SEC2P08OC4	5/26/2015 12:41		0.1	0.1	19.5	80.3	-1.02	68	---	-19.4	-26.04	Closed valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P08OC4	SEC2P08OC4	5/26/2015 12:41	ADJ	0.1	0.1	19.5	80.3	-1.66	68	---	-18.9	-26.04	
S2P08OC4	SEC2P08OC4	6/1/2015 13:38		1.7	1.7	18.9	77.7	13.75	75	242	-21.6	-20.61	Closed valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P08OC4	SEC2P08OC4	6/1/2015 13:38	ADJ	1.7	1.7	18.9	77.7	13.4	75	239	-21.2	-20.61	
S2P08OC4	SEC2P08OC4	6/8/2015 16:04		24.1	33.1	6.7	36.1	25.39	83	316	-28.7	-29.06	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P08OC4	SEC2P08OC4	6/8/2015 16:04	ADJ	24.1	33.1	6.7	36.1	21.73	82	293	-27.5	-29.06	
S2P08OC4	SEC2P08OC4	6/18/2015 11:27		3.2	3.5	18	75.3	-9.48	81	---	-0.1	-29.59	No change,Valve barely open,,,,,,
S2P08OC4	SEC2P08OC4	6/18/2015 11:27	ADJ	3.2	3.5	18	75.3	-8.78	79	---	-0.1	-29.59	
S2P08OC4	SEC2P08OC4	6/29/2015 13:23		27.1	35.2	5.6	32.1	2.92	97	109	-1	-24.25	No change,Valve barely open,,,,,,
S2P08OC4	SEC2P08OC4	6/29/2015 13:23	ADJ	27.1	35.2	5.6	32.1	6.05	86	159	-0.8	-24.25	
S2P08OC4	SEC2P08OC4	6/29/2015 13:27		19.8	22.8	11	46.4	-0.36	86	---	-0.2	-24.28	No change,Valve barely open,,,,,,
S2P08OC4	SEC2P08OC4	6/29/2015 13:27	ADJ	19.8	22.8	11	46.4	-4.04	83	---	-0.1	-24.28	
S2P08OC4 was abandoned in accordance with the 07/13/15 approval.													
S2P08OC7	SEC2P08OC7	1/20/2015 12:56		49.1	34.8	4.8	11.3	---	119	---	-50.8	-50.78	No change,Valve barely open,Watered out,,,,,
S2P08OC7	SEC2P08OC7	1/20/2015 12:56	ADJ	49.1	34.8	4.8	11.3	---	119	---	-50.9	-50.78	
S2P08OC7	SEC2P08OC7	2/6/2015 9:42		46.5	35	3.3	15.2	15.51	88	259	-19.1	-53.01	Opened valve 1/2 turn or less,,,,,,,
S2P08OC7	SEC2P08OC7	2/6/2015 9:42	ADJ	46.5	35	3.3	15.2	19.41	103	286	-21.9	-53.01	
S2P08OC7	SEC2P08OC7	3/27/2015 9:55		56.7	42.4	0.8	0.1	---	119	---	-40.3	-53.75	Opened valve 1/2 turn or less,,,,,,,
S2P08OC7	SEC2P08OC7	3/27/2015 9:55	ADJ	56.7	42.4	0.8	0.1	---	119	---	-50.1	-53.75	
S2P08OC7	SEC2P08OC7	4/27/2015 10:59		44.3	33.2	4.7	17.8	---	120	---	-48.6	-54.52	Closed valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P08OC7	SEC2P08OC7	4/27/2015 10:59	ADJ	44.3	33.2	4.7	17.8	---	120	---	-47.4	-54.52	
S2P08OC7	SEC2P08OC7	5/22/2015 11:34		46.1	32.2	4.6	17.1	-28.08	121	---	-17.1	-53.86	Closed valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P08OC7	SEC2P08OC7	5/22/2015 11:34	ADJ	46.1	32.2	4.6	17.1	-30.24	121	---	-16.7	-53.86	
S2P08OC7	SEC2P08OC7	6/29/2015 14:11		49.1	34.6	3	13.3	---	123	---	-42.1	-47.1	No change,,,,,,,
S2P08OC7	SEC2P08OC7	6/29/2015 14:11	ADJ	49.1	34.6	3	13.3	---	123	---	-40.9	-47.1	
S2P08OC7 was abandoned in accordance with the 07/13/15 approval.													
S2P08OC8	SEC2P08OC8	1/19/2015 6:54		53.7	38.2	1.4	6.7	0.01	94	4	-0.6	-54.25	No change,,,,,,,
S2P08OC8	SEC2P08OC8	1/19/2015 6:54	ADJ	53.7	38.2	1.4	6.7	0.19	94	28	-0.6	-54.25	
S2P08OC8	SEC2P08OC8	2/3/2015 8:55		57.5	41.3	1.1	0.1	-0.6	96	---	-0.4	-52.46	Opened valve 1/2 turn or less,,,,,,,
S2P08OC8	SEC2P08OC8	2/3/2015 8:55	ADJ	57.5	41.3	1.1	0.1	-0.13	94	---	-1.8	-52.46	
S2P08OC8	SEC2P08OC8	3/27/2015 9:42		45.4	34.1	2.3	18.2	0.17	94	26	-2.4	-54.04	Closed valve 1/2 turn or less,,,,,,,
S2P08OC8	SEC2P08OC8	3/27/2015 9:42	ADJ	45.4	34.1	2.3	18.2	0.93	93	63	-1.5	-54.04	
S2P08OC8	SEC2P08OC8	4/27/2015 10:46		49.2	35.9	1.5	13.4	0.31	94	36	-0.9	-55.09	Closed valve 1/2 turn or less,,,,,,,
S2P08OC8	SEC2P08OC8	4/27/2015 10:46	ADJ	49.2	35.9	1.5	13.4	0.38	95	40	-0.7	-55.09	
S2P08OC8	SEC2P08OC8	5/22/2015 11:14		52.5	37.1	0.5	9.9	0.66	101	53	-1	-54.08	No change,,,,,,,
S2P08OC8	SEC2P08OC8	5/22/2015 11:14	ADJ	52.5	37.1	0.5	9.9	0.83	101	59	-1.4	-54.08	
S2P08OC8	SEC2P08OC8	6/27/2015 6:38		50.5	36.9	0.3	12.3	14.53	107	257	-1.5	-51.44	No change,,,,,,,
S2P08OC8	SEC2P08OC8	6/27/2015 6:38	ADJ	50.5	36.9	0.3	12.3	9.36	107	206	-1.7	-51.44	
S2P08OC8	SEC2P08OC8	7/27/2015 10:18		55.6	39.6	0.1	4.7	0.19	105	27	-0.5	-49.19	Opened valve 1/2 turn or less,,,,,,,
S2P08OC8	SEC2P08OC8	7/27/2015 10:18	ADJ	55.6	39.6	0.1	4.7	0.45	105	43	-0.9	-49.19	
S2P08OC8	SEC2P08OC8	8/18/2015 10:47		51.2	38.5	0.3	10	0.52	108	46	-0.9	-47.33	No change,Valve barely open,,,,,,
S2P08OC8	SEC2P08OC8	8/18/2015 10:47	ADJ	51.2	38.5	0.3	10	0.37	108	39	-0.8	-47.33	
S2P08OC8	SEC2P08OC8	9/15/2015 6:15		54.9	38.8	0	6.3	0.55	104	48	-1.3	-47.43	Opened valve 1/2 turn or less,,,,,,,
S2P08OC8	SEC2P08OC8	9/15/2015 6:15	ADJ	54.9	38.8	0	6.3	0.79	104	58	-1.9	-47.43	
S2P08OC8	SEC2P08OC8	10/26/2015 15:33		54	38.2	0	7.8	0.13	101	23	-1.4	-49.62	Opened valve 1/2 turn or less,,,,,,,
S2P08OC8	SEC2P08OC8	10/26/2015 15:33	ADJ	54	38.2	0	7.8	0.38	101	39	-2.3	-49.62	
S2P08OC8	SEC2P08OC8	11/3/2015 10:42		46.7	35.7	0	17.6	0.48	97	44	-2.2	-46.34	Closed valve 1/2 turn or less,,,,,,,
S2P08OC8	SEC2P08OC8	11/3/2015 10:42	ADJ	46.7	35.7	0	17.6	0.31	98	36	-1.5	-46.34	
S2P08OC8	SEC2P08OC8	12/21/2015 10:44		50.4	37.3	0	12.3	0.31	93	36	-1.9	-47.62	No change,Valve barely open,,,,,,
S2P08OC8	SEC2P08OC8	12/21/2015 10:44	ADJ	50.4	37.3	0	12.3	0.39	93	40	-1.8	-47.62	
S2P8OC11	SEC2P08OC11	1/20/2015 12:46		46.7	39.1	4.4	9.8	-0.04	113	---	-2.4	-50.8	Closed valve 1/2 turn or less,Watered out,,,,,,
S2P8OC11	SEC2P08OC11	1/20/2015 12:46	ADJ	46.7	39.1	4.4	9.8	-0.01	111	---	-2	-50.8	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
S2P8OC11	SEC2P08OC11	2/5/2015 12:53		51.1	43.9	2.5	2.5	-5.5	85	---	-2.8	-52.41	Closed valve 1/2 turn or less,,,,,,,
S2P8OC11	SEC2P08OC11	2/5/2015 12:53	ADJ	51.1	43.9	2.5	2.5	-10.58	101	---	-1.1	-52.41	
S2P8OC11	SEC2P08OC11	3/27/2015 9:44		51.2	47	1.6	0.2	-0.22	124	---	-11.1	-54.19	No change,,,,,,,
S2P8OC11	SEC2P08OC11	3/27/2015 9:44	ADJ	51.2	47	1.6	0.2	-1.14	125	---	-13	-54.19	
S2P8OC11	SEC2P08OC11	4/20/2015 15:57		42.4	37.3	4.7	15.6	0.24	126	29	-7.7	-54.02	Closed valve 1/2 turn or less,Watered out,,,,,,
S2P8OC11	SEC2P08OC11	4/20/2015 15:57	ADJ	42.4	37.3	4.7	15.6	0.06	126	14	-8.2	-54.02	
S2P8OC11	SEC2P08OC11	5/26/2015 9:42		41.5	35.6	4.8	18.1	0.08	124	16	-9.3	-52.85	Closed valve 1/2 turn or less,Valve barely open,Watered out,,,,,
S2P8OC11	SEC2P08OC11	5/26/2015 9:42	ADJ	41.5	35.6	4.8	18.1	-0.37	128	16	-7.2	-52.85	
S2P8OC11	SEC2P08OC11	6/29/2015 14:04		43.3	34.3	3.1	19.3	13.08	128	233	-25.2	-47.23	Closed valve 1/2 turn or less,,,,,,,
S2P8OC11	SEC2P08OC11	6/29/2015 14:04	ADJ	43.3	34.3	3.1	19.3	3.64	128	123	-15.4	-47.23	
S2P8OC11	SEC2P08OC11	7/27/2015 10:27		50.4	42.6	1.5	5.5	-1.53	88	---	-20.2	-49.03	No change,,,,,,,
S2P8OC11	SEC2P08OC11	7/27/2015 10:27	ADJ	50.4	42.6	1.5	5.5	0.5	88	44	-22.8	-49.03	
S2P8OC11	SEC2P08OC11	8/21/2015 14:12		52.4	44.1	0.9	2.6	5.56	132	145	-23.2	-45.95	No change,,,,,,,
S2P8OC11	SEC2P08OC11	8/21/2015 14:12	ADJ	52.4	44.1	0.9	2.6	0.15	132	23	-14.9	-45.95	
S2P8OC11	SEC2P08OC11	9/15/2015 6:25		51	43.8	0.7	4.5	1.31	132	69	-23	-46.79	No change,,,,,,,
S2P8OC11	SEC2P08OC11	9/15/2015 6:25	ADJ	51	43.8	0.7	4.5	2.59	132	98	-21.8	-46.79	
S2P8OC11	SEC2P08OC11	10/26/2015 15:45		52.2	43.4	0.7	3.7	-0.2	131	---	-22.2	-48.02	No change,,,,,,,
S2P8OC11	SEC2P08OC11	10/26/2015 15:45	ADJ	52.2	43.4	0.7	3.7	0.78	132	54	-20.8	-48.02	
S2P8OC11	SEC2P08OC11	11/3/2015 10:52		52.5	44.1	0.3	3.1	6.09	130	153	-22.1	-46.32	No change,,,,,,,
S2P8OC11	SEC2P08OC11	11/3/2015 10:52	ADJ	52.5	44.1	0.3	3.1	0.48	131	42	-21.3	-46.32	
S2P8OC11	SEC2P08OC11	12/21/2015 11:22		51.8	44.2	0	4	2.22	124	92	-22.4	-47.83	No change,Watered out,,,,,,
S2P8OC11	SEC2P08OC11	12/21/2015 11:22	ADJ	51.8	44.2	0	4	3.42	125	114	-21.2	-47.83	
S2P09OC1	SEC2P09OC1	1/20/2015 9:03		48.4	37.9	0.1	13.6	-0.08	67	---	-0.1	-52.69	No change,Valve barely open,,,,,,
S2P09OC1	SEC2P09OC1	1/20/2015 9:03	ADJ	48.4	37.9	0.1	13.6	-0.03	67	---	-0.1	-52.69	
S2P09OC1	SEC2P09OC1	2/5/2015 10:25		26.6	28.7	0.1	44.6	-0.49	60	---	-0.1	-50.52	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P09OC1	SEC2P09OC1	2/5/2015 10:25	ADJ	26.6	28.7	0.1	44.6	-0.47	60	---	-0.1	-50.52	
S2P09OC1	SEC2P09OC1	3/26/2015 15:17		44.1	35.4	0	20.5	0.08	70	18	-0.1	-54.01	No change,Valve barely open,,,,,,
S2P09OC1	SEC2P09OC1	3/26/2015 15:17	ADJ	44.1	35.4	0	20.5	0.09	70	19	-0.1	-54.01	
S2P09OC1	SEC2P09OC1	4/27/2015 15:38		39.9	33.8	0.1	26.2	0.12	79	21	-0.1	-53.54	No change,Valve barely open,,,,,,
S2P09OC1	SEC2P09OC1	4/27/2015 15:38	ADJ	39.9	33.8	0.1	26.2	0.13	79	23	-0.1	-53.54	
S2P09OC1	SEC2P09OC1	5/26/2015 9:01		45.9	35.1	0.1	18.9	0.11	79	21	-0.1	-53.48	No change,Valve barely open,,,,,,
S2P09OC1	SEC2P09OC1	5/26/2015 9:01	ADJ	45.9	35.1	0.1	18.9	0.12	79	22	-0.1	-53.48	
S2P09OC1	SEC2P09OC1	6/29/2015 10:10		33	30.6	0.1	36.3	4.01	82	133	-0.1	-48.54	No change,Valve barely open,,,,,,
S2P09OC1	SEC2P09OC1	6/29/2015 10:10	ADJ	33	30.6	0.1	36.3	1.41	82	78	-0.1	-48.54	
S2P09OC1	SEC2P09OC1	7/28/2015 5:33		41.1	34.2	0	24.7	0.19	86	28	-0.2	-47.85	Closed valve 1/2 turn or less,,,,,,,
S2P09OC1	SEC2P09OC1	7/28/2015 5:33	ADJ	41.1	34.2	0	24.7	0.16	86	26	-0.1	-47.85	
S2P09OC1	SEC2P09OC1	8/21/2015 12:55		25.6	28.1	0	46.3	0.16	84	25	-0.1	-45.23	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P09OC1	SEC2P09OC1	8/21/2015 12:55	ADJ	25.6	28.1	0	46.3	0.12	84	22	-0.1	-45.23	
S2P09OC1	SEC2P09OC1	9/15/2015 10:55		37.2	31.9	0	30.9	0.13	83	22	-0.1	-46.16	No change,Valve barely open,,,,,,
S2P09OC1	SEC2P09OC1	9/15/2015 10:55	ADJ	37.2	31.9	0	30.9	0.13	84	22	-0.1	-46.16	
S2P09OC1	SEC2P09OC1	10/27/2015 10:02		29	29.6	0	41.4	0.06	73	15	-0.1	-46.75	No change,,,,,,,
S2P09OC1	SEC2P09OC1	10/27/2015 10:02	ADJ	29	29.6	0	41.4	0.07	74	16	-0.1	-46.75	
S2P09OC1	SEC2P09OC1	11/4/2015 18:16		33.4	30.3	0	36.3	0.18	80	27	-0.1	-44.64	No change,Valve barely open,,,,,,
S2P09OC1	SEC2P09OC1	11/4/2015 18:16	ADJ	33.4	30.3	0	36.3	0.18	80	27	-0.1	-44.64	
S2P09OC1	SEC2P09OC1	12/23/2015 13:08		29.5	29.4	0	41.1	-0.13	69	---	-0.1	-44.67	No change,Valve barely open,,,,,,
S2P09OC1	SEC2P09OC1	12/23/2015 13:08	ADJ	29.5	29.4	0	41.1	-0.13	70	---	-0.1	-44.67	
S2P10OC5	SEC2P10OC5	1/20/2015 9:11		57.5	41.8	0.5	0.2	-0.17	40	---	-20.2	-52.15	Opened valve 1/2 turn or less,Watered out,,,,,,
S2P10OC5	SEC2P10OC5	1/20/2015 9:11	ADJ	57.5	41.8	0.5	0.2	4	39	133	-44.6	-52.15	
S2P10OC5	SEC2P10OC5	2/5/2015 10:35		56.3	42.4	1.2	0.1	-2.98	34	---	-30.3	-51.05	Closed valve 1/2 turn or less,,,,,,,
S2P10OC5	SEC2P10OC5	2/5/2015 10:35	ADJ	56.3	42.4	1.2	0.1	-1.16	32	---	-28.4	-51.05	
S2P10OC5	SEC2P10OC5	3/27/2015 8:45		58.3	41.4	0.2	0.1	0.32	37	38	-5.9	-53.43	Opened valve 1/2 turn or less,,,,,,,
S2P10OC5	SEC2P10OC5	3/27/2015 8:45	ADJ	58.3	41.4	0.2	0.1	-0.2	35	38	-6.9	-53.43	
S2P10OC5	SEC2P10OC5	4/27/2015 15:46		46.9	35.9	0.2	17	0.29	77	35	-6.8	-52.71	Closed valve 1/2 turn or less,,,,,,,
S2P10OC5	SEC2P10OC5	4/27/2015 15:46	ADJ	46.9	35.9	0.2	17	-0.19	78	35	-6.3	-52.71	
S2P10OC5	SEC2P10OC5	5/26/2015 9:20		49.2	36.3	0.4	14.1	0.04	73	13	-9	-52.13	No change,,,,,,,
S2P10OC5	SEC2P10OC5	5/26/2015 9:20	ADJ	49.2	36.3	0.4	14.1	0.05	73	14	-9	-52.13	
S2P10OC5	SEC2P10OC5	6/29/2015 10:18		44.9	34.8	0	20.3	7.65	85	186	-4.6	-48.72	Closed valve 1/2 turn or less,,,,,,,
S2P10OC5	SEC2P10OC5	6/29/2015 10:18	ADJ	44.9	34.8	0	20.3	1.23	85	73	-3.1	-48.72	
S2P10OC5	SEC2P10OC5	7/28/2015 5:43		59.2	40.6	0	0.2	0.03	77	10	-1.3	-47.4	Opened valve 1/2 turn or less,,,,,,,
S2P10OC5	SEC2P10OC5	7/28/2015 5:43	ADJ	59.2	40.6	0	0.2	0.09	79	20	-2.8	-47.4	
S2P10OC5	SEC2P10OC5	8/21/2015 13:07		51.6	37.3	0	11.1	-0.2	81	---	-2.8	-45.19	No change,,,,,,,
S2P10OC5	SEC2P10OC5	8/21/2015 13:07	ADJ	51.6	37.3	0	11.1	0.14	81	24	-2.8	-45.19	
S2P10OC5	SEC2P10OC5	9/15/2015 11:04		54	36.2	0	9.8	0.12	84	22	-5.7	-45.26	Opened valve 1/2 turn or less,,,,,,,
S2P10OC5	SEC2P10OC5	9/15/2015 11:04	ADJ	54	36.2	0	9.8	0.03	85	10	-7.5	-45.26	
S2P10OC5	SEC2P10OC5	10/27/2015 10:10		46.2	34.6	0	19.2	-0.2	65	---	-19.8	-46.21	Closed valve 1/2 turn or less,,,,,,,
S2P10OC5	SEC2P10OC5	10/27/2015 10:10	ADJ	46.2	34.6	0	19.2	0.03	65	11	-19.2	-46.21	
S2P10OC5	SEC2P10OC5	11/4/2015 16:14		55.5	36	0	8.5	0.15	74	24	-20.4	-44.18	Opened valve 1/2 turn or less,,,,,,,
S2P10OC5	SEC2P10OC5	11/4/2015 16:14	ADJ	55.5	36	0	8.5	0.28	74	34	-21.8	-44.18	
S2P10OC5	SEC2P10OC5	12/23/2015 13:17		47.9	34.9	0	17.2	-0.04	50	---	-16.1	-44	Closed valve 1/2 turn or less,,,,,,,
S2P10OC5	SEC2P10OC5	12/23/2015 13:17	ADJ	47.9	34.9	0	17.2	0.02	49	10	-14.9	-44	
S2P10OC6	SEC2P10OC6	1/20/2015 9:09		58.9	40.3	0.6	0.2	1.04	93	68	-1.4	-52.49	Opened valve 1/2 turn or less,,,,,,,
S2P10OC6	SEC2P10OC6	1/20/2015 9:09	ADJ	58.9	40.3	0.6	0.2	1.19	94	72	-2.1	-52.49	
S2P10OC6	SEC2P10OC6	2/5/2015 10:32		38.1	30.9	2.9	28.1	1.45	94	78	-2.1	-50.56	Closed valve 1/2 turn or less,,,,,,,
S2P10OC6	SEC2P10OC6	2/5/2015 10:32	ADJ	38.1	30.9	2.9	28.1	0.4	94	40	-0.7	-50.56	
S2P10OC6	SEC2P10OC6	3/27/2015 8:43		57.1	38.8	0.2	3.9	0.52	91	48	-0.7	-53.19	Opened valve 1/2 turn or less,,,,,,,
S2P10OC6	SEC2P10OC6	3/27/2015 8:43	ADJ	57.1	38.8	0.2	3.9	0.98	92	66	-1.4	-53.19	
S2P10OC6	SEC2P10OC6	4/27/2015 15:44		54.2	37.8	0.3	7.7	0.85	96	60	-1.3	-53.01	Opened valve 1/2 turn or less,,,,,,,
S2P10OC6	SEC2P10OC6	4/27/2015 15:44	ADJ	54.2	37.8	0.3	7.7	1.08	96	68	-1.7	-53.01	
S2P10OC6	SEC2P10OC6	5/26/2015 9:18		56.6	38.7	0.1	4.6	0.6	96	50	-1.9	-52.43	Opened valve 1/2 turn or less,,,,,,,
S2P10OC6	SEC2P10OC6	5/26/2015 9:18	ADJ	56.6	38.7	0.1	4.6	1.84	97	90	-3	-52.43	
S2P10OC6	SEC2P10OC6	6/29/2015 10:16		47.8	35.3	0	16.9	9.23	98	205	-2.1	-48.38	Closed valve 1/2 turn or less,,,,,,,
S2P10OC6	SEC2P10OC6	6/29/2015 10:16	ADJ	47.8	35.3	0	16.9	2.36	98	102	-1.3	-48.38	
S2P10OC6	SEC2P10OC6	7/28/2015 5:41		55.8	38.5	0	5.7	0.94	97	64	-1.3	-48.13	Opened valve 1/2 turn or less,,,,,,,
S2P10OC6	SEC2P10OC6	7/28/2015 5:41	ADJ	55.8	38.5	0	5.7	1.41	97	78	-2	-48.13	
S2P10OC6	SEC2P10OC6	8/21/2015 13:04		46.7	35.5	0	17.8	1.33	91	76	-2	-45.03	Closed valve 1/2 turn or less,,,,,,,
S2P10OC6	SEC2P10OC6	8/21/2015 13:04	ADJ	46.7	35.5	0	17.8	0.78	91	54	-46	-45.03	
S2P10OC6	SEC2P10OC6	9/15/2015 11:01		55.6	37.2	0	7.2	0.76	96	57	-1.1	-45.79	Opened valve 1/2 turn or less,,,,,,,
S2P10OC6	SEC2P10OC6	9/15/2015 11:01	ADJ	55.6	37.2	0	7.2	0.83	97	60	-1.5	-45.79	
S2P10OC6	SEC2P10OC6	10/27/2015 10:08		51.3	36.9	0	11.8	0.96	95	64	-1.3	-46.65	No change,,,,,,,
S2P10OC6	SEC2P10OC6	10/27/2015 10:08	ADJ	51.3	36.9	0	11.8	0.86	95	61	-1.4	-46.65	
S2P10OC6	SEC2P10OC6	11/4/2015 16:12		53	36.7	0	10.3	1.06	95	68	-1.3	-44.34	No change,,,,,,,
S2P10OC6	SEC2P10OC6	11/4/2015 16:12	ADJ	53	36.7	0	10.3	0.96	95	64	-1.3	-44.34	
S2P10OC6	SEC2P10OC6	12/23/2015 13:15		50.8	36.7	0	12.5	0.98	90	65	-1.3	-44.1	No change,,,,,,,
S2P10OC6	SEC2P10OC6	12/23/2015 13:15	ADJ	50.8	36.7	0	12.5	0.91	90	63	-1.3	-44.1	
Leachate Cleanouts and Manholes - Exempt from NSPS Oxygen Limits (per WDNR March 2005 Approval) - *Approval was rescinded on September 25, 2015*													
S2P08LC1	SEC2P08LCO1	1/20/2015 9:22		18	17.6	6.6	57.8	-0.03	30	---	-34.9	-52.64	Closed valve 1/2 turn or less,,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
S2P08LC1	SEC2P08LCO1	1/20/2015 9:22	ADJ	18	17.6	6.6	57.8	-0.03	30	---	-34.1	-52.64	
S2P08LC1	SEC2P08LCO1	1/20/2015 9:23		17.4	17.1	7.2	58.3	-0.04	29	---	-32.3	-52.73	No change,,,,,,,
S2P08LC1	SEC2P08LCO1	1/20/2015 9:23	ADJ	17.4	17.1	7.2	58.3	-0.03	29	---	-32.2	-52.73	
S2P08LC1	SEC2P08LCO1	2/6/2015 8:55		15.9	15	9.9	59.2	-0.05	37	---	-0.4	-52.99	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P08LC1	SEC2P08LCO1	2/6/2015 8:55	ADJ	15.9	15	9.9	59.2	-0.04	34	---	-0.4	-52.99	
S2P08LC1	SEC2P08LCO1	2/6/2015 8:56		15.8	15	9.9	59.3	-0.04	27	---	-0.5	-53.03	No change,Valve barely open,,,,,,
S2P08LC1	SEC2P08LCO1	2/6/2015 8:56	ADJ	15.8	15	9.9	59.3	-0.04	26	---	-0.5	-53.03	
S2P08LC1	SEC2P08LCO1	3/27/2015 9:36		26	22.9	0.4	50.7	-0.02	50	---	-0.2	-54.43	No change,Valve barely open,,,,,,
S2P08LC1	SEC2P08LCO1	3/27/2015 9:36	ADJ	26	22.9	0.4	50.7	-0.02	49	---	-0.1	-54.43	
S2P08LC1	SEC2P08LCO1	4/27/2015 15:54		31.4	24.3	0.4	43.9	0.03	76	6	-0.1	-53.59	No change,Valve barely open,,,,,,
S2P08LC1	SEC2P08LCO1	4/27/2015 15:54	ADJ	31.4	24.3	0.4	43.9	0.03	77	6	-0.1	-53.59	
S2P08LC1	SEC2P08LCO1	5/26/2015 9:28		32	25.4	0.4	42.2	0.02	70	4	-0.1	-52.92	No change,Valve barely open,,,,,,
S2P08LC1	SEC2P08LCO1	5/26/2015 9:28	ADJ	32	25.4	0.4	42.2	0.01	70	4	-0.1	-52.92	
S2P08LC1	SEC2P08LCO1	6/29/2015 10:34		40.1	26.4	0.3	33.2	1.29	82	44	-0.2	-49.16	No change,Valve barely open,,,,,,
S2P08LC1	SEC2P08LCO1	6/29/2015 10:34	ADJ	40.1	26.4	0.3	33.2	1.29	80	44	-0.3	-49.16	
S2P08LC1 was abandoned in accordance with the 07/13/15 approval.													
S2P09LC2	SEC2P09LCO2	1/20/2015 14:01		36.3	32	0.8	30.9	0.02	65	4	-16.8	-49.69	Closed valve 1/2 turn or less,,,,,,,
S2P09LC2	SEC2P09LCO2	1/20/2015 14:01	ADJ	36.3	32	0.8	30.9	0.01	56	4	-16.3	-49.69	
S2P09LC2	SEC2P09LCO2	2/5/2015 14:51		19.7	25.5	0.7	54.1	0.04	64	6	-21.2	-52.68	Closed valve 1/2 turn or less,,,,,,,
S2P09LC2	SEC2P09LCO2	2/5/2015 14:51	ADJ	19.7	25.5	0.7	54.1	0	46	2	-19.6	-52.68	
S2P09LC2	SEC2P09LCO2	3/27/2015 8:40		28.4	29.1	0.8	41.7	0.04	62	6	-17	-53.78	Closed valve 1/2 turn or less,,,,,,,
S2P09LC2	SEC2P09LCO2	3/27/2015 8:40	ADJ	28.4	29.1	0.8	41.7	0.02	47	5	-15.6	-53.78	
S2P09LC2	SEC2P09LCO2	4/27/2015 15:41		29	29	2.1	39.9	0.02	72	5	-14.9	-52.79	Closed valve 1/2 turn or less,,,,,,,
S2P09LC2	SEC2P09LCO2	4/27/2015 15:41	ADJ	29	29	2.1	39.9	0.03	72	6	-13.7	-52.79	
S2P09LC2	SEC2P09LCO2	5/26/2015 9:05		15.4	21.4	4.2	59	0.03	68	5	-0.9	-52.84	Closed valve 1/2 turn or less,,,,,,,
S2P09LC2	SEC2P09LCO2	5/26/2015 9:05	ADJ	15.4	21.4	4.2	59	0.02	67	5	-0.7	-52.84	
S2P09LC2	SEC2P09LCO2	6/29/2015 10:14		29.7	29.2	0.2	40.9	1.29	76	42	-14.8	-47.94	Closed valve 1/2 turn or less,,,,,,,
S2P09LC2	SEC2P09LCO2	6/29/2015 10:14	ADJ	29.7	29.2	0.2	40.9	1.29	77	42	-13.7	-47.94	
S2P09LC2	SEC2P09LCO2	7/28/2015 5:38		29.4	29.9	0.4	40.3	0.07	75	9	-0.1	-47.6	No change,,,,,,,
S2P09LC2	SEC2P09LCO2	7/28/2015 5:38	ADJ	29.4	29.9	0.4	40.3	0.05	72	8	-0.1	-47.6	
S2P09LC2	SEC2P09LCO2	8/21/2015 13:00		19.9	26.7	0.1	53.3	-0.01	74	---	-6.2	-44.77	Closed valve 1/2 turn or less,,,,,,,
S2P09LC2	SEC2P09LCO2	8/21/2015 13:00	ADJ	19.9	26.7	0.1	53.3	0.02	74	5	-4.5	-44.77	
S2P09LC2	SEC2P09LCO2	9/16/2015 10:55		30.6	30.9	0.2	38.3	0.04	80	6	-0.1	-45.82	No change,Valve barely open,,,,,,
S2P09LC2	SEC2P09LCO2	9/16/2015 10:55	ADJ	30.6	30.9	0.2	38.3	0.04	80	6	-0.1	-45.82	
S2P09LC2	SEC2P09LCO2	10/27/2015 10:05		4.5	16.4	3.6	75.5	0.83	54	33	-6.2	-46.31	Closed valve 1/2 turn or less,,,,,,,
S2P09LC2	SEC2P09LCO2	10/27/2015 10:05	ADJ	4.5	16.4	3.6	75.5	0.04	55	7	-3.1	-46.31	
S2P09LC2	SEC2P09LCO2	11/4/2015 16:09		21.2	24.5	2.5	51.8	0.05	71	8	-0.3	-44.18	Closed valve 1/2 turn or less,,,,,,,
S2P09LC2	SEC2P09LCO2	11/4/2015 16:09	ADJ	21.2	24.5	2.5	51.8	0.05	73	8	-0.2	-44.18	
S2P09LC2	SEC2P09LCO2	12/23/2015 13:12		31	27.5	0	41.5	0	57	2	-12.7	-43.89	Closed valve 1/2 turn or less,,,,,,,
S2P09LC2	SEC2P09LCO2	12/23/2015 13:12	ADJ	31	27.5	0	41.5	0.01	54	4	-11.4	-43.89	
S2P10LC1	SEC2P10LCO1	1/20/2015 9:14		56	39.2	0.2	4.6	0.19	77	28	-0.3	-51.57	Opened valve 1/2 turn or less,,,,,,,
S2P10LC1	SEC2P10LCO1	1/20/2015 9:14	ADJ	56	39.2	0.2	4.6	0.64	79	53	-1.2	-51.57	
S2P10LC1	SEC2P10LCO1	2/5/2015 10:38		31.3	28.1	2.5	38.1	0.66	88	52	-1	-51.95	Closed valve 1/2 turn or less,,,,,,,
S2P10LC1	SEC2P10LCO1	2/5/2015 10:38	ADJ	31.3	28.1	2.5	38.1	0.19	87	27	-0.2	-51.95	
S2P10LC1	SEC2P10LCO1	3/27/2015 8:48		35.6	28.4	3.8	32.2	0.16	77	25	-0.3	-53.64	Closed valve 1/2 turn or less,,,,,,,
S2P10LC1	SEC2P10LCO1	3/27/2015 8:48	ADJ	35.6	28.4	3.8	32.2	0.07	77	16	-0.1	-53.64	
S2P10LC1	SEC2P10LCO1	4/27/2015 15:48		39.9	31	2.3	26.8	0.43	84	42	-0.1	-52.91	No change,Valve barely open,,,,,,
S2P10LC1	SEC2P10LCO1	4/27/2015 15:48	ADJ	39.9	31	2.3	26.8	0.43	84	43	-0.1	-52.91	
S2P10LC1	SEC2P10LCO1	5/26/2015 9:22		43.4	31.8	2.2	22.6	0.1	83	20	-0.1	-52.28	No change,Valve barely open,,,,,,
S2P10LC1	SEC2P10LCO1	5/26/2015 9:22	ADJ	43.4	31.8	2.2	22.6	0.18	83	28	-0.1	-52.28	
S2P10LC1	SEC2P10LCO1	6/29/2015 10:20		36.6	28.7	2.7	32	6.57	87	173	-0.1	-49.04	No change,Valve barely open,,,,,,
S2P10LC1	SEC2P10LCO1	6/29/2015 10:20	ADJ	36.6	28.7	2.7	32	1.42	87	79	-0.1	-49.04	
S2P10LC1	SEC2P10LCO1	7/28/2015 8:14		44.4	33.1	1.8	20.7	0.13	83	23	-0.1	-47.56	No change,,,,,,,
S2P10LC1	SEC2P10LCO1	7/28/2015 8:14	ADJ	44.4	33.1	1.8	20.7	0.17	84	27	-0.1	-47.56	
S2P10LC1	SEC2P10LCO1	8/21/2015 13:10		31.8	27.6	2.8	37.8	0.1	84	20	-0.1	-45.46	No change,Valve barely open,,,,,,
S2P10LC1	SEC2P10LCO1	8/21/2015 13:10	ADJ	31.8	27.6	2.8	37.8	0.12	84	22	-0.1	-45.46	
S2P10LC1	SEC2P10LCO1	9/15/2015 11:05		41.6	30.7	2.1	25.6	0.16	88	25	-0.1	-45.47	No change,Valve barely open,,,,,,
S2P10LC1	SEC2P10LCO1	9/15/2015 11:05	ADJ	41.6	30.7	2.1	25.6	0.17	88	26	-0.1	-45.47	
S2P10LC1	SEC2P10LCO1	10/27/2015 10:12		38.6	31	0.3	30.1	0.06	80	15	0	-46.33	No change,Valve barely open,,,,,,
S2P10LC1	SEC2P10LCO1	10/27/2015 10:12	ADJ	38.6	31	0.3	30.1	0.06	80	15	-0.1	-46.33	
S2P10LC1	SEC2P10LCO1	11/4/2015 16:16		45.3	33.1	0	21.6	0.17	84	27	-0.1	-44.24	No change,,,,,,,
S2P10LC1	SEC2P10LCO1	11/4/2015 16:16	ADJ	45.3	33.1	0	21.6	0.21	84	30	-0.1	-44.24	
S2P10LC1	SEC2P10LCO1	12/23/2015 13:19		43.2	32.5	0	24.3	0.05	77	14	-0.1	-43.92	No change,Valve barely open,,,,,,
S2P10LC1	SEC2P10LCO1	12/23/2015 13:19	ADJ	43.2	32.5	0	24.3	0.08	77	18	-0.1	-43.92	
S2P4ALC1	SEC2P4ALCO1	1/20/2015 13:48		60.1	39.1	0.7	0.1	-0.34	46	---	-0.1	-53.69	Opened valve 1/2 turn or less,,,,,,,
S2P4ALC1	SEC2P4ALCO1	1/20/2015 13:48	ADJ	60.1	39.1	0.7	0.1	0.53	56	50	-1	-53.69	
S2P4ALC1	SEC2P4ALCO1	3/27/2015 15:37		52.3	33	3.9	10.8	0.1	53	21	-0.1	-55.55	No change,,,,,,,
S2P4ALC1	SEC2P4ALCO1	3/27/2015 15:37	ADJ	52.3	33	3.9	10.8	0.08	55	18	-0.1	-55.55	
S2P4ALC1	SEC2P4ALCO1	4/27/2015 16:01		47.8	33.2	3.9	15.1	0.21	68	30	-0.1	-56.04	No change,Valve barely open,,,,,,
S2P4ALC1	SEC2P4ALCO1	4/27/2015 16:01	ADJ	47.8	33.2	3.9	15.1	0.18	68	28	-0.1	-56.04	
S2P4ALC1	SEC2P4ALCO1	4/28/2015 8:19		59.4	40.2	0.3	0.1	0.29	63	36	-0.1	-54.63	Opened valve 1/2 turn or less,,,,,,,
S2P4ALC1	SEC2P4ALCO1	4/28/2015 8:19	ADJ	59.4	40.2	0.3	0.1	0.44	62	45	-0.3	-54.63	
S2P4ALC1	SEC2P4ALCO1	5/26/2015 9:50		44.1	31.1	4.8	20	0.2	69	30	-0.1	-55.61	No change,Valve barely open,,,,,,
S2P4ALC1	SEC2P4ALCO1	5/26/2015 9:50	ADJ	44.1	31.1	4.8	20	0.17	69	27	-0.1	-55.61	
S2P4ALC1	SEC2P4ALCO1	6/29/2015 10:42		46.8	33.6	3.8	15.8	1.46	75	81	-0.1	-53.31	No change,Valve barely open,,,,,,
S2P4ALC1	SEC2P4ALCO1	6/29/2015 10:42	ADJ	46.8	33.6	3.8	15.8	1.48	74	82	-0.1	-53.31	
S2P4ALC1	SEC2P4ALCO1	7/28/2015 5:53		53.9	41.4	1.6	3.1	0.22	74	31	-0.3	-51.71	Opened valve 1/2 turn or less,,,,,,,
S2P4ALC1	SEC2P4ALCO1	7/28/2015 5:53	ADJ	53.9	41.4	1.6	3.1	0.29	74	35	-0.4	-51.71	
S2P4ALC1	SEC2P4ALCO1	8/21/2015 13:20		56.5	43.2	0.1	0.2	0.29	74	35	-0.4	-48.41	Opened valve 1/2 turn or less,,,,,,,
S2P4ALC1	SEC2P4ALCO1	8/21/2015 13:20	ADJ	56.5	43.2	0.1	0.2	0.7	74	55	-0.9	-48.41	
S2P4ALC1	SEC2P4ALCO1	9/15/2015 13:29		53.5	37.2	1.8	7.5	0.12	82	22	-0.1	-50.76	No change,,,,,,,
S2P4ALC1	SEC2P4ALCO1	9/15/2015 13:29	ADJ	53.5	37.2	1.8	7.5	0.15	78	25	-0.1	-50.76	
S2P4ALC1	SEC2P4ALCO1	10/27/2015 13:56		59.3	40.6	0	0.1	0.1	70	21	-0.1	-50.31	Opened valve 1/2 turn or less,,,,,,,
S2P4ALC1	SEC2P4ALCO1	10/27/2015 13:56	ADJ	59.3	40.6	0	0.1	0.17	70	27	-0.2	-50.31	
S2P4ALC1	SEC2P4ALCO1	11/4/2015 16:25		48.8	33.3	3.4	14.5	0.22	70	31	-0.1	-48.86	No change,,,,,,,
S2P4ALC1	SEC2P4ALCO1	11/4/2015 16:25	ADJ	48.8	33.3	3.4	14.5	0.21	70	30	-0.1	-48.86	
S2P4ALC1	SEC2P4ALCO1	12/23/2015 13:58		56.9	43	0	0.1	0.15	66	25	-0.1	-48.62	Opened valve 1/2 turn or less,,,,,,,
S2P4ALC1	SEC2P4ALCO1	12/23/2015 13:58	ADJ	56.9	43	0	0.1	0.24	67	32	-0.3	-48.62	
S2P4BLC1	SEC2P4BLCO1	1/20/2015 10:33		52.4	35.2	4.2	8.2	21.07	67	321	0	-55.34	No change,Valve barely open,,,,,,
S2P4BLC1	SEC2P4BLCO1	1/20/2015 10:33	ADJ	52.4	35.2	4.2	8.2	21.08	68	321	0	-55.34	
S2P4BLC1	SEC2P4BLCO1	1/22/2015 13:49		53.2	34.9	3.8	8.1	0.2	66	29	-0.3	-54.33	No change,,,,,,,
S2P4BLC1	SEC2P4BLCO1	1/22/2015 13:49	ADJ	53.2	34.9	3.8	8.1	0.18	67	28	-0.3	-54.33	
S2P4BLC1	SEC2P4BLCO1	2/5/2015 14:23		53.2	35.1	3.8	7.9	0.53	65	49	-0.7	-56.18	Closed valve 1/2 turn or less,,,,,,,
S2P4BLC1	SEC2P4BLCO1	2/5/2015 14:23	ADJ	53.2	35.1	3.8	7.9	0.56	62	51	-0.5	-56.18	
S2P4BLC1	SEC2P4BLCO1	3/27/2015 15:40		59.2	40.4	0.3	0.1	0.15	51	26	-0.1	-55.03	Opened valve 1/2 turn or less,,,,,,,
S2P4BLC1	SEC2P4BLCO1	3/27/2015 15:40	ADJ	59.2	40.4	0.3	0.1	0.34	52	40	-0.4	-55.03	
S2P4BLC1	SEC2P4BLCO1	4/30/2015 8:06		45.9	31.4	4.6	18.1	-0.27	68	---	-0.1	-55.3	No change,Valve barely open,,,,,,
S2P4BLC1	SEC2P4BLCO1	4/30/2015 8:06	ADJ	45.9	31.4	4.6	18.1	-0.28	68	---	-0.1	-55.3	
S2P4BLC1	SEC2P4BLCO1	5/26/2015 9:52		45.5	30.4	4.7	19.4	0.15	71	25	-0.3	-54.65	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P4BLC1	SEC2P4BLCO1	5/26/2015 9:52	ADJ	45.5	30.4	4.7	19.4	0.17	71	27	-0.2	-54.65	

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
S2P4BLC1	SEC2P4BLCO1	6/29/2015 13:57		61	38.9	0	0.1	1.45	80	82	-0.1	-47.85	Opened valve 1/2 turn or less,,,,,,,
S2P4BLC1	SEC2P4BLCO1	6/29/2015 13:57	ADJ	61	38.9	0	0.1	1.58	77	86	-0.3	-47.85	
S2P4BLC1	SEC2P4BLCO1	7/28/2015 6:00		45	32.4	4.5	18.1	0.19	73	28	-0.1	-49.15	No change,,,,,,,
S2P4BLC1	SEC2P4BLCO1	7/28/2015 6:00	ADJ	45	32.4	4.5	18.1	0.22	73	31	-0.1	-49.15	
S2P4BLC1	SEC2P4BLCO1	8/21/2015 13:25		59	39.1	0.4	1.5	0.12	72	22	-0.1	-47.32	Opened valve 1/2 turn or less,,,,,,,
S2P4BLC1	SEC2P4BLCO1	8/21/2015 13:25	ADJ	59	39.1	0.4	1.5	0.22	72	31	-0.2	-47.32	
S2P4BLC1	SEC2P4BLCO1	9/15/2015 13:35		51.2	34.8	2.7	11.3	0.29	76	35	-0.1	-48.48	No change,Valve barely open,,,,,,
S2P4BLC1	SEC2P4BLCO1	9/15/2015 13:35	ADJ	51.2	34.8	2.7	11.3	0.23	76	32	-0.1	-48.48	
S2P4BLC1	SEC2P4BLCO1	10/27/2015 13:59		45.8	32.7	4.6	16.9	0.15	69	25	-0.2	-48.93	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P4BLC1	SEC2P4BLCO1	10/27/2015 13:59	ADJ	45.8	32.7	4.6	16.9	0.19	69	29	-0.1	-48.93	
S2P4BLC1	SEC2P4BLCO1	11/4/2015 17:29		55.6	36.7	1	6.7	0.12	67	23	-0.1	-47.35	Opened valve 1/2 turn or less,,,,,,,
S2P4BLC1	SEC2P4BLCO1	11/4/2015 17:29	ADJ	55.6	36.7	1	6.7	0.2	68	30	-0.1	-47.35	
S2P4BLC1	SEC2P4BLCO1	12/23/2015 14:00		57.6	42.3	0	0.1	0.08	65	19	-0.2	-46.13	Opened valve 1/2 turn or less,,,,,,,
S2P4BLC1	SEC2P4BLCO1	12/23/2015 14:00	ADJ	57.6	42.3	0	0.1	0.45	66	45	-0.4	-46.13	
S2P5LCO1	SEC2P05LCO1	1/20/2015 10:38		14.7	19	10.4	55.9	20.6	36	295	-46.8	-55.3	Closed valve 1/2 turn or less,,,,,,,
S2P5LCO1	SEC2P05LCO1	1/20/2015 10:38	ADJ	14.7	19	10.4	55.9	20.91	34	299	-44.3	-55.3	
S2P5LCO1	SEC2P05LCO1	1/20/2015 10:40		14.1	18.5	10.6	56.8	20.77	32	312	-12.7	-55.3	Closed valve 1/2 turn or less,,,,,,,
S2P5LCO1	SEC2P05LCO1	1/20/2015 10:40	ADJ	14.1	18.5	10.6	56.8	20.75	32	312	-11.8	-55.3	
S2P5LCO1	SEC2P05LCO1	2/5/2015 14:27		46.3	32.3	4.4	17	-6.49	29	---	-4.1	-55.98	Closed valve 1/2 turn or less,,,,,,,
S2P5LCO1	SEC2P05LCO1	2/5/2015 14:27	ADJ	46.3	32.3	4.4	17	-8.37	26	---	-2.7	-55.98	
S2P5LCO1	SEC2P05LCO1	3/27/2015 15:43		60.5	38.8	0.6	0.1	0	50	3	-19.1	-56.03	Opened valve 1/2 turn or less,,,,,,,
S2P5LCO1	SEC2P05LCO1	3/27/2015 15:43	ADJ	60.5	38.8	0.6	0.1	0.03	50	12	-20.2	-56.03	
S2P5LCO1	SEC2P05LCO1	4/27/2015 16:07		16.3	14.6	10.5	58.6	0.04	75	11	-32.8	-55.13	Closed valve 1/2 turn or less,,,,,,,
S2P5LCO1	SEC2P05LCO1	4/27/2015 16:07	ADJ	16.3	14.6	10.5	58.6	0.06	76	14	-30.2	-55.13	
S2P5LCO1	SEC2P05LCO1	4/27/2015 16:09		22.1	19.1	7.8	51	0.02	75	9	-42	-55.1	No change,,,,,,,
S2P5LCO1	SEC2P05LCO1	4/27/2015 16:09	ADJ	22.1	19.1	7.8	51	0.02	75	7	-42.8	-55.1	
S2P5LCO1	SEC2P05LCO1	5/26/2015 9:55		44	29.3	4.8	21.9	0.02	68	9	-0.1	-54.56	No change,Valve barely open,,,,,,
S2P5LCO1	SEC2P05LCO1	5/26/2015 9:55	ADJ	44	29.3	4.8	21.9	0.02	68	9	-0.1	-54.56	
S2P5LCO1	SEC2P05LCO1	6/29/2015 11:02		46.8	31	3.3	18.9	4.85	93	149	-0.6	-51.18	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P5LCO1	SEC2P05LCO1	6/29/2015 11:02	ADJ	46.8	31	3.3	18.9	1.29	79	77	-0.2	-51.18	
S2P5LCO1 was abandoned in accordance with the 07/13/15 approval.													
S2P6LCO1	SEC2P06LCO1	1/20/2015 11:11		0.3	0.4	20.6	78.7	20.94	44	302	-40.8	-58.01	Closed valve 1/2 turn or less,,,,,,,
S2P6LCO1	SEC2P06LCO1	1/20/2015 11:11	ADJ	0.3	0.4	20.6	78.7	20.94	39	303	-40.3	-58.01	
S2P6LCO1	SEC2P06LCO1	1/20/2015 11:13		0.3	0.3	21.2	78.2	20.94	39	304	-38.9	-58.08	No change,,,,,,,
S2P6LCO1	SEC2P06LCO1	1/20/2015 11:13	ADJ	0.3	0.3	21.2	78.2	20.94	39	304	-38.8	-58.08	
S2P6LCO1	SEC2P06LCO1	2/5/2015 14:30		0.4	0.5	21.6	77.5	-0.17	24	---	-47.6	-58.36	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P6LCO1	SEC2P06LCO1	2/5/2015 14:30	ADJ	0.4	0.5	21.6	77.5	-0.16	24	---	-46.3	-58.36	
S2P6LCO1	SEC2P06LCO1	2/5/2015 14:31		0.3	0.6	21.7	77.4	-0.01	0	---	-38.9	-58.36	No change,Valve barely open,,,,,,
S2P6LCO1	SEC2P06LCO1	2/5/2015 14:31	ADJ	0.3	0.6	21.7	77.4	-0.02	0	---	-39.1	-58.36	
S2P6LCO1	SEC2P06LCO1	3/27/2015 15:48		0.7	0.8	20.2	78.3	-0.03	54	---	-39.4	-58.93	Closed valve 1/2 turn or less,,,,,,,
S2P6LCO1	SEC2P06LCO1	3/27/2015 15:48	ADJ	0.7	0.8	20.2	78.3	-0.02	55	---	-51.6	-58.93	
S2P6LCO1	SEC2P06LCO1	3/27/2015 15:49		0.2	0.5	20.5	78.8	-0.01	55	---	-52.8	-58.86	Closed valve 1/2 turn or less,,,,,,,
S2P6LCO1	SEC2P06LCO1	3/27/2015 15:49	ADJ	0.2	0.5	20.5	78.8	-0.02	55	---	-52.5	-58.86	
S2P6LCO1	SEC2P06LCO1	4/27/2015 16:12		0.2	0.3	20.3	79.2	0.07	77	15	-49.7	-58.61	Closed valve 1/2 turn or less,,,,,,,
S2P6LCO1	SEC2P06LCO1	4/27/2015 16:12	ADJ	0.2	0.3	20.3	79.2	0.05	79	12	-47.3	-58.61	
S2P6LCO1	SEC2P06LCO1	4/27/2015 16:13		0.2	0.2	20.4	79.2	0.04	82	12	-50.6	-58.64	No change,,,,,,,
S2P6LCO1	SEC2P06LCO1	4/27/2015 16:13	ADJ	0.2	0.2	20.4	79.2	0.05	82	12	-50.6	-58.64	
S2P6LCO1	SEC2P06LCO1	5/26/2015 9:59		0.3	0.3	19.6	79.8	0.01	66	5	-52.5	-58.06	Closed valve 1/2 turn or less,,,,,,,
S2P6LCO1	SEC2P06LCO1	5/26/2015 9:59	ADJ	0.3	0.3	19.6	79.8	0.01	66	6	-52.1	-58.06	
S2P6LCO1	SEC2P06LCO1	5/26/2015 10:01		0.2	0.1	19.7	80	0.01	65	5	-49.7	-57.95	No change,,,,,,,
S2P6LCO1	SEC2P06LCO1	5/26/2015 10:01	ADJ	0.2	0.1	19.7	80	0.01	65	5	-49.6	-57.95	
S2P6LCO1	SEC2P06LCO1	6/29/2015 12:32		0.2	0.1	21.1	78.6	7.69	87	176	-38.4	-54.35	No change,,,,,,,
S2P6LCO1	SEC2P06LCO1	6/29/2015 12:32	ADJ	0.2	0.1	21.1	78.6	4.2	87	129	-38.3	-54.35	
S2P6LCO1	SEC2P06LCO1	6/29/2015 12:33		0.1	0.1	21.1	78.7	6.16	87	157	-38.4	-54.25	No change,Valve barely open,,,,,,
S2P6LCO1	SEC2P06LCO1	6/29/2015 12:33	ADJ	0.1	0.1	21.1	78.7	4.11	87	128	-38.4	-54.25	
S2P6LCO1 was abandoned in accordance with the 07/13/15 approval.													
S2P7LCO2	SEC2P07LCO2	1/20/2015 11:19		58.6	41.1	0.2	0.1	21.47	71	322	-0.2	-58.89	Opened valve 1/2 turn or less,,,,,,,
S2P7LCO2	SEC2P07LCO2	1/20/2015 11:19	ADJ	58.6	41.1	0.2	0.1	21.54	74	322	-0.4	-58.89	
S2P7LCO2	SEC2P07LCO2	2/5/2015 14:38		57.3	37.7	1.8	3.2	0.1	88	21	-0.1	-59.01	No change,Valve barely open,,,,,,
S2P7LCO2	SEC2P07LCO2	2/5/2015 14:38	ADJ	57.3	37.7	1.8	3.2	0.2	88	29	-0.1	-59.01	
S2P7LCO2	SEC2P07LCO2	3/27/2015 15:54		59.3	39.8	0.7	0.2	0.2	85	29	-0.3	-60.74	Opened valve 1/2 turn or less,,,,,,,
S2P7LCO2	SEC2P07LCO2	3/27/2015 15:54	ADJ	59.3	39.8	0.7	0.2	0.52	86	47	-0.6	-60.74	
S2P7LCO2	SEC2P07LCO2	4/27/2015 16:16		0	0.1	20.6	79.3	0	79	---	-58.3	-58.28	Closed valve 1/2 turn or less,,,,,,,
S2P7LCO2	SEC2P07LCO2	4/27/2015 16:16	ADJ	0	0.1	20.6	79.3	0.01	79	5	-57.9	-58.28	
S2P7LCO2	SEC2P07LCO2	4/27/2015 16:17		0.1	0.1	20.6	79.2	0.02	81	7	-57.2	-58.33	No change,,,,,,,
S2P7LCO2	SEC2P07LCO2	4/27/2015 16:17	ADJ	0.1	0.1	20.6	79.2	0.02	81	7	-54.7	-58.33	
S2P7LCO2	SEC2P07LCO2	5/26/2015 10:06		60.9	38.6	0.3	0.2	0.6	68	53	-0.2	-58.38	Closed valve 1/2 turn or less,,,,,,,
S2P7LCO2	SEC2P07LCO2	5/26/2015 10:06	ADJ	60.9	38.6	0.3	0.2	0.36	77	40	-0.1	-58.38	
S2P7LCO2	SEC2P07LCO2	6/29/2015 12:53		61.5	37.7	0.6	0.2	1.62	89	87	-0.1	-55.65	Opened valve 1/2 turn or less,,,,,,,
S2P7LCO2	SEC2P07LCO2	6/29/2015 12:53	ADJ	61.5	37.7	0.6	0.2	1.71	89	89	-0.2	-55.65	
S2P7LCO2	SEC2P07LCO2	7/28/2015 6:05		51.2	33.9	2.8	12.1	0.52	92	47	-0.8	-54.71	No change,,,,,,,
S2P7LCO2	SEC2P07LCO2	7/28/2015 6:05	ADJ	51.2	33.9	2.8	12.1	0.49	92	46	-0.8	-54.71	
S2P7LCO2	SEC2P07LCO2	8/21/2015 13:28		52.5	34.8	1.9	10.8	0.45	91	44	-0.9	-52.73	No change,,,,,,,
S2P7LCO2	SEC2P07LCO2	8/21/2015 13:28	ADJ	52.5	34.8	1.9	10.8	0.5	91	46	-0.8	-52.73	
S2P7LCO2	SEC2P07LCO2	9/15/2015 12:33		53.6	34.9	1.8	9.7	0.4	91	42	-0.9	-54.04	No change,,,,,,,
S2P7LCO2	SEC2P07LCO2	9/15/2015 12:33	ADJ	53.6	34.9	1.8	9.7	0.35	91	39	-0.9	-54.04	
S2P7LCO2	SEC2P07LCO2	10/27/2015 14:04		61	38.9	0	0.1	0.3	90	36	-0.6	-52.75	Opened valve 1/2 turn or less,,,,,,,
S2P7LCO2	SEC2P07LCO2	10/27/2015 14:04	ADJ	61	38.9	0	0.1	0.3	91	36	-0.8	-52.75	
S2P7LCO2	SEC2P07LCO2	11/4/2015 16:39		52.9	34.8	1.5	10.8	0.29	91	35	-1.5	-51.59	No change,,,,,,,
S2P7LCO2	SEC2P07LCO2	11/4/2015 16:39	ADJ	52.9	34.8	1.5	10.8	0.49	91	46	-1.5	-51.59	
S2P7LCO2	SEC2P07LCO2	12/23/2015 13:54		60	39.9	0	0.1	0.4	88	42	-1.1	-49.27	Opened valve 1/2 turn or less,,,,,,,
S2P7LCO2	SEC2P07LCO2	12/23/2015 13:54	ADJ	60	39.9	0	0.1	0.57	88	50	-1.4	-49.27	
SEC2MH08	SEC2MH08	1/20/2015 10:24		37.5	26.1	10.2	26.2	19.75	36	317	-0.1	-56.02	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	1/20/2015 10:24	ADJ	37.5	26.1	10.2	26.2	19.9	40	316	-0.1	-56.02	
SEC2MH08	SEC2MH08	1/20/2015 10:26		45.2	30.6	6.9	17.3	20.87	37	327	-0.1	-56.15	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	1/20/2015 10:26	ADJ	45.2	30.6	6.9	17.3	20.94	39	327	-0.1	-56.15	
SEC2MH08	SEC2MH08	2/5/2015 14:03		36.5	24.9	10.6	28	-1.59	41	---	-0.1	-55.43	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	2/5/2015 14:03	ADJ	36.5	24.9	10.6	28	-1.61	39	---	-0.1	-55.43	
SEC2MH08	SEC2MH08	2/5/2015 14:05		41.3	28.1	8.8	21.8	-0.88	35	---	-0.1	-55.63	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	2/5/2015 14:05	ADJ	41.3	28.1	8.8	21.8	-0.83	35	---	-0.1	-55.63	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
SEC2MH08	SEC2MH08	3/27/2015 15:31		60	37.4	1.7	0.9	0.13	46	25	-0.1	-56.86	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH08	SEC2MH08	3/27/2015 15:31	ADJ	60	37.4	1.7	0.9	0.06	46	16	-0.1	-56.86	
SEC2MH08	SEC2MH08	4/20/2015 15:00		39.7	27.8	6.3	26.2	0.02	50	10	-0.1	-56.99	No change,,,,,,,
SEC2MH08	SEC2MH08	4/20/2015 15:00	ADJ	39.7	27.8	6.3	26.2	0.07	50	17	-0.1	-56.99	
SEC2MH08	SEC2MH08	4/20/2015 15:02		39.6	27.8	6.2	26.4	0.09	47	20	-0.1	-57.07	No change,,,,,,,
SEC2MH08	SEC2MH08	4/20/2015 15:02	ADJ	39.6	27.8	6.2	26.4	0.01	50	5	-0.1	-57.07	
SEC2MH08 was abandoned in accordance with the 05/06/15 approval.													
SEC2MH09	SEC2MH09	1/20/2015 10:19		16.6	12.2	19.3	51.9	21.11	44	321	-0.1	-55.25	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	1/20/2015 10:19	ADJ	16.6	12.2	19.3	51.9	21.14	43	321	-0.1	-55.25	
SEC2MH09	SEC2MH09	1/20/2015 10:21		16.8	12.4	19.3	51.5	21.06	39	322	0	-55.28	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	1/20/2015 10:21	ADJ	16.8	12.4	19.3	51.5	21.04	41	321	-0.1	-55.28	
SEC2MH09	SEC2MH09	2/5/2015 13:55		32	22.5	12.2	33.3	-0.02	38	---	-0.1	-54.89	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	2/5/2015 13:55	ADJ	32	22.5	12.2	33.3	-0.07	39	---	-0.1	-54.89	
SEC2MH09	SEC2MH09	2/5/2015 13:59		32.4	23	12.2	32.4	0.02	33	8	-0.1	-54.83	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	2/5/2015 13:59	ADJ	32.4	23	12.2	32.4	0.04	36	13	-0.1	-54.83	
SEC2MH09	SEC2MH09	3/27/2015 15:29		56.6	35.3	3.1	5	0.12	46	24	-0.1	-56.41	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH09	SEC2MH09	3/27/2015 15:29	ADJ	56.6	35.3	3.1	5	0.08	47	18	-0.1	-56.41	
SEC2MH09	SEC2MH09	4/20/2015 15:07		40.7	28.4	6.3	24.6	-0.08	52	---	-0.1	-56.54	No change,,,,,,,
SEC2MH09	SEC2MH09	4/20/2015 15:07	ADJ	40.7	28.4	6.3	24.6	0.11	49	22	-0.1	-56.54	
SEC2MH09	SEC2MH09	4/20/2015 15:09		38.1	28	6.5	27.4	0	47	2	-0.1	-56.51	No change,,,,,,,
SEC2MH09	SEC2MH09	4/20/2015 15:09	ADJ	38.1	28	6.5	27.4	-0.03	49	2	-0.1	-56.51	
SEC2MH09 was abandoned in accordance with the 05/06/15 approval.													
SEC2MH10	SEC2MH10	1/20/2015 10:14		24.2	18.2	15.4	42.2	21.12	46	183	-0.1	-54.91	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH10	SEC2MH10	1/20/2015 10:14	ADJ	24.2	18.2	15.4	42.2	21.09	43	184	-0.1	-54.91	
SEC2MH10	SEC2MH10	1/20/2015 10:16		25.5	19.2	14.9	40.4	21.11	39	185	-0.1	-54.97	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH10	SEC2MH10	1/20/2015 10:16	ADJ	25.5	19.2	14.9	40.4	21.06	41	184	-0.1	-54.97	
SEC2MH10	SEC2MH10	2/5/2015 13:46		28.9	21.1	13.4	36.6	0.07	42	9	-0.1	-54.54	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH10	SEC2MH10	2/5/2015 13:46	ADJ	28.9	21.1	13.4	36.6	0.07	40	10	-0.1	-54.54	
SEC2MH10	SEC2MH10	2/5/2015 13:48		34.1	25	10.7	30.2	0	36	2	-0.1	-54.77	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH10	SEC2MH10	2/5/2015 13:48	ADJ	34.1	25	10.7	30.2	0	35	2	-0.1	-54.77	
SEC2MH10	SEC2MH10	3/27/2015 15:25		13.9	9.1	14.8	62.2	0.12	46	13	-0.1	-56.03	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH10	SEC2MH10	3/27/2015 15:25	ADJ	13.9	9.1	14.8	62.2	0.13	46	13	-0.1	-56.03	
SEC2MH10	SEC2MH10	3/27/2015 15:26		35	23.3	9	32.7	0.12	45	13	-0.1	-56.09	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH10	SEC2MH10	3/27/2015 15:26	ADJ	35	23.3	9	32.7	0.12	46	13	-0.1	-56.09	
SEC2MH10	SEC2MH10	4/20/2015 15:11		48.1	35	3.4	13.5	0.24	46	19	-0.1	-56.29	No change,,,,,,,
SEC2MH10	SEC2MH10	4/20/2015 15:11	ADJ	48.1	35	3.4	13.5	0.27	49	20	-0.1	-56.29	
SEC2MH10 was abandoned in accordance with the 05/06/15 approval.													
SEC2MH11	SEC2MH11	1/20/2015 10:08		33.1	24.6	11.2	31.1	21.06	45	322	-0.1	-54.11	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH11	SEC2MH11	1/20/2015 10:08	ADJ	33.1	24.6	11.2	31.1	21.11	44	323	-0.1	-54.11	
SEC2MH11	SEC2MH11	1/20/2015 10:10		33.4	24.5	11.1	31	21.07	43	323	-0.1	-54.22	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH11	SEC2MH11	1/20/2015 10:10	ADJ	33.4	24.5	11.1	31	21.04	45	322	-0.1	-54.22	
SEC2MH11	SEC2MH11	2/5/2015 13:21		41.8	30.1	8	20.1	0.01	41	6	0	-54.25	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH11	SEC2MH11	2/5/2015 13:21	ADJ	41.8	30.1	8	20.1	0.02	39	8	0	-54.25	
SEC2MH11	SEC2MH11	2/5/2015 13:23		41.6	30	8	20.4	0.01	37	7	-0.1	-54.11	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH11	SEC2MH11	2/5/2015 13:23	ADJ	41.6	30	8	20.4	0	37	7	-0.1	-54.11	
SEC2MH11	SEC2MH11	3/27/2015 15:19		16.6	11.5	15.1	56.8	0.12	47	22	-0.1	-56.27	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH11	SEC2MH11	3/27/2015 15:19	ADJ	16.6	11.5	15.1	56.8	0.13	47	23	-0.1	-56.27	
SEC2MH11	SEC2MH11	3/27/2015 15:21		17.4	12	14.8	55.8	0.1	47	20	-0.1	-55.54	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH11	SEC2MH11	3/27/2015 15:21	ADJ	17.4	12	14.8	55.8	0.17	46	27	-0.1	-55.54	
SEC2MH11	SEC2MH11	4/20/2015 15:14		51.9	35.6	3.6	8.9	0.17	42	28	-0.1	-56.54	No change,,,,,,,
SEC2MH11	SEC2MH11	4/20/2015 15:14	ADJ	51.9	35.6	3.6	8.9	0.1	47	21	-0.1	-56.54	
SEC2MH11 was abandoned in accordance with the 05/06/15 approval.													
SEC2MH12	SEC2MH12	1/20/2015 9:59		39.3	28.2	8.6	23.9	20.47	47	318	-0.1	-53.71	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH12	SEC2MH12	1/20/2015 9:59	ADJ	39.3	28.2	8.6	23.9	20.49	46	319	-0.1	-53.71	
SEC2MH12	SEC2MH12	1/20/2015 10:01		40.2	28.8	8.1	22.9	20.66	43	322	-0.1	-53.81	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH12	SEC2MH12	1/20/2015 10:01	ADJ	40.2	28.8	8.1	22.9	20.67	44	321	-0.1	-53.81	
SEC2MH12	SEC2MH12	2/5/2015 13:16		43.8	31.5	7.3	17.4	-0.36	43	---	-0.1	-53.57	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH12	SEC2MH12	2/5/2015 13:16	ADJ	43.8	31.5	7.3	17.4	-0.36	42	---	-0.1	-53.57	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
SEC2MH12	SEC2MH12	2/5/2015 13:18		44.2	31.7	7.1	17	-0.34	44	---	-0.1	-53.68	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH12	SEC2MH12	2/5/2015 13:18	ADJ	44.2	31.7	7.1	17	-0.34	43	---	-0.1	-53.68	
SEC2MH12	SEC2MH12	3/27/2015 15:12		32.6	23.5	9.3	34.6	0.09	47	20	0	-55.01	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH12	SEC2MH12	3/27/2015 15:12	ADJ	32.6	23.5	9.3	34.6	0.04	46	14	0	-55.01	
SEC2MH12	SEC2MH12	3/27/2015 15:14		32.4	23.2	9.4	35	0.09	48	20	-0.1	-55.14	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH12	SEC2MH12	3/27/2015 15:14	ADJ	32.4	23.2	9.4	35	0.11	45	22	-0.1	-55.14	
SEC2MH12	SEC2MH12	4/20/2015 15:16		56.4	37.8	2.7	3.1	0.06	43	16	-0.1	-55.41	No change,,,,,,,
SEC2MH12	SEC2MH12	4/20/2015 15:16	ADJ	56.4	37.8	2.7	3.1	0.07	48	17	-0.1	-55.41	
SEC2MH12 was abandoned in accordance with the 05/06/15 approval.													
SEC2MH13	SEC2MH13	1/20/2015 9:52		42.6	30.1	7	20.3	1.99	41	98	-0.1	-53.42	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH13	SEC2MH13	1/20/2015 9:52	ADJ	42.6	30.1	7	20.3	2.74	42	115	-0.1	-53.42	
SEC2MH13	SEC2MH13	1/20/2015 9:54		42.5	30.1	7.1	20.3	20.68	40	323	-0.1	-53.47	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH13	SEC2MH13	1/20/2015 9:54	ADJ	42.5	30.1	7.1	20.3	20.65	42	323	-0.1	-53.47	
SEC2MH13	SEC2MH13	2/5/2015 13:10		43.7	31.4	7.2	17.7	0.02	33	10	0	-14.26	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH13	SEC2MH13	2/5/2015 13:10	ADJ	43.7	31.4	7.2	17.7	0.2	33	30	-0.1	-14.26	
SEC2MH13	SEC2MH13	2/5/2015 13:12		44.5	31.8	6.8	16.9	0.01	33	6	0	-37.01	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH13	SEC2MH13	2/5/2015 13:12	ADJ	44.5	31.8	6.8	16.9	0.03	33	12	0	-37.01	
SEC2MH13	SEC2MH13	2/11/2015 10:42		48	33.9	4.8	13.3	0.05	37	15	-0.4	-53.6	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH13	SEC2MH13	2/11/2015 10:42	ADJ	48	33.9	4.8	13.3	0.08	38	18	-0.2	-53.6	
SEC2MH13	SEC2MH13	3/27/2015 15:06		40.6	28.6	6.6	24.2	0.1	47	21	-0.1	-54.43	No change,,,,,,,
SEC2MH13	SEC2MH13	3/27/2015 15:06	ADJ	40.6	28.6	6.6	24.2	0.08	47	19	-0.1	-54.43	
SEC2MH13	SEC2MH13	3/27/2015 15:08		37.7	26.8	7.5	28	0.04	47	13	-0.1	-54.52	Per WDNR approval on 2/20/2014 valve was opened slightly to get reading and then closed due to poor gas quality
SEC2MH13	SEC2MH13	3/27/2015 15:08	ADJ	37.7	26.8	7.5	28	0.09	47	20	-0.1	-54.52	
SEC2MH13	SEC2MH13	4/20/2015 15:19		47.8	34.3	4.1	13.8	0.02	52	8	-0.1	-55.22	No change,,,,,,,
SEC2MH13	SEC2MH13	4/20/2015 15:19	ADJ	47.8	34.3	4.1	13.8	-0.11	53	8	-0.1	-55.22	
SEC2MH13 was abandoned in accordance with the 05/06/15 approval.													
SEC2MH17	SEC2MH17	1/20/2015 8:57		53.9	39.9	2	4.2	-0.39	42	---	-2	-52.89	No change,,,,,,,
SEC2MH17	SEC2MH17	1/20/2015 8:57	ADJ	53.9	39.9	2	4.2	-0.43	42	---	-2	-52.89	
SEC2MH17	SEC2MH17	2/5/2015 10:18		50.4	37.5	2.5	9.6	-0.25	39	---	-1.1	-50.01	Closed valve 1/2 turn or less,,,,,,,
SEC2MH17	SEC2MH17	2/5/2015 10:18	ADJ	50.4	37.5	2.5	9.6	-0.39	39	---	-0.9	-50.01	
SEC2MH17	SEC2MH17	3/27/2015 8:27		58.2	41	0.7	0.1	0.02	38	9	-0.2	-53.82	Opened valve 1/2 turn or less,,,,,,,
SEC2MH17	SEC2MH17	3/27/2015 8:27	ADJ	58.2	41	0.7	0.1	-0.21	37	9	-0.4	-53.82	
SEC2MH17	SEC2MH17	4/20/2015 13:38		52.6	39.2	1.5	6.7	0.06	45	16	-2.6	-53.54	No change,,,,,,,
SEC2MH17	SEC2MH17	4/20/2015 13:38	ADJ	52.6	39.2	1.5	6.7	0.06	44	16	-2.7	-53.54	
SEC2MH17	SEC2MH17	5/26/2015 8:54		53.2	39.1	1	6.7	0.07	52	17	-3.5	-53.1	No change,,,,,,,
SEC2MH17	SEC2MH17	5/26/2015 8:54	ADJ	53.2	39.1	1	6.7	0.07	52	17	-3.5	-53.1	
SEC2MH17	SEC2MH17	6/29/2015 9:20		53.3	39.2	0.2	7.3	10.35	62	223	-2	-48.05	Opened valve 1/2 turn or less,,,,,,,
SEC2MH17	SEC2MH17	6/29/2015 9:20	ADJ	53.3	39.2	0.2	7.3	1.16	59	73	-2.4	-48.05	
SEC2MH17	SEC2MH17	7/28/2015 5:11		50	38.6	0.4	11	0.17	63	27	-5.4	-47.11	No change,,,,,,,
SEC2MH17	SEC2MH17	7/28/2015 5:11	ADJ	50	38.6	0.4	11	0.12	62	23	-5.4	-47.11	
SEC2MH17	SEC2MH17	8/21/2015 11:27		51.6	38.9	0	9.5	0.1	64	21	-5	-44.41	No change,,,,,,,
SEC2MH17	SEC2MH17	8/21/2015 11:27	ADJ	51.6	38.9	0	9.5	0.13	63	23	-5	-44.41	
SEC2MH17	SEC2MH17	9/15/2015 10:50		49.5	37.6	0	12.9	0.15	65	25	-5.8	-45.45	Closed valve 1/2 turn or less,,,,,,,
SEC2MH17	SEC2MH17	9/15/2015 10:50	ADJ	49.5	37.6	0	12.9	0.11	64	22	-5.7	-45.45	
SEC2MH17	SEC2MH17	10/27/2015 9:56		54.5	40.3	0	5.2	0.06	56	16	-3.5	-45.97	Opened valve 1/2 turn or less,,,,,,,
SEC2MH17	SEC2MH17	10/27/2015 9:56	ADJ	54.5	40.3	0	5.2	0.13	56	23	-4	-45.97	
SEC2MH17	SEC2MH17	11/4/2015 15:56		50	37.9	0	12.1	0.15	60	25	-9.1	-44.16	No change,,,,,,,
SEC2MH17	SEC2MH17	11/4/2015 15:56	ADJ	50	37.9	0	12.1	0.21	59	30	-9.1	-44.16	
SEC2MH17	SEC2MH17	12/23/2015 13:02		45.7	36.5	0	17.8	0.43	51	44	-8.8	-43.87	Closed valve 1/2 turn or less,,,,,,,
SEC2MH17	SEC2MH17	12/23/2015 13:02	ADJ	45.7	36.5	0	17.8	0.31	50	36	-8.2	-43.87	
SEC2MH18	SEC2MH18	1/20/2015 8:54		52.9	38.6	0.7	7.8	-0.01	38	---	-1	-50.32	No change,,,,,,,
SEC2MH18	SEC2MH18	1/20/2015 8:54	ADJ	52.9	38.6	0.7	7.8	-0.01	37	---	-1	-50.32	
SEC2MH18	SEC2MH18	2/5/2015 10:14		57.4	38.9	1	2.7	5.85	27	173	-6.2	-46.28	Opened valve 1/2 turn or less,,,,,,,
SEC2MH18	SEC2MH18	2/5/2015 10:14	ADJ	57.4	38.9	1	2.7	7.68	26	199	-8	-46.28	
SEC2MH18	SEC2MH18	3/27/2015 8:23		50.3	36.6	1.3	11.8	0.01	39	6	-0.3	-53.97	No change,,,,,,,
SEC2MH18	SEC2MH18	3/27/2015 8:23	ADJ	50.3	36.6	1.3	11.8	0	37	4	-0.3	-53.97	
SEC2MH18	SEC2MH18	4/20/2015 13:33		41	31.1	3.7	24.2	-1.6	42	---	-1.9	-53.99	No change,,,,,,,
SEC2MH18	SEC2MH18	4/20/2015 13:33	ADJ	41	31.1	3.7	24.2	-1.77	42	---	-1.9	-53.99	
SEC2MH18	SEC2MH18	5/26/2015 8:51		37	28.7	4.2	30.1	0.04	53	13	-2.8	-53.24	Closed valve 1/2 turn or less,,,,,,,
SEC2MH18	SEC2MH18	5/26/2015 8:51	ADJ	37	28.7	4.2	30.1	0.02	53	10	-2.5	-53.24	
SEC2MH18	SEC2MH18	6/29/2015 9:15		49.2	35.8	1.4	13.6	9.46	66	213	-0.9	-48.33	No change,,,,,,,
SEC2MH18	SEC2MH18	6/29/2015 9:15	ADJ	49.2	35.8	1.4	13.6	4.9	65	152	-1	-48.33	
SEC2MH18	SEC2MH18	7/28/2015 5:07		46.7	34.5	1.7	17.1	0.06	69	15	-2.2	-47.32	Closed valve 1/2 turn or less,,,,,,,
SEC2MH18	SEC2MH18	7/28/2015 5:07	ADJ	46.7	34.5	1.7	17.1	0.31	69	37	-2.1	-47.32	
SEC2MH18	SEC2MH18	8/21/2015 11:25		47.9	34.9	0.7	16.5	0.04	68	13	-2.8	-44.61	Closed valve 1/2 turn or less,,,,,,,
SEC2MH18	SEC2MH18	8/21/2015 11:25	ADJ	47.9	34.9	0.7	16.5	0.04	69	12	-2.6	-44.61	
SEC2MH18	SEC2MH18	9/15/2015 10:47		38.7	29.6	3.7	28	0.07	72	16	-2.6	-45.55	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC2MH18	SEC2MH18	9/15/2015 10:47	ADJ	38.7	29.6	3.7	28	0.05	72	14	-2.3	-45.55	
SEC2MH18	SEC2MH18	10/27/2015 9:53		52	37	0.1	10.9	0	53	---	-2.1	-46.69	No change,,,,,,,
SEC2MH18	SEC2MH18	10/27/2015 9:53	ADJ	52	37	0.1	10.9	0.02	53	8	-2.1	-46.69	
SEC2MH18	SEC2MH18	11/4/2015 15:47		36.7	29.1	3.4	30.8	0.18	57	28	-7.7	-44.62	Closed valve 1/2 turn or less,,,,,,,
SEC2MH18	SEC2MH18	11/4/2015 15:47	ADJ	36.7	29.1	3.4	30.8	0.09	57	19	-6.7	-44.62	
SEC2MH18	SEC2MH18	12/23/2015 13:00		39.7	31	2.7	26.6	0.1	47	21	-7.6	-43.58	Closed valve 1/2 turn or less,,,,,,,
SEC2MH18	SEC2MH18	12/23/2015 13:00	ADJ	39.7	31	2.7	26.6	0.02	47	10	-6.9	-43.58	
Supplemental Points Located in Active Areas with Waste < 5 Yrs. - Exempt from NSPS Standards													
S2P11LC1	SEC2P11LCO1	1/19/2015 13:47		1.7	3.4	19.8	75.1	-0.02	40	---	-52.8	-53.57	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC1	SEC2P11LCO1	1/19/2015 13:47	ADJ	1.7	3.4	19.8	75.1	-0.03	40	---	-52.7	-53.57	
S2P11LC1	SEC2P11LCO1	1/19/2015 13:48		1.4	3.2	20.5	74.9	-0.03	38	---	-50.4	-53.59	No change,,,,,,,
S2P11LC1	SEC2P11LCO1	1/19/2015 13:48	ADJ	1.4	3.2	20.5	74.9	-0.02	38	---	-50.2	-53.59	
S2P11LC1	SEC2P11LCO1	2/3/2015 14:38		1.8	3.6	19.6	75	-0.08	46	---	-24.4	-49.63	Closed valve 1/2 turn or less,,,,,,,
S2P11LC1	SEC2P11LCO1	2/3/2015 14:38	ADJ	1.8	3.6	19.6	75	-0.07	44	---	-24.2	-49.63	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
S2P11LC1	SEC2P11LCO1	2/3/2015 14:39		1.4	3.3	20	75.3	-0.07	38	---	-22.9	-49.66	No change,,,,,,,
S2P11LC1	SEC2P11LCO1	2/3/2015 14:39	ADJ	1.4	3.3	20	75.3	-0.07	37	---	-22.8	-49.66	
S2P11LC1	SEC2P11LCO1	3/23/2015 9:23		1.9	3.1	19.8	75.2	-0.01	49	---	-40.8	-53.96	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC1	SEC2P11LCO1	3/23/2015 9:23	ADJ	1.9	3.1	19.8	75.2	-0.01	48	---	-40.4	-53.96	
S2P11LC1	SEC2P11LCO1	3/23/2015 9:24		1.1	1.9	20.2	76.8	-0.02	44	---	-38.1	-53.94	No change,,,,,,,
S2P11LC1	SEC2P11LCO1	3/23/2015 9:24	ADJ	1.1	1.9	20.2	76.8	-0.02	43	---	-37.9	-53.94	
S2P11LC1	SEC2P11LCO1	4/27/2015 15:03		0.6	0.6	20.1	78.7	0.03	79	9	-46.9	-53.23	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC1	SEC2P11LCO1	4/27/2015 15:03	ADJ	0.6	0.6	20.1	78.7	0.01	79	6	-46.2	-53.23	
S2P11LC1	SEC2P11LCO1	4/27/2015 15:04		0.4	0.4	20.3	78.9	0.01	79	6	-46.4	-53.23	No change,Valve barely open,,,,,,
S2P11LC1	SEC2P11LCO1	4/27/2015 15:04	ADJ	0.4	0.4	20.3	78.9	0.01	79	6	-44.3	-53.23	
S2P11LC1	SEC2P11LCO1	5/26/2015 8:25		1	2.4	18.4	78.2	0.03	74	10	-50.6	-53.46	No change,Valve barely open,,,,,,
S2P11LC1	SEC2P11LCO1	5/26/2015 8:25	ADJ	1	2.4	18.4	78.2	0.02	72	8	-49.9	-53.46	
S2P11LC1	SEC2P11LCO1	5/26/2015 8:26		0.4	0.8	18.9	79.9	0.02	70	7	-46.6	-53.42	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC1	SEC2P11LCO1	5/26/2015 8:26	ADJ	0.4	0.8	18.9	79.9	0.02	69	7	-46.4	-53.42	
S2P11LC1	SEC2P11LCO1	6/27/2015 10:56		1.2	2.4	18.8	77.6	3.38	103	120	-0.6	-48.95	No change,Valve barely open,,,,,,
S2P11LC1	SEC2P11LCO1	6/27/2015 10:56	ADJ	1.2	2.4	18.8	77.6	3.38	99	120	-0.5	-48.95	
S2P11LC1 was abandoned in accordance with the 07/13/15 approval.													
S2P11LC2	S2P11LC2	1/19/2015 13:33		0.2	0.2	21.5	78.1	-0.05	37	---	-53.3	-53.7	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC2	S2P11LC2	1/19/2015 13:33	ADJ	0.2	0.2	21.5	78.1	-0.04	37	---	-53.6	-53.7	
S2P11LC2	S2P11LC2	1/19/2015 13:35		0.3	0.4	21.5	77.8	-0.04	35	---	-53.6	-53.66	No change,Valve barely open,,,,,,
S2P11LC2	S2P11LC2	1/19/2015 13:35	ADJ	0.3	0.4	21.5	77.8	-0.04	35	---	-53.6	-53.66	
S2P11LC2	S2P11LC2	2/3/2015 14:26		0.2	0.5	21.6	77.7	-0.07	30	---	-49.5	-49.58	Closed valve 1/2 turn or less,,,,,,,
S2P11LC2	S2P11LC2	2/3/2015 14:26	ADJ	0.2	0.5	21.6	77.7	-0.08	29	---	-49.5	-49.58	
S2P11LC2	S2P11LC2	2/3/2015 14:27		0.2	0.4	21.6	77.8	-0.09	28	---	-49.6	-49.61	No change,,,,,,,
S2P11LC2	S2P11LC2	2/3/2015 14:27	ADJ	0.2	0.4	21.6	77.8	-0.08	27	---	-49.6	-49.61	
S2P11LC2	S2P11LC2	3/23/2015 9:14		0.3	0.3	20.9	78.5	-0.02	35	---	-52.6	-53.68	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC2	S2P11LC2	3/23/2015 9:14	ADJ	0.3	0.3	20.9	78.5	-0.01	35	---	-52.4	-53.68	
S2P11LC2	S2P11LC2	3/23/2015 9:15		1	0.5	20.7	77.8	-0.02	33	---	-53.4	-53.66	No change,Valve barely open,,,,,,
S2P11LC2	S2P11LC2	3/23/2015 9:15	ADJ	1	0.5	20.7	77.8	-0.02	32	---	-53.5	-53.66	
S2P11LC2	S2P11LC2	4/27/2015 14:54		1.2	0.5	20.1	78.2	0	77	1	-54.6	-53.44	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC2	S2P11LC2	4/27/2015 14:54	ADJ	1.2	0.5	20.1	78.2	0	76	3	-52.9	-53.44	
S2P11LC2	S2P11LC2	4/27/2015 14:55		0.5	0.2	20.4	78.9	0	74	1	-53.3	-53.38	No change,Valve barely open,,,,,,
S2P11LC2	S2P11LC2	4/27/2015 14:55	ADJ	0.5	0.2	20.4	78.9	0.02	73	7	-53.3	-53.38	
S2P11LC2	S2P11LC2	5/26/2015 8:17		0.3	0.3	19.4	80	0.02	65	8	-53.4	-53.66	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC2	S2P11LC2	5/26/2015 8:17	ADJ	0.3	0.3	19.4	80	0.02	65	7	-53.2	-53.66	
S2P11LC2	S2P11LC2	5/26/2015 8:18		1.4	0.9	19.2	78.5	0.02	65	7	-53.2	-53.69	No change,Valve barely open,,,,,,
S2P11LC2	S2P11LC2	5/26/2015 8:18	ADJ	1.4	0.9	19.2	78.5	0.01	65	6	-53.2	-53.69	
S2P11LC2	S2P11LC2	6/27/2015 10:46		0.2	0.1	20.4	79.3	7.01	90	165	-48.4	-48.54	No change,Valve barely open,,,,,,
S2P11LC2	S2P11LC2	6/27/2015 10:46	ADJ	0.2	0.1	20.4	79.3	5.33	90	144	-48.4	-48.54	
S2P11LC2	S2P11LC2	6/27/2015 10:47		0.2	0.1	20.4	79.3	7.5	90	171	-48.4	-48.57	No change,Valve barely open,,,,,,
S2P11LC2	S2P11LC2	6/27/2015 10:47	ADJ	0.2	0.1	20.4	79.3	5.06	90	140	-48.4	-48.57	
S2P11LC2 was abandoned in accordance with the 07/13/15 approval.													
S2P11LC3	S2P11LC3	1/19/2015 13:28		0.3	0.2	21.4	78.1	-0.03	35	---	-53.6	-53.61	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC3	S2P11LC3	1/19/2015 13:28	ADJ	0.3	0.2	21.4	78.1	-0.03	35	---	-53.3	-53.61	
S2P11LC3	S2P11LC3	1/19/2015 13:29		0.3	0.4	21.4	77.9	-0.03	34	---	-52.8	-53.65	No change,Valve barely open,,,,,,
S2P11LC3	S2P11LC3	1/19/2015 13:29	ADJ	0.3	0.4	21.4	77.9	-0.03	34	---	-52.8	-53.65	
S2P11LC3	S2P11LC3	2/3/2015 14:21		0.2	0.2	21.5	78.1	-0.05	27	---	-49.6	-49.65	Closed valve 1/2 turn or less,,,,,,,
S2P11LC3	S2P11LC3	2/3/2015 14:21	ADJ	0.2	0.2	21.5	78.1	-0.06	27	---	-49.5	-49.65	
S2P11LC3	S2P11LC3	2/3/2015 14:23		0.3	0.3	21.4	78	-0.07	27	---	-49.1	-49.69	No change,,,,,,,
S2P11LC3	S2P11LC3	2/3/2015 14:23	ADJ	0.3	0.3	21.4	78	-0.07	26	---	-49.1	-49.69	
S2P11LC3	S2P11LC3	3/23/2015 9:10		0.1	0.1	20.5	79.3	0	37	---	-50.6	-53.79	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC3	S2P11LC3	3/23/2015 9:10	ADJ	0.1	0.1	20.5	79.3	-0.01	36	---	-50.6	-53.79	
S2P11LC3	S2P11LC3	3/23/2015 9:11		0.2	0.3	20.6	78.9	0	35	---	-51	-53.72	No change,Valve barely open,,,,,,
S2P11LC3	S2P11LC3	3/23/2015 9:11	ADJ	0.2	0.3	20.6	78.9	0	34	---	-51	-53.72	
S2P11LC3	S2P11LC3	4/27/2015 14:50		0.1	0.2	20.4	79.3	0.02	72	8	-53.4	-53.4	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC3	S2P11LC3	4/27/2015 14:50	ADJ	0.1	0.2	20.4	79.3	0.02	72	7	-53.2	-53.4	
S2P11LC3	S2P11LC3	4/27/2015 14:51		0.1	0	20.5	79.4	0.02	72	7	-52.7	-53.4	No change,Valve barely open,,,,,,
S2P11LC3	S2P11LC3	4/27/2015 14:51	ADJ	0.1	0	20.5	79.4	0.02	72	8	-52.7	-53.4	
S2P11LC3	S2P11LC3	5/23/2015 8:58		0.1	0.1	19.8	80	0.05	73	13	-48.7	-54.01	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC3	S2P11LC3	5/23/2015 8:58	ADJ	0.1	0.1	19.8	80	0.05	74	13	-48.7	-54.01	
S2P11LC3	S2P11LC3	5/23/2015 9:00		0.1	0.1	19.8	80	0.04	74	12	-48.6	-53.96	Closed valve 1/2 turn or less,Valve completely closed,,,,,,
S2P11LC3	S2P11LC3	5/23/2015 9:00	ADJ	0.1	0.1	19.8	80	0.04	74	12	-48.6	-53.96	
S2P11LC3	S2P11LC3	6/27/2015 10:37		0.1	0.1	20.4	79.4	6.84	88	164	-45.8	-48.54	No change,,,,,,,
S2P11LC3	S2P11LC3	6/27/2015 10:37	ADJ	0.1	0.1	20.4	79.4	5.11	88	141	-45.7	-48.54	
S2P11LC3	S2P11LC3	6/27/2015 10:38		0.2	0.1	20.4	79.3	10.04	89	199	-46.3	-48.56	No change,Valve barely open,,,,,,
S2P11LC3	S2P11LC3	6/27/2015 10:38	ADJ	0.2	0.1	20.4	79.3	-2.83	89	199	-46.3	-48.56	
S2P11LC3 was abandoned in accordance with the 07/13/15 approval.													
S2P11LC4	S2P11LC4	1/19/2015 13:24		6.9	4.8	19.4	68.9	0.02	37	9	-44.4	-53.59	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC4	S2P11LC4	1/19/2015 13:24	ADJ	6.9	4.8	19.4	68.9	0	37	9	-43	-53.59	
S2P11LC4	S2P11LC4	1/19/2015 13:25		6.1	4.2	19.2	70.5	-0.01	36	---	-40.8	-53.58	No change,Valve barely open,,,,,,
S2P11LC4	S2P11LC4	1/19/2015 13:25	ADJ	6.1	4.2	19.2	70.5	-0.02	36	---	-40.7	-53.58	
S2P11LC4	S2P11LC4	2/3/2015 14:18		1	1.3	20.6	77.1	-0.05	33	---	-49.7	-49.75	Closed valve 1/2 turn or less,,,,,,,
S2P11LC4	S2P11LC4	2/3/2015 14:18	ADJ	1	1.3	20.6	77.1	-0.06	32	---	-49.6	-49.75	
S2P11LC4	S2P11LC4	2/3/2015 14:20		0.5	0.8	21.2	77.5	-0.06	30	---	-45.2	-49.69	No change,,,,,,,
S2P11LC4	S2P11LC4	2/3/2015 14:20	ADJ	0.5	0.8	21.2	77.5	-0.07	30	---	-45	-49.69	
S2P11LC4	S2P11LC4	3/23/2015 9:07		0.6	1	19.8	78.6	0.03	50	10	-0.2	-53.7	No change,,,,,,,
S2P11LC4	S2P11LC4	3/23/2015 9:07	ADJ	0.6	1	19.8	78.6	0.02	48	9	-0.2	-53.7	
S2P11LC4	S2P11LC4	3/23/2015 9:09		0.4	0.9	20.1	78.6	0.02	43	8	-0.2	-53.73	No change,Valve barely open,,,,,,
S2P11LC4	S2P11LC4	3/23/2015 9:09	ADJ	0.4	0.9	20.1	78.6	0.02	41	8	-0.2	-53.73	
S2P11LC4	S2P11LC4	4/27/2015 14:46		1.1	2.3	18.8	77.8	0.02	73	8	-53.1	-53.49	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P11LC4	S2P11LC4	4/27/2015 14:46	ADJ	1.1	2.3	18.8	77.8	0.02	75	7	-52.8	-53.49	
S2P11LC4	S2P11LC4	4/27/2015 14:47		0.9	1.8	19.2	78.1	0.02	76	7	-51.7	-53.53	No change,Valve barely open,,,,,,
S2P11LC4	S2P11LC4	4/27/2015 14:47	ADJ	0.9	1.8	19.2	78.1	0.02	76	8	-51.7	-53.53	
S2P11LC4	S2P11LC4	5/23/2015 8:55		1.2	5.2	17.2	76.4	0.06	73	14	-17.4	-54.02	Closed valve 1/2 turn or less,,,,,,,
S2P11LC4	S2P11LC4	5/23/2015 8:55	ADJ	1.2	5.2	17.2	76.4	0.06	73	14	-17.3	-54.02	
S2P11LC4	S2P11LC4	5/23/2015 8:56		0.7	3.2	18.2	77.9	0.06	73	14	-16.1	-53.94	Closed valve 1/2 turn or less,Valve completely closed,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Comments
S2P11LC4	S2P11LC4	5/23/2015 8:56	ADJ	0.7	3.2	18.2	77.9	0.06	73	15	-16	-53.94	
S2P11LC4	S2P11LC4	6/27/2015 10:33		1.4	5.9	16.9	75.8	3.38	88	120	-1.9	-48.55	Closed valve 1/2 turn or less,,,,,,,
S2P11LC4	S2P11LC4	6/27/2015 10:33	ADJ	1.4	5.9	16.9	75.8	3.38	87	120	-1.7	-48.55	
S2P11LC4	S2P11LC4	6/27/2015 10:35		0.2	0.4	20.3	79.1	11.53	88	226	-1.7	-48.59	No change,,,,,,,
S2P11LC4	S2P11LC4	6/27/2015 10:35	ADJ	0.2	0.4	20.3	79.1	7.03	89	176	-1.7	-48.59	
S2P11LC4 was abandoned in accordance with the 07/13/15 approval.													
S2P11OC1	SEC2P11OC1	1/19/2015 13:41		65.6	33	1.2	0.2	-0.04	41	---	-53.6	-53.61	No change,Valve fully open,,,,,,
S2P11OC1	SEC2P11OC1	1/19/2015 13:41	ADJ	65.6	33	1.2	0.2	-0.04	41	---	-53.6	-53.61	
S2P11OC1	SEC2P11OC1	2/3/2015 14:33		65.5	33.5	0.9	0.1	-0.11	34	---	-49.6	-49.62	No change,Valve fully open,,,,,,
S2P11OC1	SEC2P11OC1	2/3/2015 14:33	ADJ	65.5	33.5	0.9	0.1	-0.12	34	---	-49.6	-49.62	
S2P11OC1	SEC2P11OC1	3/23/2015 9:18		66	32.9	0.9	0.2	-0.02	42	---	-53.7	-53.73	No change,Valve fully open,,,,,,
S2P11OC1	SEC2P11OC1	3/23/2015 9:18	ADJ	66	32.9	0.9	0.2	-0.04	42	---	-53.7	-53.73	
S2P11OC1	SEC2P11OC1	4/27/2015 14:59		66.6	32.8	0.5	0.1	0.02	78	8	-53.5	-53.49	No change,Valve fully open,,,,,,
S2P11OC1	SEC2P11OC1	4/27/2015 14:59	ADJ	66.6	32.8	0.5	0.1	0.02	79	9	-53.4	-53.49	
S2P11OC1	SEC2P11OC1	5/26/2015 8:21		65.1	34.4	0.4	0.1	-0.05	71	---	-53.7	-53.67	No change,Valve fully open,,,,,,
S2P11OC1	SEC2P11OC1	5/26/2015 8:21	ADJ	65.1	34.4	0.4	0.1	0	71	---	-53.7	-53.67	
S2P11OC1	SEC2P11OC1	6/27/2015 10:52		65.8	33.6	0.5	0.1	7.85	93	186	-48.5	-48.59	No change,,,,,,,
S2P11OC1	SEC2P11OC1	6/27/2015 10:52	ADJ	65.8	33.6	0.5	0.1	4.75	92	144	-48.6	-48.59	
S2P11OC1 was abandoned in accordance with the 07/13/15 approval.													
S2P11OC2	SEC2P11OC2	1/19/2015 13:43		52.8	37.9	1.8	7.5	2.01	112	91	-10	-55.23	No change,,,,,,,
S2P11OC2	SEC2P11OC2	1/19/2015 13:43	ADJ	52.8	37.9	1.8	7.5	2.12	112	94	-10.1	-55.23	
S2P11OC2	SEC2P11OC2	2/3/2015 14:36		52	38.3	1.6	8.1	1.59	113	81	-9.9	-51.17	No change,,,,,,,
S2P11OC2	SEC2P11OC2	2/3/2015 14:36	ADJ	52	38.3	1.6	8.1	1.72	113	84	-9.9	-51.17	
S2P11OC2	SEC2P11OC2	3/23/2015 9:21		54.9	39.2	1.1	4.8	1.29	114	73	-7.9	-54.94	Closed valve 1/2 turn or less,,,,,,,
S2P11OC2	SEC2P11OC2	3/23/2015 9:21	ADJ	54.9	39.2	1.1	4.8	0.9	114	60	-7.2	-54.94	
S2P11OC2	SEC2P11OC2	4/27/2015 15:01		56	40.2	0.6	3.2	1.01	114	64	-6.4	-54.69	Opened valve 1/2 turn or less,,,,,,,
S2P11OC2	SEC2P11OC2	4/27/2015 15:01	ADJ	56	40.2	0.6	3.2	1.12	114	68	-7.1	-54.69	
S2P11OC2	SEC2P11OC2	5/26/2015 8:23		54.8	39.4	0.9	4.9	1.12	115	68	-8.3	-54.82	Opened valve 1/2 turn or less,,,,,,,
S2P11OC2	SEC2P11OC2	5/26/2015 8:23	ADJ	54.8	39.4	0.9	4.9	1.86	116	87	-9.1	-54.82	
S2P11OC2	SEC2P11OC2	6/27/2015 10:54		49.2	35.6	1.3	13.9	11.66	117	227	-9.5	-49.07	Closed valve 1/2 turn or less,,,,,,,
S2P11OC2	SEC2P11OC2	6/27/2015 10:54	ADJ	49.2	35.6	1.3	13.9	4.42	117	139	-8.2	-49.07	
S2P11OC2	SEC2P11OC2	7/27/2015 13:50		58	40.3	0.2	1.5	0.96	113	63	-6.8	-50.26	Opened valve 1/2 turn or less,,,,,,,
S2P11OC2	SEC2P11OC2	7/27/2015 13:50	ADJ	58	40.3	0.2	1.5	1.86	114	88	-8.8	-50.26	
S2P11OC2	SEC2P11OC2	8/21/2015 10:54		54.5	40.3	0.7	4.5	1.68	113	83	-9.9	-47.71	Opened valve 1/2 turn or less,,,,,,,
S2P11OC2	SEC2P11OC2	8/21/2015 10:54	ADJ	54.5	40.3	0.7	4.5	1.98	114	90	-10.8	-47.71	
S2P11OC2	SEC2P11OC2	9/15/2015 9:28		54.5	40.4	0.6	4.5	1.79	112	86	-11.5	-48.79	Opened valve 1/2 turn or less,,,,,,,
S2P11OC2	SEC2P11OC2	9/15/2015 9:28	ADJ	54.5	40.4	0.6	4.5	2.5	112	101	-12.5	-48.79	
S2P11OC2	SEC2P11OC2	10/27/2015 10:48		56	41.4	0	2.6	1.77	111	85	-13.2	-50.04	Opened valve 1/2 turn or less,,,,,,,
S2P11OC2	SEC2P11OC2	10/27/2015 10:48	ADJ	56	41.4	0	2.6	2.96	112	110	-14.3	-50.04	
S2P11OC2	SEC2P11OC2	11/4/2015 15:21		56.8	41.5	0	1.7	3.01	111	112	-14.7	-49.03	Opened valve 1/2 turn or less,,,,,,,
S2P11OC2	SEC2P11OC2	11/4/2015 15:21	ADJ	56.8	41.5	0	1.7	3.09	111	113	-15.7	-49.03	
S2P11OC2	SEC2P11OC2	12/23/2015 13:26		56.9	42	0	1.1	3.31	108	117	-16.4	-48.67	Opened valve 1/2 turn or less,,,,,,,
S2P11OC2	SEC2P11OC2	12/23/2015 13:26	ADJ	56.9	42	0	1.1	3.15	108	114	-17.3	-48.67	
S2P11OC3	SEC2P11OC3	1/19/2015 14:20		59.4	39.5	1	0.1	3.79	75	132	-8	-56.82	Opened valve 1/2 turn or less,,,,,,,
S2P11OC3	SEC2P11OC3	1/19/2015 14:20	ADJ	59.4	39.5	1	0.1	5.9	75	166	-9.1	-56.82	
S2P11OC3	SEC2P11OC3	2/3/2015 14:44		58.5	40.3	1.1	0.1	7.01	75	180	-8.6	-51.13	Opened valve 1/2 turn or less,,,,,,,
S2P11OC3	SEC2P11OC3	2/3/2015 14:44	ADJ	58.5	40.3	1.1	0.1	7.88	75	191	-10.5	-51.13	
S2P11OC3	SEC2P11OC3	3/23/2015 9:28		53.1	37.6	2.3	7	8.37	74	195	-12.6	-54.96	No change,,,,,,,
S2P11OC3	SEC2P11OC3	3/23/2015 9:28	ADJ	53.1	37.6	2.3	7	8.95	74	202	-12.6	-54.96	
S2P11OC3	SEC2P11OC3	4/27/2015 15:12		53.9	37.8	1.8	6.5	7.73	77	187	-12.3	-54.9	No change,,,,,,,
S2P11OC3	SEC2P11OC3	4/27/2015 15:12	ADJ	53.9	37.8	1.8	6.5	8.18	77	193	-12.1	-54.9	
S2P11OC3	SEC2P11OC3	5/26/2015 8:30		56.4	39.4	1.2	3	7.06	77	179	-12.1	-53.37	Opened valve 1/2 turn or less,,,,,,,
S2P11OC3	SEC2P11OC3	5/26/2015 8:30	ADJ	56.4	39.4	1.2	3	7.4	77	183	-13.4	-53.37	
S2P11OC3	SEC2P11OC3	6/27/2015 11:06		56	38.6	1	4.4	12.69	78	243	-11.1	-49.18	Opened valve 1/2 turn or less,,,,,,,
S2P11OC3	SEC2P11OC3	6/27/2015 11:06	ADJ	56	38.6	1	4.4	11.67	78	233	-12.7	-49.18	
S2P11OC3	SEC2P11OC3	7/27/2015 13:54		58	40.4	0.3	1.3	7.96	78	190	-12.4	-46.29	Opened valve 1/2 turn or less,,,,,,,
S2P11OC3	SEC2P11OC3	7/27/2015 13:54	ADJ	58	40.4	0.3	1.3	10.69	78	221	-14.3	-46.29	
S2P11OC3	SEC2P11OC3	8/21/2015 10:59		58	41.8	0	0.2	7.76	78	187	-13.6	-42.9	Opened valve 1/2 turn or less,,,,,,,
S2P11OC3	SEC2P11OC3	8/21/2015 10:59	ADJ	58	41.8	0	0.2	10.07	78	213	-14.9	-42.9	
S2P11OC3	SEC2P11OC3	9/15/2015 9:32		56.6	43.3	0	0.1	9.56	77	206	-15	-43.45	Opened valve 1/2 turn or less,,,,,,,
S2P11OC3	SEC2P11OC3	9/15/2015 9:32	ADJ	56.6	43.3	0	0.1	8.25	77	191	-16.3	-43.45	
S2P11OC3	SEC2P11OC3	10/27/2015 10:52		57.1	42.8	0	0.1	10.38	76	216	-15.5	-43.52	Opened valve 1/2 turn or less,,,,,,,
S2P11OC3	SEC2P11OC3	10/27/2015 10:52	ADJ	57.1	42.8	0	0.1	8.67	76	197	-16.4	-43.52	
S2P11OC3	SEC2P11OC3	11/4/2015 15:24		56.9	43	0	0.1	9.13	77	202	-16	-42.53	Opened valve 1/2 turn or less,,,,,,,
S2P11OC3	SEC2P11OC3	11/4/2015 15:24	ADJ	56.9	43	0	0.1	9.68	77	207	-16.4	-42.53	
S2P11OC3	SEC2P11OC3	12/23/2015 13:37		58.5	41.4	0	0.1	11.56	75	230	-14.9	-41.9	Opened valve 1/2 turn or less,,,,,,,
S2P11OC3	SEC2P11OC3	12/23/2015 13:37	ADJ	58.5	41.4	0	0.1	10.13	75	215	-16.5	-41.9	

Notes:

- Indicates an exceedance of the operating conditions for oxygen (≥5%), pressure (≥ 0.0 in. H20), or temperature (≥131 deg.F) except where alternate operation conditions have been established.

- Indicates an oxygen level greater than 5% that is not an exceedance because of a WDNR approved alternate timeline for compliance.
(SEC2P08OC4- granted additional 14 days (until June 24, 2015) for O2 exceedance per June 16, 2015 temp alt. timeline request)
(Feb 25, 2015 approval for 3 mo extension of Feb 20, 2014 letter: Exceedance at Wells >45 Days & Request for Alt. Stnds.)

- Indicates an operating temperature greater than 131 deg.F, but less than or equal to 148 deg. F as allowed by the approval issued by the WDNR on October 10, 2014 ending October 10, 2015.
Permanent approvals allowing for alternate operating temperatures are listed below.

The following alternate standards have been approved for the following wells:
Temperature (140 degrees F): S2P8OC11(10/11/2015)
Temperature (143 degrees F): SC2GW36A(10/11/2015)
Temperature (145 degrees F): S2P08OC4 (1/28/2015)
Temperature (148 degrees F): S2P01OC2(10/10/2014); SC2GW23A(10/10/2014)
The WDNR 3/15/05 blanket approval allowing O2 limits for STOC's (i.e. leachate cleanouts, recirculation lines, and manholes) to exceed 5% was rescinded on 9/25/15.
Oxygen limits at STOCs must now meet NSPS standards of less than 5%, unless a specific individual alternative operating value is approved.

Attachment A-2

WDNR Approvals

- Request for Alternate Operating Standards, dated January 27, 2015
- Exceedance at Wells greater than 45 Days and Request for Alternate Operating Standards-3 Month Extension, dated February 25, 2015
- Gas Extraction Wells SEC2MH08, SEC2MH09, SEC2MH10, SEC2MH11, SEC2MH12, and SEC2MH13, dated May 6, 2015
- Gas Extraction Well S2P04OC2, dated May 13, 2015
- Alternative Timeline Request, dated June 16, 2015
- Abandonment Requests, dated July 13, 2015
- Oxygen Levels at Leachate Cleanouts, Recirculation Lines and Manholes, dated September 25, 2015
- Request for Alternate Operating Standards, dated September 30, 2015
- No Objection to Expedited Plan Modification to use sediment from Eau Claire Wastewater Treatment Plan remediation project as Alternate Daily Cover at the Advanced Disposal Seven Mile-Creek Landfill, LLC, dated December 3,2015

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
5301 Rib Mountain Drive
Wausau, WI 54401

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

WISCONSIN DEPT. OF NATURAL RESOURCES

FID: 618045450

January 27, 2015

Mark Vinall
Advanced Disposal Services Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire WI 54703-9727

Subject: Request for Alternate Operating Standards

Dear Mr. Vinall:

This letter is in response to Advanced Disposal Services Seven Mile Creek Landfill's (ADSSMCL) January 27, 2015 email requesting alternate operating standards for wells S2P08OC4 and S2P08OC7.

On February 20, 2014 the air program temporarily approved an alternate temperature standard for wells S2P08OC4 and S2P08OC7 of 148°F provided that the following monthly documentation of monitoring was submitted: methane, oxygen, carbon monoxide, temperature, carbon dioxide, the methane to carbon dioxide ratio, balance gas and flow. The temporary approval will expire February 20, 2015. The air program's letter stated that ADSSMCL may request a more permanent approval, provided the data supports such a request.

On January 27, 2015 ADSSMCL provided monthly data for the time period of January 2014 through January 2015. Well S2P08OC4 shows a temperature range of 27°F to 142°F during periods when oxygen was below 5%. Well S2P08OC7 shows a temperature range of 119°F to 137°F during periods when oxygen was below 5%. The request states that no carbon monoxide was detected at either location during the monthly monitoring events and that ADSSMCL has not observed burn odors or other signs of fire or settlement. ADSSMCL has also stated that there have been no adverse effects of operating the wells at temperatures greater than 131°F. ADSSMCL has requested a permanent approval of an alternate operating temperature of 148°F at wells S2P08OC4 and S2P08OC7.

Based on the information provided, the air program concurs with your request to operate wells S2P08OC4 and S2P08OC7 at an alternate operating standard. However, based on the data provided, it does not appear that that 148°F is the appropriate standard. At this time the air program approves an alternate operating temperature of 145°F for well S2P08OC4 and 140°F for well S2P08OC7. If ADSSMCL has additional information to support a request of 148°F, ADSSMCL may submit that to the air program for further review.

If you have any questions on this matter, please contact me at 715-355-9474.

Sincerely,

Ashley P. Gray
Air Management Engineer
West Central Region

CC: WCR file, Wausau
Marty Herrick, La Crosse (e-copy)
Martha Makholm, AM/7 (e-copy)
Steve Dunn, AM/7 (e-copy)
Randy Frank, Advanced Disposal Services Seven Mile Creek Landfill, 8001 Olson Drive, Eau Claire, WI 54703-9727 (e-copy)

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
Wausau Service Center
5301 Rib Mountain Drive
Wausau WI 54401

Scott Walker, Governor
Cathy Stepp, Secretary
Dan Baumann, Regional Director
Telephone 715-365-8900
FAX 715-365-8932
TTY Access via relay - 711

WISCONSIN
DEPT. OF NATURAL RESOURCES

February 25, 2015

FILE CODE: 4530
FID #: 618045450

Mark Vinall
Advanced Disposal Services Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire, WI 54703-9727

Subject: Exceedance at Wells greater than 45 Days and Request for Alternate Operating Standards-3 Month Extension

Dear Mr. Vinall:

This letter is in response to your February 19th, 2015 submittal to the Wisconsin Department of natural Resources (department) requesting the approval to abandon six supplemental gas extraction points at ADS-SMCL.

In a letter issued by the department on February 20, 2014 titled: "Exceedance at Wells Greater than 45 Days and Request for Alternate Operating Standards", the department granted temporary approval that would expire one year from the date of the letter, which would make it expire February 20, 2015. The department is granting a 3 month extension to the expiration date as mentioned in the February 20, 2014 letter.

Please continue to perform operation per the February 20, 2014 letter as if the temporary approval letter stated that the temporary approval expires May 20th, 2015. This is a 3 month extension to the letter issued February 20, 2014.

If you have any questions on this matter please contact me at 715-359-1717 or email at Corey.Larson@Wisconsin.gov

Sincerely
WEST CENTRAL/NORTHERN REGION

Corey D. Larson
Air Management Engineer

Cc: Bureau of Air Management, AM/7 (e-copy)
Regional Files-WDNR Wausau
Rick Wulk- WDNR Green Bay (e-copy)
Randy Frank- Advanced Disposal Seven Mile (e-copy)

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
5301 Rib Mountain Drive
Wausau, Wisconsin 54401

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

WISCONSIN DEPT. OF NATURAL RESOURCES

FID: 618045450

May 6, 2015

Mark Vinall
Advanced Disposal Services Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire WI 54703-9727

Subject: Gas Extraction Wells SEC2MH08, SEC2MH09, SEC2MH10, SEC2MH11, SEC2MH12 and SEC2MH13

Dear Mr. Vinall:

This letter is in response to your letter, dated February 19, 2015, requesting approval to abandon Gas Extraction Wells SEC2MH08, SEC2MH09, SEC2MH10, SEC2MH11, SEC2MH12 and SEC2MH13 at the Advanced Disposal Services Seven Mile Creek Landfill (ADSSMCL) Sector 2.

ADSSMCL had received temporary approval to operate these wells with alternate operating standards on February 20, 2014. This approval allowed ADSSMCL to intermittently apply vacuum to the gas wells between monthly field balancing events. If significant LFG pressure existed during the monitoring, the valves would be monitored and LFG would be collected until the oxygen concentration exceeded 5 percent.

The temporary approval for the alternate operating standards expired on February 20, 2015. The department granted a three month extension to May 20, 2015.

Your February 19, 2015 letter stated that the aforementioned wells have been selected for abandonment because they have been displaying poor gas quality and are currently closed to active gas extraction to limit oxygen intrusion into the collection system.

Based on the information provided, the air program concurs with your request to abandon gas extraction wells SEC2MH08, SEC2MH09, SEC2MH10, SEC2MH11, SEC2MH12 and SEC2MH13 at ADSSMCL Sector 2. ADSSMCL shall provide a record to the department of the dates and method(s) of abandonment for these wells within 30 days of abandonment.

If you have any questions on this letter or air quality, please contact Ashley Gray at 715-355-9474. If you have any questions on solid waste, please contact Marty Herrick at 608-789-5518.

Sincerely,

Ashley P. Gray
Air Management Engineer

CC: WCR file, Wausau
Marty Herrick, La Crosse (e-copy) Bureau of Air Management, AM/7

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
5301 Rib Mountain Drive
Wausau, Wisconsin 54401

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

WISCONSIN
DEPT. OF NATURAL RESOURCES

FID: 618045450

May 13, 2015

Mark Vinall
Advanced Disposal Services Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire WI 54703-9727

Subject: Gas Extraction Well S2P04OC2

Dear Mr. Vinall:

This letter is in response to your letter, dated May 6, 2015, requesting approval to abandon Gas Extraction Well S2P04OC2 at the Advanced Disposal Services Seven Mile Creek Landfill (ADSSMCL) Sector 2 Phase 4.

Your letter stated that during the April 2015 monthly monitoring event, gas extraction well S2P04OC2 had oxygen greater than 5%. ADSSMCL reduced vacuum, closed the valve and replaced the wellhead with no success. To correct this deviation ADSSMCL is requesting abandonment.

ADSSMCL stated that gas extraction well S2P04OC2 has been selected for abandonment because of declining gas quality and flow. In addition, with the replacement of vertical gas extraction wells in Sector 2 and the installation of liquid dewatering equipment S2P04OC2 is now competing for gas in the area and is no longer an effective means of gas extraction. The results of the surface emission scans show no exceedances of 500ppm of methane which supports sufficient gas collection.

Based on the information provided, the air program concurs with your request to abandon gas extraction well S2P04OC2 at the Advanced Disposal Services Seven Mile Creek Landfill (ADSSMCL) Sector 2 Phase 4. ADSSMCL shall provide a record to the department of the dates and method(s) of abandonment for this well within 30 days of abandonment.

If you have any questions on this letter or air quality, please contact Ashley Gray at 715-355-9474. If you have any questions on solid waste, please contact Marty Herrick at 608-789-5518.

Sincerely,

Ashley P. Gray
Air Management Engineer

CC: WCR file, Wausau
Marty Herrick, La Crosse (e-copy) Bureau of Air Management, AM/7

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
5301 Rib Mountain Drive
Wausau, WI 54401

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

FID: 618045450

June 16, 2015

Mark Vinall
Advanced Disposal Services Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire, WI 54703-9727

Subject: Alternative Timeline Request

Dear Mr. Vinall:

This letter is in response to your email, dated June 9, 2015, requesting that an Alternative Compliance Timeline be approved for Gas Well SEC2P08OC4 to allow Advanced Disposal Services Seven Mile Creek Landfill (ADSSMCL) additional time beyond the 15 days from the initial exceedance to allow ADSSMCL to return to compliance by corrective actions other than expansion of the collection system.

According to your email, gas well SEC2P08OC4 has experienced oxygen levels greater than 5%. Adjustments have been made to the gas system, however, the oxygen level continues to exceed 5%. ADSSMCL has determined that the well is currently watered out , but attempt to remove the liquid have been unsuccessful. In addition, a pump located in the adjacent well's pump was not operating properly which may have contributed to the watered out conditions of well SEC2P08OC4. ADSSMCL has requested an additional 14 days to correct the exceedance. If it is determined that dewatering the adjacent well does not correct the issue, ADSSMCL will request to abandon the well.

Based on the information provided, the department concurs with your alternative compliance timeline request to allow ADSSMCL to return Gas Well SEC2P08OC4 to compliance by corrective actions other than expansion of the collection system. Based on your request for an Alternative Compliance Timeline, the department is granting an extension of 14 days (29 days from initial exceedance, or June 24, 2015).

If you have any questions on this matter, please contact me at 715-355-9474.

Sincerely,
WEST CENTRAL REGION

Ashley P. Gray
Air Management Engineer

CC: WCR file, Wausau
Marty Herrick, La Crosse (e-copy)
Bureau of Air Management, AM/7
Doug Coenen, ADSSMCL (e-copy)
Tim Curry, ADSSMCL (e-copy)
Dean Martin, ADSSMCL (e-copy)
Randy Frank, ADSSMCL (e-copy)
Frank Perugini, ESC (e-copy)
Tracy Ipavec, ESC (e-copy)

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TTY Access via relay - 711

WISCONSIN DEPT. OF NATURAL RESOURCES

FID: 618045450

July 13, 2015

Mark Vinall
Advanced Disposal Services Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire, WI 54703-9727

Subject: Abandonment Requests

Dear Mr. Vinall:

This letter is in response to your emails, dated June 24 and June 30, 2015, requesting approval to abandon gas extraction wells SEC2P08OC4, S2P02OC1, S2P08OC7, S2P11OC1, S2P11LC1, S2P11LC2, S2P11LC3, S2P11LC4, S2P01OC6, S2P5LCO1, S2P6LCO1 and S2P08LC1 at the Advanced Disposal Services Seven Mile Creek Landfill (ADSSMCL) on sector 2.

According to your email on June 25, 2015, gas well SEC2P08OC4 has experienced oxygen levels greater than 5%. Adjustments have been made to the gas system; however, the oxygen level continues to exceed 5%. ADSSMCL has determined that the well is currently watered out , but attempt to remove the liquid have been unsuccessful. ADSSMCL requested, and the department approved, an additional 14 days to correct the exceedance. ADSSMCL initially thought that a pump located in the adjacent well's pump was not operating properly which may have contributed to the watered out conditions of well SEC2P08OC4. The pump was repaired, though it did not help the watered out condition of well SEC2P09OC4 and continues to exceed 5% oxygen. ADSSMCL requests abandoning the well as it is not effective and there is sufficient coverage by nearby vertical gas extraction wells.

On June 30, 2015 ADSSMCL requested abandonment of 11 additional gas wells: S2P02OC1, S2P08OC7, S2P11OC1, S2P11LC1, S2P11LC2, S2P11LC3, S2P11LC4, S2P01OC6, S2P5LCO1, S2P6LCO1 and S2P08LC1. These wells have been selected for abandonment because the locations are watered out or have declining gas quality.

Gas wells S2P02OC1, S2P08OC7, S2P11OC1, S2P11LC1, S2P11LC2, S2P11LC3 and S2P11LC4 are experiencing watered out conditions and can no longer function properly as gas extraction points. ADSSMCL has measured the liquid levels, however there is not a sufficient height to pump. ADSSMCL requests abandoning these wells as they are not effective and there is sufficient coverage by nearby vertical gas extraction wells.

Gas wellsS2P01OC6, S2P5LCO1, S2P6LCO1 and S2P08LC1 are experiencing declining gas quality and flow. ADSSMCL requests abandoning these wells as they are not effective and there is sufficient coverage by nearby vertical gas extraction wells.

Based on the information provided, the air program concurs with your request to abandon gas extraction wells SEC2P08OC4, S2P02OC1, S2P08OC7, S2P11OC1, S2P11LC1, S2P11LC2, S2P11LC3, S2P11LC4, S2P01OC6, S2P5LCO1, S2P6LCO1 and S2P08LC1 at the Advanced Disposal Services Seven Mile Creek Landfill (ADSSMCL) on sector 2. ADSSMCL shall provide a record to the department of the dates and method(s) of abandonment for these wells within 30 days of abandonment.

If you have any questions on this letter or air quality, please contact Ashley Gray at 715-355-9474. If you have any questions on solid waste, please contact Marty Herrick at 608-789-5518.

Sincerely,
WEST CENTRAL REGION

Ashley P. Gray
Air Management Engineer

CC: WCR file, Wausau
Marty Herrick, La Crosse (e-copy)
Bureau of Air Management, AM/7
Doug Coenen, ADSSMCL (e-copy)
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Wausau WI 54401

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WISCONSIN DEPT. OF NATURAL RESOURCES

FID: 618045450

September 25, 2015

Mark Vinall
Advanced Disposal Services Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire WI 54703-9727

Subject: Oxygen Levels at Leachate Cleanouts, Recirculation Lines and Manholes

Dear Mr. Vinall:

This letter is in response to Advanced Disposal Services Seven Mile Creek Landfill's (ADSSMCL) response to the July 20, 2015 Letter of Noncompliance and July 6, 2015 inspection.

The inspection report stated that the department approved oxygen levels greater than 5% on supplemental locations (leachate cleanouts, recirculation lines and manholes) on March 15, 2005. This approval was based on permit condition I.A-B.4.b.(c) of permit 04-JAJ-177 issued January 24, 2005. The inspection report stated that oxygen levels at particular wells have not been established. The inspection also recommended that ADSSMCL submit supporting data which would support a higher oxygen level at individual wells on site.

ADSSMCL's response states that the March 15, 2005 approval did not have an expiration date and is therefore valid. The response also states that ADSSMCL is willing to work with the department to better present this past approval in the current permit.

Since our March 2005 approval, EPA has determined that, whenever a supplemental gas collection device collects landfill gas from areas where waste has been in place for 5 years or more in active areas or 2 years or more in closed areas or areas that have reached final grade that the device is subject to operational standards including the 5% oxygen or 20% nitrogen. The department may approve alternate oxygen limits, but may not approve exemptions from those limits. The March 15, 2005 approval letter did not establish alternate limits, rather only approval to not meet the oxygen limit. This approval is no longer acceptable.

In May 2007, the department issued a policy on Wisconsin Landfill Air Emissions, http://dnr.wi.gov/files/PDF/pubs/wa/WA1303.pdf. In order to formally request an alternate limit, ADSSMCL will have to go through the procedures in Appendix C of this policy.

If you have any questions on this matter, please contact me at 715-355-9474.

Sincerely,

Ashley P. Gray
Air Management Engineer
West Central Region

CC: WCR file, Wausau
Marty Herrick, La Crosse (e-copy)
Martha Makholm, AM/7 (e-copy)
Mike Ross, La Crosse (e-copy)
Randy Frank, Advanced Disposal Services Seven Mile Creek Landfill, 8001 Olson Drive, Eau Claire, WI 54703-9727 (e-copy)

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
5301 Rib Mountain Drive
Wausau, WI 54401

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WISCONSIN
DEPT. OF NATURAL RESOURCES

FID: 618045450

September 30, 2015

Mark Vinall
Advanced Disposal Services Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire WI 54703-9727

Subject: Request for Alternate Operating Standards

Dear Mr. Vinall:

This letter is in response to your September 25, 2015 letter requesting alternate operating standards for wells SC2GW23A, SC2GW36A, S2P01OC2 and S2P8OC11.

On October 10, 2014 the air program temporarily approved an alternate temperature standard for several gas extraction wells, including SC2GW23A, SC2GW36A, S2P01OC2 and S2P8OC11, of 148°F provided that monthly documentation of monitoring was submitted: methane, oxygen, carbon monoxide, temperature, carbon dioxide, the methane to carbon dioxide ratio, balance gas and flow. The temporary approval will expire October 10, 2015. The air program's letter stated that ADSSMCL may request a more permanent approval, provided that the data supports such a request.

On September 25, 2015 ADSSMCL provided monthly data for each well. When periods when oxygen was below 5%:

- Well SC2GW23A shows a temperature range of 68°F to 144°F for the time period of August 2014 to September 2015
- Well SC2GW36A shows a temperature range of 119°F to 139°F for the time period of June 2014 to September 2015
- Well S2P01OC2 shows a temperature range of 88°F to 144°F for the time period of April 2013 to September 2015
- Well S2P8OC11 shows a temperature range of 76°F to 136°F for the time period of January 2012 to September 2015

The request states that no carbon monoxide was detected at the locations during the monthly monitoring events and that ADSSMCL has not observed burn odors or other signs of fire or settlement. ADSSMCL has also stated that there have been no adverse effects of operating the wells at temperatures greater than 131°F. ADSSMCL has requested a permanent approval of an alternate operating temperature of 148°F at these wells.

Based on the information provided, the air program concurs with your request to operate wells SC2GW23A, SC2GW36A, S2P01OC2 and S2P8OC11 at an alternate operating standard. However, based on the data provided, it does not appear that 148°F is the appropriate standard for all four wells. At this time the air program approves an alternate operating temperature of 148°F for wells SC2GW23A and S2P01OC2, 143°F for well SC2GW36A and 140°F for well S2P8OC11. If ADSSMCL has additional information to support a request of 148°F for wells SC2GW36A and S2P8OC11, ADSSMCL may submit that to the air program for further review.

If you have any questions on this matter, please contact me at 715-355-9474.

Sincerely,

Ashley P. Gray
Air Management Engineer
West Central Region

CC: WCR file, Wausau
Marty Herrick, La Crosse (e-copy)
Martha Makholm, AM/7 (e-copy)
Steve Dunn, AM/7 (e-copy)
Randy Frank, Advanced Disposal Services Seven Mile Creek Landfill, 8001 Olson Drive, Eau Claire, WI 54703-9727 (e-copy)

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
1300 W. Clairemont Ave.
Eau Claire WI 54701

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

WISCONSIN DEPT. OF NATURAL RESOURCES

December 3, 2015

Mr. Mark Vinall
Advanced Disposal Seven Mile-Creek Landfill, LLC
8001 Olson Drive
Eau Claire, WI 54703

File Ref: FID 618045450
Eau Claire Co.
SW/APPR

SUBJECT: No Objection to Expedited Plan Modification to use sediment from the Eau Claire Wastewaster Treatment Plant remediation project as Alternate Daily Cover at the Advanced Disposal Seven Mile-Creek Landfill, LLC, Eau Claire County, Wisconsin, WDNR License No. License # 3097.

Dear Mr. Vinall :

The purpose of this letter is to provide notice that the department does not object to your request to use sediment from the clean-up of the Eau Claire Wastewater Treatment Plant as alternate daily cover for the Advanced Disposal Seven Mile Creek Landfill based on the information provided and the following:

1. On August 21, 1998, the department public noticed a meeting to provide an opportunity for public input on the potential for the Seven Mile Creek Landill to accept PCB contaminated sediments from the Fox River.

2. On September 16, 1998 a public meeting was held providing the opportunity for public input on the Seven Mile Creek Landfill accepting PCB contaminated sediments.

3. The PCB concentrations in the sediments proposed for alternate daily cover are below the applicable requirements in the Toxic Substances Control Act in 40CFR Part 761.

The department has determined that the proposal poses low risk to human health and the environment. Please include the attached approval in the written operating record for the landfill, along with your June 20, 1988, May 21, 2002 and April 19, 2005 Plan of Operation Approvals, as specified in s. NR 506.17, Wis. Adm. Code.

On November 24, 2015, the department's LaCrosse Service Center received a request from Cornerstone Environmental, dated November 20, 2015 for an expedited plan modification under s. NR 514.09(1)(a)10, Wis. Adm. Code, regarding proposed changes to materials approved for use as alternate daily cover for the landfill. The invoice for the department's review fee of $1,000 has been sent in a separate letter.

The requested use of sediment from the Eau Claire Wastewater Treatment Plant remediation project as alternate daily cover qualifies for an expedited plan modification under s. NR 514.09(1)(a)10, Wis. Adm. Code. Thus, the department has no objection to the request, subject to the landfill's compliance with chs. NR 500 to 538, Wis. Adm. Code, and the applicable department approvals for this facility.

This approval is based on the information available to the department as of the date of approval. If additional information, project changes or other circumstances indicate a possible need to modify this approval, the

department may ask you to provide further information relating to this activity. Likewise, the department accepts proposals to modify approvals, as provided for in state statutes and administrative codes.

If you have any questions regarding this letter please contact me at (608) 789-5518.

Sincerely,

JS for Martin Hefrick

Martin Hefrick, P.E.
Environmental Engineer
West Central Region

Jill Schoen

Jill Schoen, CHMM
Waste Management Supervisor
West Central Region

CC: Doug Joseph –douglas.joseph@wisconsin.gov
Tyler Field-Cornerstone Environmental, 8413 Excelsior Drive, Suite 160, Madison, WI 53717

Attachment A-3

Gas Probe Monitoring Data

Seven Mile Creek Landfill

Gas Probe Monitoring Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)
Sector 1 Gas Probes							
S1GP1701	S1GP1701	1/14/2015 13:33		0	3.2	19.8	77
S1GP1701	S1GP1701	1/14/2015 13:33	ADJ	0	3.2	19.8	77
S1GP1701	S1GP1701	3/23/2015 5:51		0	1.7	20	78.3
S1GP1701	S1GP1701	3/23/2015 5:51	ADJ	0	1.7	20	78.3
S1GP1701	S1GP1701	5/4/2015 14:49		0	1.9	18.6	79.5
S1GP1701	S1GP1701	5/4/2015 14:49	ADJ	0	1.9	18.6	79.5
S1GP1701	S1GP1701	8/17/2015 6:04		0	4.9	15.7	79.4
S1GP1701	S1GP1701	8/17/2015 6:04	ADJ	0	4.9	15.7	79.4
S1GP1701	S1GP1701	10/20/2015 12:59		0	4.3	20	75.7
S1GP1701	S1GP1701	10/20/2015 12:59	ADJ	0	4.3	20	75.7
S1GP2705	S1GP2705	1/14/2015 13:42		0	0.9	21.7	77.4
S1GP2705	S1GP2705	1/14/2015 13:42	ADJ	0	0.9	21.7	77.4
S1GP2705	S1GP2705	3/23/2015 5:56		0	0.3	21.4	78.3
S1GP2705	S1GP2705	3/23/2015 5:56	ADJ	0	0.3	21.4	78.3
S1GP2705	S1GP2705	5/4/2015 14:45		0	0.2	20	79.8
S1GP2705	S1GP2705	5/4/2015 14:45	ADJ	0	0.2	20	79.8
S1GP2705	S1GP2705	8/17/2015 6:00		0	0.9	19.5	79.6
S1GP2705	S1GP2705	8/17/2015 6:00	ADJ	0	0.9	19.5	79.6
S1GP2705	S1GP2705	10/20/2015 12:55		0	0.6	17.4	82
S1GP2705	S1GP2705	10/20/2015 12:55	ADJ	0	0.6	17.4	82
S1GP3711	S1GP3711	1/14/2015 13:53		0	1.9	20.6	77.5
S1GP3711	S1GP3711	1/14/2015 13:53	ADJ	0	1.9	20.6	77.5
S1GP3711	S1GP3711	3/23/2015 6:01		0	0.8	20.7	78.5
S1GP3711	S1GP3711	3/23/2015 6:01	ADJ	0	0.8	20.7	78.5
S1GP3711	S1GP3711	5/4/2015 14:41		0	0.5	19.7	79.8
S1GP3711	S1GP3711	5/4/2015 14:41	ADJ	0	0.5	19.7	79.8
S1GP3711	S1GP3711	8/17/2015 5:56		0	2.1	18.3	79.6
S1GP3711	S1GP3711	8/17/2015 5:56	ADJ	0	2.1	18.3	79.6
S1GP3711	S1GP3711	10/20/2015 12:50		0	2.1	22.5	75.4
S1GP3711	S1GP3711	10/20/2015 12:50	ADJ	0	2.1	22.5	75.4
S1GP4715	S1GP4715	1/14/2015 13:26		0	4.1	22.5	73.4
S1GP4715	S1GP4715	1/14/2015 13:26	ADJ	0	4.1	22.5	73.4
S1GP4715	S1GP4715	3/23/2015 5:45		0	1.6	20.3	78.1
S1GP4715	S1GP4715	3/23/2015 5:45	ADJ	0	1.6	20.3	78.1
S1GP4715	S1GP4715	5/4/2015 14:36		0	0.7	19.9	79.4
S1GP4715	S1GP4715	5/4/2015 14:36	ADJ	0	0.7	19.9	79.4
S1GP4715	S1GP4715	8/17/2015 5:53		0	4.6	16.2	79.2
S1GP4715	S1GP4715	8/17/2015 5:53	ADJ	0	4.6	16.2	79.2
S1GP4715	S1GP4715	10/20/2015 12:47		0	3.2	22.9	73.9
S1GP4715	S1GP4715	10/20/2015 12:47	ADJ	0	3.2	22.9	73.9
Sector 2 Gas Probes							
2GP12522	2GP12522	1/15/2015 8:05		0	2.4	19.3	78.3
2GP12522	2GP12522	1/15/2015 8:05	ADJ	0	2.4	19.3	78.3
2GP12522	2GP12522	3/23/2015 6:34		0	0.7	20.2	79.1
2GP12522	2GP12522	3/23/2015 6:34	ADJ	0	0.7	20.2	79.1
2GP12522	2GP12522	5/4/2015 15:35		0	0.5	19.8	79.7
2GP12522	2GP12522	5/4/2015 15:35	ADJ	0	0.5	19.8	79.7
2GP12522	2GP12522	8/17/2015 6:23		0	1.6	18.7	79.7
2GP12522	2GP12522	8/17/2015 6:23	ADJ	0	1.6	18.7	79.7
2GP12522	2GP12522	10/20/2015 13:31		0	0.6	17.4	82
2GP12522	2GP12522	10/20/2015 13:31	ADJ	0	0.6	17.4	82

Seven Mile Creek Landfill

Gas Probe Monitoring Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)
2GP13524	2GP13524	1/15/2015 7:58		0	1.9	22.9	75.2
2GP13524	2GP13524	1/15/2015 7:58	ADJ	0	1.9	22.9	75.2
2GP13524	2GP13524	3/23/2015 6:38		0	0.5	20.2	79.3
2GP13524	2GP13524	3/23/2015 6:38	ADJ	0	0.5	20.2	79.3
2GP13524	2GP13524	5/4/2015 15:37		0	0.3	19.9	79.8
2GP13524	2GP13524	5/4/2015 15:37	ADJ	0	0.3	19.9	79.8
2GP13524	2GP13524	8/17/2015 6:20		0	0.9	19.2	79.9
2GP13524	2GP13524	8/17/2015 6:20	ADJ	0	0.9	19.2	79.9
2GP13524	2GP13524	10/20/2015 13:34		0	0.3	17.6	82.1
2GP13524	2GP13524	10/20/2015 13:34	ADJ	0	0.3	17.6	82.1
2GP14526	2GP14526	1/15/2015 8:13		0	9.2	17.5	73.3
2GP14526	2GP14526	1/15/2015 8:13	ADJ	0	9.2	17.5	73.3
2GP14526	2GP14526	3/23/2015 6:42		0	0.1	20.6	79.3
2GP14526	2GP14526	3/23/2015 6:42	ADJ	0	0.1	20.6	79.3
2GP14526	2GP14526	5/4/2015 15:40		0	0	20.2	79.8
2GP14526	2GP14526	5/4/2015 15:40	ADJ	0	0	20.2	79.8
2GP14526	2GP14526	8/17/2015 6:16		0	0.2	20.1	79.7
2GP14526	2GP14526	8/17/2015 6:16	ADJ	0	0.2	20.1	79.7
2GP14526	2GP14526	10/20/2015 13:37		0	0	17.7	82.3
2GP14526	2GP14526	10/20/2015 13:37	ADJ	0	0	17.7	82.3
2GP15528	2GP15528	1/15/2015 8:20		0	6.5	17.9	75.6
2GP15528	2GP15528	1/15/2015 8:20	ADJ	0	6.5	17.9	75.6
2GP15528	2GP15528	3/23/2015 6:46		0	3.4	17.8	78.8
2GP15528	2GP15528	3/23/2015 6:46	ADJ	0	3.4	17.8	78.8
2GP15528	2GP15528	5/4/2015 15:43		0	4	16.7	79.3
2GP15528	2GP15528	5/4/2015 15:43	ADJ	0	4	16.7	79.3
2GP15528	2GP15528	8/17/2015 6:09		0	4.8	16.1	79.1
2GP15528	2GP15528	8/17/2015 6:09	ADJ	0	4.8	16.1	79.1
2GP15528	2GP15528	10/20/2015 13:40		0	5.8	18.3	75.9
2GP15528	2GP15528	10/20/2015 13:40	ADJ	0	5.8	18.3	75.9
S2GP1500	S2GP1500	1/15/2015 6:37		0	1.3	20.4	78.3
S2GP1500	S2GP1500	1/15/2015 6:37	ADJ	0	1.3	20.4	78.3
S2GP1500	S2GP1500	3/23/2015 6:11		0	0.6	20.3	79.1
S2GP1500	S2GP1500	3/23/2015 6:11	ADJ	0	0.6	20.3	79.1
S2GP1500	S2GP1500	5/4/2015 14:55		0	0.9	19.4	79.7
S2GP1500	S2GP1500	5/4/2015 14:55	ADJ	0	0.9	19.4	79.7
S2GP1500	S2GP1500	8/17/2015 6:40		0	3.3	17.3	79.4
S2GP1500	S2GP1500	8/17/2015 6:40	ADJ	0	3.3	17.3	79.4
S2GP1500	S2GP1500	10/20/2015 13:09		0	2.3	22.5	75.2
S2GP1500	S2GP1500	10/20/2015 13:09	ADJ	0	2.3	22.5	75.2
S2GP2503	S2GP2503	1/15/2015 6:44		0	0.9	21.3	77.8
S2GP2503	S2GP2503	1/15/2015 6:44	ADJ	0	0.9	21.3	77.8
S2GP2503	S2GP2503	3/23/2015 6:16		0	1	20.2	78.8
S2GP2503	S2GP2503	3/23/2015 6:16	ADJ	0	1	20.2	78.8
S2GP2503	S2GP2503	5/4/2015 14:58		0	1.2	19.4	79.4
S2GP2503	S2GP2503	5/4/2015 14:58	ADJ	0	1.2	19.4	79.4
S2GP2503	S2GP2503	8/17/2015 6:46		0	3.5	17.4	79.1
S2GP2503	S2GP2503	8/17/2015 6:46	ADJ	0	3.5	17.4	79.1
S2GP2503	S2GP2503	10/20/2015 13:12		0	2.5	22.9	74.6
S2GP2503	S2GP2503	10/20/2015 13:12	ADJ	0	2.5	22.9	74.6

Seven Mile Creek Landfill

Gas Probe Monitoring Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)
S2GP3505	S2GP3505	1/15/2015 6:54		0	0.6	22	77.4
S2GP3505	S2GP3505	1/15/2015 6:54	ADJ	0	0.6	22	77.4
S2GP3505	S2GP3505	3/23/2015 6:22		0	0.5	20.9	78.6
S2GP3505	S2GP3505	3/23/2015 6:22	ADJ	0	0.5	20.9	78.6
S2GP3505	S2GP3505	5/4/2015 15:26		0	0.7	19.6	79.7
S2GP3505	S2GP3505	5/4/2015 15:26	ADJ	0	0.7	19.6	79.7
S2GP3505	S2GP3505	8/17/2015 6:36		0	2.4	18.3	79.3
S2GP3505	S2GP3505	8/17/2015 6:36	ADJ	0	2.4	18.3	79.3
S2GP3505	S2GP3505	10/20/2015 13:19		0	1.2	17.2	81.6
S2GP3505	S2GP3505	10/20/2015 13:19	ADJ	0	1.2	17.2	81.6
S2GP4507	S2GP4507	1/15/2015 7:02		0	1.9	20.7	77.4
S2GP4507	S2GP4507	1/15/2015 7:02	ADJ	0	1.9	20.7	77.4
S2GP4507	S2GP4507	3/23/2015 6:27		0	0.8	20.5	78.7
S2GP4507	S2GP4507	3/23/2015 6:27	ADJ	0	0.8	20.5	78.7
S2GP4507	S2GP4507	5/4/2015 15:29		0	1.2	19	79.8
S2GP4507	S2GP4507	5/4/2015 15:29	ADJ	0	1.2	19	79.8
S2GP4507	S2GP4507	8/17/2015 6:31		0	3.3	16.8	79.9
S2GP4507	S2GP4507	8/17/2015 6:31	ADJ	0	3.3	16.8	79.9
S2GP4507	S2GP4507	10/20/2015 13:23		0	2.7	22.3	75
S2GP4507	S2GP4507	10/20/2015 13:23	ADJ	0	2.7	22.3	75
S2GP5509	S2GP5509	1/15/2015 7:12		0	2.8	21.5	75.7
S2GP5509	S2GP5509	1/15/2015 7:12	ADJ	0	2.8	21.5	75.7
S2GP5509	S2GP5509	3/23/2015 7:15		0	0.1	20.5	79.4
S2GP5509	S2GP5509	3/23/2015 7:15	ADJ	0	0.1	20.5	79.4
S2GP5509	S2GP5509	5/4/2015 15:31		0	0.2	20	79.8
S2GP5509	S2GP5509	5/4/2015 15:31	ADJ	0	0.2	20	79.8
S2GP5509	S2GP5509	8/17/2015 6:28		0	8.2	12.5	79.3
S2GP5509	S2GP5509	8/17/2015 6:28	ADJ	0	8.2	12.5	79.3
S2GP5509	S2GP5509	10/20/2015 13:26		0	0.5	17.7	81.8
S2GP5509	S2GP5509	10/20/2015 13:26	ADJ	0	0.5	17.7	81.8
S2GP6510	S2GP6510	1/15/2015 6:29		0	0	21.5	78.5
S2GP6510	S2GP6510	1/15/2015 6:29	ADJ	0	0	21.5	78.5
S2GP6510	S2GP6510	3/23/2015 6:07		0	0	21.2	78.8
S2GP6510	S2GP6510	3/23/2015 6:07	ADJ	0	0	21.2	78.8
S2GP6510	S2GP6510	5/4/2015 14:52		0	0	20.3	79.7
S2GP6510	S2GP6510	5/4/2015 14:52	ADJ	0	0	20.3	79.7
S2GP6510	S2GP6510	8/17/2015 6:54		0	0	20.1	79.9
S2GP6510	S2GP6510	8/17/2015 6:54	ADJ	0	0	20.1	79.9
S2GP6510	S2GP6510	10/20/2015 13:03		0	0.1	17.9	82
S2GP6510	S2GP6510	10/20/2015 13:03	ADJ	0	0.1	17.9	82
S2GP7512	S2GP7512	1/14/2015 13:19		0	3	22.8	74.2
S2GP7512	S2GP7512	1/14/2015 13:19	ADJ	0	3	22.8	74.2
S2GP7512	S2GP7512	3/23/2015 5:42		0	0	21.2	78.8
S2GP7512	S2GP7512	3/23/2015 5:42	ADJ	0	0	21.2	78.8
S2GP7512	S2GP7512	5/4/2015 14:33		0	0	20.3	79.7
S2GP7512	S2GP7512	5/4/2015 14:33	ADJ	0	0	20.3	79.7
S2GP7512	S2GP7512	8/17/2015 5:50		0	0	20	80
S2GP7512	S2GP7512	8/17/2015 5:50	ADJ	0	0	20	80
S2GP7512	S2GP7512	10/20/2015 12:44		0	0	17.9	82.1
S2GP7512	S2GP7512	10/20/2015 12:44	ADJ	0	0	17.9	82.1

Seven Mile Creek Landfill

Gas Probe Monitoring Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)
S2GP8514	S2GP8514	1/13/2015 11:02		0	0	23.3	76.7
S2GP8514	S2GP8514	1/13/2015 11:02	ADJ	0	0	23.3	76.7
S2GP8514	S2GP8514	1/14/2015 13:10		0	3.2	21.8	75
S2GP8514	S2GP8514	1/14/2015 13:10	ADJ	0	3.2	21.8	75
S2GP8514	S2GP8514	3/23/2015 5:38		0	0.3	20.6	79.1
S2GP8514	S2GP8514	3/23/2015 5:38	ADJ	0	0.3	20.6	79.1
S2GP8514	S2GP8514	5/4/2015 14:30		0	0	20.2	79.8
S2GP8514	S2GP8514	5/4/2015 14:30	ADJ	0	0	20.2	79.8
S2GP8514	S2GP8514	8/17/2015 5:47		0	4.1	15.9	80
S2GP8514	S2GP8514	8/17/2015 5:47	ADJ	0	4.1	15.9	80
S2GP8514	S2GP8514	10/20/2015 12:40		0	0	17.9	82.1
S2GP8514	S2GP8514	10/20/2015 12:40	ADJ	0	0	17.9	82.1
S2GP9516	S2GP9516	1/13/2015 10:55		0	0	21.8	78.2
S2GP9516	S2GP9516	1/13/2015 10:55	ADJ	0	0	21.8	78.2
S2GP9516	S2GP9516	3/23/2015 6:51		0	0.1	20.3	79.6
S2GP9516	S2GP9516	3/23/2015 6:51	ADJ	0	0.1	20.3	79.6
S2GP9516	S2GP9516	5/4/2015 14:26		0	0	20	80
S2GP9516	S2GP9516	5/4/2015 14:26	ADJ	0	0	20	80
S2GP9516	S2GP9516	8/17/2015 7:07		0	0	20.1	79.9
S2GP9516	S2GP9516	8/17/2015 7:07	ADJ	0	0	20.1	79.9
S2GP9516	S2GP9516	10/20/2015 12:36		0	0	17.8	82.2
S2GP9516	S2GP9516	10/20/2015 12:36	ADJ	0	0	17.8	82.2

Note:

During the initial third quarter monitoring event, low-level methane (i.e. 0.1% - 0.2 %) was erroneously reported at each of the Sector 1 and Sector 2 probes on 08/13/15-08/14/15 because the meter was not properly zeroed out during calibration. The calibration issue was identified, corrected, and an additional round of gas probe monitoring was conducted on 08/17/15. The erroneous gas probe monitoring data recorded on 08/13/15-08/14/15 is not included with the Gas Probe Monitoring Report.

Appendix B

Leachate Monitoring Data

Appendix B
Tables

Table B-1: Leachate Head Well Monitoring Summary – Sector 2
Table B-2: Leachate Volumes

Table B-1
Leacahte Head Well Monitoring Summary - Sector 2

Advanced Disposal Services
Seven Mile Creek Landfil

Well ID	DNR#	Recorded Elevation of Vertical Well Bottom (ft. MSL)	Vertical Well Top of Casing Elevation (ft. MSL)	Vertical Well Depth (ft.)	Liner Elevation At Vertical Well	Recorded Elevation of As-built Head Well Inlet (ft. MSL)	Recorded Top of Horizontal Well Casing (ft. MSL)	Recorded Length to Head Well Inlet Elevation (ft.)	Recorded As-built Top of Casing at Toe of Side Slope (ft. MSL)	Recorded Well Length Measured Down the Side Slope (ft.)	Horizontal Well Side Slope (X:1)	Transducer Present (Y/N)	1/27/2015		2/24/2015		3/24/2015		4/21/2015		5/19/2015		6/26/2015		7/23/2015		8/31/2015		9/23/2015		10/19/2015		11/12/2015		12/9/2015	
													Depth to Liquid (ft.)	Feet of Head on Liner	Depth to Liquid (ft.)	Feet of Head on Liner	Depth to Liquid (ft.)	Feet of Head on Liner	Depth to Liquid (ft.)	Feet of Head on Liner	Depth to Liquid (ft.)	Feet of Head on Liner	Depth to Liquid (ft.)	Feet of Head on Liner	Depth to Liquid (ft.)	Feet of Head on Liner	Depth to Liquid (ft.)	Feet of Head on Liner	Depth to Liquid (ft.)	Feet of Head on Liner	Depth to Liquid (ft.)	Feet of Head on Liner	Depth to Liquid (ft.)	Feet of Head on Liner	Depth to Liquid (ft.)	Feet of Head on Liner
VLHW-1A	440	902.37	957.59	55.22	899.75	--	--	--	--	--	--	N	50.31	**7.53**	50.30	**7.54**	50.28	**7.56**	50.04	**7.80**	50.02	**7.82**	50.10	**7.74**	50.28	**7.56**	50.24	**7.60**	50.43	**7.41**	50.39	**7.45**	50.24	**7.60**	50.18	**7.66**
VLHW-2A	444	902.01	957.07	55.06	899.76	--	--	--	--	--	--	N	52.07	**5.24**	52.11	**5.20**	52.19	**5.12**	52.08	**5.23**	52.01	**5.30**	52.00	**5.31**	52.62	**4.69**	52.61	**4.70**	52.34	**4.97**	52.36	**4.95**	52.39	**4.92**	52.37	**4.94**
VLHW-3A	448	902.10	959.43	57.33	900.75	--	--	--	--	--	--	N	DRY	0.00	DRY	0.00	DRY	0.00	DRY	0.00	DRY	0.00	DRY	0.00	DRY	0.00	54.92	**3.76**	55.09	**3.59**	55.09	**3.59**	55.07	**3.61**	55.20	**3.48**
LHW-8	466	--	--	--	--	901.10	920.82	62.4	901.10	62.36	3	N	DRY	0.00	DRY	0.00	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LHW-9	468	--	--	--	--	906.67	925.25	58.8	906.70	58.66	3	N	DRY	0.00	DRY	0.00	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HW-10A	470	--	--	--	--	911.76	928.94	54.4	911.89	53.92	3	N	DRY	0.00	DRY	0.00	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HW-10B	472	--	--	--	--	916.52	931.10	46.2	914.53	52.40	3	N	DRY	0.00	DRY	0.00	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Well ID	DNR#	Recorded Elevation of Vertical Well Bottom (ft. MSL)	Vertical Well Top of Casing Elevation (ft. MSL)	Vertical Well Depth (ft.)	Liner Elevation At Vertical Well	Recorded Elevation of As-built Head Well Inlet (ft. MSL)	Recorded Top of Horizontal Well Casing (ft. MSL)	Recorded Length to Head Well Inlet Elevation (ft.)	Recorded As-built Top of Casing at Toe of Side Slope (ft. MSL)	Recorded Well Length Measured Down the Side Slope (ft.)	Horizontal Well Side Slope (X:1)	Bubbler Present [1] (Y/N)	1/27/2015		2/24/2015		3/24/2015		4/21/2015		5/19/2015		6/26/2015		7/23/2015		8/31/2015		9/23/2015		10/19/2015		11/10/2015		12/9/2015	
													Bubbler Reading (in.)	Feet of Head on Liner [2]	Bubbler Reading (in.)	Feet of Head on Liner [2]	Bubbler Reading (in.)	Feet of Head on Liner [2]	Bubbler Reading (in.)	Feet of Head on Liner [2]	Bubbler Reading (in.)	Feet of Head on Liner [2]	Bubbler Reading (in.)	Feet of Head on Liner [2]	Bubbler Reading (in.)	Feet of Head on Liner [2]	Bubbler Reading (in.)	Feet of Head on Liner [2]	Bubbler Reading (in.)	Feet of Head on Liner [2]	Bubbler Reading (in.)	Feet of Head on Liner [2]	Bubbler Reading (in.)	Feet of Head on Liner [2]	Bubbler Reading (in.)	Feet of Head on Liner [2]
LHW-4A	450	--	--	--	--	889.65	914.69	79.2	889.65	79.18	3	Y	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
LHW-4B	452	--	--	--	--	897.53	914.43	53.5	889.75	78.05	3	Y	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
LHW-5A	454	--	--	--	--	887.33	921.27	139.9	887.34	139.90	4	Y	2.3	0.19	5.7	0.48	1.7	0.14	3.5	0.29	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	1.9	0.16	1.8	0.15	2.8	0.23	3.1	0.26
LWH-5B	456	--	--	--	--	895.88	921.18	104.3	887.64	138.29	4	Y	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
LHW-6A	458	--	--	--	--	884.26	921.44	153.3	884.29	153.17	4	Y	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
LHW-6B	460	--	--	--	--	893.07	921.77	118.3	884.30	154.49	4	Y	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
LHW-7A	462	--	--	--	--	882.14	923.29	169.7	882.17	169.54	4	Y	1.7	0.14	1.8	0.15	0.5	0.04	3.0	0.25	4.0	0.33	2.7	0.23	2.1	0.18	3.0	0.25	3.2	0.27	3.3	0.28	1.3	0.11	2.2	0.18
LHW-7B	464	--	--	--	--	888.59	923.68	144.7	883.80	164.43	4	Y	0.0	0.00	2.3	0.19	1.5	0.13	5.0	0.42	3.8	0.32	3.1	0.26	3.0	0.25	1.6	0.13	2.7	0.23	2.9	0.24	0.6	0.05	1.5	0.13
LHW-8	466	--	--	--	--	901.10	920.82	62.4	901.10	62.36	3	Y	--	--	--	--	--	--	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
LHW-9	468	--	--	--	--	906.67	925.25	58.8	906.70	58.66	3	Y	--	--	--	--	--	--	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
HW-10A	470	--	--	--	--	911.76	928.94	54.4	911.89	53.92	3	Y	--	--	--	--	--	--	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
HW-10B	472	--	--	--	--	916.52	931.10	46.2	914.53	52.40	3	Y	--	--	--	--	--	--	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
LHW-11	474	--	--	--	--	892.50	924.44	101.1	892.70	100.37	3	Y	0.0	0.00	0.0	0.00	0.0	0.00	3.1	0.26	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
LHW-12	476	--	--	--	--	895.61	932.89	117.9	895.65	117.76	3	Y	0.0	0.00	0.7	0.06	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00

Note: All construction information and leachate head calculations were provided by Cornerstone Environmental Group personnel on 9/22/2014.
Depth to liquid measurements obtained from 2015 monthly SEH field forms.
1. Bubblers were installed in LHW-8, LHW-9, HW-10A, & HW-10B by April 2015.
2. Bubbler zero point set at the leachate head well inlet.

Bold font indicates leachate head levels greater than one foot.

Table B-2

Advanced Disposal Services
Seven Mile Creek Landfill
Leachate Volumes

Mon-Yr	Leachate Volume Pumped (gal.)		Leachate Volume Recirculated (gal.)
	Sector 1 (lic. #02821)	Sector 2 (lic.# 03097)	Sector 2 (lic.# 03097)
Jan-15	282,412	666,391	0
Feb-15	221,871	512,504	0
Mar-15	233,209	612,554	0
Apr-15	229,129	605,288	4,993
May-15	237,259	714,010	0
Jun-15	272,755	835,295	0
Jul-15	346,902	1,013,127	23,715
Aug-15	352,007	811,755	78,177
Sep-15	437,441	724,995	9,772
Oct-15	403,189	509,002	48,631
Nov-15	352,002	585,659	69,211
Dec-15	425,147	678,667	6,187
2015 Total:	**3,793,324**	**8,269,247**	**240,686**

Attachment B-1

Leachate Analytical Data Summaries – Sector 1 and Sector 2

Environmental Sampling Corporation
ADVANCED DISPOSAL SERVICES SEVEN MILE CREEK LANDFILL

Sector 1 Leachate Analytical Data Summary

Leachate Tank 1	PARAMETERS															
	Inorganic/Metals															
	Alkalinity	Ammonia Nitrogen	TKN	Nitrate Nitrogen	Iron	Sodium	Cadmium	Lead	Manganese	Mercury	Chloride	Hardness	BOD	Chromium	COD	Copper
DATE	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	ug/L	mg/L	ug/L
01/31/13	4,710	499	--	--	--	--	<0.39	3.6 J	--	<0.10	--	1,270	<75.0	27.9	968	4.8 J
02/26/13	--	511	--	--	--	--	11.4	361	--	0.62	--	--	102	147.0	1,390	433
04/23/13	2,680	293	321	NA	10.5	648	<0.48	<2.7	443	<0.10	737	858	37.4	16.7	575	4.8 J
07/23/13	3,430	397	--	--	--	--	6.7	144	--	0.46	--	1,570	77.2	86.2	1,320	174
08/27/13	--	315	--	--	--	--	0.94 J	7.5 J	--	<0.10	--	--	46.9	23.4	788	14.1
09/24/13	--	444	--	--	--	--	0.62 J	3.8 J	--	<0.10	--	--	56.9	25.6	931	5.2 J
10/22/13	4,420	560	485	--	62.1	1,120	1.1 J	35.3	851	<0.10	1,190	1,370	88.7	48.6	1,030	50.9
12/03/13	--	461	--	--	--	--	1.6 J	52.7	--	0.11 J	--	--	59.2	42.3	848	70.7
12/19/13	--	492	--	--	--	--	<0.48	<2.7	--	<0.10	--	--	62.8	26.1	1,250	4.6 J
01/22/14	4,370	488	--	--	--	--	1.7 J	41.0	--	0.11 J	--	1,370	76.2	44.9	1,080	43.8
02/25/14	--	7.7	--	--	--	--	<0.48	<2.7	--	<0.10	--	--	65.3	29.0	911	4.0 J
03/18/14	--	<15.0	--	--	--	--	<0.48	<2.7	--	<0.10	--	--	65.6	28.4	736	4.0 J
04/08/14	3,220	381	370	--	10.7	823	<1.0	<1.6	407	<0.10	878	977	54.2	20.0	662	5.1 J
05/29/14	--	279	--	--	--	--	<1.0	2.0 J	--	<0.10	--	--	44.4	15.4	585	5.0 J
06/24/14	--	448	--	--	--	--	1.2 J	77.4	--	<0.10	--	--	<200	60.7	904	83.2
07/24/14	3,570	406	--	--	--	--	2.7 J	125	--	0.19 J	--	2,330	167	73.6	1,200	160
08/21/14	--	401	--	--	--	--	<1.0	20.0	--	<0.10	--	--	112	37.9	798	26
09/25/14	--	222	--	--	--	--	<1.0	<1.6	--	<0.10	--	--	66.4	19.4	584	<3.4
10/14/14	--	274	--	--	--	--	<1.0	3.3 J	--	<0.10	--	--	48.6	16.6	651	<3.4
11/25/14	--	320	--	<3.0	--	--	<1.0	2.8 J	--	<0.10	--	--	59.8	24.9	716	5.2 J
12/18/14	--	234	--	--	--	--	<1.0	5.0 J	--	<0.10	--	--	61.8	25.2	735	7.2 J
01/27/15	--	381	--	--	--	--	<1.0	5.1 J	--	<0.10	--	--	122	34.0	845	<3.4
02/24/15	--	414	--	--	--	--	<1.0	2.1 J	--	<0.10	--	--	61.2	29.6	867	<3.4
03/24/15	--	268	--	--	--	--	<1.0	35.9	--	<0.10	--	--	81.6	77.0	982	36.2
04/21/15	3,430	315	383	<3.0	17.0	810	<1.0	1.9 J	580	<0.10	825	1,010	57.6	22.1	663	<3.4
05/19/15	--	347	--	--	--	--	<1.0	<1.6	--	<0.10	--	--	65.4	28.3	749	<3.4
06/24/15	--	297	--	--	--	--	<1.0	6.9 J	--	<0.10	--	--	95.0	28.9	824	5.6 J
07/23/15	--	304	--	--	--	--	<1.0	2.7 J	--	<0.10	--	--	57.0	23.5	699	<3.4
08/31/15	--	281	--	--	--	--	<1.0	2.4 J	--	<0.10	--	--	40.4	14.7	584	<3.4
09/22/15	--	239	--	--	--	--	<1.0	4.9 J	--	<0.10	--	--	38.6	12.6	515	<3.4
10/13/15	--	382	--	--	--	--	<1.0	4.3 J	--	<0.10	--	--	77.6	30.2	778	8.4 J
11/12/15	--	310	--	--	--	--	<1.0	<1.6	--	<0.022	--	--	77.6	20.9	630	4.8 J
12/08/15	--	379	--	--	--	--	<1.0	22.8	--	<0.10	--	--	124	45.3	944	27.7

Table notes are provided on the last page of the summary.

Environmental Sampling Corporation
ADVANCED DISPOSAL SERVICES SEVEN MILE CREEK LANDFILL

Sector 1 Leachate Analytical Data Summary

Leachate Tank 1	PARAMETERS									
	Inorganic/Metals						Physical Parameters			
	Nickel	Phosphorus *	Silver	Zinc	Cyanide	Oil & Grease	pH (lab) *	pH (field)	Conductivity	Temp.
DATE	ug/L	mg/L	ug/L	ug/L	mg/L	mg/L	s.u.	s.u.	umhos @ 25C	deg. C
01/31/13	118	1.8	<2.3	41.0	<0.026	3.4 J	7.8	7.48	16,450	3.9
02/26/13	266	27.6	<3.4	6,630	0.043 J	27.2	8.0	7.74	>3,999	16.2
04/23/13	73.4	0.79	<1.7	56.9	<0.023	2.2 J	7.8	7.76	7,390	8.9
07/23/13	161	118	2.1 J	3,880	<0.023	69.7	7.8	7.67	9,450	16.0
08/27/13	93.1	2.4	<1.7	536	0.026 J	3.2 J	7.3	7.38	10,250	20.1
09/24/13	103	2.5	<1.7	67.8	0.053 J	3.5 J	7.4	7.10	10,360	15.6
10/22/13	143	7.2	<3.4	661	<0.023	27.1	7.9	7.68	10,270	10.3
12/03/13	127	5.9	<1.7	831	<0.023	10.0	7.5	7.54	9,620	9.8
12/19/13	122	2.3	<1.7	39.1 J	<0.023	4.0 J	7.3	8.19	>20,000	7.6
01/22/14	142	6.6	<1.7	735	<0.023	11.9	7.4	7.78	16,450	3.9
02/25/14	129	2.4	<1.7	36.8 J	0.19	5.0 J	7.4	7.42	16,450	4.2
03/18/14	130	1.7	<1.7	44.0	0.024 J	4.0 J	7.7	7.92	10,970	12.7
04/08/14	92.5	1.5	<3.2	56.2	<0.060	3.3 J	7.4	7.62	6,210	16.9
05/29/14	66.8	1.5	<3.2	23.2 J	<0.030	2.3 J	7.2	7.29	7,980	17.1
06/24/14	132	6.8	<3.2	1,210	<0.060	18.4	7.7	7.95	9,600	17.6
07/24/14	134	22.9	<3.2	2,150	<0.060	69.3	7.7	7.81	9,410	18.2
08/21/14	112	4.9	<3.2	716	<0.030	14.7	7.6	7.07	9,980	15.7
09/25/14	76.1	1.7	<3.2	20.9 J	0.023	10.4	7.4	7.09	9,740	17.1
10/14/14	69.2	--	<3.2	29.2 J	<0.060	3.4 J	--	6.92	7,490	14.3
11/25/14	93.6	--	<3.2	41.7	<0.12	2.0 J	--	7.14	9,620	16.2
12/18/14	91.3	--	<3.2	65.1	<0.020	2.4 J	--	8.38	8,640	9.4
01/27/15	114	--	<3.2	48.2	<0.060	4.9	--	7.04	9,060	12.2
02/24/15	106	--	<3.2	55.0	<0.060	3.2 J	--	7.16	9,140	13.1
03/24/15	112	--	<3.2	568	<0.060	7.5	--	7.19	9,040	11.6
04/21/15	85.2	--	<3.2	36.4 J	<0.020	1.3 J	--	7.31	8,720	16.1
05/19/15	98.2	--	<3.2	23.3 J	<0.060	2.9 J	--	7.14	9,010	12.9
06/24/15	96.6	--	<3.2	78.1	<0.020	13.8	--	7.17	9,070	13.2
07/23/15	81.8	--	<3.2	31.4 J	<0.030	1.8 J	--	7.14	8,040	20.1
08/31/15	61.0	--	<3.2	19.2 J	<0.020	1.8 J	--	7.11	8,010	18.7
09/22/15	53.9	--	<3.2	18.9 J	<0.060	0.95 J	--	7.04	8,000	18.1
10/13/15	93.2	--	<3.2	114	<0.060	2.9 J	--	6.94	7,570	14.6
11/12/15	77.5	--	5.7 J	38.3 J	<0.020	<0.93	--	6.95	7,420	13.7
12/08/15	101	--	<3.2	699	<0.060	5.6	--	6.99	7,310	13.0

Table notes are provided on the last page of the summary.

Environmental Sampling Corporation
ADVANCED DISPOSAL SERVICES SEVEN MILE CREEK LANDFILL

Sector 1 Leachate Analytical Data Summary

Leachate Tank 1	PARAMETERS												
	Volatile Organic Compounds (VOCs)									PCBs	SVOCs		
	1,4-Dichloro-benzene	Acetone	Chloro-benzene	Ethyl-benzene	MEK (2-Butanone)	Napthalene	Tetra-hydro-furan	m&p-Xylene	o-Xylene	Total PCBs	Diethyl phthalate	Naphthalene	N-Nitroso-diphenylamine
DATE	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
01/31/13	<9.5	<49.9	<4.1	<5.4	<43.0	<8.9	447	<18.0	<8.3	--	--	--	--
02/26/13	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/13	<9.5	66.0 J	<4.1	<5.4	<43.0	<8.9	287	<18.0	<8.3	<0.30	<13.5	<7.0	<24.5
07/23/13	<4.3	109 J	<3.6	6.5 J	27.7 J	<25.0	415	10.4 J	5.9 J	--	--	--	--
08/27/13	--	--	--	--	--	--	--	--	--	--	--	--	--
09/24/13	--	--	--	--	--	--	--	--	--	--	--	--	--
10/22/13	2.3 J	52.1	1.2 J	2.0 J	14.2 J	7.6 J	376	8.7	3.3	<2.5	<13.5	<7.0	<24.5
12/03/13	--	--	--	--	--	--	--	--	--	--	--	--	--
12/19/13	--	--	--	--	--	--	--	--	--	--	--	--	--
01/22/14	5.6 J	73.4 J	3.6 J	11.7	69.6 J	<25.0	519	21.0	9.0 J	--	--	--	--
02/25/14	--	--	--	--	--	--	--	--	--	--	--	--	--
03/18/14	--	--	--	--	--	--	--	--	--	--	--	--	--
04/08/14	<2.5	63.3 J	<2.5	5.6	48.1 J	<12.5	385	13.1	6.7	<0.24	5.5 J	<15.0	<21.8
05/29/14	--	--	--	--	--	--	--	--	--	--	--	--	--
06/24/14	--	--	--	--	--	--	--	--	--	--	--	--	--
07/24/14	<5.0	59.1 J	<5.0	<5.0	<29.8	<25.0	315	<10.0	<5.0	--	--	--	--
08/21/14	--	--	--	--	--	--	--	--	--	--	--	--	--
09/25/14	--	--	--	--	--	--	--	--	--	--	--	--	--
10/14/14	--	--	--	--	--	--	--	--	--	--	--	--	--
11/25/14	--	--	--	--	--	--	--	--	--	--	--	--	--
12/18/14	--	--	--	--	--	--	--	--	--	--	--	--	--
01/27/15	--	--	--	--	--	--	--	--	--	--	--	--	--
02/24/15	--	--	--	--	--	--	--	--	--	--	--	--	--
03/24/15	--	--	--	--	--	--	--	--	--	--	--	--	--
04/21/15	<5.0	40.2 J	<5.0	8.6 J	<29.8	<25.0	433	16.8 J	<5.0	--	1.6 J	4.8 J	12.4 J
05/19/15	--	--	--	--	--	--	--	--	--	--	--	--	--
06/24/15	--	--	--	--	--	--	--	--	--	--	--	--	--
07/23/15	--	--	--	--	--	--	--	--	--	--	--	--	--
08/31/15	--	--	--	--	--	--	--	--	--	--	--	--	--
09/22/15	--	--	--	--	--	--	--	--	--	--	--	--	--
10/13/15	--	--	--	--	--	--	--	--	--	--	--	--	--
11/12/15	--	--	--	--	--	--	--	--	--	--	--	--	--
12/08/15	--	--	--	--	--	--	--	--	--	--	--	--	--

Table notes are provided on the last page of the summary.

Environmental Sampling Corporation
ADVANCED DISPOSAL SERVICES SEVEN MILE CREEK LANDFILL

Sector 1 Leachate Analytical Data Summary

Leachate Tank 1	PARAMETERS									
	Volatile Fatty Acids (VFAs)									
	Lactic Acid	Acetic Acid	Propionic Acid	Formic Acid	Butyric Acid	Pyruvic Acid	i-Pentanoic Acid	Pentanoic Acid	i-Hexanoic Acid	Hexanoic Acid
DATE	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
01/31/13	0.79 J	0.44 J	0.30 J	<0.10	0.36 J	<0.040	<0.12	<0.10	<0.13	<0.39
02/26/13	--	--	--	--	--	--	--	--	--	--
04/23/13	--	--	--	--	--	--	--	--	--	--
07/23/13	<0.13	5.8	1.4	0.68 J	1.2	0.83 J	0.52 J	0.30 J	<0.29	<2.2
08/27/13	--	--	--	--	--	--	--	--	--	--
09/24/13	--	--	--	--	--	--	--	--	--	--
10/22/13	6.8 J	2.6 J	2.0 J	6.2 J	4.2 J	<1.4	<0.90	<1.1	<2.9	<22
12/03/13	--	--	--	--	--	--	--	--	--	--
12/19/13	--	--	--	--	--	--	--	--	--	--
01/22/14	5.6 J	6.1 J	4.4 J	6.3 J	3.9 J	5.5 J	6.8 J	2.7 J	<2.9	<22
02/25/14	--	--	--	--	--	--	--	--	--	--
03/18/14	--	--	--	--	--	--	--	--	--	--
04/08/14	--	--	--	--	--	--	--	--	--	--
05/29/14	--	--	--	--	--	--	--	--	--	--
06/24/14	--	--	--	--	--	--	--	--	--	--
07/24/14	2.7 J	3.9 J	3.9 J	3.7 J	<0.70	<0.90	<0.80	<1.4	<10	<12
08/21/14	--	--	--	--	--	--	--	--	--	--
09/25/14	--	--	--	--	--	--	--	--	--	--
10/14/14	--	--	--	--	--	--	--	--	--	--
11/25/14	--	--	--	--	--	--	--	--	--	--
12/18/14	--	--	--	--	--	--	--	--	--	--
01/27/15	--	--	--	--	--	--	--	--	--	--
02/24/15	--	--	--	--	--	--	--	--	--	--
03/24/15	--	--	--	--	--	--	--	--	--	--
04/21/15	--	--	--	--	--	--	--	--	--	--
05/19/15	--	--	--	--	--	--	--	--	--	--
06/24/15	--	--	--	--	--	--	--	--	--	--
07/23/15	--	--	--	--	--	--	--	--	--	--
08/31/15	--	--	--	--	--	--	--	--	--	--
09/22/15	--	--	--	--	--	--	--	--	--	--
10/13/15	--	--	--	--	--	--	--	--	--	--
11/12/15	--	--	--	--	--	--	--	--	--	--
12/08/15	--	--	--	--	--	--	--	--	--	--

Notes:
mg/L = milligrams per liter
ug/L = micrograms per liter
s.u. = standard units
J = result value was between the laboratory limit of detection and limit of quantitation.
< = The analyte was not detected at a concentration at or above the method detection limit (i.e. < MDL)
-- = Analysis was not required.
NA = Not analzyed. Due to an error in the April 2013 request for analysis, the annual nitrate nitrogen analysis was not conducted on the leachate sample collected from Sector 1. This error was recognized in 2014, after the completion of the 2013 sampling events.
In accordance with the December 18, 2007 Plan Modification Approval, annual monitoring is required at the leachate tank in April. Additional monitoring was conducted in accordance with the wastewater treatment plant monitoring requirements.
B = Analyte was detected in the Trip Blank
* = No longer analyzed due to requirement change in 2014

Environmental Sampling Corporation
ADVANCED DISPOSAL SERVICES SEVEN MILE CREEK LANDFILL

Sector 2 Leachate Analytical Data Summary

Leachate Tank 2	PARAMETERS													
	Inorganic/Metals													
	Alkalinity	Ammonia Nitrogen	TKN	Iron	Sodium	Cadmium	Lead	Manganese	Mercury	Chloride	Hardness	BOD	Chromium	COD
DATE	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	ug/L	mg/L
01/31/13	16,400	1,250	--	--	--	1.3 J	21.1	--	0.15 J	--	919	2,810	494	7,820
02/26/13	--	1,040	--	--	--	1.7 J	26.3	--	0.12 J	--	--	1,710	606	6,100
03/18/13	--	1,180	--	--	--	1.4 J	20.9	--	<0.10	--	--	1,490	489	4,690
04/23/13	2,720	445	530	39.2	1,100	1.0 J	10.0	2,860	0.24	1,110	1,040	2,700	120	4,420
05/30/13	-	484	--	--	--	1.8 J	24.3	--	0.12 J	--	--	2,050	244	4,240
06/27/13	--	529	--	--	--	1.2 J	24.9	--	0.23	--	--	761	177	2,330
07/23/13	7,790	1,150	--	--	--	4.2 J	83.2	--	0.85	--	1,600	4,360	523	7,960
08/22/13	--	1,530	--	--	--	2.0 J	42.5	--	<0.10	--	--	4,220	609	8,500
09/24/13	--	1,320	--	--	--	<2.4	25.2 J	--	<0.10	--	--	4,560	569	4,560
10/22/13	17,000	1,310	1,370	35.7	3,690	2.0 J	36.3	2,710	<0.10	4,190	1,440	4,980	565	9,290
12/03/13	--	1,380	--	--	--	0.90 J	26.40	--	0.14 J	--	--	3,350	552	7,370
12/19/13	--	1,180	--	--	--	1.6 J	27.8	--	0.24	--	--	2,930	584	7,480
01/21/14	9,080	1,550	--	--	--	1.0 J	17.5	--	0.15 J	--	941	2,380	569	6,800
02/25/14	--	1,390	--	--	--	1.4 J	29.9	--	<0.10	--	--	1,790	588	5,890
03/18/14	--	572	--	--	--	<0.48	11.4	--	<0.10	--	--	1,220	221	2,430
04/08/14	3,980	492	626	8.57	1,600	1.6 J	7.1 J	1,830	0.14 J	1,600	602	936	185	2,560
05/29/14	--	862	--	--	--	1.5 J	23.3	--	<0.10	--	--	1,490	330	4,070
06/24/14	--	657	--	--	--	<1.0	28.5	--	<0.10	--	--	3,540	418	5,790
07/24/14	7,690	1,050	--	--	--	<1.0	31.6	--	0.11 J	--	944	1,040	466	3,700
08/21/14	--	1,350	--	--	--	<1.0	21.0	--	<0.10	--	--	1,800	469	6,070
09/25/14	--	830	--	--	--	1.5 J	16.7	--	<0.10	--	--	3,350	421	5,610
10/14/14	6,360	605	1,130	42.5	2,600	<1.0	23.4	3,950	<0.10	2,460	1,120	2,680	401	5,470
11/25/14	--	604	--	--	--	<1.0	18.2	--	<0.10	--	--	2,120	329	4,540
12/18/14	--	571	--	--	--	1.7 J	26.5	--	<0.10	--	--	1,230	380	3,520
01/27/15	--	949	--	--	--	1.1J	21.1	--	<0.10	--	--	1,700	404	4,410
02/24/15	--	1,120	--	--	--	<1.0	18.6	--	<0.10	--	--	1,280	525	2,380
03/24/15	--	1,050	--	--	--	1.0 J	19.3	--	<0.10	--	--	2,610	444	6,440
04/21/15	8,590	943	1,430	32.3	3,120	<1.0	18.3	2,090	<0.10	3,620	967	1,380	563	4,590
05/19/15	--	864	--	--	--	<1.0	22.6	--	<0.10	--	--	2,350	470	6,160
06/23/15	--	931	--	--	--	<1.0	21.1	--	<0.10	--	--	3,880	539	7,260
07/23/15	--	1,030	--	--	--	<1.0	32.6	--	<0.10	--	--	1,120	714	4,960
08/31/15	--	915	--	--	--	<1.0	23.1	--	<0.10	--	--	913	519	4,180
09/22/15	--	1,040	--	--	--	<1.0	14.5	--	<0.10	--	--	5,290	416	8,660
10/13/15	9,000	1,240	1,430	56.8	3,590	<1.0	13.3	3,520	<0.10	3,890	1,190	2,310	460	5,700
11/12/15	--	945	--	--	--	<1.0	14.5	--	0.023 J	--	--	4,000	382	6,580
12/08/15	--	963	--	--	--	<1.0	14.4	--	<0.10	--	--	4,900	484	8,340

Table notes are provided on the last page of the data summary.

Environmental Sampling Corporation
ADVANCED DISPOSAL SERVICES SEVEN MILE CREEK LANDFILL

Sector 2 Leachate Analytical Data Summary

Leachate Tank 2	PARAMETERS										
	Inorganics/Metals							Physical Parameters			
	Copper	Nickel	Phosphorus *	Silver	Zinc	Cyanide	Oil & Grease	pH (lab) *	pH (field)	Conductivity	Temp.
DATE	ug/L	ug/L	mg/L	ug/L	ug/L	mg/L	mg/L	s.u.	s.u.	umhos @ 25C	deg. C
01/31/13	118	410	12.6	<2.3	560	0.055 J	19.0	7.9	8.41	19,870	3.8
02/26/13	81.7	532	10.1	<3.4	760	0.050 J	42.6	8.1	8.14	73,999	8.9
03/18/13	111	443	11.3	<1.7	588	0.075 J	38.5	8.1	7.87	>20,000	18.9
04/23/13	57.8	197	5.7	<1.7	2,000	0.033 J	17.5	7.2	7.09	9,610	10.4
05/30/13	55.9	281	8.1	<1.7	4,000	0.026 J	29.7	7.4	7.86	15,190	23.8
06/27/13	76.8	192	6.3	<1.7	2,200	0.029 J	27.3	7.8	7.87	12,140	29.3
07/23/13	144	543	10.0	<3.4	11,400	<0.023	105	7.9	8.08	>20,000	26.8
08/22/13	167	555	13.1	<3.4	4,050	0.076 J	93.0	7.9	8.20	>20,000	24.7
09/24/13	43.1 J	552	12.3	<8.5	2,760	0.069 J	100	8.0	7.73	>20,000	21.7
10/22/13	86.0	530	12.7	<3.4	2,840	0.042 J	62.7	8.0	7.99	>20,000	15.5
12/03/13	38.1	498	13.6	2.5 J	2,280	0.044 J	50.3	8.0	8.25	>20,000	10.0
12/19/13	51.8	525	14.4	<1.7	2,010	0.042 J	64.6	7.9	7.45	10,310	9.5
01/21/14	45.3	506	14.8	1.8 J	1,550	0.050 J	48.1	8.0	8.11	19,870	3.8
02/25/14	42.3	603	13.8	2.2 J	2,840	0.056 J	40.0	8.1	8.32	19,920	14.1
03/18/14	47.4	243	6.4	<1.7	622	0.042 J	45.5	7.4	7.82	13,830	13.2
04/08/14	69.2	258	5.6	<3.2	2,840	<0.060	24.6	7.6	7.23	9,420	18.4
05/29/14	86.4	496	13.6	<3.2	3,280	<0.060	36.1	7.6	7.14	9,810	NA
06/24/14	97.3	616	11.2	<3.2	5,810	<0.060	46.5	7.7	7.77	18,980	27.4
07/24/14	73.8	571	11.6	<3.2	2,310	<0.060	35.8	8.2	7.84	18,940	27.8
08/21/14	35.7	427	14.1	<3.2	828	0.077 J	43.2	7.8	7.88	19,890	25.0
09/25/14	34.4	376	12.1	<3.2	1,000	<0.12	37.8	7.8	7.82	19,760	25.4
10/14/14	51.9	521	--	<3.2	2,500	<0.060	42.4	--	7.78	18,970	17.7
11/25/14	67.4	497	--	<3.2	1,820	<0.12	16.7	--	7.74	19,710	23.2
12/18/14	94.9	446	--	<3.2	1,810	<0.060	20.5	--	7.49	18,290	17.2
01/27/15	29.5	455	--	<3.2	1,330	<0.060	27.8	--	7.24	14,070	16.8
02/24/15	31.1	531	--	3.5 J	834	<0.060	21.3	--	7.41	14,190	16.9
03/24/15	34.4	671	--	<3.2	1,630	<0.060	27.4	--	7.43	14,230	15.2
04/21/15	39.8	519	--	<3.2	1,180	0.035 J	32.2	--	7.59	14,390	17.4
05/19/15	305	627	--	<3.2	1,410	<0.060	4.2 J	--	7.47	14,170	14.9
06/23/15	42.7	784	--	4.6 J	1,750	<0.060	44.7	--	7.59	14,080	15.3
07/23/15	41.2	666	--	3.8 J	1,280	<0.060	32.4	--	7.19	13,040	20.1
08/31/15	42.1	556	--	<3.2	795	0.068 J	22.0	--	7.13	12,740	20.1
09/22/15	24.6	964	--	<3.2	2,390	<0.060	56.0	--	7.17	11,840	20.0
10/13/15	26.8	705	--	<3.2	2,470	<0.060	4.4 J	--	7.40	19,000	16.8
11/12/15	26.0	746	--	8.9 J	1,570	<0.060	<0.87	--	7.30	18,700	13.9
12/08/15	26.1	1,070	--	<3.2	3,340	<0.060	2.0 J	--	7.31	18,640	11.8

Table notes are provided on the last page of the data summary.

Environmental Sampling Corporation
ADVANCED DISPOSAL SERVICES SEVEN MILE CREEK LANDFILL

Sector 2 Leachate Analytical Data Summary

Leachate Tank 2		PARAMETERS											
	Volatile Organic Compounds (VOCs)										PCBs	SVOCs	
	1,4-Dichloro-benzene	Acetone	Ethyl-benzene	Methylene Chloride	MEK (2-Butanone)	Tetrahydrofuran	Tetrachloroethene	Toluene	m&p-Xylene	o-Xylene	Total PCBs	m-&p-Cresol	Phenol
DATE	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
01/31/13	<47.5	8,310	<27.0	<21.5	6,820	1,570	<22.5	<33.5	<90.0	<41.5	--	--	--
02/26/13	--	--	--	--	--	--	--	--	--	--	--	--	--
03/18/13	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/13	<47.5	2,910	<27.0	<21.5	<215	940	29.8 J	60.3	<90.0	<41.5	<3.0	1,570 J	1,270 J
05/30/13	--	--	--	--	--	--	--	--	--	--	--	--	--
06/27/13	--	--	--	--	--	--	--	--	--	--	--	--	--
07/23/13	<43.4	10,500	<50.0	<35.9	8,010	1,440	<47.2	<43.9	<81.7	<50.0	--	--	--
08/22/13	--	--	--	--	--	--	--	--	--	--	--	--	--
09/24/13	--	--	--	--	--	--	--	--	--	--	--	--	--
10/22/13	<43.4	6,480	<50.0	<35.9	5,840	1,190	<47.2	<43.9	<81.7	<50.0	<2.5	3,010	742 J
12/03/13	--	--	--	--	--	--	--	--	--	--	--	--	--
12/19/13	--	--	--	--	--	--	--	--	--	--	--	--	--
01/21/14	<17.4	7,410	<20.0	<14.3	5,800	1,680	<18.9	<17.5	<32.7	<20.0	--	--	--
02/25/14	--	--	--	--	--	--	--	--	--	--	--	--	--
03/18/14	--	--	--	--	--	--	--	--	--	--	--	--	--
04/08/14	<5.0	1,320	9.1 J	5.0 J	964	879	<5.0	21.1	15.0 J	7.6 J	0.29 J	365	263
05/29/14	--	--	--	--	--	--	--	--	--	--	--	--	--
06/24/14	--	--	--	--	--	--	--	--	--	--	--	--	--
07/24/14	<5.0	2,460	<5.0	<2.3	1,560	1,100	<5.0	7.6 J	<10.0	<5.0	--	--	--
08/21/14	--	--	--	--	--	--	--	--	--	--	--	--	--
09/25/14	--	--	--	--	--	--	--	--	--	--	--	--	--
10/14/14	<12.5	3,400	16.3 J	<5.8	1,630	1,060	<12.5	53.4	28.2 J	<12.5	<0.24	--	--
11/25/14	--	--	--	--	--	--	--	--	--	--	--	--	--
12/18/14	--	--	--	--	--	--	--	--	--	--	--	--	--
01/27/15	--	--	--	--	--	--	--	--	--	--	--	--	--
02/24/15	--	--	--	--	--	--	--	--	--	--	--	--	--
03/24/15	--	--	--	--	--	--	--	--	--	--	--	--	--
04/21/15	11.5	3,460	10.5	<2.3 B	3,890	1,620	<5.0	37.3	28.3	<5.0	<2.5	945	755
05/19/15	--	--	--	--	--	--	--	--	--	--	--	--	--
06/23/15	--	--	--	--	--	--	--	--	--	--	--	--	--
07/23/15	--	--	--	--	--	--	--	--	--	--	--	--	--
08/31/15	--	--	--	--	--	--	--	--	--	--	--	--	--
09/22/15	--	--	--	--	--	--	--	--	--	--	--	--	--
10/13/15	<20.0	3,640	<20.0	<9.3	3,090	1,180	<20.0	34.2 J	<40.0	<20.0	<0.25	--	--
11/12/15	--	--	--	--	--	--	--	--	--	--	--	--	--
12/08/15	--	--	--	--	--	--	--	--	--	--	--	--	--

Table notes are provided on the last page of the data summary.

Environmental Sampling Corporation
ADVANCED DISPOSAL SERVICES SEVEN MILE CREEK LANDFILL

Sector 2 Leachate Analytical Data Summary

Leachate Tank 2	PARAMETERS									
	Volatile Fatty Acids (VFAs)									
	Lactic Acid	Acetic Acid	Propionic Acid	Formic Acid	Butyric Acid	Pyruvic Acid	i-Pentanoic Acid	Pentanoic Acid	i-Hexanoic Acid	Hexanoic Acid
DATE	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
01/31/13	3.8 J	920	540	33	280	29	36	84	<1.3	83
02/26/13	--	--	--	--	--	--	--	--	--	--
03/18/13	--	--	--	--	--	--	--	--	--	--
04/23/13	--	--	--	--	--	--	--	--	--	--
05/30/13	--	--	--	--	--	--	--	--	--	--
06/27/13	--	--	--	--	--	--	--	--	--	--
07/23/13	<50	970	720	48	340	35	26	200	<2.9	89
08/22/13	--	--	--	--	--	--	--	--	--	--
09/24/13	--	--	--	--	--	--	--	--	--	--
10/22/13	--	--	--	--	--	--	--	--	--	--
12/03/13	--	--	--	--	--	--	--	--	--	--
12/19/13	--	--	--	--	--	--	--	--	--	--
01/21/14	5.0 J	510	410	44	150	31	32	40	<2.9	44 J
02/25/14	--	--	--	--	--	--	--	--	--	--
03/18/14	--	--	--	--	--	--	--	--	--	--
04/08/14	--	--	--	--	--	--	--	--	--	--
05/29/14	--	--	--	--	--	--	--	--	--	--
06/24/14	--	--	--	--	--	--	--	--	--	--
07/24/14	1.8 J	210	140	17	49	9.0 J	12 J	16	40	<12
08/21/14	--	--	--	--	--	--	--	--	--	--
09/25/14	--	--	--	--	--	--	--	--	--	--
10/14/14	--	--	--	--	--	--	--	--	--	--
11/25/14	--	--	--	--	--	--	--	--	--	--
12/18/14	--	--	--	--	--	--	--	--	--	--
01/27/15	--	--	--	--	--	--	--	--	--	--
02/24/15	--	--	--	--	--	--	--	--	--	--
03/24/15	--	--	--	--	--	--	--	--	--	--
04/21/15	8.8 J	310	170	17	78	13 J	14 J	21	<20	19 J
05/19/15	--	--	--	--	--	--	--	--	--	--
06/23/15	--	--	--	--	--	--	--	--	--	--
07/23/15	--	--	--	--	--	--	--	--	--	--
08/31/15	--	--	--	--	--	--	--	--	--	--
09/22/15	--	--	--	--	--	--	--	--	--	--
10/13/15	--	--	--	--	--	--	--	--	--	--
11/12/15	--	--	--	--	--	--	--	--	--	--
12/08/15	--	--	--	--	--	--	--	--	--	--

Notes:
mg/L = milligrams per liter
ug/L = micrograms per liter
s.u. = standard units
J = result value was between the laboratory limit of detection and limit of quantitation.
< = The analyte was not detected at a concentration at or above the method detection limit (i.e. < MDL)
-- = Analysis was not required.
In accordance with the April 19, 2005 Conditional Plan of Operation, semi-annual monitoring is required at the leachate tank in April and October. Additional monitoring was conducted in accordance with the Organic Stability Plan and the wastewater treatment plant monitoring requirements.
The June 2013 oil & grease sample was collected on July 2, 2013.
B = Analyte was detected in the Trip Blank
ND = Analyte was not detected
# Analytical data provided by Siemens for April 2012, Analytical data provided by Pace Analytical, Inc. for following events
* = No longer analyzed due to requirement change in 2014

Attachment B-2

Annual Leachate Head Well Total Monitoring Data – Sector 1

Advanced Disposal - SEVEN MILE CREEK GROUNDWATER MONITORING FIELD FORM
Semi Annual Misc. Monitoring Sector 1, License No. 2821 (1 of 1)
MONTH: April 2015

Purging Phase										Sampling Phase										
Well ID DNR #	Date	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth Current (ft.)	Total Depth Original (ft.)	Height of Water Col. (ft.)	Amount Purged (gal.)	Date	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
LE-1 23																				
LHW-1A 33	4/24		930.24	Dry	0.00	39.80		0.0												
LHW-1B 38	4/24		928.56	36.87	891.69	38.62		1.8												
LHW-2A 36	4/24		932.23	Dry	0.00	43.75		0.0												
LHW-2B 37	4/24		929.16	38.17	890.99	40.14		2.0												
LHW-3A 35	4/24		933	33.74	899.26	36.23		2.5												
LHW-3BR 39	4/24		925.92	NA	0.00	4.55		0.0												
LHW-4A 40	4/24		943.64	51.68	891.96	55.21		3.5												
LHW-4B 42	4/24		937.85	47.29	890.56	48.97		1.7												
LHW-5A 44	4/24		926.05	36.08	889.97	45.83		9.8												
LHW-5B 46	4/24		925.41	Dry	0.00	38.16		0.0												
LHW-6A 48	4/24		NA	28.20	#VALUE!	32.78		4.6												
LHW-6B 50	4/24		918.53	28.41	890.12	29.72		1.3												

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES:
LHW-6A _needs elevation updated since September 2014 well development effort

WEATHER **Wind Speed:** **Direction:** **Temp.:**
Date: **Overview:**
Date Equipment Used: 4/24/2015
pH Meter: Hanna **pH 7.0:** 7.00 **pH 4.0:** 4.00 **Slope:** --
Spec. Cond. Meter: Hanna **Standard:** **Reading:**
Temperature:

Facility Name: **Advanced Disposal - SEVEN MILE CREEK LANDFILL**
Facility Address: 8001 Olson Drive; Eau Claire, WI 54702
SEH Personnel:

Client: **Advanced Disposal Services Inc.** **Page:** **1** **of** **8**
Project:
Prepared by: MFR **Date:** 4/30/2015
Checked by: MFR **Date:**

DARK SHADED AREAS IDENTIFY INFORMATION THAT DOES NOT NEED TO BE COLLECTED
LIGHTLY SHADED AREAS INDICATE DATA TO BE INCLUDED ON ANALYTICAL REPORT AND CORRESPONDING DATA FILE.

Subject:	HW3BR
From:	Dean Marten (Dean.Marten@advanceddisposal.com)
To:	escstaff@yahoo.com;
Date:	Tuesday, October 20, 2015 9:37 AM

I taped this well this morning. I had liquid at 17ft and total depth 29ft. any questions let me know.

Dean Marten | Landfill Gas Technician

Advanced Disposal

8001 Olson Drive| Eau Claire | WI 54703
T:715-830-0284 | F: 715-830-0285 | E: dean.marten@advanceddisposal.com Cell:715-579-0249

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Attachments

- image001.jpg (2.27KB)

Appendix C

Facility Maintenance and Inspections

Attachment C-1

Maintenance and Repair Summary

Advanced Disposal Services
Seven Mile Creek Landfill

Maintenance and Repair Summary

Date	Sector	Component or Location	Maintenance/ Repairs Conducted
02/24/15	1 & 2	Blower/Flare	Twin City Fan replaced the bearings and belts and balanced. Site personnel installed loaner flow meters for annual calibration. Replaced tripped fuse on loaner flow meter.
03/11/15	1 & 2	Blower/Flare	Landfill gas flow meters were factory calibrated.
03/18/15	2	Wellfield	Hooked up vacuum lines for temporary rain cover.
03/19/15	2	Wellfield	Hooked up vacuum lines for temporary rain cover.
03/20/15	2	Wellfield	Hooked up vacuum lines for temporary rain cover.
04/14/15	2	Wellfield and Leachate Extraction	Raised vacuum lines, air lines, and forcemain for eight acre final cover.
04/22/15	1 & 2	Blower/Flare	Riverview installed three valves in the header pipe.
05/06/15	2	Wellfield	Installed 3" wellhead at gas extraction well GW-2.
05/18/15	2	Wellfield	Abandoned supplemental gas extraction point S2P04OC2.
05/28/15	2	Wellfield	Replaced Jeneer panel at gas extraction well GW-16A.
06/10/15	1 & 2	Blower/Flare	Replaced 6" valve and cleaned demister pad.
06/10/15	1 & 2	Blower/Flare	Installed factory calibrated flare and DPC flow meters.
06/27/15	2	Wellfield	Replaced sample port at gas extraction well GW-41.
07/08/15	2	Wellfield	Replaced wellhead at gas extraction well GW-30.
07/12/15	2	Wellfield	Added bentonite to gas extraction well GW-12A surface seal.
07/21/15	2	Wellfield	Replaced wellhead and Kanaflex at gas extraction well GW-25A.
07/21/15	2	Wellfield	Abandoned twelve supplemental gas extraction points (S2P08OC4, S2P01OC6, 2P02OC1, S2P08OC7, S2P11OC1, S2P5LCO1, S2P6LCO1, S2P08LC1, S2P11LC1, S2P11LC2, S2P11LC3, and S2P11LC4).
08/12/15	1	Leachate Head Well	Repaired and extended Sector 1 leachate head well LHW-3BR.
08/25/15	2	Phase 11	Conducted repairs on west slope washouts noted in the July and August 2015
08/31/15	2	Phases 6 & 7	Removed silt from ditches noted in the monthly inspection.
09/15/15	2	Phases 11 & 12	Conducted repairs on Phase 11 west slope and Phase 12 east slope washouts noted in the monthly inspection.
10/15/15	2	Wellfield	Raised gas extraction well GW-15A.
10/21/15	2	Wellfield	Replaced Jeneer pump at gas extraction well GW-18.
10/21/15	2	Wellfield	Replaced Jeneer pump at gas extraction well GW-30.
10/31/15	1	DH-42A, DH-42	SEH replaced locks at the groundwater monitoring wells during the October 2015 event.
11/02/15	1	Wellfield	Cut down gas extraction well GW-8.
11/02/15	1	Wellfield	Cut down gas extraction well GW-10.
12/09/15	1 & 2	Blower/Flare	Inspected and cleaned flame arrestor and inspected the float system.

Note:
Areas of erosion identified in the November and December 2015 cover integrity inspections were repaired in 2016 and are not included in the maintenance/repair summary above.

Attachment C-2

Site Inspection Forms:

Monthly Spill Prevention Inspection Checklist

Quarterly Inspection Checklist

Annual Facility Site Compliance Inspection Report

Monthly Cover Integrity Inspection Logs

ATTACHMENT A – MONTHLY INSPECTION CHECKLIST
Seven Mile Creek Landfill - Year: 2015

Complete this inspection checklist *each month* for all tanks and containers indicated. Check off each item for each source if the statement is true. Provide further description and comments. *Any item that is not checked as true shall be described and addressed immediately.*

AST1, Tank Areas and Piping	Month											
	1	2	3	4	5	6	7	8	9	10	11	12
Tank surfaces show no signs of leakage	T	T	T	T	T	T	T	T	T	T	T	T
Tonk shows no signs of damage, rust, or deterioration	T	T	T	T	T	T	T	T	T	T	T	T
There is no damage to bolts, rivets, or seams	T	T	T	T	T	T	T	T	T	T	T	T
Level gauge or alarm is working properly	T	T	T	T	T	T	T	T	T	T	T	T
Tank area is not obstructed	T	T	T	T	T	T	T	T	T	T	T	T
There is no water/oil in interstice of double-walled tank	T	T	T	T	T	T	T	T	T	T	T	T
Pumps and valves are locked	T	T	T	T	T	T	T	T	T	T	T	T
There is no oil present in the secondary containment	T	T	T	T	T	T	T	T	T	T	T	T
There are no signs of leakage or deterioration to pipelines and connections	T	T	T	T	T	T	T	T	T	T	T	T
There are no signs of leakage or deterioration to concrete pad or ground below tank	T	T	T	T	T	T	T	T	T	T	T	T
There are no signs of damage or staining to the containment structure	T	T	T	T	T	T	T	T	T	T	T	T
Tank area is not obstructed by equipment, vegetation, or waste debris	T	T	T	T	T	T	T	T	T	T	T	T

Portable Container Storage Areas (D1, TOTE1)	Month											
	1	2	3	4	5	6	7	8	9	10	11	12
Containers or drums show no signs of leakage, deterioration, or distortion.	T	T	T	T	T	T	T	T	T	T	T	T
Containers or drums show no signs of spillage on their tops, sides, or surrounding ground	T	T	T	T	T	T	T	T	T	T	T	T
No excess materials or waste debris are stacked on containers or drums	T	T	T	T	T	T	T	T	T	T	T	T
Container or drum lids are tightly closed	T	T	T	T	T	T	T	T	T	T	T	T
Containers or drums are labeled and are not outdated	T	T	T	T	T	T	T	T	T	T	T	T
Container or drum area is not obstructed by equipment, vegetation, or waste debris	T	T	T	T	T	T	T	T	T	T	T	T
Containers or drums are within designated storage area	T	T	T	T	T	T	T	T	T	T	T	T

Spill Kits	Month											
	1	2	3	4	5	6	7	8	9	10	11	12
Spill kits are full and do not require replenishment of response materials	T	T	T	T	T	T	T	T	T	T	T	T

ATTACHMENT A – MONTHLY INSPECTION CHECKLIST (CONTINUED)
Seven Mile Creek Landfill - Year: 2015

Month	Source/Area	Note

Check off under each source name after it has been inspected for the current month. After you complete your inspection of the oil sources, sign and date the table below.

Month	AST1	D1	TOTE1	Signature	Date
January	✓	✓	✓		1/16/15
February	✓	✓	✓		2/26/15
March	✓	✓	✓		3/25/15
April	✓	✓	✓		4/23/15
May	✓	✓	✓		5/14/15
June	✓	✓	✓		6/25/15
July	✓	✓	✓		7/28/15
August	✓	✓	✓		8/18/15
September	✓	✓	NA		9/23/15
October	✓	✓	NA		10/30/15
November	✓	✓	NA		11/20/15
December	✓	✓	NA		12/30/15

ATTACHMENT B
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Location: Seven Mile Creek Landfill Eau Claire, WI	Inspector (print name): Mark W. Vinall
Date: March 25, 15	Signature:
Time: 2:00 pm	Weather: Dry - Partly Cloudy, 45°F very windy (out of the south)

Objectives: • To identify sources of storm water pollution • To verify BMP implementation • To determine if significant facility changes require an update to the SWPPP	Key: Y = Yes N = No NA = Not Applicable

Best Management Practice (BMP) Inspection

Activity or Area	Potential Significant Material Exposure(s)?	BMPs Implemented and Maintained?	New BMP Required?	Discharges Observed (ponding, drainage)?	Summary Notes
Leachate Loadout Pad	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Aboveground Leachate Tank Containment Pad	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Indoor ASTs in Maintenance Shop	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Fuel Delivery and Unloading	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	

ATTACHMENT B (CONTINUED)
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Best Management Practice (BMP) Inspection					
Activity or Area	**Potential Significant Material Exposure(s)?**	**BMPs Implemented and Maintained?**	**New BMP Required?**	**Discharges Observed (ponding, drainage)?**	**Summary Notes**
Vehicle Fueling	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Waste Storage (for waste generated by SMCL)	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Soil Stockpiles	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Sanitary Landfill Operations	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Access Roads	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Public Drop-off Storage	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
General Housekeeping	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Composting Operations	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Material and Equipment Storage Areas	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	

ATTACHMENT B (CONTINUED)
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Best Management Practice (BMP) Inspection					
Activity or Area	Potential Significant Material Exposure(s)?	BMPs Implemented and Maintained?	New BMP Required?	Discharges Observed (ponding, drainage)?	Summary Notes

If discharges were observed, describe the discharge and list any potential sources of non-storm water discharge below.

ATTACHMENT B (CONTINUED)
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Outfall Inspection															
Outfall Number (see Figure 1 and Table 1 for descriptions and locations)	Discharge Flow Present?		If so, is there a sheen or discoloration?			Turbidity			Floating Material (other than oil/grease)		Unusual Odors?		Comments
Outfall SW-1 (southeast sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-2 (south sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-3 (west infiltration basin immediately south of public drop-off area)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-4 (west infiltration basin south of Outfall SW-3 infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-5 (north infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-6 (southwest sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-7 Temp (Partially constructed northeast sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-7 (northeast infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-8 (maintenance building area infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	

ATTACHMENT B
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Location: Seven Mile Creek Landfill Eau Claire, WI	Inspector (print name): Mark W. Vinall
Date: 6/24/15	Signature:
Time: 6:15 pm	Weather: Thunderstorms. ≈ 80°F winds out of NW

Objectives:

- To identify sources of storm water pollution
- To verify BMP implementation
- To determine if significant facility changes require an update to the SWPPP

Key:
Y = Yes
N = No
NA = Not Applicable

Best Management Practice (BMP) Inspection

Activity or Area	Potential Significant Material Exposure(s)?	BMPs Implemented and Maintained?	New BMP Required?	Discharges Observed (ponding, drainage)?	Summary Notes
Leachate Loadout Pad	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Aboveground Leachate Tank Containment Pad	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Indoor ASTs in Maintenance Shop	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Fuel Delivery and Unloading	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	

ATTACHMENT B (CONTINUED)
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Best Management Practice (BMP) Inspection					
Activity or Area	Potential Significant Material Exposure(s)?	BMPs Implemented and Maintained?	New BMP Required?	Discharges Observed (ponding, drainage)?	Summary Notes
Vehicle Fueling	Y N NA	Y N NA	Y N NA	Y N NA	
Waste Storage (for waste generated by SMCL)	Y N NA	Y N NA	Y N NA	Y N NA	
Soil Stockpiles	Y N NA	Y N NA	Y N NA	Y N NA	
Sanitary Landfill Operations	Y N NA	Y N NA	Y N NA	Y N NA	
Access Roads	Y N NA	Y N NA	Y N NA	Y N NA	
Public Drop-off Storage	Y N NA	Y N NA	Y N NA	Y N NA	
General Housekeeping	Y N NA	Y N NA	Y N NA	Y N NA	
Composting Operations	Y N NA	Y N NA	Y N NA	Y N NA	
Material and Equipment Storage Areas	Y N NA	Y N NA	Y N NA	Y N NA	

ATTACHMENT B (CONTINUED)
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Best Management Practice (BMP) Inspection					
Activity or Area	Potential Significant Material Exposure(s)?	BMPs Implemented and Maintained?	New BMP Required?	Discharges Observed (ponding, drainage)?	Summary Notes

If discharges were observed, describe the discharge and list any potential sources of non-storm water discharge below.

Heavy rains caused runoff that was observed in Outfalls SW-2, SW-4 and SW-7 Temp.

ATTACHMENT B (CONTINUED)
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Outfall Inspection															
Outfall Number (see Figure 1 and Table 1 for descriptions and locations)	**Discharge Flow Present?**		**If so, is there a sheen or discoloration?**			**Turbidity**			**Floating Material (other than oil/grease)**		**Unusual Odors?**		**Comments**
Outfall SW-1 (southeast sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-2 (south sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-3 (west infiltration basin immediately south of public drop-off area)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-4 (west infiltration basin south of Outfall SW-3 infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	Some, wood debris (sticks/roots) from new topsoil. Also, straw, and some foam. Will rake all up and put in b/f
Outfall SW-5 (north infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-6 (southwest sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-7 Temp (Partially constructed northeast sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-7 (northeast infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-8 (maintenance building area infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	

ATTACHMENT B
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Location: Seven Mile Creek Landfill Eau Claire, WI	Inspector (print name): Mark W. Vinall
Date: 9/22/15	Signature:
Time: 3:30 pm	Weather: Cloudy / Rainy

Objectives:

- To identify sources of storm water pollution
- To verify BMP implementation
- To determine if significant facility changes require an update to the SWPPP

Key:
Y = Yes
N = No
NA = Not Applicable

Best Management Practice (BMP) Inspection

Activity or Area	Potential Significant Material Exposure(s)?	BMPs Implemented and Maintained?	New BMP Required?	Discharges Observed (ponding, drainage)?	Summary Notes
Leachate Loadout Pad	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Aboveground Leachate Tank Containment Pad	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Indoor ASTs in Maintenance Shop	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Fuel Delivery and Unloading	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	

ATTACHMENT B (CONTINUED)
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Best Management Practice (BMP) Inspection					
Activity or Area	Potential Significant Material Exposure(s)?	BMPs Implemented and Maintained?	New BMP Required?	Discharges Observed (ponding, drainage)?	Summary Notes
Vehicle Fueling	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Waste Storage (for waste generated by SMCL)	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Soil Stockpiles	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	Continue to fix Erosion, Maintain drainage
Sanitary Landfill Operations	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Access Roads	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Public Drop-off Storage	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
General Housekeeping	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Composting Operations	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Material and Equipment Storage Areas	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	

ATTACHMENT B (CONTINUED)
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Best Management Practice (BMP) Inspection					
Activity or Area	Potential Significant Material Exposure(s)?	BMPs Implemented and Maintained?	New BMP Required?	Discharges Observed (ponding, drainage)?	Summary Notes
If discharges were observed, describe the discharge and list any potential sources of non-storm water discharge below.					

ATTACHMENT B (CONTINUED)
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Outfall Inspection														
Outfall Number (see Figure 1 and Table 1 for descriptions and locations)	**Discharge Flow Present?**		**If so, is there a sheen or discoloration?**			**Turbidity**			**Floating Material (other than oil/grease)**		**Unusual Odors?**		**Comments**
Outfall SW-1 (southeast sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-2 (south sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-3 (west infiltration basin immediately south of public drop-off area)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-4 (west infiltration basin south of Outfall SW-3 infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-5 (north infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-6 (southwest sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-7 Temp (Partially constructed northeast sedimentation basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	
Outfall SW-7 (northeast infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	Not constructed yet
Outfall SW-8 (maintenance building area infiltration basin)	Y	N	Y	N	NA	Minimal	Moderate	High	Y	N	Y	N	

ATTACHMENT B
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Location: Seven Mile Creek Landfill Eau Claire, WI	Inspector (print name): Mark W. Vinall Josh Malek
Date: 10/30/15	Signature:
Time: 2:00 pm	Weather: 43° Cloudy

Objectives:

- To identify sources of storm water pollution
- To verify BMP implementation
- To determine if significant facility changes require an update to the SWPPP

Key:
Y = Yes
N = No
NA = Not Applicable

Best Management Practice (BMP) Inspection

Activity or Area	Potential Significant Material Exposure(s)?	BMPs Implemented and Maintained?	New BMP Required?	Discharges Observed (ponding, drainage)?	Summary Notes
Leachate Loadout Pad	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Aboveground Leachate Tank Containment Pad	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Indoor ASTs in Maintenance Shop	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	
Fuel Delivery and Unloading	Y (N) NA	(Y) N NA	Y (N) NA	Y (N) NA	

ATTACHMENT B (CONTINUED)
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Best Management Practice (BMP) Inspection					
Activity or Area	Potential Significant Material Exposure(s)?	BMPs Implemented and Maintained?	New BMP Required?	Discharges Observed (ponding, drainage)?	Summary Notes
Vehicle Fueling	Y N NA	Y N NA	Y N NA	Y N NA	
Waste Storage (for waste generated by SMCL)	Y N NA	Y N NA	Y N NA	Y N NA	
Soil Stockpiles	Y N NA	Y N NA	Y N NA	Y N NA	
Sanitary Landfill Operations	Y N NA	Y N NA	Y N NA	Y N NA	Some areas where soil has eroded significantly due to water flow. Need to add bales to slow water down
Access Roads	Y N NA	Y N NA	Y N NA	Y N NA	
Public Drop-off Storage	Y N NA	Y N NA	Y N NA	Y N NA	
General Housekeeping	Y N NA	Y N NA	Y N NA	Y N NA	
Composting Operations	Y N NA	Y N NA	Y N NA	Y N NA	
Material and Equipment Storage Areas	Y N NA	Y N NA	Y N NA	Y N NA	

ATTACHMENT B (CONTINUED)
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Best Management Practice (BMP) Inspection					
Activity or Area	Potential Significant Material Exposure(s)?	BMPs Implemented and Maintained?	New BMP Required?	Discharges Observed (ponding, drainage)?	Summary Notes

If discharges were observed, describe the discharge and list any potential sources of non-storm water discharge below.

Stand pipe was broken off of SW-2 with allowes water to Discharge. Will be repaired first week of NOV.

ATTACHMENT B (CONTINUED)
Quarterly Facility SWPPP Inspection Form
Advanced Disposal Services Seven Mile Creek Landfill

Outfall Inspection						
Outfall Number (see Figure 1 and Table 1 for descriptions and locations)	**Discharge Flow Present?**	**If so, is there a sheen or discoloration?**	**Turbidity**	**Floating Material (other than oil/grease)**	**Unusual Odors?**	**Comments**
Outfall SW-1 (southeast sedimentation basin)	Y N	Y N NA	Minimal Moderate High	Y N	Y N	
Outfall SW-2 (south sedimentation basin)	Y N	Y N NA	Minimal Moderate High	Y N	Y N	Dry flow only Due to Blocking Stand Pipe. Scheduled for Repair NOV 5th
Outfall SW-3 (west infiltration basin immediately south of public drop-off area)	Y N	Y N NA	Minimal Moderate High	Y N	Y N	
Outfall SW-4 (west infiltration basin south of Outfall SW-3 infiltration basin)	Y N	Y N NA	Minimal Moderate High	Y N	Y N	
Outfall SW-5 (north infiltration basin)	Y N	Y N NA	Minimal Moderate High	Y N	Y N	
Outfall SW-6 (southwest sedimentation basin)	Y N	Y N NA	Minimal Moderate High	Y N	Y N	
Outfall SW-7 Temp (Partially constructed northeast sedimentation basin)	Y N	Y N NA	Minimal Moderate High	Y N	Y N	
Outfall SW-7 (northeast infiltration basin)	Y N	Y N NA	Minimal Moderate High	Y N	Y N	
Outfall SW-8 (maintenance building area infiltration basin)	Y N	Y N NA	Minimal Moderate High	Y N	Y N	

State of Wisconsin
Department of Natural Resources
dnr.wi.gov

Annual Facility Site Compliance Inspection Report (AFSCI)

For Storm Water Discharges Associated With Industrial Activity Under Wisconsin Pollutant Discharge Elimination System (WPDES) Permit

Form 3400-176 (R 8/10)

Notice: This form is authorized by s. NR 216.29(2), Wis. Adm. Code. Submittal of a completed form to the Department is mandatory for industrial facilities covered under a Tier 1 storm water general permit. Facilities covered under a Tier 1 permit are not required to submit AFSCI reports after submittal of the second AFSCI report, unless so directed by the Department. However, these inspections and quarterly visual inspections shall still be conducted and results shall be kept on site for Department inspection. Facilities covered under a Tier 2 storm water general, industry-specific general or individual permit shall keep the results of their AFSCI and quarterly visual inspections on site for Department inspection. Failure to comply with these regulations may result in fines up to $25,000 per day pursuant to s. 283.91, Wis. Stats. Personally identifiable information on this form may be used for other water quality program purposes.

Please type or c ear1 y prmt your answers to all questions.

Section I: Facility/Site Information

Facility/Site Name (As Appears on Permit Authorization): Advancal Disposal services Seven Mile Creek Landfill, LLC	County: Eau Claire
Location Address/Description (if different from mailing address below): 8001 Olson Road	State: WI / ZIP Code: 54703
Municipality: Eau Claire — ☒ City ☐ Village ☐ Township	Facility Identification (FID) and/or FIN Number (if known) — FID: / FIN:

Section II: Facility/Site Contact Person

Local Contact Person: Mark W. Vinall	Mailing Address (if different than site location address): 8001 Olson Rd.
Title: General Manager	Municipality (if different than above): Eau Claire
Telephone (include area code): 715-830-0284	State: WI / ZIP Code (if different than above):
E-mail address or Website (if applicable): mark.vinall@advancedd	Fax (include area code): 715-830-0285

Section III: Certification & Signature (Person attesting to the accuracy and completeness of Annual Facility Site Compliance Inspection Report.)

This form must be signed by an official representative of the permitted facility in accordance with s. NR 216.22(7), Wis. Adm. Code. See instructions on page 4. If this form is not signed, or is found to be incomplete, it will be returned

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Authorized Representative: [signature]	Telephone Number (include area code): 715-858-9105
Type or Print Name: Mark W. Vinall	Company Name: Advancal Disposal Services
Position Title: General Manager	Mailing Address: 2626 Mondovi Rd.
Date Signed: 10/30/15	Municipality: Eau Claire — State: WI — ZIP Code: 54701

How to Use this Form:

The first level of storm water monitoring consists of a comprehensive annual facility site compliance inspection (AFSCI) to determine if your facility is operating in compliance with your Storm Water Pollution Prevention Plan (SWPPP). You should use the results of this inspection to determine the extent to which your SWPPP needs to be updated to prevent pollution from new source areas, as well as to correct any inadequacies that the plan may have in handling existing source areas. This first level of monitoring is addressed in Section IV of this Annual Report on page 2.

second level of storm water monitoring consists of quarterly visual observations of storm water leaving the site during runoff events caused by snow-melt or rainfall. This is a practical, low cost tool for identifying obvious contamination of storm water discharges, and can also help identify which practices are ineffective. The goal of quarterly inspections is to obtain results from a set of four inspections that are distributed as evenly as possible throughout the year and which depict runoff quality during each of the four seasons. This second level of monitoring is addressed in Section V of this Annual Report on page 3.

ection IV: Annual Facility Site Compliance Inspection

The Annual Facility Site Compliance Inspection shall be adequate to verify that: your Storm Water Pollution Prevention Plan (SWPPP) remains current; potential pollution sources at your facility are identified; the facility site map and drainage map remain accurate; and that the Best Management Practices prescribed in your SWPPP are being implemented, properly operated, and adequately maintained.

Name of Person Conducting Inspection: Maule W. Vinall

Inspection Date: 10/20/15

Employer: Advanced Disposal Services

Telephone Number: 715-858-9105

Your inspection should start with a review of your written SWPPP kept at your facility. The SWPPP should be amended if, through these inspections, you find that the provisions in your SWPPP are ineffective in controlling contaminated storm water from being discharged from your facility.

1.	Has your SWPPP been updated to include current Non-Storm Water Discharge Evaluation results?	O Yes	O No	☒ N/A
2.	Has your SWPPP been amended for any new construction that would affect the site map or drainage conditions at the facility?	O Yes	O No	☒ N/A
3.	Has your SWPPP been amended for any changes in facility operations that could be identified as new source areas for contamination of storm water?	O Yes	O No	☒ N/A
4.	Are there any materials at the facility that are handled, stored, or disposed in a manner to allow exposure to storm water that are not currently addressed in your SWPPP?	O Yes	☒ No	O N/A
5.	Are there any maintenance or material handling activities conducted outdoors that have not been addressed in your SWPPP?	O Yes	☒ No	O N/A
6.	Are outside areas kept in a neat and orderly condition?	☒ Yes	O No	O N/A
	Are regular housekeeping inspections made?	☒ Yes	O No	O N/A
8.	Do you see spots, pools, puddles, or other traces of oils, grease, or other chemicals on the ground?	O Yes	☒ No	O N/A
9.	Are particulates on the ground from industrial operations or processes being controlled?	☒ Yes	O No	O N/A
10.	Do you see leaking equipment, pipes or containers?	O Yes	☒ No	O N/A
11.	Do drips, spills, or leaks occur when materials are being transferred from one source to another?	O Yes	☒ No	O N/A
12.	Are drips or leaks from equipment or machinery being controlled?	☒ Yes	O No	O N/A
13.	Are cleanup procedures used for spilled solids?	☒ Yes	O No	O N/A
14.	Are absorbent materials (floor dry, kitty litter, etc.) regularly used in certain areas to absorb spills?	☒ Yes	O No	O N/A
15.	Can you find discoloration, residue, or corrosion on the roof or around vents or pipes that ventilate or drain work areas?	O Yes	☒ No	O N/A
16.	Are Best Management Practices implemented to reduce or eliminate contamination of storm water from source areas at the facility?	☒ Yes	O No	O N/A
17.	Are Best Management Practices adequately maintained?	☒ Yes	O No	O N/A
18.	Are there significant changes to your SWPPP needed to correct plan inadequacies to effectively control a discharge of contaminated storm water from your facility?	O Yes	☒ No	O N/A

nments:

ection V: Quarterly Visual Inspection Reports

Quarterly Visual Inspections at each storm water discharge outfall on your site can be a valuable assessment tool and are required by the Tier 1, Tier 2, and Nonmetallic Mining Industrial Storm Water General Permits. These inspections should be performed when sufficient runoff occurs during daylight hours. Try to make observations within the first 30 minutes after runoff begins discharging from the outfall or soon thereafter as practical, but no later than 60 minutes. If you find visible pollution, note the probable source and list any possible Best Management Practices that could be used to reduce or eliminate the problem. Make any necessary changes to your Storm Water Pollution Prevention Plan as needed. If you were unable to evaluate an outfall during a specific quarter, this should be indicated along with a reason as to why this could not be done.

	Date of Inspection			
Outfall Number	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
SW-1	3/25/15	6/29/15	9/22/15	10/30/15
SW-2	↓	↓	↓	10/30/15
SW-3	↓	↓	↓	↓
SW-4	↓	↓	↓	↓
SW-5	↓	↓	↓	↓
SW-6	↓	↓	↓	↓
SW-7	↓	↓	↓	↓

Briefly summarize what you found when conducting your Quarterly Visual Inspections: (Include any observations of color, odor, turbidity, floating solids, foam, oil sheen, or any other indications of storm water pollution and the probable sources of any observed storm water contamination.)

NSPS Monthly Cover Integrity Inspection Log

Landfill Identification: 7 Mile Creek
Location:
Inspected By: Dean
Date of Inspection: 1/20/25
Weather Conditions:
Site Conditions:
Ambient Temperature: °F
Barometric Pressure: "Hg
Relative Humidity: %
Winds: mph

Technician should identify (but is not limited to) the following issues: leachate seeps/outbreaks, erosions, vegetative cover (seeding), ponding/drainage, holes/cracks and flagging/exposed waste

Issue No.*	Location**	Description of Issue***
	Sector 1	No Issues
	Sector 2	No Issues

Advanced Disposal Services, Inc.
Seven Mile Creek Landfill

Monthly Landfill Inspection – Sector 1 or Sector 2 (circle)

Date: 2/3/15
Operator: Dean Martin

Weather Conditions: Snow covered

Check Items Inspected:

- [x] Landfill Cover Conditions (erosion, cracks, stressed vegetation)
- [x] LFG Well/Wellhead Assemblies (leaking, deterioration, damage)
- [ ] Other (please specify:) _____

Issues: (Provide summary of issue and corrective action. Indicate location of issue on a map and attach to this form)

1. Issue Description/Location: None

   Repair Activities/Date:

2. Issue/Location:

   Repair Activities/Date:

3. Issue/Location:

   Repair Activities/Date:

4. Issue/Location:

   Repair Activities/Date:

Advanced Disposal Services, Inc.
Seven Mile Creek Landfill
Monthly Landfill Inspection – Sector 1 or Sector 2 (circle)

Date: 2-3-15 Weather Conditions: Snow covered

Operator: Dean Marten

Check Items Inspected:

- [x] Landfill Cover Conditions (erosion, cracks, stressed vegetation)
- [x] LFG Well/Wellhead Assemblies (leaking, deterioration, damage)
- [ ] Other (please specify:) _____

Issues: (Provide summary of issue and corrective action. Indicate location of issue on a map and attach to this form)

1. Issue Description/Location: None

   Repair Activities/Date:

2. Issue/Location:

   Repair Activities/Date:

3. Issue/Location:

   Repair Activities/Date:

4. Issue/Location:

   Repair Activities/Date:

Advanced Disposal Services, Inc.
Seven Mile Creek Landfill

Monthly Landfill Inspection – Sector 1 or Sector 2 (circle)

Date: 3/24/15 Weather Conditions: _____

Operator: Dean

Check Items Inspected:

- [x] Landfill Cover Conditions (erosion, cracks, stressed vegetation)
- [x] LFG Well/Wellhead Assemblies (leaking, deterioration, damage)
- [ ] Other (please specify:) _____

Issues: (Provide summary of issue and corrective action. Indicate location of issue on a map and attach to this form)

1. Issue Description/Location: Snow covered

   NO ISSUES

   Repair Activities/Date:

2. Issue/Location:

   Repair Activities/Date:

3. Issue/Location:

   Repair Activities/Date:

4. Issue/Location:

   Repair Activities/Date:

Advanced Disposal Services, Inc.
Seven Mile Creek Landfill
Monthly Landfill Inspection – Sector 1 or Sector 2 (circle)

Date: 3/24/15 Weather Conditions: _____
Operator: Dean

Check Items Inspected:
- [x] Landfill Cover Conditions (erosion, cracks, stressed vegetation)
- [x] LFG Well/Wellhead Assemblies (leaking, deterioration, damage)
- [ ] Other (please specify:) _____

Issues: (Provide summary of issue and corrective action. Indicate location of issue on a map and attach to this form)

1. Issue Description/Location:
   Snow covered
   No Issues

   Repair Activities/Date:

2. Issue/Location:

   Repair Activities/Date:

3. Issue/Location:

   Repair Activities/Date:

4. Issue/Location:

   Repair Activities/Date:

Advanced Disposal Services, Inc.
Seven Mile Creek Landfill
Monthly Landfill Inspection – Sector 1 or Sector 2 (circle)

Date: 4/27/15 Weather Conditions: Sunny
Operator: Dean Martin

Check Items Inspected:
- [X] Landfill Cover Conditions (erosion, cracks, stressed vegetation)
- [X] LFG Well/Wellhead Assemblies (leaking, deterioration, damage)
- [ ] Other (please specify:) _____

Issues: (Provide summary of issue and corrective action. Indicate location of issue on a map and attach to this form)

1. Issue Description/Location: NO Issues

   Repair Activities/Date:

2. Issue/Location:

   Repair Activities/Date:

3. Issue/Location:

   Repair Activities/Date:

4. Issue/Location:

   Repair Activities/Date:

Advanced Disposal Services, Inc.
Seven Mile Creek Landfill
Monthly Landfill Inspection – Sector 1 or Sector 2 (circle)

Date: 4/27/15 Weather Conditions: Sunny
Operator: Dean Marten

Check Items Inspected:
- [x] Landfill Cover Conditions (erosion, cracks, stressed vegetation)
- [x] LFG Well/Wellhead Assemblies (leaking, deterioration, damage)
- [ ] Other (please specify:) _____

Issues: (Provide summary of issue and corrective action. Indicate location of issue on a map and attach to this form)

1. Issue Description/Location: NO Issues

   Repair Activities/Date:

2. Issue/Location:

   Repair Activities/Date:

3. Issue/Location:

   Repair Activities/Date:

4. Issue/Location:

   Repair Activities/Date:

Advanced Disposal Services, Inc.
Seven Mile Creek Landfill
Monthly Landfill Inspection – Sector 1 or Sector 2 (circle)

Date: 5/26/15 Weather Conditions: Sunny
Operator: Dean

Check Items Inspected:
- [x] Landfill Cover Conditions (erosion, cracks, stressed vegetation)
- [x] LFG Well/Wellhead Assemblies (leaking, deterioration, damage)
- [ ] Other (please specify:) _____

Issues: (Provide summary of issue and corrective action. Indicate location of issue on a map and attach to this form)

1. Issue Description/Location: NONE All Good

   Repair Activities/Date:

2. Issue/Location:

   Repair Activities/Date:

3. Issue/Location:

   Repair Activities/Date:

4. Issue/Location:

   Repair Activities/Date:

Advanced Disposal Services, Inc.
Seven Mile Creek Landfill
Monthly Landfill Inspection – Sector 1 or Sector 2 (circle)

Date: 5/21/15 Weather Conditions: Sunny
Operator: Dean

Check Items Inspected:
- [x] Landfill Cover Conditions (erosion, cracks, stressed vegetation)
- [x] LFG Well/Wellhead Assemblies (leaking, deterioration, damage)
- [x] Other (please specify:) _____

Issues: (Provide summary of issue and corrective action. Indicate location of issue on a map and attach to this form)

1. Issue Description/Location: All Good

   Repair Activities/Date:

2. Issue/Location:

   Repair Activities/Date:

3. Issue/Location:

   Repair Activities/Date:

4. Issue/Location:

   Repair Activities/Date:

Advanced Disposal Services, Inc.
Seven Mile Creek Landfill
Monthly Landfill Inspection – Sector 1 or Sector 2 (circle)

Date: 6/26/15 Weather Conditions: Sunny
Operator: Dean

Check Items Inspected:
- [x] Landfill Cover Conditions (erosion, cracks, stressed vegetation)
- [x] LFG Well/Wellhead Assemblies (leaking, deterioration, damage)
- [ ] Other (please specify:) _____

Issues: (Provide summary of issue and corrective action. Indicate location of issue on a map and attach to this form)

1. Issue Description/Location: All Good

   Repair Activities/Date:

2. Issue/Location:

   Repair Activities/Date:

3. Issue/Location:

   Repair Activities/Date:

4. Issue/Location:

   Repair Activities/Date:

Advanced Disposal Services, Inc.
Seven Mile Creek Landfill
Monthly Landfill Inspection – Sector 1 or Sector 2 (circle)

Date: 6/23/15 Weather Conditions: Sunny
Operator: Dean

Check Items Inspected:
- [x] Landfill Cover Conditions (erosion, cracks, stressed vegetation)
- [x] LFG Well/Wellhead Assemblies (leaking, deterioration, damage)
- [ ] Other (please specify:) _____

Issues: (Provide summary of issue and corrective action. Indicate location of issue on a map and attach to this form)

1. Issue Description/Location: All Good

   Repair Activities/Date:

2. Issue/Location:

   Repair Activities/Date:

3. Issue/Location:

   Repair Activities/Date:

4. Issue/Location:

   Repair Activities/Date:

Advanced Disposal Services, Inc.
Seven Mile Creek Landfill

Monthly Landfill Inspection – Sector 1 or Sector 2 (circle)

Date: 2/27/15 Weather Conditions: HoT & Sunny

Operator: Dean

Check Items Inspected:

- [x] Landfill Cover Conditions (erosion, cracks, stressed vegetation)
- [x] LFG Well/Wellhead Assemblies (leaking, deterioration, damage)
- [ ] Other (please specify:) _____

Issues: (Provide summary of issue and corrective action. Indicate location of issue on a map and attach to this form)

1. Issue Description/Location:
   erosion WestSide Phase 11

   Repair Activities/Date:

2. Issue/Location:
   erosion NorThside Phase 4

   Repair Activities/Date:

3. Issue/Location:
   erosion southside Phase 2 by concrete Disapator NexT To Road.

   Repair Activities/Date:

4. Issue/Location:

   Repair Activities/Date:

Advanced Disposal Services, Inc.
Seven Mile Creek Landfill
Monthly Landfill Inspection – Sector 1 or Sector 2 (circle)

Date: 7/24/15 Weather Conditions: Sunny
Operator: Dean

Check Items Inspected:
- [x] Landfill Cover Conditions (erosion, cracks, stressed vegetation)
- [x] LFG Well/Wellhead Assemblies (leaking, deterioration, damage)
- [ ] Other (please specify:) _____

Issues: (Provide summary of issue and corrective action. Indicate location of issue on a map and attach to this form)

1. Issue Description/Location: all Good

   Repair Activities/Date:

2. Issue/Location:

   Repair Activities/Date:

3. Issue/Location:

   Repair Activities/Date:

4. Issue/Location:

   Repair Activities/Date:

Advanced Disposal Services, Inc.
Seven Mile Creek Landfill
Monthly Landfill Inspection – Sector 1 or Sector 2 (circle)

Date: 8/18/15 Weather Conditions: Rainy

Operator: Dean

Check Items Inspected:

- [x] Landfill Cover Conditions (erosion, cracks, stressed vegetation)
- [x] LFG Well/Wellhead Assemblies (leaking, deterioration, damage)
- [ ] Other (please specify:) _____

Issues: (Provide summary of issue and corrective action. Indicate location of issue on a map and attach to this form)

1. Issue Description/Location: No Issues

   Repair Activities/Date:

2. Issue/Location:

   Repair Activities/Date:

3. Issue/Location:

   Repair Activities/Date:

4. Issue/Location:

   Repair Activities/Date:

Advanced Disposal Services, Inc.
Seven Mile Creek Landfill
Monthly Landfill Inspection – Sector 1 or Sector 2 (circle)

Date: 8/21/15
Operator: Dean

Weather Conditions: Sunny

Check Items Inspected:

- [x] Landfill Cover Conditions (erosion, cracks, stressed vegetation)
- [x] LFG Well/Wellhead Assemblies (leaking, deterioration, damage)
- [ ] Other (please specify:) _____

Issues: (Provide summary of issue and corrective action. Indicate location of issue on a map and attach to this form)

1. Issue Description/Location: washouts on West slope Phase 1/

   Repair Activities/Date: washouts were fixed on 8/25/15

2. Issue/Location: Ditches on North side of Phase 6+7 silted in

   Repair Activities/Date: have been cleaned complete times since

3. Issue/Location:

   Repair Activities/Date:

4. Issue/Location:

   Repair Activities/Date:

Advanced Disposal Services, Inc.
Seven Mile Creek Landfill
Monthly Landfill Inspection – Sector 1 or Sector 2 (circle)

Date: 9/14/15 Weather Conditions: Sunny
Operator: Dean

Check Items Inspected:
- [x] Landfill Cover Conditions (erosion, cracks, stressed vegetation)
- [x] LFG Well/Wellhead Assemblies (leaking, deterioration, damage)
- [ ] Other (please specify:) _____

Issues: (Provide summary of issue and corrective action. Indicate location of issue on a map and attach to this form)

1. Issue Description/Location: NO ISSUES

   Repair Activities/Date:

2. Issue/Location:

   Repair Activities/Date:

3. Issue/Location:

   Repair Activities/Date:

4. Issue/Location:

   Repair Activities/Date:

Advanced Disposal Services, Inc.
Seven Mile Creek Landfill
Monthly Landfill Inspection – Sector 1 or Sector 2 (circle)

Date: 9/15/15 Weather Conditions: Sunny
Operator: Dean

Check Items Inspected:
- [x] Landfill Cover Conditions (erosion, cracks, stressed vegetation)
- [x] LFG Well/Wellhead Assemblies (leaking, deterioration, damage)
- [ ] Other (please specify:) _____

Issues: (Provide summary of issue and corrective action. Indicate location of issue on a map and attach to this form)

1. Issue Description/Location: Washout on West slope of Phase 11

   Repair Activities/Date: Being fixed Now

2. Issue/Location: Washouts East side Phase 12

   Repair Activities/Date: Fixing Now

3. Issue/Location:

   Repair Activities/Date:

4. Issue/Location:

   Repair Activities/Date:

Advanced Disposal Services, Inc.
Seven Mile Creek Landfill
Monthly Landfill Inspection – Sector 1 or Sector 2 (circle)

Date: 10/27/15 Weather Conditions: cloudy
Operator: Dean

Check Items Inspected:
- [x] Landfill Cover Conditions (erosion, cracks, stressed vegetation)
- [x] LFG Well/Wellhead Assemblies (leaking, deterioration, damage)
- [ ] Other (please specify:) _____

Issues: (Provide summary of issue and corrective action. Indicate location of issue on a map and attach to this form)

1. Issue Description/Location: NO Issues

   Repair Activities/Date:

2. Issue/Location:

   Repair Activities/Date:

3. Issue/Location:

   Repair Activities/Date:

4. Issue/Location:

   Repair Activities/Date:

Advanced Disposal Services, Inc.
Seven Mile Creek Landfill
Monthly Landfill Inspection – Sector 1 or Sector 2 (circle)

Date: 10/20/15
Operator: Dean

Weather Conditions: cloudy

Check Items Inspected:

- [x] Landfill Cover Conditions (erosion, cracks, stressed vegetation)
- [x] LFG Well/Wellhead Assemblies (leaking, deterioration, damage)
- [ ] Other (please specify:) _____

Issues: (Provide summary of issue and corrective action. Indicate location of issue on a map and attach to this form)

1. Issue Description/Location: NO ISSUES

   Repair Activities/Date:

2. Issue/Location:

   Repair Activities/Date:

3. Issue/Location:

   Repair Activities/Date:

4. Issue/Location:

   Repair Activities/Date:

Advanced Disposal Services, Inc.

Seven Mile Creek Landfill

Monthly Landfill Inspection – Sector 1 or Sector 2 (circle)

Date: 11/4/15 Weather Conditions: cloudy Operator: Dean

Check Items Inspected;

- ☑ Landfill Cover Conditions (erosion, cracks, stressed vegetation)
- ☑ LFG Well/Wellhead Assemblies (leaking, deterioration, damage)
- ☑ Lift Station
- ☑ Leachate Tank / Piping
- ☑ Control Panels
- ☑ Secondary Containment
- ☑ Load Out Pad
- ☐ Other (please specify): _____

Issues: (Provide summary of issue and corrective action. Indicate location of issue on a map and attach to this form)

1. Issue Description/ Location:
   erosion - West slope above cap
2. Issue Description/ Location:
   erosion - South West slope above cap
3. Issue Description/ Location:
4. Issue Description/ Location:
5. Issue Description/ Location:
6. Issue Description/ Location:
7. Issue Description/ Location:

Advanced Disposal Services, Inc.

Seven Mile Creek Landfill

Monthly Landfill Inspection – Sector 1 or Sector 2 (circle)

Date: 11/2/15 Weather Conditions: Sunny Operator: Dean

Check Items Inspected;

- ☑ Landfill Cover Conditions (erosion, cracks, stressed vegetation)
- ☑ LFG Well/Wellhead Assemblies (leaking, deterioration, damage)
- ☑ Lift Station
- ☑ Leachate Tank / Piping
- ☑ Control Panels
- ☐ Secondary Containment
- ☑ Load Out Pad
- ☐ Other (please specify): _____

Issues: (Provide summary of issue and corrective action. Indicate location of issue on a map and attach to this form)

1. Issue Description/ Location: No Issues
2. Issue Description/ Location:
3. Issue Description/ Location:
4. Issue Description/ Location:
5. Issue Description/ Location:
6. Issue Description/ Location:
7. Issue Description/ Location:

Advanced Disposal Services, Inc.

Seven Mile Creek Landfill

Monthly Landfill Inspection – Sector 1 or Sector 2 (circle)

Date: 12/23/15 Weather Conditions: Rain Operator: Dean

Check Items Inspected;

- ☑ Landfill Cover Conditions (erosion, cracks, stressed vegetation)
- ☑ LFG Well/Wellhead Assemblies (leaking, deterioration, damage)
- ☑ Lift Station
- ☑ Leachate Tank / Piping
- ☑ Control Panels
- ☑ Secondary Containment
- ☑ Load Out Pad
- ☐ Other (please specify): _____

Issues: (Provide summary of issue and corrective action. Indicate location of issue on a map and attach to this form)

1. Issue Description/ Location:
   Erosion West side Phase 11 &
   Top South side of Phase 4
2. Issue Description/ Location:
   Erosion East side of Phase 12
3. Issue Description/ Location:
4. Issue Description/ Location:
5. Issue Description/ Location:
6. Issue Description/ Location:
7. Issue Description/ Location:

Advanced Disposal Services, Inc.

Seven Mile Creek Landfill

Monthly Landfill Inspection – Sector 1 or Sector 2 (circle)

Date: 12/21/15 Weather Conditions: cloudy Operator: Dean

Check Items Inspected;

- ☑ Landfill Cover Conditions (erosion, cracks, stressed vegetation)
- ☑ LFG Well/Wellhead Assemblies (leaking, deterioration, damage)
- ☑ Lift Station
- ☐ Leachate Tank / Piping
- ☑ Control Panels
- ☐ Secondary Containment
- ☑ Load Out Pad
- ☐ Other (please specify): _____

Issues: (Provide summary of issue and corrective action. Indicate location of issue on a map and attach to this form)

1. Issue Description/ Location:
   Settlement Across The Top
2. Issue Description/ Location:
3. Issue Description/ Location:
4. Issue Description/ Location:
5. Issue Description/ Location:
6. Issue Description/ Location:
7. Issue Description/ Location:

Attachment C-3

Monitoring Well, Lysimeter, and Leachate Head Well Condition Reports

Monitoring Well, Gas Probe, Lysimeter, and Leachate Head Well Condition Report - April 2015
ADS Seven Mile Creek Landfill - Eau Claire, WI

Common Well Name	WDNR Well ID	Well Association	Well Labeled Common Name	Well Labeled WDNR ID	Well Cap Present	Well Casing Condition	Protective Casing Condition	Well Lock	Key Number	Access/Trail condition
Groundwater Monitoring Wells										
DH-16A	136	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-16	134	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-21A	154	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2532	Trail needs clearing
DH-21	152	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2532	Trail needs clearing
DH-10	008	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2532	No trail exists
DH-10A	120	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2532	No trail exists
DH-8	006	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-42A	158	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2121	Trail needs clearing
DH-42	156	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2121	Trail needs clearing
DH-19A	146	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2532	Trail needs clearing
DH-19	144	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2532	Trail needs clearing
DH-15	130	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2532	Trail needs clearing
DH-15A	132	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2532	Trail needs clearing
DH-11R	125	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-9	007	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-4R	003	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-1	001	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-7	005	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2532	No trail exists
DH-22B	160	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-22A	158	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-22R	157	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-18B	142	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-18A	140	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-18	138	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-35A	194	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-35	192	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-33A	188	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-33	186	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-49A	230	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-49	228	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-47A	224	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-47	222	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-46A	220	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-46	218	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-39A	202	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-39	200	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-43A	210	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-43	208	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-36	196	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-34	190	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-32	184	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-48	226	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-40	204	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-41	206	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-52	236	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-45	216	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-53	238	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
Lysimeters										
LY1A	400	Sector 2	YES	NO	YES	GOOD	GOOD	NONE	NA	GOOD
LY2	406	Sector 2	YES	NO	YES	GOOD	GOOD	NONE	NA	GOOD
LY3	408	Sector 2	YES	NO	YES	GOOD	GOOD	NONE	NA	GOOD
LY4	410	Sector 2	YES	NO	YES	GOOD	GOOD	NONE	NA	GOOD
Leachate Head Wells										
LHW-1A	033	Sector 1	NO	NO	NO	GOOD	No Casing	NONE	NA	GOOD
LHW-1B	038	Sector 1	YES	NO	YES	GOOD	Needs to be raised/can't lock cap	NONE	NA	GOOD
LHW-2A	036	Sector 1	YES	NO	YES	GOOD	Needs to be raised/can't lock cap	NONE	NA	GOOD
LHW-2B	037	Sector 1	YES	NO	YES	GOOD	Needs to be raised/can't lock cap	NONE	NA	GOOD
LHW-3A	035	Sector 1	YES	NO	YES	GOOD	Needs to be raised/can't lock cap	NONE	NA	GOOD
LHW-3BR	039	Sector 1	**Could Not Locate LHW-3BR during April 2015 event**							
LHW-4A	040	Sector 1	YES	NO	YES	GOOD	Needs to be raised/can't lock cap	NONE	NA	GOOD
LHW-4B	042	Sector 1	YES	NO	YES	GOOD	Needs to be raised/can't lock cap	NONE	NA	GOOD
LHW-5A	044	Sector 1	YES	NO	YES	GOOD	Needs to be raised/can't lock cap	NONE	NA	GOOD
LHW-5B	046	Sector 1	YES	NO	YES	GOOD	Needs to be raised/can't lock cap	NONE	NA	GOOD
LHW-6A	048	Sector 1	YES	NO	YES	GOOD	Needs to be raised/can't lock cap	NONE	NA	GOOD
LHW-6B	050	Sector 1	YES	NO	YES	GOOD	Needs to be raised/can't lock cap	NONE	NA	GOOD
VLHW-1A	440	Sector 2	No	No	Yes	GOOD	NONE	NONE	NA	GOOD
VLHW-2A	444	Sector 2	No	No	Yes	GOOD	NONE	NONE	NA	GOOD
VLHW-3A	448	Sector 2	No	No	Yes	GOOD	NONE	NONE	NA	GOOD
LHW-4A	450	Sector 2	No	No	No	GOOD	NONE	NONE	NA	GOOD
LHW-4B	452	Sector 2	No	No	No	GOOD	NONE	NONE	NA	GOOD
LHW-5A	454	Sector 2	No	No	No	GOOD	NONE	NONE	NA	GOOD
LHW-5B	456	Sector 2	No	No	No	GOOD	NONE	NONE	NA	GOOD
LHW-6A	458	Sector 2	No	No	No	GOOD	NONE	NONE	NA	GOOD
LHW-6B	460	Sector 2	No	No	No	GOOD	NONE	NONE	NA	GOOD
LHW-7A	462	Sector 2	No	No	No	GOOD	NONE	NONE	NA	GOOD
LHW-7B	464	Sector 2	No	No	No	GOOD	NONE	NONE	NA	GOOD
LHW-8	466	Sector 2	No	No	Yes	GOOD	NONE	NONE	NA	GOOD
LHW-9	468	Sector 2	No	No	Yes	GOOD	NONE	NONE	NA	GOOD
LHW-10A	470	Sector 2	No	No	Yes	GOOD	NONE	NONE	NA	GOOD
LHW-10B	472	Sector 2	No	No	Yes	GOOD	NONE	NONE	NA	GOOD
LHW-11	NA	Sector 2	No	No	Yes	GOOD	NONE	NONE	NA	GOOD

Monitoring Well, Gas Probe, Lysimeter, and Leachate Head Well Condition Report - October 2015
ADS Seven Mile Creek Landfill - Eau Claire, WI

Common Well Name	WDNR Well ID	Well Association	Well Labeled Common Name	Well Labeled WDNR ID	Well Cap Present	Well Casing Condition	Protective Casing Condition	Well Lock	Key Number	Access/Trail condition
Groundwater Monitoring Wells										
DH-42A	158	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2121	Trail needs clearing/replaced lock
DH-42	156	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2121	Trail needs clearing/replaced lock
DH-4R	003	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-1	001	Sector 1	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-22B	160	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-22A	158	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-22R	157	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-18B	142	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-18A	140	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-18	138	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-35A	194	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-35	192	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-33A	188	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-33	186	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-49A	230	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-49	228	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-47A	224	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-47	222	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-46A	220	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-46	218	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-39A	202	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-39	200	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-43A	210	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-43	208	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-36	196	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-34	190	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-32	184	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2532	GOOD
DH-48	226	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-40	204	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-41	206	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-52	236	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-45	216	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
DH-53	238	Sector 2	YES	YES	YES	GOOD	GOOD	YES	2121	GOOD
Lysimeters										
LY1A	400	Sector 2	YES	YES	YES	GOOD	GOOD	NONE	NA	GOOD
LY2	406	Sector 2	YES	YES	YES	GOOD	GOOD	NONE	NA	GOOD
LY3	408	Sector 2	YES	YES	YES	GOOD	GOOD	NONE	NA	GOOD
LY4	410	Sector 2	YES	YES	YES	GOOD	GOOD	NONE	NA	GOOD
VLHW-1A	440	Sector 2	Yes	YES	Yes	GOOD	NONE	NONE	NA	GOOD
VLHW-2A	444	Sector 2	Yes	YES	Yes	GOOD	NONE	NONE	NA	GOOD
VLHW-3A	448	Sector 2	Yes	YES	Yes	GOOD	NONE	NONE	NA	GOOD
LHW-4A	450	Sector 2	Yes	YES	YES	GOOD	NONE	NONE	NA	GOOD
LHW-4B	452	Sector 2	YES	YES	YES	GOOD	NONE	NONE	NA	GOOD
LHW-5A	454	Sector 2	YES	YES	YES	GOOD	GOOD	NONE	NA	GOOD
LHW-5B	456	Sector 2	YES	YES	YES	GOOD	GOOD	NONE	NA	GOOD
LHW-6A	458	Sector 2	YES	YES	YES	GOOD	GOOD	NONE	NA	GOOD
LHW-6B	460	Sector 2	YES	YES	YES	GOOD	GOOD	NONE	NA	GOOD
LHW-7A	462	Sector 2	YES	YES	YES	GOOD	GOOD	NONE	NA	GOOD
LHW-7B	464	Sector 2	YES	YES	YES	GOOD	GOOD	NONE	NA	GOOD
LHW-8	466	Sector 2	YES	YES	YES	GOOD	GOOD	NONE	NA	GOOD
LHW-9	468	Sector 2	YES	YES	Yes	GOOD	GOOD	NONE	NA	GOOD
LHW-10A	470	Sector 2	YES	YES	Yes	GOOD	GOOD	NONE	NA	GOOD
LHW-10B	472	Sector 2	YES	YES	Yes	GOOD	GOOD	NONE	NA	GOOD
LHW-11	NA	Sector 2	YES	YES	Yes	GOOD	GOOD	NONE	NA	GOOD

Appendix C-4

Leachate Line Jetting Documentation

Superior Jetting

Customer Service Report

Customer: Advanced Disposal Seven Mile Creek LF
Contact: Operations Manager

Address: Advanced Disposal Seven Mile Creek LF
2626 Mondovi Road
Eau Claire, WI 54701

Report Number: 923
Date(s): 7/6 thru 7/14/2015

Page: 1 of 6
On-Site Hours: 41.0
Mob. Hours: --

Description: Jet leachate system, vacuum manholes, and vacuum liftstation

Jetting Summary

No.	Length Jetted	Comments
Sector 1		
MH-2A	500	
MH-3A	600	
MH-4A	700	Vacuumed Manhole
MH-4	700	
MH-3	600	
MH-2	500	
LS	--	
MH-1A	175	
MH-1B	250	

Superior Jetting, Inc.
P.O. Box 357, Zimmerman, MN 55398
Phone/Fax: (763) 631-3133

No.	Length Jetted	Comments
Sector 2		
Phase 7 S CO	600	
Phase 6 S CO	600	Minor blockage at 400 feet.
Phase 5 S CO	600	
MH-8 (Phase 4)	700	
MH-9 (Phase 4)	700	
MH-10 (Phase 3)	700	
MH-11 (Phase 3)	700	
MH-12 (Phase 2)	700	
MH-13 (Phase 2)	700	
MH-14 (Phase 1)	530	Cannot jet past 530 feet
MH-15 (Phase 1)	--	Pipe dead ends at 80 feet. Not Jetted
Phase 8 S CO	700	
Phase 9 S CO	700	
Phase 10 S CO	600	
Phase 10N CO	700	
Phase 9 N CO	700	See comments
Phase 8 N CO	--	Cleanout Buried
MH-16 (Phase 1)	--	Does not exist
MH-17 (Phase 1)	--	Cleanout Buried
MH-18 (Phase 2)	--	Cleanout Buried
MH-19 (Phase 2)	--	Manhole removed. Could not locate clean-out
MH-20 (Phase 3)	--	Manhole removed. Could not locate clean-out
MH-21 (Phase 3)	--	Manhole removed. Could not locate clean-out
CO 4HA (Phase 4)	220	Header constructed in 2013
CO 4HB (Phase 4)	500	
Phase 5 N CO	--	Could not locate cleanout. Possibly ties into new construction
Phase 6 N CO	700	
Phase 7 N CO	700	Jetting very slow past 500 feet.
CO-4C	1050	
CO-4B	1050	
CO-4A	1027	
CO-3A	1115	Slow past 900 feet
CO-3AH N CO	300	
CO-2A	1000	Slow past 500 feet
CO-1AH S CO	650	
CO-1A	700	

Superior Jetting, Inc.
P.O. Box 357, Zimmerman, MN 55398
Phone/Fax: (763) 631-3133

No.	Length Jetted	Comments
Perimeter Leachate Manhole System		
MH14-MH15	80	
MH13-MH14	80	
MH12-MH143	80	
MH11-MH12	80	
MH10-MH11	100	
MH9-MH10	80	
MH8-MH9	80	
MH7-MH8	80	
MH6-MH7	100	
MH5-MH6	100	
MH4-MH5	100	
MH3-MH4	100	
MH2-MH3	--	Need Full Air Confined Space
MH1-MH2	--	Need Full Air Confined Space

Superior Jetting, Inc.
P.O. Box 357, Zimmerman, MN 55398
Phone/Fax: (763) 631-3133

Additional Comments

July 6, 2015 **Arrived On-Site: 11:00 am**

- Jetted phase 7 from south side to distance indicated above. No problems encountered
- Jetted phase 6 from south side to distance indicated above. Minor blockage at 400 feet.
- Jetted phase 4 leachate pipe from MH-8 to distance indicated above. No problems encountered.
- Jetted phase 4 leachate pipe from MH-9 to distance indicated above. No problems encountered.

Left Site: 4:00 pm

July 7, 2015 **Arrived On-Site: 7:00 am**

- Jetted leachate pipe from MH-10 to distance indicated above. Jetting slow past 600 feet.
- Jetted leachate pipe from MH-11 to distance indicated above. Jetting slow past 500 feet
- Jetted leachate pipe from MH-12 to distance indicated above. Jetting slow past 500 feet.
- Jetted leachate pipe from MH-13 to distance indicated above. Jetting slow past 500 feet.
- Jetted leachate pipe from MH-14 to distance indicated above. Hose would not advance past 530 feet. Same as 2014.
- Jetted phase 8 from south side to distance indicated above. No problems encountered.
- Jetted phase 9 from south side to distance indicated above. No problems encountered.
- Jetted phase 10 from south side to distance indicated above. No problems encountered.
- Jetted phase 5 from south side to distance indicated above. No problems encountered.

Left Site: 4:00 pm

July 8, 2015 **Arrived On-Site: 7:00 am**

- Jetted sector 1 leachate pipe from MH-2A to distance indicated above. No problems encountered.
- Jetted sector 1 leachate pipe from MH-3A to distance indicated above. No problems encountered.
- Jetted sector 1 leachate pipe from MH-4A to distance indicated above. No problems encountered.
- Jetted sector 1 leachate pipe from MH-4 to distance indicated above. No problems encountered.
- Jetted sector 1 leachate pipe from MH-3 to distance indicated above. No problems encountered.
- Jetted sector 1 leachate pipe from MH-2 to distance indicated above. No problems encountered.
- Jetted sector 1 leachate pipe from MH-1A to distance indicated above. No problems encountered.
- Jetted sector 1 leachate pipe from MH-1B to distance indicated above. No problems encountered.

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P.O. Box 357, Zimmerman, MN 55398
Phone/Fax: (763) 631-3133

- Jetted phase 10 from north side to distance indicated above. No problems encountered.
- Jetted phase 9 from north side to distance indicated above. Shut jetter off to pull out hose. Cleanout swept the wrong way and was cutting the jetting hose.
- Jetted phase 7 from north side to distance indicated above. Very slow past 500 feet.

Left Site: 4:15 pm

July 9, 2015 **Arrived On-Site: 7:00 am**

- Jetted phase 6 from south side to distance indicated above with front cutter nozzle. No problems encountered.
- Jet collection pipe from CO-1A to distance indicated above. No problems encountered
- Jet header pipe from south cleanout-1AH to distance indicated. No problems encountered.
- Jet collection pipe from CO-2A to distance indicated above. No problems encountered
- Jet header pipe from north cleanout-3AH to distance indicated. No problems encountered.
- Jet collection pipe from CO-3A to distance indicated above. Hose advanced slowly past 900 feet.
- Jet collection pipe from CO-4A to distance indicated above. Hose would not advance past "high point" at 1027 feet.
- Jet collection pipe from CO-4AHA to distance indicated above. No problems encountered.

Left Site: 4:00 pm

July 10, 2015 **Arrived On-Site: 7:00 am**

- Jet perimeter MH14-MH15 to the distance indicated above. No problems encountered.
- Jet perimeter MH13-MH14 to the distance indicated above. No problems encountered.
- Jet perimeter MH12-MH13 to the distance indicated above. No problems encountered.
- Jet perimeter MH11-MH12 to the distance indicated above. No problems encountered.
- Jet perimeter MH10-MH11 to the distance indicated above. No problems encountered.
- Jet perimeter MH9-MH10 to the distance indicated above. No problems encountered.
- Jet perimeter MH8-MH9 to the distance indicated above. No problems encountered.
- Jet perimeter MH7-MH8 to the distance indicated above. No problems encountered.

Left Site: 10:30 am

Superior Jetting, Inc.
P.O. Box 357, Zimmerman, MN 55398
Phone/Fax: (763) 631-3133

Appendix D

Groundwater Monitoring

Attachment D-1

Groundwater Monitoring Reports
(SCS Engineers)

Environmental Consultants
and Contractors

2830 Dairy Drive
Madison, WI 53718-6751

608 224-2830
FAX 608 224-2839
www.scsengineers.com

SCS ENGINEERS

June 30, 2015
File No. 25215016.00

GEMS Data Submittal Contact – WA/5
Wisconsin Department of Natural Resources
Bureau of Waste Management
P.O. Box 7921
Madison, WI 53707-7921

Subject: Environmental Monitoring Data Submittal – April 2015
Advanced Disposal Services Seven Mile Creek Landfill – Sector 1
Eau Claire, Wisconsin
WDNR License No. 2821
FID No. 618009260

Dear GEMS Data Submittal Contact:

On behalf of Advanced Disposal Services, SCS Engineers is submitting environmental monitoring results for April 2015 for Seven Mile Creek Landfill – Sector 1. This submittal includes the electronic data file of the monitoring results on a compact disk (CD), the Environmental Monitoring Data Certification form, and a summary of parameters detected at values above NR 140 Groundwater Quality Standards, well-specific preventive action limits (PALs), or alternative concentration limits (ACLs) (**Table 1**).

Included in this submittal are the analytical results and associated field data for the following monitoring points:

- Groundwater monitoring wells (DH-01 through DH-21A, DH-42, and DH-42A)
- Leachate sample point (LEACHATE TANK-1)

Additional environmental monitoring field data are being submitted separately by Environmental Sampling Corporation.

Field monitoring was performed by Short, Elliot, Hendrickson, Inc., (SEH) of Chippewa Falls, Wisconsin. The monitoring by SEH was conducted between April 21 and 24, 2015. Laboratory analysis was performed by Pace Analytical Services of Green Bay, Wisconsin.

This letter provides the following information:

- List of NR 140 groundwater standard exceedances and a preliminary analysis of the cause and significance of the exceedances

- Explanation of any deviations from the approved sampling plan

NR 140 GROUNDWATER STANDARD EXCEEDANCES

Groundwater monitoring data were compared to the NR 140 Groundwater Quality Standards for parameters that have established PALs and Enforcement Standards (ESs). The results were also compared to well-specific PALs and ACLs approved for DH-01 and DH-04R, which are the wells that are also in the Seven Mile Creek Landfill Sector 2 monitoring program. There are no well-specific PALs and ACLs approved for the remainder of the wells in the Sector 1 monitoring program. **Table 1** summarizes the constituents that were detected at concentrations above a PAL or ES. The cause and significance of the April 2015 standard exceedances are discussed below.

- **Iron and Specific Conductance at DH-01** – Iron was detected at a concentration of 66.2 mg/L in the groundwater sample collected from well DH-01 in April 2015. This well is located upgradient of the landfill and there have been numerous ES exceedances for iron at DH-01 since 1994, when the well was first sampled. Beginning in about 2007, iron concentrations increased, and have been similar since 2007 through April 2015. Specific conductance has also increased starting in about 2007, but there has only been one exceedance of the PAL (in April 2007) for specific conductance prior to 2014. Iron occurs naturally in the aquifer; however, the well is constructed with a galvanized steel mesh screen, as noted in the 2003 Feasibility Study for the horizontal expansion of Sector 2, and may not provide reliable monitoring data for iron and related parameters. Other newer monitoring wells in the area, including Sector 2 monitoring wells DH-39 and DH-40, do not show elevated iron concentrations. Well DH-01 is located in the approved footprint of the landfill and will be abandoned as facility construction dictates.

- **Iron at DH-07, DH-42, and DH-42A** – Iron was detected at concentrations exceeding the ES in the groundwater samples collected from these wells in April 2015. The wells are located side gradient, and downgradient of the landfill. The iron detected is likely naturally occurring. Iron was eliminated from the sampling plan by the Plan Modification Approval for Groundwater Monitoring Reductions, Seven Mile Creek Landfill – Sector 1, dated December 18, 2007, and had not been included in the monitoring since 2007, until 2013, 2014, and 2015, when it was analyzed in samples from several wells, apparently in error. Iron will not be included in future monitoring, in accordance with the 2007 monitoring plan.

MONITORING PROGRAM COMMENTS

The monitoring was performed in accordance with the monitoring plan approved by the Wisconsin Department of Natural Resources in the Plan Modification Approval for Groundwater Monitoring Reductions, Seven Mile Creek Landfill – Sector 1, dated December 18, 2007, with the exception of the inclusion of iron as noted above. There were no other deviations from the approved monitoring plan for the monitoring results reported in this submittal.

If you have any questions regarding the information included in this submittal, please call us at 608.224.2830.

Sincerely,

Sherren Clark, PE, PG
Project Director
SCS ENGINEERS

Betty J. Socha, PG, PhD
Senior Project Manager
SCS ENGINEERS

BJS/jsn/SCC

Enclosures: Table 1 – NR 140 Exceedance Summary
Groundwater Monitoring Data Certification Form
GEMS Data CD

cc: Tim Curry, Advanced Disposal Services (e-copy only)
Mark Vinall, ADS Seven Mile Creek Landfill (2 copies of letter, 1 CD)
Frank Perugini, Environmental Sampling Corp. (w/o CD)
Brian Kent, SEH, Inc., (e-copy only)

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Table 1
NR 140 Exceedance Summary

Site ID: **02821**
Site Name: **ADS Seven Mile Creek Landfill - Sector 1**
Reporting Period: **April 2015**

Groundwater Results Exceeding NR 140 Standards

Well	Parameter	Result	PAL	ES	Exceedance Type
DH-01	Iron, dissolved (mg/l as Fe)	66.2	0.15	0.3	ES
	Specific conductance-field (umhos/cm @ 25c)	315	310		PAL (Indicator)
DH-07	Iron, dissolved (mg/l as Fe)	1.64	0.15	0.3	ES
DH-42	Iron, dissolved (mg/l as Fe)	19	0.15	0.3	ES
DH-42A	Iron, dissolved (mg/l as Fe)	17.5	0.15	0.3	ES

Notes:
PAL = Preventive Action Limit
ES = Enforcement Standard
mg/l = milligrams per liter

Prepared by: MOB, 6/12/15
Checked by: BJS, 6/19/15

State of Wisconsin
Department of Natural Resources

Environmental Monitoring Data Certification

Form 4400-231(R 1/04)

Notice: Personally identifiable information collected will be used for program administration and enforcement purposes. The Department may also provide this information to requesters as required under Wisconsin's Open Records law, ss. 19.31 to 19.39, Wis. Stats.
When submitting monitoring data, the owner or operator of the facility, practice or activity is required to notify the Department in writing that a groundwater standard or an explosive gas level has been attained or exceeded, as specified in ss. NR 140.24(1)(a); NR 140.26(1)(a); NR 507.30NR 635.14(9)(a); NR 635.18(20) and NR 507.30, Wis. Adm. Code. Failure to report may result in fines, forfeitures or other penalties resulting from enforcement under ss. 289.97, 291.97 or 299.95, Wis. Stats.

Instructions:

- **Prepare one form for each license or monitoring ID.**
- **Please type or print legibly.**
- Attach a notification of any values that attain or exceed groundwater standards (that is, preventive action limits, enforcement standards or alternative concentration limits). The notification must include a preliminary analysis of the cause and significance of each value.
- Attach a notification of any gas values that attain or exceed explosive gas levels.
- Send the original signed form, any notification, and Electronic Data Deliverable [EDD] to: GEMS Data Submittal Contact - WA/3
  Bureau of Waste Management
  Wisconsin Department of Natural Resources
  101 South Webster Street
  Madison WI 53707-7921

Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

SCS Engineers

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Mari Bull, Data Specialist Phone: (830) 644-2130

E-mail: mbull@scsengineers.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
Advanced Disposal Services Seven-Mile Creek Landfill - Sector 1	02821	618009260	April 21, 23, and 24, 2015

The enclosed results are for sampling required in the month(s) of: (e.g., June 2003)

April 2015

Type of Data Submitted (Check all that apply)

- [x] Groundwater monitoring data from monitoring wells
- [ ] Groundwater monitoring data from private water supply wells
- [x] Leachate monitoring data
- [ ] Gas monitoring data
- [ ] Air monitoring data
- [ ] Other (specify) _____

Notification attached?

- [ ] No. No groundwater standards or explosive gas limits were exceeded.
- [x] Yes, a notification of values exceeding a groundwater standard is attached. It includes a list of monitoring points, dates, sample values, groundwater standard and preliminary analysis of the cause and significance of any concentration.
- [ ] Yes, a notification of values exceeding an explosive gas limit is attached. It includes the monitoring points, dates, sample values and explosive gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards.

Sherren Clark, SCS Engineers	Project Manager	(608) 216-7323
Facility Representative Name (Print)	Title	(Area Code) Telephone No.

Signature 6-23-15 Date

FOR DNR USE ONLY. Check action taken, and record date and your initials. Describe on back side if necessary.

- [ ] **Found uploading problems on** _____ **Initials** _____
- [ ] **Notified contact of problems on** _____ **Uploaded data successfully on** _____

EDD format(s): [ ] **Diskette** [ ] **CD (initial submittal and follow-up)** [ ] **E-mail (follow-up only)** **Other** _____

Environmental Consultants
and Contractors

2830 Dairy Drive
Madison, WI 53718-6751

608 224-2830
FAX 608 224-2839
www.scsengineers.com

SCS ENGINEERS

June 30, 2015
File No. 25215011.00

GEMS Data Submittal Contact – WA/5
Wisconsin Department of Natural Resources
Bureau of Waste Management
P.O. Box 7921
Madison, WI 53707-7921

Subject: Environmental Monitoring Data Submittal – April 2015
Advanced Disposal Services Seven Mile Creek Landfill – Sector 2
Eau Claire, Wisconsin
WDNR License No. 3097, FID No. 618045450

Dear GEMS Data Submittal Contact:

On behalf of Advanced Disposal Services, SCS Engineers is submitting environmental monitoring results for April 2015 for the Seven Mile Creek Landfill (SMCL) – Sector 2. This submittal includes the electronic data file of the monitoring results on a compact disk (CD), the Environmental Monitoring Data Certification form, and a summary of parameters detected at values above NR 140 Groundwater Quality Standards, well-specific preventive action limits (PALs), or alternative concentration limits (ACLs) (**Table 1**).

Included in this submittal are the analytical results and associated field data for the following monitoring points:

- Groundwater monitoring wells (DH-01, DH04R, and DH18 through DH-53)
- Private supply wells (PW-28 and PW-29)
- Surface water (STREAM-1, STREAM-2, and STREAM-3)
- Lysimeters (L-1A, L-2, L-3, and L-4)
- Leachate sample point (LEACHATE TANK (LE-2))

Additional environmental monitoring field data are being submitted separately by Environmental Sampling Corporation.

Field monitoring was performed by Short, Elliot, Hendrickson, Inc., (SEH) of Chippewa Falls, Wisconsin. The monitoring by SEH was conducted between April 20-24, 2015. Laboratory analysis was performed by Pace Analytical Services of Green Bay, Wisconsin.

This letter provides the following information:

- List of NR 140 groundwater standard exceedances and a preliminary analysis of the cause and significance of the exceedances
- Explanation of any deviations from the approved sampling plan

NR 140 GROUNDWATER STANDARD EXCEEDANCES

Groundwater monitoring data were compared to the NR 140 Groundwater Quality Standards for parameters that have established PALs and Enforcement Standards (ESs), and to well-specific PALs and ACLs approved for the wells that are in the Seven Mile Creek Landfill Sector 2 monitoring program. DH-01 and DH-04R are wells that are also in the Seven Mile Creek Landfill Sector 1 monitoring program. **Table 1** summarizes the constituents that were detected at concentrations above a PAL or ES. The cause and significance of the April 2015 standard exceedances are discussed below.

Public Health Parameters

Benzene at DH-53 – Benzene was detected at a concentration of 1.5 ug/L in April 2015, which exceeds the PAL but is below the ES. Benzene PAL exceedances were also detected at this well in April 2012, 2013, and 2014. The exceedances do not appear to be associated with the landfill, as DH-53 is located upgradient of Sector 2, on the north side of County Highway O, and is downgradient of a nearby salvage yard.

Boron at DH-53 – Boron was detected at a concentration of 0.235 mg/L at DH-53 in April 2015, which exceeds the PAL but is below the ES. The concentration is consistent with past results. Similar concentrations were observed during pre-expansion baseline monitoring at nearby well DH-45 several years ago, and an ACL of 0.421 mg/L was approved for that well. The exceedances are not associated with the landfill, as DH-53 is located upgradient of Sector 2. Boron at this location may be due to natural background or to off-site sources such as the salvage yard.

Nitrate at DH-52 – Nitrate was detected at a concentration of 3.1 mg/L at upgradient well DH-52 in April 2015. The result is consistent with previous results for this well, and also with site-wide background results. In the 2005 Plan of Operation approval, ACLs for nitrate were approved for 10 monitoring wells at concentrations ranging from 3 to 10 mg/L. The widespread nitrate impacts, including the PAL exceedance at DH-52, are likely the result of agricultural land uses in the area.

Public Welfare and Indicator Parameters

Iron and Specific Conductance at DH-01 – Iron was detected at a concentration of 66.2 mg/L in the groundwater sample collected from well DH-01 in April 2015. This well is located upgradient of the landfill, and there have been numerous exceedances for iron at DH-01 since 1994, when the well was first sampled. Beginning in about 2007, iron concentrations increased, and have been similar since 2007 through April 2015. Specific conductance has also increased starting in about 2007, but there has only been one exceedance of the PAL (in April 2007) for specific conductance prior to 2014. Iron occurs naturally in the aquifer; however, the well is constructed with a galvanized steel mesh screen, as noted in the 2003 Feasibility Study for the horizontal expansion of Sector 2, and may not provide reliable monitoring data for iron and related parameters.

Other newer wells in the same general area, including DH-39 and DH-40, do not show elevated iron concentrations. Well DH-01 is located in the approved footprint of the landfill and will be abandoned as facility construction dictates.

Iron at DH-22B, DH-35A, and DH-53 – Iron was detected at a concentration exceeding the PAL in the groundwater sample collected at DH-22B in April 2015. There have not been exceedances of groundwater standards for iron at DH-22B since 2010; however, there have been PAL and ES exceedances for iron at DH-22B in the past.

The iron concentration in the sample from DH-35A exceeded the well-specific ACL of 1 mg/L. The results for DH-35A are consistent with recent previous results. Iron has followed a long-term increasing trend at this well from the early 1990s through 2010, but appears to have leveled off since then. Well DH-35A is located between the two Sectors of SMCL and near the closed Town of Seymour Landfill. The iron detected at these wells likely does not indicate impacts from the Sector 2 landfill, but continued monitoring will allow further evaluation of the groundwater conditions in these two areas.

Iron was also detected at a concentration exceeding the ES in the groundwater sample collected at DH-53 in April 2015. This is the third ES exceedance for iron at this well (the ES for iron was also exceeded in October 2013 and October 2014). This well is located upgradient of the landfill, and the iron detected does not indicate impacts from the Sector 2 landfill. Continued monitoring will allow further evaluation of the groundwater conditions in this area.

Specific Conductance, Alkalinity, and Hardness at DH-34 – The PALs for these parameters were exceeded at DH-34 in April 2015. Results for these parameters increased beginning in late 2010 or early 2011, were variable but higher than pre-2010 values in 2012 to 2014, and now appear to be decreasing. The well is located between Sector 2 and the closed Town of Seymour Landfill.

Specific Conductance at DH-33A and DH-39 – The first PAL exceedance for specific conductance at DH-33A was in April 2014. However, the specific conductance reported for October 2014 was much lower, and did not exceed the PAL. The cause and significance will be evaluated further if it is confirmed in subsequent sampling. It appears that the high specific conductance result for DH-33A may not reflect true groundwater quality, because inorganic parameters such as chloride and hardness did not have elevated results. This well is located between Sector 2 and the closed Town of Seymour Landfill. The PAL for specific conductance has been exceeded at DH-39 in the past. The exceedance is not associated with the landfill as DH-39 is located up gradient of Sector 2 and down gradient of a salvage yard.

Alkalinity and Hardness at DH-35 – The PALs for alkalinity and hardness were exceeded at DH-35 in April 2015. The PAL for hardness was first exceeded in April

2014 and hardness levels have decreased since then. This is the first PAL exceedance for alkalinity at this well, and the cause and significance will be evaluated further if it is confirmed in subsequent sampling. The well is located between the two Sectors of SMCL and near the closed Town of Seymour Landfill.

MONITORING PLAN COMMENTS

The monitoring was performed in accordance with the monitoring plan approved by the Wisconsin Department of Natural Resources in the April 19, 2005 Conditional Plan of Operation for the Proposed Horizontal and Vertical Expansion of the Onyx Seven Mile Creek Sector 2 Landfill and the July 19, 2007 Organic Stability Plan Approval, with the exceptions noted below.

Additional wells DH-52 and DH-53 – These wells were installed in 2005 and are not listed on the approved monitoring plans. Starting in 2006, they have been sampled semi-annually according to the approved monitoring protocol for groundwater monitoring wells with annual sampling for volatile organic compounds (VOCs). The wells have also been monitored for baseline parameters starting in 2006. The baseline data will be evaluated for appropriateness for calculating PALs and ACLs for the wells. Monitoring for baseline parameters will continue if additional data is needed.

VOC sampling and liquid elevations at lysimeters – Lysimeter L-1A was dry in April 2015 and therefore no sample was obtained for analysis.

Leachate sampling point – The approved monitoring plan lists the leachate collection point as the "Sector 2 Lift Station" with point identification number #430. However, leachate is not sampled at the lift station, but is sampled at the Sector 2 aboveground leachate tank (reported as LE-2, with point identification #425). The leachate tank, rather than the lift station, has been the sampling point for leachate since 2010.

There were no other deviations from the approved monitoring plan for the monitoring results reported in this submittal.

If you have any questions regarding the information included in this submittal, please call us at 608-224-2830.

Sincerely,

Sherren Clark, PE, PG
Project Director
SCS ENGINEERS

Betty J. Socha, PG, PhD
Senior Project Manager
SCS ENGINEERS

BJS/jsn/SCC

Enclosures: Table 1 – NR 140 Exceedance Summary
Groundwater Monitoring Data Certification Form
GEMS Data CD

cc: Tim Curry, Advanced Disposal Services (e-copy only)
Mark Vinall, ADS Seven Mile Creek Landfill (2 copies of letter, 1 CD)
Frank Perugini, Environmental Sampling Corp. (w/o CD)
Brian Kent, SEH, Inc., (e-copy only)

I:\25215011\Reports\2015 Semiannual - April\SMCL2_Apr2015_GEMS letter_150630_DRAFT.docx

Table 1
NR 140 Exceedance Summary

Site ID: 3097
Site Name: Seven-Mile Creek Landfill - Sector 2
Reporting Period: April 2015

Groundwater Results Exceeding NR 140 Standards

Well	Parameter	Result	PAL	ES	Exceedance Type
DH-01	Iron, dissolved (mg/l as Fe)	66.2	0.15	0.3	ES
	Specific conductance-field (umhos/cm @ 25c)	315	310		PAL (Indicator)
DH-22B	Iron, dissolved (mg/l as Fe)	0.278	0.15	2	PAL
DH-33A	Specific conductance-field (umhos/cm @ 25c)	583	260		PAL (Indicator)
DH-34	Alkalinity, total filtered (mg/l as CaCO3)	304	120		PAL (Indicator)
	Hardness, total, filtered (mg/l as CaCO3)	246	170		PAL (Indicator)
	Specific conductance-field (umhos/cm @ 25c)	1120	320		PAL (Indicator)
DH-35	Alkalinity, total filtered (mg/l as CaCO3)	229	200		PAL (Indicator)
	Hardness, total, filtered (mg/l as CaCO3)	214	210		PAL (Indicator)
DH-35A	Iron, dissolved (mg/l as Fe)	3.47	0.15	1	ES (ACL)
DH-39	Specific conductance-field (umhos/cm @ 25c)	805	330		PAL (Indicator)
DH-52	Nitrite + nitrate, dis. (mg/l as N)	3.1	2	10	PAL
DH-53	Benzene (ug/l)	1.5	0.5	5	PAL
	Boron, dissolved (mg/l as B)	0.235	0.2	1	PAL
	Iron, dissolved (mg/l as Fe)	6.6	0.15	0.3	ES

Groundwater Results with Estimated Concentration Above an NR 140 PAL or ES and Below the LOQ

Note: If both the result and the PAL or ES are above the limit of detection but below the limit of quantitation, the result is not considered a PAL or ES exceedance under NR 140.14(3)(c). If the PAL or ES is below the limit of detection and the result is below the limit of quantitation, the result is not considered a PAL or ES exceedance without additional confirmation as described in NR 140.14(3)(b).

Well	Parameter	Result	LOD/LOQ	PAL	ES
None					

Notes:
PAL = Preventive Action Limit
ES = Enforcement Standard
ug/l = micrograms per liter
mg/l = milligrams per liter

Prepared by: MOB, 6/23/2015
Checked by: BJS, 6/25/2015

State of Wisconsin
Department of Natural Resources

Environmental Monitoring Data Certification

Form 4400-231(R 1/04)

Notice: Personally identifiable information collected will be used for program administration and enforcement purposes. The Department may also provide this information to requesters as required under Wisconsin's Open Records law, ss. 19.31 to 19.39, Wis. Stats.
When submitting monitoring data, the owner or operator of the facility, practice or activity is required to notify the Department in writing that a groundwater standard or an explosive gas level has been attained or exceeded, as specified in ss. NR 140.24(1)(a); NR 140.26(1)(a); NR 507.30NR 635.14(9)(a); NR 635.18(20) and NR 507.30, Wis. Adm. Code. Failure to report may result in fines, forfeitures or other penalties resulting from enforcement under ss. 289.97, 291.97 or 299.95, Wis. Stats.

Instructions:

- **Prepare one form for each license or monitoring ID.**
- **Please type or print legibly.**
- Attach a notification of any values that attain or exceed groundwater standards (that is, preventive action limits, enforcement standards or alternative concentration limits). The notification must include a preliminary analysis of the cause and significance of each value.
- Attach a notification of any gas values that attain or exceed explosive gas levels.
- Send the original signed form, any notification, and Electronic Data Deliverable [EDD] to: GEMS Data Submittal Contact - WA/3
  Bureau of Waste Management
  Wisconsin Department of Natural Resources
  101 South Webster Street
  Madison WI 53707-7921

Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

SCS Engineers

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Mari Bull, Data Specialist Phone: (830) 644-2130

E-mail: mbull@scsengineers.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
Advanced Disposal Services, Seven-Mile Creek Landfill - Sector 2	3097	618045450	April 20-22, 24, and 28, 2015

The enclosed results are for sampling required in the month(s) of: (e.g., June 2003)

April 2015

Type of Data Submitted (Check all that apply)

- [x] Groundwater monitoring data from monitoring wells
- [x] Groundwater monitoring data from private water supply wells
- [x] Leachate monitoring data
- [ ] Gas monitoring data
- [ ] Air monitoring data
- [x] Other (specify) Lysimeters, surface water

Notification attached?

- [ ] No. No groundwater standards or explosive gas limits were exceeded.
- [x] Yes, a notification of values exceeding a groundwater standard is attached. It includes a list of monitoring points, dates, sample values, groundwater standard and preliminary analysis of the cause and significance of any concentration.
- [ ] Yes, a notification of values exceeding an explosive gas limit is attached. It includes the monitoring points, dates, sample values and explosive gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards.

Sherren Clark, SCS Engineers	Project Manager	(608) 216-7323
Facility Representative Name (Print)	Title	(Area Code) Telephone No.

Signature 6-27-15 Date

FOR DNR USE ONLY. Check action taken, and record date and your initials. Describe on back side if necessary.

- [ ] **Found uploading problems on** _____ **Initials** _____
- [ ] **Notified contact of problems on** _____ **Uploaded data successfully on** _____

EDD format(s): [ ] **Diskette** [ ] **CD (initial submittal and follow-up)** [ ] **E-mail (follow-up only)** **Other** _____

Environmental Consultants
and Contractors

2830 Dairy Drive
Madison, WI 53718-6751

608 224-2830
FAX 608 224-2839
www.scsengineers.com

SCS ENGINEERS

December 28, 2015
File No. 25215016.00

GEMS Data Submittal Contact – WA/5
Wisconsin Department of Natural Resources
Bureau of Waste Management
P.O. Box 7921
Madison, WI 53707-7921

Subject: Environmental Monitoring Data Submittal – October 2015
Advanced Disposal Services Seven Mile Creek Landfill – Sector 1
Eau Claire, Wisconsin
WDNR License No. 2821, FID No. 618009260

Dear GEMS Data Submittal Contact:

On behalf of Advanced Disposal Services, SCS Engineers is submitting environmental monitoring results for October 2015 for the Seven Mile Creek Landfill – Sector 1. This submittal includes the electronic data file of the monitoring results on a compact disk (CD), the Environmental Monitoring Data Certification form, and a summary of parameters detected at values above NR 140 Groundwater Quality Standards, well-specific preventive action limits (PALs), or alternative concentration limits (ACLs) (**Table 1**).

Included in this submittal are the analytical results and associated field data for groundwater monitoring wells (DH-01, DH-4R, DH-42 and DH-42A). Additional environmental monitoring field data are being submitted separately by Environmental Sampling Corporation. Field monitoring was performed by Short, Elliot, Hendrickson, Inc., of Chippewa Falls, Wisconsin on October 12, 2015. Laboratory analysis was performed by Pace Analytical Services of Green Bay, Wisconsin.

This letter provides a list of NR 140 groundwater standard exceedances and a preliminary analysis of the cause and significance of the exceedances, and an explanation of any deviations from the approved sampling plan, if any.

NR 140 GROUNDWATER STANDARD EXCEEDANCES

Groundwater monitoring data were compared to the NR 140 Groundwater Quality Standards for parameters that have established PALs and Enforcement Standards (ESs). The results were also compared to well-specific PALs and ACLs approved for DH-01 and DH-04R, which are the wells that are also in the Seven Mile Creek Landfill Sector 2 monitoring program. There are no well-specific PALs and ACLs approved for the remainder of the wells in the Seven Mile Creek Landfill Sector 1 monitoring program.

There were no standard exceedances for the October sampling event (**Table 1**). Previously the only standard exceeded was for iron, which is not a required parameter for Seven Mile Creek Landfill Sector 1. Iron was eliminated from the sampling plan by the Plan Modification Approval for Groundwater Monitoring Reductions, Seven Mile Creek Landfill – Sector 1, dated December 18, 2007, and had not been included in the monitoring since 2007, until 2013 and 2014 when it was analyzed in samples from several wells, apparently in error. Iron was not included in the October 2015 monitoring event and will not be included in future monitoring, in accordance with the 2007 monitoring plan.

In accordance with the approved monitoring program, four monitoring wells (DH-01, DH-4R, DH-42, and DH-42A) were sampled in October 2015, and no volatile organic compound (VOC) analysis was performed. The next round of monitoring for the full monitoring network, including VOC analysis, will be in April 2016.

MONITORING PROGRAM COMMENTS

The monitoring was performed in accordance with the 2007 monitoring plan. There were no deviations from the approved monitoring plan for the monitoring results reported in this submittal.

If you have any questions regarding the information included in this submittal, please call us at 608-224-2830.

Sincerely,

Sherren Clark, PE, PG
Project Director
SCS ENGINEERS

Betty J. Socha, PG, PhD
Senior Project Manager
SCS ENGINEERS

BJS/jsn/SCC

Enclosures: Table 1 – NR 140 Exceedance Summary
Groundwater Monitoring Data Certification Form
GEMS Data CD

cc: Tim Curry, Advanced Disposal Services (e-copy only)
Mike Niewind, Advanced Disposal Services (e-copy only)
Mark Vinall, ADS Seven Mile Creek Landfill (2 copies of letter, 1 CD)
Frank Perugini, Environmental Sampling Corp. (w/o CD)
Brian Kent, SEH, Inc. (e-copy only)

Table 1
NR 140 Exceedance Summary

Site ID: **02821**
Site Name: **ADS Seven Mile Creek Landfill - Sector 1**
Reporting Period: **October 2015**

Groundwater Results Exceeding NR 140 Standards

Well	Parameter	Result	PAL	ES	Exceedance Type
No exceedances					

Notes:
PAL = Preventive Action Limit
ES = Enforcement Standard

Prepared by: MOB, 11/23/15
Checked by: BJS, 11/27/15

State of Wisconsin
Department of Natural Resources

Environmental Monitoring Data Certification

Form 4400-231(R 1/04)

Notice: Personally identifiable information collected will be used for program administration and enforcement purposes. The Department may also provide this information to requesters as required under Wisconsin's Open Records law, ss. 19.31 to 19.39, Wis. Stats.
When submitting monitoring data, the owner or operator of the facility, practice or activity is required to notify the Department in writing that a groundwater standard or an explosive gas level has been attained or exceeded, as specified in ss. NR 140.24(1)(a); NR 140.26(1)(a); NR 507.30NR 635.14(9)(a); NR 635.18(20) and NR 507.30, Wis. Adm. Code. Failure to report may result in fines, forfeitures or other penalties resulting from enforcement under ss. 289.97, 291.97 or 299.95, Wis. Stats.

Instructions:

- **Prepare one form for each license or monitoring ID.**
- **Please type or print legibly.**
- Attach a notification of any values that attain or exceed groundwater standards (that is, preventive action limits, enforcement standards or alternative concentration limits). The notification must include a preliminary analysis of the cause and significance of each value.
- Attach a notification of any gas values that attain or exceed explosive gas levels.
- Send the original signed form, any notification, and Electronic Data Deliverable [EDD] to: GEMS Data Submittal Contact - WA/3
  Bureau of Waste Management
  Wisconsin Department of Natural Resources
  101 South Webster Street
  Madison WI 53707-7921

Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

SCS Engineers

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Mari Bull Phone: (830) 644-2130

E-mail: mbull@scsengineers.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
Advanced Disposal Services Seven-Mile Creek Landfill - Sector 1	02821	618009260	October 12, 2015

The enclosed results are for sampling required in the month(s) of: (e.g., June 2003)

October 2015

Type of Data Submitted (Check all that apply)

- [x] Groundwater monitoring data from monitoring wells
- [ ] Groundwater monitoring data from private water supply wells
- [ ] Leachate monitoring data
- [ ] Gas monitoring data
- [ ] Air monitoring data
- [ ] Other (specify)

Notification attached?

- [x] No. No groundwater standards or explosive gas limits were exceeded.
- [ ] Yes, a notification of values exceeding a groundwater standard is attached. It includes a list of monitoring points, dates, sample values, groundwater standard and preliminary analysis of the cause and significance of any concentration.
- [ ] Yes, a notification of values exceeding an explosive gas limit is attached. It includes the monitoring points, dates, sample values and explosive gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards.

Sherren Clark, SCS Engineers	Project Manager	(608) 216-7323
Facility Representative Name (Print)	Title	(Area Code) Telephone No.

Signature 12-22-15 Date

FOR DNR USE ONLY. Check action taken, and record date and your initials. Describe on back side if necessary.

- [ ] **Found uploading problems on** _____ **Initials** _____
- [ ] **Notified contact of problems on** _____ **Uploaded data successfully on** _____

EDD format(s): [ ] **Diskette** [ ] **CD (initial submittal and follow-up)** [ ] **E-mail (follow-up only)** **Other** _____

Environmental Consultants
and Contractors

2830 Dairy Drive
Madison, WI 53718-6751

608 224-2830
FAX 608 224-2839
www.scsengineers.com

SCS ENGINEERS

December 28, 2015
File No. 25215011.00

GEMS Data Submittal Contact – WA/5
Wisconsin Department of Natural Resources
Bureau of Waste Management
P.O. Box 7921
Madison, WI 53707-7921

Subject: Environmental Monitoring Data Submittal – October 2015
Advanced Disposal Services Seven Mile Creek Landfill – Sector 2
Eau Claire, Wisconsin
WDNR License No. 3097, FID No. 618045450

Dear GEMS Data Submittal Contact:

On behalf of Advanced Disposal Services, SCS Engineers is submitting environmental monitoring results for October 2015 for the Seven Mile Creek Landfill (SMCL) – Sector 2. This submittal includes the electronic data file of the monitoring results on a compact disk (CD), the Environmental Monitoring Data Certification form, and a summary of parameters detected at values above NR 140 Groundwater Quality Standards, well-specific preventive action limits (PALs), or alternative concentration limits (ACLs) (**Table 1**).

Included in this submittal are the analytical results and associated field data for the following monitoring points:

- Groundwater monitoring wells (DH-01, DH-04R, and DH-18A through DH-53)
- Private supply wells – Office well (PW-28) and Shop well (PW-29)
- Surface water (STREAM-1, STREAM-2, and STREAM-3)
- Lysimeters (L-1A, L-2, L-3, and L-4)
- Leachate sample point (LEACHATE TANK (LE-2))

Additional environmental monitoring field data are being submitted separately by Environmental Sampling Corporation.

Field monitoring was performed by Short, Elliot, Hendrickson, Inc., of Chippewa Falls, Wisconsin. Laboratory analysis was performed by Pace Analytical Services of Green Bay, Wisconsin.

This letter provides the following information:

- List of NR 140 groundwater standard exceedances and a preliminary analysis of the cause and significance of the exceedances
- Explanation of any deviations from the approved sampling plan

NR 140 GROUNDWATER STANDARD EXCEEDANCES

Groundwater monitoring data were compared to the NR 140 Groundwater Quality Standards for parameters that have established PALs and Enforcement Standards (ESs), and to well-specific PALs and ACLs approved for the wells that are in the Seven Mile Creek Landfill Sector 2 monitoring program. DH-01 and DH-04R are wells that are also in the Seven Mile Creek Landfill Sector 1 monitoring program. **Table 1** summarizes the constituents that were detected at concentrations above a PAL or ES. The cause and significance of the October 2015 standard exceedances are discussed below.

Public Health Parameters

Nitrate at DH-52 – Nitrate was detected at a concentration of 3 mg/L at upgradient well DH-52 in October 2015. The result is consistent with previous results for this well, and also with site-wide background results. In the 2005 Plan of Operation approval, ACLs for nitrate were approved for 10 monitoring wells at concentrations ranging from 3 to 10 mg/L. The widespread nitrate impacts, including the PAL exceedance at DH-52, are likely the result of agricultural land uses in the area.

Public Welfare and Indicator Parameters

Iron at DH-01 – Iron was detected at a concentration of 29.7 mg/L in the groundwater sample collected from well DH-01 in October 2015. This well is located upgradient of the landfill, and there have been numerous exceedances for iron at DH-01 since 1994, when the well was first sampled. Beginning in about 2007, iron concentrations increased, and have been similar since 2007 through October 2015. Iron occurs naturally in the aquifer; however, the well is constructed with a galvanized steel mesh screen, as noted in the 2003 Feasibility Study for the horizontal expansion of Sector 2, and may not provide reliable monitoring data for iron and related parameters. Other newer wells in the same general area, including DH-39 and DH-40, do not show elevated iron concentrations. Well DH-01 is located in the approved footprint of the landfill and will be abandoned as facility construction dictates.

Iron at DH-32 – Iron was detected at a concentration exceeding the PAL in the groundwater sample collected at DH-32 in October 2015. There have not been exceedances of groundwater standards for iron at DH-32 since 2005. The iron concentration at DH-32 will be evaluated further if it is confirmed by additional sampling.

Iron at DH-35A –The iron concentration in the sample from DH-35A exceeded the well-specific ACL of 1 mg/L. The results for DH-35A are consistent with recent previous results. Iron has followed a long-term increasing trend at this well from the early 1990s through 2010, but appears to have leveled off since then. Well DH-35A is located between the two Sectors of SMCL and near the closed Town of Seymour Landfill. The iron detected at this well likely does not indicate impacts from the Sector 2 landfill.

Iron at DH-41 – Iron was detected at a concentration exceeding the ES in the sample collected from DH-41 in October 2015. There have been a few PAL exceedances at the well in the past, but no ES exceedances. This well is located inside the design management zone, so it is not a point of standards application for the ES.

Iron at DH-49 – Iron was detected at a concentration exceeding the ES in the sample collected from DH-49 in October 2015. There have been no PAL exceedances at this well in the past, and no other parameters have elevated concentrations. The iron concentration at DH-49 will be evaluated further if it is confirmed by additional sampling.

Iron at DH-53 – Iron was detected at a concentration exceeding the ES in the groundwater sample collected at DH-53 in October 2015. This is the fourth ES exceedance for iron at this well (the ES for iron was also exceeded in October 2013, October 2014, and April 2015). This well is located upgradient of the landfill, and the iron detected does not indicate impacts from the Sector 2 landfill.

Hardness at DH-18A – Hardness was detected at a concentration exceeding the PAL in the groundwater sample collected at DH-18A in October 2015. There have not been exceedances of groundwater standards for hardness at DH-18A. The hardness concentration at DH-18A will be evaluated further if it is confirmed by additional sampling.

Specific Conductance at DH-34 – The PAL for specific conductance was exceeded at DH-34 in October 2015. Results for this parameter increased beginning in late 2010 or early 2011, were variable but higher than pre-2010 values in 2012 to 2014, and now appear to be decreasing. The well is located between Sector 2 and the closed Town of Seymour Landfill.

Specific Conductance at DH-18B and DH-35 – The PAL for specific conductance at DH-18B and DH-35 were exceeded in October 2015, and were also exceeded in October 2013 and October 2014. Increased conductivity may be reflecting seasonal variations in groundwater quality, as the PALs at these wells were not exceeded in April of each of these years. DH-35 is located between the two Sectors of SMCL and near the closed Town of Seymour Landfill. DH-18B is located between the two Sectors of SMCL and the creek.

MONITORING PLAN COMMENTS

The monitoring was performed in accordance with the monitoring plan approved by the Wisconsin Department of Natural Resources in the April 19, 2005 Conditional Plan of Operation for the Proposed Horizontal and Vertical Expansion of the Onyx Seven Mile Creek Sector 2 Landfill and the July 19, 2007 Organic Stability Plan Approval, with the exceptions noted below.

Additional wells DH-52 and DH-53 – These wells were installed in 2005 and are not listed on the approved monitoring plans. Starting in 2006, they have been sampled semi-annually according to the approved monitoring protocol for groundwater monitoring wells with annual sampling for volatile organic compounds (VOCs). The wells have also been monitored for baseline parameters starting in 2006. The baseline data will be evaluated for appropriateness for calculating PALs and ACLs for the wells. Monitoring for baseline parameters will continue if additional data is needed.

VOC sampling and liquid elevations at lysimeters – Lysimeter L-1A was dry in October 2015 and therefore no sample was obtained for analysis.

Leachate sampling point – The approved monitoring plan lists the leachate collection point as the "Sector 2 Lift Station" with point identification #430. However, leachate is not sampled at the lift station, but is sampled at the Sector 2 aboveground leachate tank (reported as LE-2, with point identification #425). The leachate tank, rather than the lift station, has been the sampling point for leachate since 2010.

There were no other deviations from the approved monitoring plan for the monitoring results reported in this submittal.

If you have any questions regarding the information included in this submittal, please call us at 608-224-2830.

Sincerely,

Sherren Clark, PE, PG
Project Director
SCS ENGINEERS

Betty J. Socha, PG, PhD
Senior Project Manager
SCS ENGINEERS

BJS/jsn/SCC

Enclosures: Table 1 – NR 140 Exceedance Summary
Groundwater Monitoring Data Certification Form
GEMS Data CD

cc: Tim Curry, Advanced Disposal Services (e-copy only)
Mark Vinall, ADS Seven Mile Creek Landfill (2 copies of letter, 1 CD)
Frank Perugini, Environmental Sampling Corp. (w/o CD)
Brian Kent, SEH, Inc., (e-copy only)

Table 1
NR 140 Exceedance Summary

Site ID: 3097
Site Name: Seven Mile Creek Landfill - Sector 2
Reporting Period: October 2015

Groundwater Results Exceeding NR 140 Standards

Well	Parameter	Result	PAL	ES	Exceedance Type
DH-01	Iron, dissolved (mg/l as Fe)	29.7	0.15	0.3	ES
DH-18A	Hardness, total, filtered (mg/l as CaCO3)	157	130		PAL (Indicator)
DH-18B	Specific conductance-field (umhos/cm @ 25c)	440	270		PAL (Indicator)
DH-32	Iron, dissolved (mg/l as Fe)	0.167	0.15	0.3	PAL
DH-34	Specific conductance-field (umhos/cm @ 25c)	560	320		PAL (Indicator)
DH-35	Specific conductance-field (umhos/cm @ 25c)	538	380		PAL (Indicator)
DH-35A	Iron, dissolved (mg/l as Fe)	3.72	0.15	1	ES (ACL)
DH-41	Iron, dissolved (mg/l as Fe)	0.404	0.15	0.3	ES
DH-49	Iron, dissolved (mg/l as Fe)	0.354	0.15	0.3	ES
DH-52	Nitrite + nitrate, dis. (mg/l as N)	3	2	10	PAL
DH-53	Iron, dissolved (mg/l as Fe)	14.1	0.15	0.3	ES

Groundwater Results with Estimated Concentration Above an NR 140 PAL or ES and Below the LOQ

Note: If both the result and the PAL or ES are above the limit of detection but below the limit of quantitation, the result is not considered a PAL or ES exceedance under NR 140.14(3)(c). If the PAL or ES is below the limit of detection and the result is below the limit of quantitation, the result is not considered a PAL or ES exceedance without additional confirmation as described in NR 140.14(3)(b).

Well	Parameter	Result	LOQ	PAL	ES
None					

Notes:
PAL = Preventive Action Limit
ES = Enforcement Standard
LOQ = Limit of Quantitation
mg/l = milligrams per liter

Prepared by: MOB, 12/9/15
Checked by: BJS, 12/10/15

State of Wisconsin
Department of Natural Resources

Environmental Monitoring Data Certification

Form 4400-231(R 1/04)

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- Attach a notification of any gas values that attain or exceed explosive gas levels.
- Send the original signed form, any notification, and Electronic Data Deliverable [EDD] to: GEMS Data Submittal Contact - WA/3
  Bureau of Waste Management
  Wisconsin Department of Natural Resources
  101 South Webster Street
  Madison WI 53707-7921

Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

SCS Engineers

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Mari Bull Phone: (830) 644-2130

E-mail: mbull@scsengineers.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
Advanced Disposal Services, Seven-Mile Creek Landfill - Sector 2	3097	618045450	October 12-15, and 19, 2015

The enclosed results are for sampling required in the month(s) of: (e.g., June 2003)

October 2015

Type of Data Submitted (Check all that apply)

- [x] Groundwater monitoring data from monitoring wells
- [x] Groundwater monitoring data from private water supply wells
- [x] Leachate monitoring data
- [ ] Gas monitoring data
- [ ] Air monitoring data
- [x] Other (specify) Lysimeters, surface water

Notification attached?

- [ ] No. No groundwater standards or explosive gas limits were exceeded.
- [x] Yes, a notification of values exceeding a groundwater standard is attached. It includes a list of monitoring points, dates, sample values, groundwater standard and preliminary analysis of the cause and significance of any concentration.
- [ ] Yes, a notification of values exceeding an explosive gas limit is attached. It includes the monitoring points, dates, sample values and explosive gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards.

Sherren Clark, SCS Engineers	Project Manager	(608) 216-7323
Facility Representative Name (Print)	Title	(Area Code) Telephone No.

Signature 12-16-15 Date

FOR DNR USE ONLY. Check action taken, and record date and your initials. Describe on back side if necessary.

- [ ] **Found uploading problems on** _____ **Initials** _____
- [ ] **Notified contact of problems on** _____ **Uploaded data successfully on** _____

EDD format(s): [ ] **Diskette** [ ] **CD (initial submittal and follow-up)** [ ] **E-mail (follow-up only)** **Other** _____

2016 Annual Report

Advanced Disposal Services
Seven Mile Creek Landfill
Eau Claire County, Wisconsin

Sector 1: WDNR License #02821
Sector 2: WDNR License #03097

Prepared for:
Advanced Disposal Services
Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire, WI 54703

Prepared by:
Environmental Sampling Corporation
P.O. Box 12
Muskego, WI 53150

November 2017

Advanced Disposal

November 6, 2017

Mr. Marty Herrick
Wisconsin Department of Natural Resources
3550 Mormon Coulee Road
La Crosse, WI 54601

Re: Advanced Disposal Services Seven Mile Creek Landfill
Sector 1: License #02821, Sector 2: License #03097
Eau Claire County, Wisconsin
2016 Annual Report

Dear Mr. Herrick:

With this letter, Advanced Disposal Services Seven Mile Creek Landfill is submitting two copies of the 2016 Annual Report. The report is submitted pursuant to the annual report requirements listed in the "Report on the Plans and Specifications for A Sanitary Landfill to be Owned and Licensed by the City of Eau Claire (Seven Mile Creek Landfill)", issued by the Wisconsin Department of Natural Resources (WDNR) on July 31, 1978 and other subsequent approvals issued for both Sector 1 and Sector 2 Landfills.

The format for this annual report presents applicable site approval conditions followed by responses that address the requested information and data. We believe this method provides for accurate tracking of reporting requirements from year to year.

If you have any questions regarding this submittal, please call Frank Perugini, Environmental Sampling Corporation at (414) 427-5033 or the undersigned at (715) 839-9553. Thank you.

Sincerely,

Mark Vinall
Area Manager
Advanced Disposal Services Seven Mile Creek Landfill

Enclosure: 2016 Annual Report

cc: Jill Schoen: WDNR – Eau Claire
Tim Curry: ADS-Midwest (electronic copy)
Kari Rabideau: ADS-Midwest (electronic copy)
Mike Niewind: ADS-Midwest (electronic copy)
John Blackmon: ADS-SMCL (electronic copy)
Jeff Hong: ADS-SMCL (electronic copy)
ADS-SMCL File Copy
Tyler Field: Cornerstone Environmental Group (hard copy, electronic copy)
John Oswald: Cornerstone Environmental Group (electronic copy)
Dan Roche: Cornerstone Environmental Group (electronic copy)
Sherren Clark: SCS Engineers (electronic copy)
Frank Perugini: ESC

2016 ANNUAL REPORT
ADVANCED DISPOSAL SERVICES
SEVEN MILE CREEK LANDFILL
SECTOR 1: LICENSE #02821 / SECTOR 2: LICENSE #03097
EAU CLAIRE COUNTY, WISCONSIN

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1.0 INTRODUCTION

Advanced Disposal Services Seven Mile Creek Landfill (ADS-SMCL) operates a municipal solid waste landfill located in SE ¼ of Section 8 and the SW ¼ of Section 9, Township 27 N, Range 8 W, City of Eau Claire, Eau Claire County, Wisconsin. This facility was previously known as Veolia ES Seven Mile Creek Landfill and Onyx Seven Mile Creek Landfill. The ADS-SMCL facility includes a closed landfill identified as Sector 1 (license #02821) and an active landfill identified as Sector 2 (license # 03097) located north and northeast of the closed Sector 1 landfill.

During 2016, the ADS-SMCL facility was operating in accordance with the Conditional Plan of Operation Approval issued by the Wisconsin Department of Natural Resources (WDNR) on April 19, 2005, the Conditional Plan of Operation for the Proposed Vertical Expansion issued by the WDNR on March 18, 2016 (**Appendix A**) and applicable prior and subsequent approvals. ADS-SMCL and Environmental Sampling Corporation (ESC) personnel have reviewed pertinent WDNR approval conditions to determine the necessary annual report contents. Any WDNR approvals issued during 2016 or approvals that pertain to monitoring or activities conducted in 2016 are provided with this report in **Appendix A.**

The approval references are presented below in bold italic font followed by ADS-SMCL's response in normal font. Also included with this annual report are the reporting requirements for the facility's Source Separated Compostable Material Facility (license #04426). This facility is currently operating in accordance with the February 22, 2013 Approval. The annual report information is provided in the following sections titled: Landfill Operations and Compostable Material Facility Operations.

2.0 LANDFILL OPERATIONS

Approval Reference
July 31, 1978
Report on the Plans and Specifications for A Sanitary Landfill to be Owned and Licensed by the City of Eau Claire (Seven Mile Creek Landfill)

38. Annually three copies of the report reviewing the operation of this site and discussing the environmental effectiveness, the operational problems experienced, any proposed changes in the operation, groundwater quality results and any written analysis thereof, etc. shall be submitted to the Departments beginning one year after the date of this approval. A copy of this report shall be submitted to the West Central District office and two copies shall be sent to the Bureau of Waste Management in Madison.

Response
To meet this requirement ADS-SMCL is providing the WDNR with this annual report, which discusses the facility activities from the previous calendar year. As required by this approval condition, environmental effectiveness, operational problems, proposed changes, and groundwater quality are addressed in this report in response to approval conditions outlined in the remainder of the report. A copy of this annual report was sent to Jill Schoen at the West Central District Office in Eau Claire, Wisconsin. Two copies of this annual report were provided to Marty Herrick at the WDNR Service Center in La Crosse, Wisconsin in lieu of sending the reports to the Bureau of Waste Management in Madison.

Approval Reference
July 30, 1990
Modification to the Plan of Operation Approval, Gas Extraction System, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

11. The following monitoring and reporting shall be performed on the active gas extraction system, and the results shall be submitted to the Bureau of Solid and Hazardous Waste Management on a quarterly basis.

a. Vacuum applied at each well – recorded monthly.
b. Average gas extraction flow rate at the building inlet plus methane and oxygen concentrations – recorded monthly.
c. Gas composition, concentration of methane and oxygen at each well – recorded monthly.

Response
The gas extraction wells located in Sector 1 and Sector 2 are monitored monthly at a minimum. Monthly monitoring includes landfill gas quality and vacuum applied at each well, as required by conditions 11.a. and 11.c. Gas blower quality and gas flow rate are recorded at least monthly and fulfill the monitoring requirements specified in 11.b. The Gas Extraction Report (**Appendix B, Attachment B-1**) provides a summary of the gas blower and gas extraction well monitoring conducted during 2016. A summary of the

average monthly gas extraction flow rates, required by condition 11.b is provided in the 2016 Gas Volume Summary provided as **Appendix B**, **Table B-1**.

The 2016 monthly gas monitoring data was provided to the WDNR Bureau of Solid and Hazardous Waste Management on a quarterly basis with the Groundwater and Environmental Monitoring System (GEMS) data submissions. The gas extraction system monitoring data was also provided to the WDNR Air Management Bureau on a semi-annual basis with the air pollution control operation permit reports.

Approval Reference
July 30, 1990
Modification to the Plan of Operation Approval, Gas Extraction System, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

11. The following monitoring and reporting shall be performed on the active gas extraction system, and the results shall be submitted to the Bureau of Solid and Hazardous Waste Management on a quarterly basis.

d. Volume of condensate collected.

Response
The gas condensate generated at the facility is disposed of in the leachate collection system by means of a gravity drain system. Gas condensate volumes generated are included in the total leachate volume produced at the facility. The facility does not have a means of monitoring the volume of gas condensate produced. The Department formally removed this monitoring requirement with the issuance of the December 13, 1990 Facility Closure Documentation Approval and Plan Modification Approval for Sector 1.

Approval Reference
July 30, 1990
Modification to the Plan of Operation Approval, Gas Extraction System, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

11. The following monitoring and reporting shall be performed on the active gas extraction system, and the results shall be submitted to the Bureau of Solid and Hazardous Waste Management on a quarterly basis.

e. Priority pollutant analysis on a sample of condensate – tested annually.

The gas condensate generated at the facility is disposed of in the leachate collection system by means of a gravity drain system. The facility does not have the means to conduct a discrete gas condensate sample. No annual gas condensate sample could be collected for priority pollutant analysis.

Since the gas condensate is comingled with the leachate, a summary of the laboratory analyses conducted on the Sector 1 leachate samples collected during 2016 is provided as **Appendix C, Attachment C-1**. A priority pollutant scan required by the wastewater treatment plant was performed in April 2016. Additional analyses required by the wastewater treatment plant, beyond those required by the solid

waste permit are also included in the summary. Laboratory analytical data for the annual sample collected in April 2016 was provided to the WDNR in the Sector 1 Monitoring Report and GEMS submission prepared by SCS Engineers and dated June 20, 2016.

Approval Reference
July 30, 1990
Modification to the Plan of Operation Approval, Gas Extraction System, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

11. The following monitoring and reporting shall be performed on the active gas extraction system, and the results shall be submitted to the Bureau of Solid and Hazardous Waste Management on a quarterly basis.

f. Air pressure test of the condensate system, to test the system for leakage on an annual basis.

Response
This monitoring requirement was eliminated with the issuance of the February 9, 1999 Acknowledgement of Expedited Plan Modification Request, Superior Seven Mile Creek Landfill, Sector 1. License No. 2821.

The condensate system is located on natural soil or engineered fill outside the limits of waste of the Sector 1 landfill therefore is unaffected by waste settlement. The prior annual air pressure test of the condensate system had revealed no problems with leakage.

Approval Reference
July 30, 1990
Modification to the Plan of Operation Approval, Gas Extraction System, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

11. The following monitoring and reporting shall be performed on the active gas extraction system, and the results shall be submitted to the Bureau of Solid and Hazardous Waste Management on a quarterly basis.

g. Summary of the gas collection system operations indicating all down time, problems, etc., and proposed solutions.

Response
The gas extraction system at the facility includes one blower/flare and a landfill gas to energy plant which collects and combusts landfill gas generated from both Sector 1 and Sector 2. The blower/flare for the entire gas system (Sector 1 and Sector 2) operated with 99.5% efficiency during 2016. There was a total of 40.22 hours of downtime during the reporting period. The downtime summary is provided as **Table B-2** in **Appendix B**.

During the reporting period, ADS-SMCL operated the gas extraction system efficiently with minimal operational issues. The Gas Extraction Report (**Appendix B, Attachment B-1**) includes wellfield monitoring

data for 2016. This wellfield monitoring data was reviewed throughout 2016 for exceedances of the operating conditions for pressure, temperature, and oxygen specified in the facility's air permit. Any exceedances of these operating conditions, adjustments made to the gas system to correct the exceedances, and the length of time of each exceedance are documented in the Exceedance Report provided in **Appendix B**, **Attachment B-1**.

During 2015, the WDNR rescinded alternate operating conditions for oxygen at the facility's leachate cleanouts, recirculation lines, and manholes that had previously been approved by the WDNR on March 15, 2005. The approval had allowed for these supplemental locations to be operated with oxygen concentrations in excess of 5%. Effective September 25, 2015, the leachate cleanouts, recirculation lines, and manholes were to be managed in accordance with NSPS guidelines based on waste age. There was one compliance issue at supplemental gas extraction point (SEC2MH18) related to the change in oxygen levels at the supplemental locations after the issuance of the September 25, 2015 letter. This incident was documented in an Air Operation Permit Deviation Summary Report which was provided to the WDNR Air Management Bureau.

There was one additional incident in which a supplemental gas extraction point (i.e. odor control point S2P8OC11) exhibited operating conditions that exceeded those specified in the air permit due to watered out conditions. The exceedances could not be corrected within the timeframe allowed by the air permit and the facility had to perform corrective actions, which included abandonment of this supplemental gas extraction point. This incident was documented in an Air Operation Permit Deviation Summary Report which was provided to the WDNR Air Management Bureau.

Select supplemental gas extraction points (i.e. odor control points S2P01OC2, S2P08OC1, and S2P08OC2) also exhibited operating conditions that exceeded those specified in the air permit during 2016. These conditions were related to watered out conditions and a well integrity issue. Although the conditions were corrected within the timeframe allowed by the air operating permit, these points were not operating effectively as gas extraction points. WDNR approved abandonment of select supplemental points during 2016.

A summary of the abandonment approvals, acknowledgement of abandonment due to construction, and the rescinded approval issued by the WDNR during 2015 is below. All approvals are provided with this report as **Appendix A**.

Approval Date	**Description**	**Affected Monitoring Points**
September 25, 2015	Rescinded Approval for Oxygen Levels at Leachate Cleanouts, Recirculation Lines, and Manholes (March 15, 2005)	Leachate cleanouts, recirculation lines, and manholes located in areas in which waste has been in place for five years or more if active or two years or more if closed or at final grade
February 26, 2016	Abandonment Approval	S2P01OC2, S2P08OC1, and S2P08OC2
June 6, 2016	Acknowledgement of Notification of Planned Abandonment	SEC2MH17 and SEC2MH18
November 14, 2016	Abandonment Approval	S2P8OC11

The information required by this permit condition (i.e. 11.g.) was addressed in the semi-annual Air Pollution Control Operation Permit Semi-Annual Data Reports provided to the WDNR Air Management Bureau and also annually to the Bureau of Solid and Hazardous Waste Management with the submission of this annual report. The requirement to provide this data to the Bureau of Solid and Hazardous Waste Management on a quarterly basis was written when the approval was issued in July 1990, prior to the issuance of the facility's air operation permit.

Approval Reference
December 13, 1990
Facility Closure Documentation Approval and Plan Modification Approval, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

5. The annual reports, as originally required by the Department in the plan of operation approval shall be expanded to include all of the following:

a. Documentation of all site maintenance inspections and documentation of all maintenance work performed on the landfill over the past year.

Response
Maintenance, repairs, and improvements were conducted as needed during 2016 based on visual observations, site personnel and consultant inspections. A summary of these activities and the dates that the work was conducted is provided in the Maintenance and Repairs Summary (**Appendix D, Attachment D-1**).

Monthly inspections were conducted in accordance with the facility's spill prevention plan. Quarterly inspections of the general site conditions, infiltration basins, and structural controls were conducted by site personnel in February, May, August, and October 2016. An Annual Facility Site Compliance Inspection Report was completed in October 2016. Additionally, visual inspections of the wellfield components and visual observations of the landfill cover areas are conducted monthly during the gas system monitoring events. Site inspection forms are provided in **Appendix D, Attachment D-2**. Maintenance or repairs conducted because of issues identified during the inspections and any routine maintenance performed in accordance with the facility's Malfunction Prevention and Abatement Plan were documented in the Maintenance and Repairs Summary (**Appendix D, Attachment D-1**).

There were also inspections of the monitoring components performed in April and October 2016. Documentation is provided in the Monitoring Well, Gas Probe, Lysimeter, and Leachate Head Well Condition Report provided as **Appendix D, Attachment D-3**.

Approval Reference
December 13, 1990
Facility Closure Documentation Approval and Plan Modification Approval, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

5. The annual reports, as originally required by the Department in the plan of operation approval shall be expanded to include all of the following:

b. Summary of the groundwater monitoring results over the past year and a discussion of the need for any changes to the groundwater monitoring program.

Response
Groundwater monitoring was conducted at the facility in April and October 2016 in accordance with the March 16, 2016 Conditional Plan of Operation and clarification provided in the April 11, 2016 e-mail correspondence. A summary of the Sector 1 and Sector 2 groundwater monitoring results were provided to the Department on a semi-annual basis in the groundwater monitoring reports included as **Appendix E, Attachment E-1**.

The groundwater monitoring program changed slightly with the issuance of the Modification of the Plan of Operation Approval and Revised Summary of Environmental Monitoring Requirements dated October 27, 2016. Additional revisions of the monitoring program were provided in the Revised Summary of Environmental Monitoring Requirements dated February 28, 2017. Although the revisions did not affect the groundwater monitoring wells, the February 28, 2017 document includes the current groundwater monitoring program for the facility.

Approval Reference
December 13, 1990
Facility Closure Documentation Approval and Plan Modification Approval, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

5. The annual reports, as originally required by the Department in the plan of operation approval shall be expanded to include all of the following:

c. Summary of the leachate head elevations over the past year and any concern for head build up with in the landfill and the need for any changes to the leachate head monitoring program. Results of the head well assessment required by condition 14 of this approval.

14. Beginning in 1992 and every two years thereafter, the condition of all head wells shall be assessed. This procedure shall include measurements of well depth and comparison to installed depth, and a slug test. The results of these tests shall be included in the annual report.

Response
Head well monitoring is conducted annually at the head wells located in Sector 1 and monthly at the head wells located in Sector 2. Information regarding the Sector 1 and Sector 2 leachate head well monitoring is provided below.

Sector 1 Leachate Head Well Monitoring:
The annual head well monitoring for Sector 1 was conducted in April 2016. A summary of the monitoring data is provided as **Appendix C, Table C-1**. Leachate head wells and were dry during the annual monitoring event. Leachate head wells LHW-1A, LHW-1B, LHW-2A, LHW-2B, LHW-3A, LHW-4A, LHW-4B, LHW-5B, and LHW-6B had liquid levels that ranged from 0.2 ft. to 4.7 ft. Leachate head well LHW-3BR, LHW-5A, and LHW-6A had liquid levels that measured 13.3 ft., 12.2 ft., and 7.4 ft., respectively. In general, the head levels recorded during the annual event in 2016 were similar to those recorded in 2015.

Section NR 504.06(1) (a) of the Wisconsin Administrative Code requires that composite landfill liners constructed after July 1, 1996 be designed with leachate collection systems capable of limiting the average leachate head to one foot or less during operation and after closure of the landfill. Sector 1 of the facility was constructed prior July 1, 1996 and is therefore not subject to the one-foot requirement. However, the site continues to remove leachate from Sector 1 to minimize head levels.

Sector 1 Leachate Head Well Evaluation:
As required by Condition 14., an assessment of the condition of the Sector 1 head wells was conducted on August 29, 2016 by SEH, personnel. As part of the assessment, the total well depths and depth to liquid measurements were recorded at each head well. A comparison of the measured total depths and the installed well depths is provided in **Appendix C, Attachment C-2**. As indicated in Leachate Head Well Total Depth Evaluation summary, the measured total depths at each headwell are currently less than the total depths that were recorded at installation. This decrease in total depth is likely due in part to sediment build-up in the head wells, but is also a result of well repairs and adjustments made since installation. The top of well reference elevations recorded at installation were compared with the top of well reference elevations recorded after the most recent survey. This comparison indicates a decrease at all head wells with the exception of LHW-3BR which was damaged and repaired during 2015. The top of well elevation at LHW-3BR was increased after repair. The observed elevation decreases at the other head wells ranged from 1.1 ft. to 3.6 ft. These decreases likely indicate adjustments made to the total depth of the head well after installation (i.e. cut down the PVC stick up due to settlement of the protective casing, etc.) as well as variations in survey instrument precision over time.

The measured differences in total well depth were evaluated after taking into account the change in reference elevation. The changes in total depth from installed depth to measured total depth ranged from negligible differences (i.e. ± 0.6 ft.) to - 1.3 ft. at the following head wells: LHW-1B, LHW-2B, LHW-4A, LHW-4B, LHW-5A, and LHW-5B. These differences in total depth may be due to settlement build-up, obstructions, and/or measurement precision. The changes in total depth at head wells LHW-1A, LHW-2A, LHW-3BR, LHW-6A, and LHW-6B ranged from -2.2 ft. to -4.5 ft. and LHW-3A indicated a difference of -13.1 ft. These decreases in the total depth of the head well are likely due to collapsed well screens and/or obstructions. SEH's assessment notes provided in **Appendix C, Attachment C-2** indicate the presence of filter pack sand in several of these head wells.

As indicated in SEH's assessment notes, repairs were needed at several of the head wells due to settlement of the protective casings. These repairs were conducted by SEH personnel on September 27, 2016. Documentation of the repairs is provided in **Appendix C, Attachment C-2**.

SEH personnel attempted to perform slug tests at each head well that contained a significant volume of liquid to pump. Head wells LHW-1A, LHW-1B, LHW-2A, LHW-4B, and LHW-5B were dry or contained a

limited volume of liquid; no additional evaluation was performed at these head wells. Head well LHW-6A was pumped dry and recovery was documented in the field notes provided in Appendix C, Attachment C-2. Attempts made to pump the remaining seven head wells (LHW-2B, LHW-3A, LHW-3BR, LHW-4A, LHW-5A, and LHW-6B) with an inertia pump (waterra) or disposable bailer were met with difficulty or were unsuccessful. Pumping attempts were impeded by a limited volume of liquid, obstructions, or sand in the head wells that prohibited the pump valve from seating properly. Attempts to remove liquid with bailers were unsuccessful because the bailers became lodged below grade. Details of the attempts are provided in the SEH Field Notes provided as **Appendix C, Attachment C-2**.

Sector 2 Leachate Head Well Monitoring:
Sector 2 contains three vertical leachate head wells (VLHW-1A, VLHW-2A, and VLHW-3A) and 14 leachate head wells constructed along the landfill side slopes (LHW-4A, LHW-4B, LHW-5A, LHW-5B, LHW-6A, LHW-6B, LHW-7A, LHW-7B, LHW-8, LHW-9, LHW-10A, LHW-10B, LHW-11, and LHW-12). Vertical head wells were measured with a liquid level indicator tape. Side-slope head wells were measured with a bubbler system.

A summary of the monthly leachate head well monitoring results for Sector 2 is provided as **Table C-1** in Appendix C. As indicated in this summary, all liquid level measurements at the leachate head wells constructed along the landfill side slopes (i.e. LHW-4A through LHW-12) indicated dry conditions or less than one-foot of liquid throughout 2016.

The vertical leachate head wells indicated sustained liquid levels greater than one foot throughout 2016. These liquid levels are consistent with historic data. It is suspected that the elevated liquid levels in the vertical leachate head wells do not represent actual leachate depths, and are the result of perched liquid in the waste mass. The recorded elevated heads at these wells may be further affected by measurement difficulties. Liquid within these head wells appears to foam making it difficult for the measuring instrumentation to clearly detect the liquid level. In addition, the internal vacuum within the landfill has been noted to cause leachate to foam and rise inside the vertical wells, generating liquid levels that are not representative of actual conditions.

These vertical leachate head wells (i.e. VLHW-1A, VLHW-2A, and VLHW-3A) were drilled as replacement head wells and were installed to depths that are approximately 10 feet above the landfill liner. As such, measurements made at these head wells do not indicate the presence of liquid on the liner in Phases 1-3 of the facility. It is suspected that these liquid levels indicate perched liquid within the waste mass. The leachate in these Phases of the facility is collected by means of a gravity drain system and there are no sumps to provide an alternate means of liquid level measurement in these Phases. It is anticipated that monthly liquid levels will continue to indicate the presence of perched liquid within these Phases of the facility.

ADS continued to haul leachate off-site throughout 2016. No leachate was recirculated and no RD&D liquids were applied in the phases of the facility that contain vertical leachate head wells (i.e. Phases 1-3). Additionally, ADS-SMCL maintains liquid extraction pumps in a number of gas extraction wells to improve gas collection. These pumps also supplement the leachate extraction system at the facility.

Approval Reference
December 13, 1990
Facility Closure Documentation Approval and Plan Modification Approval, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

5. The annual reports, as originally required by the Department in the plan of operation approval shall be expanded to include all of the following:

a. Summary of the leachate quantity and quality over the past year.

Response
A summary of the leachate volumes pumped from Sector 1 and Sector 2 and recirculated in Sector 2 during 2016 are provided as **Appendix C, Table C-3**. Leachate quality results for the samples collected from Sector 1 and Sector 2 are summarized in **Appendix C, Attachment C-1**.

Approval Reference
December 13, 1990
Facility Closure Documentation Approval and Plan Modification Approval, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

5. The annual reports, as originally required by the Department in the plan of operation approval shall be expanded to include all of the following:

b. Summary of leachate line cleaning over the past year.

Response
The Sector 1 and Sector 2 leachate lines were cleaned by Superior Jetting on June 20-28, 2016. Documentation of the line jetting is provided in **Appendix D, Attachment D-4**. The leachate manholes and lift station were also vacuumed out during the June 2016 event. Notes are also included in the documentation provided as **Appendix D, Attachment D-4.**

Approval Reference
December 13, 1990
Facility Closure Documentation Approval and Plan Modification Approval, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

5. The annual reports, as originally required by the Department in the plan of operation approval shall be expanded to include all of the following:

c. Summary of gas probe monitoring and the active gas extraction system operations over the past year.

Response
The Sector 1 gas probes are required to be monitored annually in April. The Sector 2 gas probes are required by the facility permit to be monitored quarterly in January, April, July, and October. Although not required, the Sector 1 gas probes were also monitored quarterly during 2016. Methane was not detected in any of the Sector 1 gas probes during the quarterly monitoring events conducted during 2016. There was one low-level methane detection (i.e. 0.1%) at S2GP1500 during the fourth quarter monitoring event in October 2016. This probe was re-checked and no methane was detected. The low-level methane reported was less than the lower explosive limit and is therefore not an exceedance in accordance with NR 507.22(1)(c). Gas probe monitoring data is provided as **Appendix B, Attachment B-2**.

A summary of the active gas extraction system operation was provided above in response to Approval Condition 11.g of the July 30, 1990 Modification to the Plan of Operation Approval.

Approval Reference
December 13, 1990
Facility Closure Documentation Approval and Plan Modification Approval, Eau Claire County Seven Mile Creek Sector 1 Landfill, License #2821

5. The annual reports, as originally required by the Department in the plan of operation approval shall be expanded to include all of the following:

d. Narrative of the general overall status of the landfill and any problems or concerns with the landfill.

Response
During 2016, there were no issues with the solid waste disposal operations. Improvements were conducted as needed in order to operate the gas extraction system efficiently and to maintain compliance with the facility air permit. Facility inspections were performed throughout 2016; repairs and maintenance were conducted as needed. Any operational issues were addressed in a timely manner.

Elevated leachate head levels were reported in the three vertical head wells located in Sector 2, Phases 1-3 of the facility during 2016. It is suspected that the elevated leachate heads are due to perched liquid in the waste mass surrounding the vertical head wells in addition to measurement difficulties. There were no elevated liquid levels measured at the other Sector 2 side-slope leachate head wells. Additional information was provided above in response to Condition 5.c. of the December 13, 1990 Approval.

Approval Reference
October 6, 1993
Construction Documentation Approval for the Active Gas Extraction System at the Closed Eau Claire County Seven Mile Creek Sector 1 Landfill.

4. The annual report shall include the following additional information regarding the operation, maintenance, and monitoring of the gas extraction system over the previous year:

a. Summary of the gas probe monitoring with all exceedances of 25% of the lower explosive limit (LEL) included in a table format.

Response
A discussion of the gas probe monitoring conducted at the facility during 2016 was provided above in response to Condition 5.f. of the December 13, 1990 Approval. There were no exceedances of the 25% LEL during 2016.

Approval Reference
October 6, 1993
Construction Documentation Approval for the Active Gas Extraction System at the Closed Eau Claire County Seven Mile Creek Sector 1 Landfill.

4. The annual report shall include the following additional information regarding the operation, maintenance, and monitoring of the gas extraction system over the previous year:

b. Summary of the gas extraction system monitoring including the completed forms included in the appendix C of the O & M manual.

Response
Gas extraction system monitoring data is provided with this report as **Appendix B, Attachment B-1**. Beginning in 2013, Advanced Disposal Services implemented a gas extraction system monitoring database. The database acts as a primary location to maintain facility data records for gas extraction system monitoring required by the solid waste permit, the facility air permit, and greenhouse gas reporting requirements. The database is also used by ADS-SMCL personnel as a tool for tracking required monitoring data and exceedances of the air operating permit requirements. The gas extraction system monitoring data provided with this report incorporates pertinent information contained in forms provided in the O & M manual.

Approval Reference
October 6, 1993
Construction Documentation Approval for the Active Gas Extraction System at the Closed Eau Claire County Seven Mile Creek Sector 1 Landfill.

4. The annual report shall include the following additional information regarding the operation, maintenance, and monitoring of the gas extraction system over the previous year:

c. Summary of the gas extraction system operation and maintenance, indicating all down time, problems, etc., and proposed solutions, and an estimate of condensate extracted from the system.

Response
A summary of the gas extraction system operation and maintenance including downtimes, problems, and solutions was included previously in response to Approval Condition 11.g of the July 30, 1990 Modification to the Plan of Operation Approval.

The gas condensate generated at the facility is disposed of in the leachate collection system by means of a gravity drain system. Gas condensate volumes generated are included in the total leachate volume produced at the facility. The facility does not have a means of monitoring the volume of gas condensate produced and therefore cannot provide an estimate of gas condensate extracted from the system.

Approval Reference
April 24, 1998
Plan of Operation Modification for Alternate Daily Cover Materials, Special Waste Plan Approval and Revisions to the Liner, Leachate Collection System, Active Gas Extraction System and Cap for Superior Seven Mile Creek Sanitary Landfill Sector 2, Eau Claire County, License No. 3097

3. A summary of the performance of the paper mill sludge, shredder fluff, foundry sand and street sweepings being used as alternative daily cover shall be included in the annual report. The following items shall be addressed as part of the report:

a. Volume and tonnage of paper mill sludge, shredder fluff, foundry sand and street sweepings delivered to the landfill and tonnages utilized for daily cover.

Response
During 2016, the facility accepted shredder fluff, foundry sand and street sweepings for use as alternate daily cover. The paper mill sludge accepted at the facility during 2016 was not used for alternate daily cover. In accordance with the WDNR approval issued December 5, 2015 (**Appendix A**), the facility may also use sediment from the clean-up of the Eau Claire Wastewater Treatment Plant as alternate daily cover. A summary of tonnages accepted at the facility and tonnages used for alternate daily cover during 2016 is provided below.

Material	2016 Tonnage Accepted	2016 Tonnage used for Daily Cover
Paper Mill Sludge	2,459	0
Shredder Fluff	59,294	59,294
Foundry Sand	910	141.59
Street Sweepings	121.73	121.73
Sediment (Eau Claire WWTP)	8,252.01	8,252.01

Condition 16 of the April 19, 2005 Conditional Plan of Operation for the Proposed Horizontal and Vertical Expansion of the Onyx Seven Mile Creek Sector 2 Landfill, requires that specific information regarding quantities of approved beneficially reused materials applied at SMCL for the previous year be reported to the Department by March 31 of the following year. This requirement was fulfilled with the 2016 Beneficial Reuse of Waste Materials at Advanced Disposal Services Seven Mile Creek Landfill, LLC, which was provided to the Department on March 27, 2017.

Approval Reference
April 24, 1998
Plan of Operation Modification for Alternate Daily Cover Materials, Special Waste Plan Approval and Revisions to the Liner, Leachate Collection System, Active Gas Extraction System and Cap for Superior Seven Mile Creek Sanitary Landfill Sector 2, Eau Claire County, License No. 3097

3. A summary of the performance of the paper mill sludge, shredder fluff, foundry sand and street sweepings being used as alternative daily cover shall be included in the annual report. The following items shall be addressed as part of the report:

b. Performance and usage of paper mill sludge, shredder fluff, foundry sand and street sweepings in differing weather conditions and seasons.

Response
Paper mill sludge was not used as alternate daily cover during 2016.

Notable variances have been observed with shredder fluff in differing weather conditions. The shredder fluff generates dust in very dry conditions. The fluff must then be watered down to control the dust. During wet times of year, the absorptive properties of the shredder fluff keeps the landfill accessible for truck traffic and reduces the need to lay down clean road rock.

Performance and usages of foundry sand and street sweepings as alternate daily cover did not vary with differing weather conditions and the performance of all materials used met the requirements for alternate daily cover.

Approval Reference
April 24, 1998
Plan of Operation Modification for Alternate Daily Cover Materials, Special Waste Plan Approval and Revisions to the Liner, Leachate Collection System, Active Gas Extraction System and Cap for Superior Seven Mile Creek Sanitary Landfill Sector 2, Eau Claire County, License No. 3097

3. A summary of the performance of the paper mill sludge, shredder fluff, foundry sand and street sweepings being used as alternative daily cover shall be included in the annual report. The following items shall be addressed as part of the report:

c. Physical properties and handling characteristics of paper mill sludge, shredder fluff, foundry sand and street sweepings used as daily cover.

Response
Paper mill sludge was not used as alternate daily cover during 2016.

Shredder fluff is typically comprised of the nonmetallic content of automobile materials and varies in size and density. Foundry sand varies in color and granular quality. It spreads easily with a wide track dozer and provides for adequate daily cover. Street sweepings typically consist of medium to coarse-grained sand with residual waste and leaves that are swept off the street. It spreads easily with a dozer and provides for adequate daily cover.

Approval Reference
April 24, 1998
Plan of Operation Modification for Alternate Daily Cover Materials, Special Waste Plan Approval and Revisions to the Liner, Leachate Collection System, Active Gas Extraction System and Cap for Superior Seven Mile Creek Sanitary Landfill Sector 2, Eau Claire County, License No. 3097

3. A summary of the performance of the paper mill sludge, shredder fluff, foundry sand and street sweepings being used as alternative daily cover shall be included in the annual report. The following items shall be addressed as part of the report:

d. Problems encountered or adaptations incorporated into procedures used with paper mill sludge, shredder fluff, foundry sand and street sweepings as daily cover.

Response
No paper mill sludge was used for alternate daily cover during 2016.

The only problems encountered with alternate daily cover involved the auto shredder fluff. The larger foam chunks have a tendency to be tracked away from the fill area and have to be manually collected on a regular basis and re-deposited in the fill areas. The shredder fluff also generates dust in very dry conditions. In order to control the dust, the facility has incorporated procedures to water down the fluff to eliminate the dust. There were no problems encountered with the foundry sands or street sweepings during 2016.

Approval Reference
April 24, 1998
Plan of Operation Modification for Alternate Daily Cover Materials, Special Waste Plan Approval and Revisions to the Liner, Leachate Collection System, Active Gas Extraction System and Cap for Superior Seven Mile Creek Sanitary Landfill Sector 2, Eau Claire County, License No. 3097

3. A summary of the performance of the paper mill sludge, shredder fluff, foundry sand and street sweepings being used as alternative daily cover shall be included in the annual report. The following items shall be addressed as part of the report:

e. Analytical data generated by quarterly and annual testing of the paper mill sludge, shredder fluff, foundry sand and street sweepings.

Response
The testing requirements for shredder fluff included in the April 24, 1998 Plan of Operation Modification were revised with the issuance of subsequent approvals. The facility is currently conducting shredder fluff analyses in accordance with the April 19, 2005 Conditional Plan of Operation for the Proposed Horizontal and Vertical Expansion. Additional information regarding laboratory analysis of shredder fluff is provided below in response to Approval Condition 34 of the April 19, 2005 Conditional Plan of Operation.

Analytical requirements for paper mill sludge, foundry sand, and street sweepings are discussed in the following sections. Paper mill sludge was not used as alternate daily cover during 2016. No analytical testing was required.

Approval Reference
April 24, 1998
Plan of Operation Modification for Alternate Daily Cover Materials, Special Waste Plan Approval and Revisions to the Liner, Leachate Collection System, Active Gas Extraction System and Cap for Superior Seven Mile Creek Sanitary Landfill Sector 2, Eau Claire County, License No. 3097

2. Superior Seven Mile Creek shall ensure that the foundry sand from Winona, Minnesota and the street sweepings from the City of Eau Claire meet the following criteria:

f. On an annual basis a grain size distribution analysis to the #200 sieve shall be performed with the results included in the annual report.

Response
An annual grain size distribution analysis was performed on the City of Eau Claire street sweepings during 2016. The report is provided as **Appendix F, Attachment F-1**.

The site did not accept foundry sand from Winona, Minnesota during 2016.

Approval Reference
April 24, 1998
Plan of Operation Modification for Alternate Daily Cover Materials, Special Waste Plan Approval and Revisions to the Liner, Leachate Collection System, Active Gas Extraction System and Cap for Superior Seven Mile Creek Sanitary Landfill Sector 2, Eau Claire County, License No. 3097

8. Superior Seven Mile Creek Landfill shall monitor the paper mill sludge for solids content quarterly and include the results in the annual report.

Response
Paper mill sludge was not used for ADC at the facility during 2016. No quarterly solids content analysis was required.

Approval Reference
April 19, 2005
Conditional Plan of Operation for the Proposed Horizontal and Vertical Expansion of the Onyx Seven Mile Creek Sector 2 Landfill, License # 3097

34. Condition 19 of the Departments May 21, 2002 Plan of Operation Approval is rescinded and replaced by the following:

Shredder fluff is approved for use as alternative daily cover. Shredder fluff shall be sampled and tested as follows below. The results of all testing shall be submitted to the Department annually except in accordance with paragraph b (below), when more frequent reporting is required. The sampling collection dates and times shall be included with the submittal. Testing shall be performed on a quarterly basis if more than 10,000 tons of fluff per year is accepted from a producer, otherwise testing shall be performed on a semi-annual basis.

a. Ten samples of each source of shredder fluff shall be collected over a five-day period. Each sample shall be obtained by removing a shovel full of fluff from the conveyor once an hour for a four-hour period in the morning and then again for another four-hour period in the afternoon. Each day's sampling shall be composited into a single sample. The resulting daily sample shall be coned and quartered until 10 gallons of fluff remain. Each 10-gallon sample shall be coned and quartered into two five-gallon samples. The samples shall be stored in sealed containers made of inert material until they are analyzed in a laboratory. The 10 resultant five-gallon samples shall then be tested as outlined in (b) through (d) below.

Three samples from each source of shredder fluff shall be randomly selected and analyzed at a lab for lead, cadmium and mercury using the Toxicity Characteristic Leaching Procedure (TCLP) testing method and for PCB's using a total elemental extraction test method referenced in 40 CFR Part 761.358. If all three samples test below the regulatory limit, then the simple arithmetic mean for the three samples shall be reported as one test result. If any of the three samples tests above the regulatory limit for any parameter, then the remaining seven samples as referenced in a. above shall be tested for the exceeded parameter and the

simple arithmetic mean for the ten samples shall be reported as one test result. A rolling average shall then be used to determine the regulatory status of the shredder fluff. The rolling average shall be based upon the five most recent test values for the above parameters. The oldest test values shall be dropped from the average as each new value is added. Shredder fluff from an individual auto shredder shall not be accepted at the landfill if their rolling average exceeds 80% of the regulatory limit for a parameter listed below.

b. Regulatory Limits

TCLP		**Solids analysis**	
Lead	**5.0 mg/l**	**PCB's**	**50 mg/kg**
Cadmium	**1.0 mg/l**		
Mercury	**0.2 mg/l**		

If an individual sampling event (arithmetic mean for ten samples) exceeds a regulatory limit for any parameter, an additional sampling event in accordance with paragraph a., above, shall immediately be performed and the samples shall be analyzed for the exceeded parameter in accordance with paragraph b., above. Results shall be submitted to the Department within 30 days of the testing.

c. On an annual basis, one sample of shredder fluff from each source shall be subject to the ASTM D 3987-85 water leach test and the leaching fluid shall be analyzed for dissolved PCB's using an analytical method with a level of detection <10 microgram per liter.

d. Beginning the year after OSMCL receives more than 10,000 tons of shredder fluff from a specific source and every five years thereafter, each source of shredder fluff accepted at the landfill that on average exceeded 10,000 tons per year acceptance rate shall be tested for an extended list of contaminants, including fire retardants, hydrocarbons, BTEXs and physical properties. A proposal for testing shall be submitted to the Department for concurrence at least 60 days prior to the testing.

Response

The facility received more than 10,000 tons of shredder fluff from a producer during 2016. In accordance with this approval, quarterly samples were collected and analyzed as required by conditions a., b., and c. above. Laboratory analyses are provided with this report in **Appendix F, Attachment F-2**.

The five-year extended analysis required by condition d. was conducted during 2013 and was therefore not required in 2016. The next five-year analysis will be performed in 2018.

Approval Reference
April 19, 2005
Conditional Plan of Operation for the Proposed Horizontal and Vertical Expansion of the Onyx Seven Mile Creek Sector 2 Landfill, License # 3097

14. The condition of the exposed geosynthetics in the areas of final cover removal shall be noted and reported to the Department annually while final cover removal is ongoing. The results of the observations shall be utilized in the selection of geosynthetics for construction of future final cover phases. The observations shall include:

a. Impacts of sediment and clogging on the flow capacity of the geocomposite drain layer.
b. Damage, penetrations, or tensile stress on the geomembrane.
c. Changes to the hydraulic conductivity of the geosynthetic clay liner and any signs of panel separation.

Response
Dr. Craig Benson of the University of Wisconsin, Department of Engineering conducted the evaluation on the geosynthetic components of the final cap on June 15, 2007. The evaluation report was provided to the WDNR in July 2008. No additional action is required for this permit condition.

Approval Reference
July 19, 2007
Approval of Organic Stability Plan, Modification to the Plan of Operation Approval, Veolia Seven Mile Creek Landfill, Eau Claire County, License No. 3097

Reporting
Annual progress reports shall be prepared in accordance with NR 514.07(9)(d), Wis. Adm. Code. Annual reports shall include an evaluation of needed plan revisions to correct problems, opportunities for increased efficiencies or changes to the contingency plan as the state of the art changes. Every five years, Veolia shall examine the approved plan's progress in achieving the goals and the need to implement the contingency plan. A report describing the evaluation and conclusions shall be submitted to the Department as part of the annual progress report. The Department may require the implementation of some or all of the methods itemized in the contingency plan if the report or the Department's independent conclusions determined that the landfill has not made adequate progress toward achieving the established goals.

Response
The annual progress report required by this permit condition is provided with this solid waste annual report in the SCS Engineers Technical Memorandum included as **Appendix G, Attachment G-1**.

Approval Reference
July 17, 2007
Research, Development and Demonstration (RD&D) Plan, Modification to the Plan of Operation Approval, Veolia Seven Mile Creek Landfill, Eau Claire County, License No. 3097

Reporting:
Annual updates related to the RD&D plan will be included in the Annual Report. A final report will be prepared at the end of the testing period. The reports will assess the attainment of goals proposed for the process, recommend changes, recommend any additional work, and summarize problems and their resolution. Reports will include a summary of all monitoring data, testing data and observations of process or effects and will include a summary of all monitoring data, testing data and observations of process or effects and will include recommendations for continuance or termination of the process.

Response
The RD&D Plan was issued on July 17, 2007 and was renewed on November 29, 2010 and December 9, 2013. The third renewal request was approved by the Department on August 25, 2016 (**Appendix A**).

There were no modifications to the reporting conditions included in the subsequent renewals. The annual updates required by this permit condition are provided with this solid waste annual report in the SCS Engineers Technical Memorandum included as **Appendix G, Attachment G-2**.

Approval Reference
July 17, 2007
Research, Development and Demonstration (RD&D) Plan, Modification to the Plan of Operation Approval, Veolia Seven Mile Creek Landfill, Eau Claire County, License No. 3097

6. Annual and final reports for the RD&D plan shall comply with the following as well as the requirements of s.NR514.10(1)(f), Wis.Adm.Code:
- ***a. Annual and final reports may be submitted with the annual report and in accordance with the approved deadline date for the annual report for VSMCL,***
- ***b. Waste samples shall be obtained from either borings for gas extraction well or dedicated borings to define shear strength parameters of decomposed waste that will be used in geotechnical stability analysis required by s.NR514.10(2)(h), Wis.Adm.Code. The geotechnical stability analysis shall be submitted as part of the final 3 year report.***

Response
The annual report required by this permit condition is provided with this solid waste annual report in the SCS Engineers Technical Memorandum included as **Appendix G, Attachment G-2**. It is anticipated that the final report will be issued after the expiration of the third consecutive RD&D renewal.

3.0 COMPOSTABLE MATERIAL FACILITY OPERATIONS

Approval Reference
February 22, 2013
Approval for a Source-Separated Compostable Material Facility, Total Volume of Less than 5,000 Cubic Yards, Advanced Disposal Services, 8001 Olson Drive - Eau Claire, WI 54703, Eau Claire County

Recordkeeping and Reporting

4. Compost pile turning frequency and temperature readings as appropriate to the composting method shall be documented and maintained to demonstrate pathogen reduction and odor control activities. If the facility plans to produce Class A compost the compost shall meet the requirements of NR 502.12(16)(a),(b),(c) and (d). Records shall be made available to the Department upon request or during site inspections during normal business hours.

Response
Compost pile turning frequency and temperature readings are documented on the Compost Facility Field Monitoring Form. An example form is provided as **Appendix H, Attachment H-1.** The records are retained on site and shall be made available to the Department upon request as required by this permit condition.

The facility took part in a pilot program coordinated by the WDNR, which began in 2012. The WDNR issued a formal approval of the source-separated compost facility with the February 22, 2013 approval.

During 2016, compost was processed by the windrow method specified in condition NR 502.12(16)(b)1. The Compost Facility Field Monitoring Form and Maintenance Documents retained on site provide record of the operation. The compost met condition (16)(a) which requires that the compost be composed entirely of source-separated compostable materials. The facility did not sell or distribute any compost processed during 2016. The only compost utilized during 2016 was for on-site use.

The facility has a permitted capacity of less than 5,000 cubic yards, as such, it is exempt from conditions NR 502.12(16)(c) and (d).

Approval Reference
February 22, 2013
Approval for a Source-Separated Compostable Material Facility, Total Volume of Less than 5,000 Cubic Yards, Advanced Disposal Services, 8001 Olson Drive - Eau Claire, WI 54703, Eau Claire County

Recordkeeping and Reporting

5. A summary of information listed in NR 502.12(15)(b)3 and 4 shall be submitted each year on the annual license renewal form supplied by the Department.

Response
The information required by NR502.12 (15) 3. and 4. is listed below.

NR502.12 (15)

3. Annual quantities and types of raw materials received and compost produced, in tons. Tonnage estimates may be based on volume records where scale weights are not available.
4. Annual quantity of compost sold, distributed or used, in tons, and quantity of class A compost sold, distributed or used.

The source separated compostable material received at the facility during 2016 totaled 756.81 tons comprised of 236.51 tons of yard materials and 520.3 tons of food processing residuals. The facility did not sell or distribute any compost processed during 2016. A total of 48.73 tons of compost was utilized during 2016 for on-site use. No material was sold or distributed as Class A Compost. The current license renewal form dated May 4, 2016 is provided as **Appendix H, Attachment H-2**. The period of the current license is October 1, 2016 through September 30, 2017.

Appendix A

WDNR Approvals and Correspondence

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
5301 Rib Mountain Drive
Wausau WI 54401

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

WISCONSIN DEPT. OF NATURAL RESOURCES

FID: 618045450

September 25, 2015

Mark Vinall
Advanced Disposal Services Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire WI 54703-9727

Subject: Oxygen Levels at Leachate Cleanouts, Recirculation Lines and Manholes

Dear Mr. Vinall:

This letter is in response to Advanced Disposal Services Seven Mile Creek Landfill's (ADSSMCL) response to the July 20, 2015 Letter of Noncompliance and July 6, 2015 inspection.

The inspection report stated that the department approved oxygen levels greater than 5% on supplemental locations (leachate cleanouts, recirculation lines and manholes) on March 15, 2005. This approval was based on permit condition I.A-B.4.b.(c) of permit 04-JAJ-177 issued January 24, 2005. The inspection report stated that oxygen levels at particular wells have not been established. The inspection also recommended that ADSSMCL submit supporting data which would support a higher oxygen level at individual wells on site.

ADSSMCL's response states that the March 15, 2005 approval did not have an expiration date and is therefore valid. The response also states that ADSSMCL is willing to work with the department to better present this past approval in the current permit.

Since our March 2005 approval, EPA has determined that, whenever a supplemental gas collection device collects landfill gas from areas where waste has been in place for 5 years or more in active areas or 2 years or more in closed areas or areas that have reached final grade that the device is subject to operational standards including the 5% oxygen or 20% nitrogen. The department may approve alternate oxygen limits, but may not approve exemptions from those limits. The March 15, 2005 approval letter did not establish alternate limits, rather only approval to not meet the oxygen limit. This approval is no longer acceptable.

In May 2007, the department issued a policy on Wisconsin Landfill Air Emissions, http://dnr.wi.gov/files/PDF/pubs/wa/WA1303.pdf. In order to formally request an alternate limit, ADSSMCL will have to go through the procedures in Appendix C of this policy.

If you have any questions on this matter, please contact me at 715-355-9474.

Sincerely,

Ashley P. Gray
Air Management Engineer
West Central Region

CC: WCR file, Wausau
Marty Herrick, La Crosse (e-copy)
Martha Makholm, AM/7 (e-copy)
Mike Ross, La Crosse (e-copy)
Randy Frank, Advanced Disposal Services Seven Mile Creek Landfill, 8001 Olson Drive, Eau Claire, WI 54703-9727 (e-copy)

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
1300 W. Clairemont Ave.
Eau Claire WI 54701

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

WISCONSIN DEPT. OF NATURAL RESOURCES

December 3, 2015

Mr. Mark Vinall
Advanced Disposal Seven Mile-Creek Landfill, LLC
8001 Olson Drive
Eau Claire, WI 54703

File Ref: FID 618045450
Eau Claire Co.
SW/APPR

SUBJECT: No Objection to Expedited Plan Modification to use sediment from the Eau Claire Wastewaster Treatment Plant remediation project as Alternate Daily Cover at the Advanced Disposal Seven Mile-Creek Landfill, LLC, Eau Claire County, Wisconsin, WDNR License No. License # 3097.

Dear Mr. Vinall :

The purpose of this letter is to provide notice that the department does not object to your request to use sediment from the clean-up of the Eau Claire Wastewater Treatment Plant as alternate daily cover for the Advanced Disposal Seven Mile Creek Landfill based on the information provided and the following:

1. On August 21, 1998, the department public noticed a meeting to provide an opportunity for public input on the potential for the Seven Mile Creek Landill to accept PCB contaminated sediments from the Fox River.

2. On September 16, 1998 a public meeting was held providing the opportunity for public input on the Seven Mile Creek Landfill accepting PCB contaminated sediments.

3. The PCB concentrations in the sediments proposed for alternate daily cover are below the applicable requirements in the Toxic Substances Control Act in 40CFR Part 761.

The department has determined that the proposal poses low risk to human health and the environment. Please include the attached approval in the written operating record for the landfill, along with your June 20, 1988, May 21, 2002 and April 19, 2005 Plan of Operation Approvals, as specified in s. NR 506.17, Wis. Adm. Code.

On November 24, 2015, the department's LaCrosse Service Center received a request from Cornerstone Environmental, dated November 20, 2015 for an expedited plan modification under s. NR 514.09(1)(a)10, Wis. Adm. Code, regarding proposed changes to materials approved for use as alternate daily cover for the landfill. The invoice for the department's review fee of $1,000 has been sent in a separate letter.

The requested use of sediment from the Eau Claire Wastewater Treatment Plant remediation project as alternate daily cover qualifies for an expedited plan modification under s. NR 514.09(1)(a)10, Wis. Adm. Code. Thus, the department has no objection to the request, subject to the landfill's compliance with chs. NR 500 to 538, Wis. Adm. Code, and the applicable department approvals for this facility.

This approval is based on the information available to the department as of the date of approval. If additional information, project changes or other circumstances indicate a possible need to modify this approval, the

department may ask you to provide further information relating to this activity. Likewise, the department accepts proposals to modify approvals, as provided for in state statutes and administrative codes.

If you have any questions regarding this letter please contact me at (608) 789-5518.

Sincerely,

JS for Martin Hefrick

Martin Hefrick, P.E.
Environmental Engineer
West Central Region

Jill Schoen

Jill Schoen, CHMM
Waste Management Supervisor
West Central Region

CC: Doug Joseph –douglas.joseph@wisconsin.gov
Tyler Field-Cornerstone Environmental, 8413 Excelsior Drive, Suite 160, Madison, WI 53717

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
5301 Rib Mountain Drive
Wausau, WI 54401

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

WISCONSIN
DEPT. OF NATURAL RESOURCES

FID: 618045450

February 26, 2016

Mark Vinall
Advanced Disposal Services Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire, WI 54703-9727

Subject: Abandonment Requests

Dear Mr. Vinall:

This letter is in response to your letter, dated February 17, 2016, requesting approval to abandon gas extraction wells S2P01OC2, S2P08OC1 and S2P08OC2 at the Advanced Disposal Services Seven Mile Creek Landfill (ADSSMCL) on sector 2.

According to your letter, gas wells S2P01OC2 and S2P08OC2 are watered out due to settlement in the waste mass and can no longer function properly as gas extraction points. Your letter states that there is no effective way to extract the liquid. There have been no surface scan exceedances in the areas surrounding these wells. In addition, the vertical gas extraction wells in the vicinity will remain and continue to serve as gas collection points for these areas of the site.

Gas well S2P08OC1 has a potential well integrity issue near the surface which prevents the well from operating effectively. Increases in applied vacuum have resulted in decreased gas quality. ADSSMCL suspects a cracked well pipe. There have been no surface scan exceedances in the areas surrounding these wells. In addition, the vertical gas extraction wells in the vicinity will remain and continue to serve as gas collection points for this area of the site.

Based on the information provided, the air program concurs with your request to abandon gas extraction wells S2P01OC2, S2P08OC1 and S2P08OC2 at the Advanced Disposal Services Seven Mile Creek Landfill (ADSSMCL) on sector 2. ADSSMCL shall provide a record to the department of the dates and method(s) of abandonment for these wells within 30 days of abandonment.

If you have any questions on this letter or air quality, please contact Ashley Gray at 715-355-9474. If you have any questions on solid waste, please contact Marty Herrick at 608-789-5518.

Sincerely,

Ashley P. Gray
Air Management Engineer
West Central Region

CC: WCR file, Wausau
Marty Herrick, La Crosse (e-copy)
Bureau of Air Management, AM/7
Randy Frank, ADSSMCL (e-copy)
Tracy Ipavec, ESC (e-copy)

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
1300 W. Clairemont Ave.
Eau Claire WI 54701

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

March 18, 2016

Mark Vinall, General Manager
Advanced Disposal Services Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire, WI 54703

FID # 618045450
Eau Claire County
SW/Approvals

Subject: Conditional Plan of Operation for the Proposed Vertical Expansion of the Advanced Disposal Services Seven Mile Creek Sector 2 Landfill, License # 3097

Dear Mr. Vinall:

We have completed our review of your plan of operation for the proposed Advanced Disposal Services Seven Mile Creek Landfill Vertical Expansion and determined that it is consistent with Wisconsin's solid waste regulations. Therefore, the plan of operation is approved and you can begin construction of the landfill, subject to compliance with chs. NR 500-590, Wis. Adm. Code, the conditions in the attached approval, the April 19, 2005, May 21, 2002 and June 20, 1988 Plan of Operation Approvals and their subsequent plan modifications. This approval should be maintained with the respective Plan of Operation Approvals. Please note that this approval does not replace the existing approvals for this facility and it does not replace the requirements of approved features of the existing landfill, with the exception of the final grades and cap requirements associated with the vertical expansion.

Conditions for construction, operation, groundwater monitoring and reporting have been included in the approval. Details are included in the attached conditions.

Note that we are not able to grant your requests for alternate geotechnical investigation requests for the potential clay borrow sites in the Eau Claire area or the green system sands because NR 504.075(5), Wis. Adm. Code requires existing information for the proposed soil borrow source.

You are reminded this approval does not relieve you of obligations to meet all other applicable federal, state and local permits, as well as zoning and regulatory requirements. In the near future, all active landfills will be required to obtain coverage under the General Tier 2 Industrial Storm Water Permit. More information will be forthcoming.

If you have questions regarding this approval, please contact Brian Kalvelage, Hydrogeologist at (608) 785-9983, Marty Herrick, Environmental Engineer at (608) 789-5518,

Sincerely,

Jill Schoen

Jill Schoen, CHMM
Waste Program Manager
West Central Region

CC: Donna Austad, City Clerk - City of Eau Claire, 203 S Farwell St, Eau Claire WI 54701
Janet Loomis, County Clerk - Eau Claire County, 721 Oxford Ave, Eau Claire WI 54703
Sue Larson, Clerk - Town of Seymour, 6500 Tower Dr, Eau Claire WI 54703
Brian Hayes- W F SB, 5005 University Ave, Suite 201, Madison WI 53705-5400
Sarah Shiel- WDNR, Eau Claire
Marty Herrick, WNDR, La Crosse
Brian Kalvelage, WNDR, La Crosse
Brad Wolbert, WDNR, Madison (via email)
Bob Grefe, WDNR, Madison (via email)

PROJECT SUMMARY
ADVANCED DISPOSAL SERVICES SEVEN MILE CREEK LANDFILL
SECTOR 2 VERTICAL EXPANSION

GENERAL INFORMATION

AUTHORIZED CONTACT: Mark Vinall, General Manager
Advanced Disposal Services Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire, WI 54703
Phone Number (715) 830-0284

LICENSEE AND PROPERTY OWNER: Advanced Disposal Services Seven Mile Creek Landfill (ADSSMCL), LLC

SITE LOCATION: ADSSMCL is proposing to construct a vertical expansion at their existing Sector 2 Sanitary Landfill. The proposed facility would be located in the SE $^{1/4}$ of Section 8 and the SW $^{1/4}$ of Section 9, T27N, R8W, City of Eau Claire, Eau Claire County, Wisconsin.

PROPOSED CAPACITY AND SITE LIFE: The existing Sector 2 facility has a design capacity of 9,055,889 cubic yards and the vertical expansion will add 1,506,500 cubic yards for a total capacity of 10,562,389 cubic yards. Based on current filling rates, the vertical expansion will add approximately four years of site life with an expected closing date of 2021.

The proposed site is a vertical expansion with 25.1 acres of vertical overlay of the currently approved Sector 2 footprint including portions which have yet to be constructed. The existing Sector 2 Landfill occupies 79.5 acres of the 330.31acres owned by ADSSMCL.

WASTE TYPES AND GENERATORS SERVED: The facility will continue to accept non-hazardous municipal and industrial waste, as well as approved special wastes. Typical wastes include municipal solid waste (MSW), shredder fluff, paper mill sludge, foundry sand and light industrial demolition waste. Shredder fluff, paper mill sludge and foundry sand are currently approved for use as alternate daily cover. The approved special waste acceptance plan allows beneficial use of additional materials at the ADSSMCL. Waste composition and leaching behavior in the expansion are not expected to be different from those in the current landfill. The chemical characteristics of the leachate generated from this expansion are expected to be similar to the operating Sector 2 Landfill.

The approximate service area for the ADSSMCL includes the counties of Buffalo, Chippewa, Dunn, Eau Claire, Jackson, Pepin, Pierce, Polk, St. Croix, and Trempealeau. It also accepts material from other portions of western Wisconsin and eastern Minnesota including the Twin Cities metro area.

PRESENT LAND USE AND ZONING: Land uses adjacent to the ADSSMCL include rural residential, agricultural, salvage yards and Eau Claire County Forest land. As noted above ADSSMCL is currently using a portion of the 330.31-acre parcel for solid waste disposal and its associated facilities. The majority of the ADSSMCL property is located within the City limits of Eau Claire and the remaining

portion within the Town of Seymour. The landfill property is zoned public properties within the Eau Claire City Limits and non-sewered industrial within the Town of Seymour.

The property contains one closed landfill, identified as the Sector 1 Landfill, located approximately 200 feet to the southwest of the Sector 2 Landfill. The Sector 2 Landfill is located upgradient of the closed Sector 1 Landfill.

ADSSMCL has multiple department approved borrow sites for the facility including: the Eau Claire County property known as the North Borrow area located adjacent to HWY 93, clay borrow from the Monroe County Landfill in Ridgeville, WI, two locations on the Nesja property located on CTH DD in Chippewa County and the Kenowski property located in the York Township in Clark County.

SITE CHARACTERISTICS: The site geology and hydrogeology has been previously described in the feasibility report for the existing Sector 2 Landfill. Generally, the geology in the vicinity of the landfill consists of alluvial sand and gravel deposits overlying the Cambrian age sandstone bedrock. The alluvial material is 15 to 60 feet thick with occasional silt layers in the Sector 2 area. Below the alluvium, the sandstone bedrock is part of the Eau Claire and Mount Simon Formations. The glacial soils and sandstone are underlain by Precambrian crystalline rock.

Surficial soils are sands and loamy sands with high permeabilities.

The water table is in alluvial soils and sandstone is approximately 35 feet below the ground surface along the eastern side of the Sector 2 Landfill and about 45 feet below the ground surface on the western side. The direction of groundwater flow beneath the site is towards the south-southwest. The horizontal gradient varies from .006 ft/ft near Seven Mile Creek on the facilities western side to .025 ft/ft on the eastern side. Hydraulic conductivity in the sandstone averages $5.5X10^{-5}$ cm/s. Hydraulic conductivity in the unconsolidated sands average $3.3\ X10^{-3}$ cm/s. Vertical gradients are generally downward around the site with upward gradients along Seven Mile Creek.

FACILITY DESIGN: The vertical expansion will raise the final waste grades in phases 1 through 5 and 11 through 13 with approximately 54.4 acres of the existing cap design grades remaining on the Sector 2 Landfill. No changes to future liner design have been proposed. .

The landfill is constructed with a composite liner system. The clay component of the liner in phases 1 through 4 is 5 feet thick and in phases 5 through 7 it is 4 feet thick. Above the clay, the liner includes a 60-mil High-Density Polyethylene (HDPE) geomembrane. The leachate collection layer above the geomembrane is a 12 to 18 inch granular layer with a minimum hydraulic conductivity of 1cm/s. Eighteen inches of granular material was placed above the v-shaped collection trenches.

Leachate is collected via sidewall penetrations in phases 1 through 4 and by sideslope risers and lift stations for phases 5 through 12 as well as the future phase 13. The collected leachate is routed to a 100,000-gallon aboveground leachate collection tank. Leachate is pumped from the collection tank and recirculated in the waste mass by trench, vertical wells and surface applications. When leachate is not recirculated it is sent to the City of Eau Claire, WI wastewater treatment plant for treatment and discharge. The Cascade Tissue wastewater treatment plant is also available to treat leachate. Leachate headwells are used to monitor the head elevations in the waste mass.

The Sector 2 Landfill has an active gas extraction system, which incorporates a series of vertical extraction wells, laterals, a header system, blower and flare. Gas is currently being collected from the extraction wells, the leachate recirculation piping and the leachate collection header manholes. Gas collected from the Sector 1 and 2 landfills is combined and routed to four Internal Combustion (IC) engines. Three engines are rated at 10.2 MMBTU/HR and one is rate at 9.81 MMBTU/HR with a combined maximum output of 4MW of power. Excess landfill gas or when the engines are not operating is burned with an open flare rated at 75.0 MMBTU/HR and 2500 CFM. Gas probes are located beyond the landfill footprint to check for gas migration.

On January 24, 2005 the department's Air Management Program issued Air Pollution Control Construction Permit Number 04-JAJ-177. The permit regulated the flare and IC engines along with requiring stack testing, gas control system maintenance, recordkeeping and preventing fugitive dust. ADSSMCL has installed capture and control equipment for Non Methane Organic Compounds (NMOC) emitted at the landfill. ADSSMCL has exceeded the 50Mg/YR NMOC limit and is subject to the New Source Performance Standards. Consequently the department's Air Management Program issued Air Pollution Control Permit No. 618045450-P10 on December 5, 2014, requiring the respective standards.

Final cover for the landfill includes from the top of the waste up a 6 inch soil grading layer, a 2 foot soil barrier layer, a geosynthetic clay layer, a 40 mil LLDPE geomembrane, a geocomposite drainage layer, 2.5 feet of protective cover soil and 6 inches of topsoil. The upper foot of the soil barrier layer is required to be fine-grained soil with at least 40% of the material passing the P200 sieve. The topsoil will be seeded, mulched and measures will be implemented to prevent erosion.

The vertical expansion will not remove any final cap. The remaining landfill capping, including the vertical expansion, will be performed in the capping construction events 5 through 8. Capping in events 5 through 7 will be around the perimeter of the vertical expansion and will reduce contact water but will increase the surface water management. The majority of the vertical expansion will be capped in the final construction event, which is phase 8. The estimated maximum open area for the Sector 2 Landfill is approximately 63.6 acres and was anticipated to occur in 2015. As more of the site is capped and the volume of non-contact surface water increases the northeast and west sedimentation basins will be upgraded accordingly. ADSSMCL other surface water management features include waterways, diversion berms, culverts and infiltration basins.

The final use for the landfill is green space.

ENVIRONMENTAL MONITORING: Environmental and performance monitoring will extend through the period of active site operation and perpetual long-term care. Monitoring data will be reported to the department electronically in a format supplied by the department, as specified in s. NR 507.26(3), Wis. Adm. Code. Environmental monitoring shall be conducted in accordance with the attached Environmental Monitoring Summary.

CLOSURE AND LONG TERM CARE COSTS: The vertical expansion of the Sector 2 Landfill will be performed by additional filling in liner phases 1 through 5 and 11 through 13. To date liner phase 13, which is currently the last approved section, has not been constructed. To date portions of phases 1 through 7 sideslopes have been final capped. A substantial amount of the site has intermediate cover as well as a temporary geomembrane cover.

All landfill phases are required to complete closure in accordance with NR 506.08, Wis. Adm. Code. Closure costs are based on a worst case closure scenario where the highest cost would be incurred if the landfill had to prematurely close. As noted above, the maximum open area currently exists at 63.6 acres, which is the basis for the worst case closure estimate. The premature closure cost estimate includes installing the final cover system, seeding and vegetating the final cover system, completing construction of the gas extraction system, and preparing a closure documentation report. The final cover system is composed of a 6 inch grading layer, 2 feet of barrier soils, the geocomposite clay layer, the 40 mil LLDPE geomembrane layer, the geocomposite drainage layer, 2.5 feet of cover soils, 6 inches of topsoil, vegetative cover and the surface water management features.

ADSSMCL initially proposes to use a performance bond or other approved financial assurance instrument as the financial mechanism to cover the closure costs.

CLOSURE COSTS:

Item	Quantity	Unit Cost	Estimated Cost
Composite Cover (61.7 Acre)			
Lower 1ft Barrier Soil	99,543 CY	$2.00 CY	$ 199,085.33
Upper 1 ft Barrier Soil	99,543 CY	$12.00 CY	$ 1,194,512.00
Geocomposite Clay Liner	2,687,652 SF	$ .41 SF	$ 1,101,937.32
Geocomposite Drainage System	2,687,652 SF	$ .45 SF	$ 1,209,443.40
Geomembrane (40mil LLDPE)	2,687,652 SF	$ .39 SF	$ 1,048,184.28
Rooting Zone Layer (30 in)	248,857 CY	$ 4.5 CY	$ 1,119,855.00
Topsoil (6 in)	49,771 CY	$ 6.00 CY	$ 298,628.00
Seed, Fertilizer, Lime, Mulch	62 Acre	$ 1,500.00/ Acre	$ 93,000.00
Construction Documentation & Administration	62 Acre	$ 16,000.00/ Acre	$ 992,000.00
Total Composite Cover Cost			$ 7,256,645.33
Gas Extraction System			
Gas Extraction Wells (16)	883	$ 95.00 VF	$ 83,885.00
Gas Extraction Well Head	16	$ 625.00/ unit	$ 10,000.00
6" Gas Lateral	1379	$ 35.00 LF	$ 48,265.00
8" Gas Lateral	1507	$ 40.00 LF	$ 60,280.00
12" Gas Header & GCL	1293	$ 50.00 LF	$ 64,650.00
18" Gas Header	1202	$ 60.00 LF	$72,120.00
24" Gas Header	1573	$ 75.00 LF	$117,975.00
Construction Documentation &	1	$ 2000	$ 2,000.00

Administration			
Total Landfill Gas Extraction System			$ 459,175.00
Contingency (10%)	1	10 %	$ 771,582.03
Total Worst Case Closure Cost			**$ 8,487,402.37**
Cost/Acre			$ 137,559.20

LONG TERM CARE COSTS: ADSSMCL is perpetually responsible for the long term care of the landfill with proof of owner financial responsibility being required the 40 years long term care period. Actions to be taken during closure and the 40 year owner financial responsibility period, along with the associated cost estimates, are summarized below. ADSSMCL initially proposes to use a performance bond or other approved financial assurance instrument for demonstrating compliance with the long term care requirements in NR 520.06(6), Wis. Adm. Code.

The long term care costs are itemized below and reflect the estimated yearly expenses for:

Item	Quantity	Unit Cost	Estimated Cost/Year
Site Inspections			
Facility Inspections	1	$ 3,500	$ 3,500.00
Land Surface Repair			
Erosion Repair & Seeding (4%)	3.18	$ 3500/Acre	$ 11,130.00
Mowing	79.5	$35/Acre	$ 2,782.50
Maintenance			
General Site Maintenance/Repairs/ Sediment Basin Cleaning	1	$10,000.00	$10,000.00
Leachate Management System			
Leachate and Condensate Haul and Treatment (1" over 79.5 Acres)	2,158,743	$ .04/gal	$86,349.72
Leachate System Operation Maintenance & Line Cleaning	1	$8,000.00	$8,000.00
Leachate Tank Replacement ($80000 over 40 yrs.)	1	$2,000.00	$2,000.00
Lift Station Pump Replacement ($6000 over 5 yrs.)	1	$1,200.00	$12,00.00
Landfill Gas Management System			
Gas System Operation and Maintenance	1	$6,000.00	$6,000.00
Gas Well Replacement (One Well/5 yrs.)	1	$1,500.00	$1,200.00
Blower Replacement (One over 40 yrs.)	1	$1,200.00	$1,200.00
Environmental Monitoring			
Gas System Blower and Well Monitoring	720	$21.42	$15,422.40
Leachate, Ground Water Monitoring and Gas Probes	1	$26,700.00	$26,700.00

Reports			
Annual Report	1	$5,500.00	$5,500.00
Subtotal			$180,984.62
Contingency (10%)	1	10%	$18,098.50
Yearly Total			$199,083.12
40 Year Total			$7,963,324.8

BEFORE THE
STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES

CONDITIONAL PLAN OF OPERATION APPROVAL
FOR
ADVANCED DISPOSAL SERVICES SEVEN MILE CREEK
SECTOR 2 VERTICAL EXPANSION,
SANITARY LANDFILL
CITY OF EAU CLAIRE,
EAU CLAIRE COUNTY, WISCONSIN
LICENSE #03097

FINDINGS OF FACT

The Department finds that:

1. ADSSMCL has proposed to construct a vertical expansion of their Sector 2 Municipal Solid Waste (MSW) landfill. The facility would be located in the southeast 1/4 of Section 8 and the southwest 1/4 of Section 9, T27N, R8W, City of Eau Claire, Eau Claire County, Wisconsin.

2. The sequence of ownership for the ADSSMCL is shown in the following table:

Landfill Owner	Dates
Eau Claire County	Initial Construction to 9/30/1996
Superior Services Inc.	10/1/1996 to 6/1/199
Onyx Environmental	6/02/1999 to 12/16/2002
Veolia Environmental Services	12/17/2002 to 12/04/2012
Advanced Disposal Services	12/05/2012 to Present

3. The proposed vertical expansion of the Sector 2 facility is intended to serve the needs of western Wisconsin and eastern Minnesota. Materials disposed at this site will consist of municipal solid waste from residential and commercial sources and non-hazardous industrial waste. With the proposed vertical expansion of the Sector 2 Landfill, the facility would have a total design capacity of 10,562,389 cubic yards with an estimated additional four years of operational life.

4. The department issued a conditional plan of operation approval for the initial ADSSMCL Sector 2 Landfill on June 20, 1988, with subsequent conditional plan of operation approvals issued on May 21, 2002, and April 19, 2005.

5. On May 28, 2004, the department issued a feasibility determination for the ADSSMCL Sector 2 landfill.

6. On September 15, 2011, the department modified the May 28, 2004, feasibility determination to allow filling or a "saddle area" and retracting of the northern waste limits.

7. On December 23, 2013, the department's LaCrosse Service Center received a request from Cornerstone Environmental, on behalf of ADSSMCL, to perform an initial site inspection for their proposed vertical expansion of the Sector 2 site.

8. The department performed an initial site inspection and issued a preliminary opinion letter for the proposed ADSSMCL vertical expansion of the Sector 2 site on January 13, 2014, and January 21, 2014, respectively.

9. The department received the initial site report for the ADSSMCL proposed vertical expansion of the Sector 2 site on March 28, 2014, and subsequently issued the Initial Site Report Opinion Letter on June 5, 2014.

10. The department received the feasibility report for the ADSSMCL proposed vertical expansion of the Sector 2 site on November 4, 2014.

11. The Sector 2 landfill is located within 1,200 feet of 26 water supply wells (PW-1, PW-2, PW-3, PW-4, PW-7, PW-8, PW-9, PW-10, PW-11, PW-12, PW-14, PW-15, PW-17, PW-18, PW-19, PW-20, PW-21, PW-22, PW-23, PW-25, PW-26, PW-27, PW-28, PW-30, PW-31 and PW-32). Exemptions from s. NR 504.04 (3) (f), Wis. Adm. Code were granted for all of these wells except PW-2 and PW-26 in the Department's September 30, 2015, feasibility determination.

12. An exemption from s. NR 504.04 (3) (f), Wis. Adm. Code was granted for PW-2 and PW-26 in the department's May 28, 2004 feasibility determination and remains in effect.

13. Based on a December 22, 1986 department memo from Roger Gerhardt and a September 9, 2014 department e-mail from Randell Clark, well variances for PW-3, PW-22, PW-23, PW-25 and PW-26 were granted as part of the December 22, 1986 memo for the department's November 5, 1987 Sector 2 feasibility determination.

14. On September 9, 2015, the department received a request for variances to NR 812, Wis. Adm. Code. On 1/06/2016 and 1/07/2016 variances were issued by the department's Private Water Supply Section for PW-1, PW-2, PW-4, PW-7, PW-9, PW-10, PW-11, PW-12, PW-15, PW-18, PW-19, PW-20, PW-21 and PW-27.

15. The department granted a variance for PW-8 on October 25, 1991; PW-14 in June, 1997; PW-17 in March, 2003; PW-28 in October, 2000; PW-30 in June, 2011; PW-31 on March 5, 2008; and PW-32 in June, 2005.

16. On September 14, 2015, Martin Herrick of the department inspected the Sector 1 and 2 facilities at the ADSSMCL with no compliance issues observed.

17. On September 30, 2015, the department made a favorable feasibility determination for the proposed vertical expansion of the ADSSMCL Sector 2 site.

18. On October 15, 2015, SCS Engineers on behalf of ADSSMCL requested a determination of Construction Permit Applicability for the proposed vertical expansion of their Sector 2 site.

19. On October 23, 2015, the department's La Crosse Service Center received the Plan of Operation submittal. The submittal included 2 narrative volumes, 25 plan sheets and was prepared by Cornerstone Environmental on behalf of ADSSMCL.

20. On November 6, 2015, the department's Air Management Program issued a letter concurring with SCS Engineers October 15, 2015 exemption request under s, NR 406.04, Wis. Adm. Code for the Department's Air Management Construction Permit.

21. On November 20, 2015, Cornerstone Environmental on behalf of ADSSMCL provided a response to condition No. 10 of the Department's September 30, 2015, Feasibility Determination, documenting the Federal Aviation Administration's determination of no hazard to air navigation.

22. On December 30, 2015, the department received three additional e-mails from Cornerstone Engineering. These submittals included specific details regarding changes and clarifications to the proposed environmental monitoring.

23. On January 13, 2016, the department requested additional information from Mark Vinall of ADSSMCL regarding the use of foundry sands and other potential borrow sources proposed for the Sector 2 vertical expansion.

24. On January 22, 2016, the department issued invoice no. 4339-10853 for $7700, for the review of the Plan of Operation.

25. On February 8, 2016, the department requested additional information from Mark Vinall of ADSSMCL regarding the air permitting requirements and associated benchmarks.

26. On February 15, 2016, Conerstone Environmental on behalf of ADSSMCL provided responses to the department's January 13, 2016 request for information.

27. The information submitted in connection with the plan of operation review includes the following:

    a. A report entitled "Plan of Operation Seven Mile Creek Landfill Sector 2 Vertical Expansion" The report, which was prepared by Cornerstone Environmental, includes 25 plan sheets and was dated October 2015.

    b. A November 20, 2015, letter from Cornerstone Environmental providing a response for condition no. 10 of the September 30, 2015 Feasibility Determination. The response provides the Federal Aviation Administration's Determination of No Hazard to Air Navigation.

    c. A February 15, 2016, narrative from Cornerstone Environmental providing responses to the January 13, 2016, E-Mail from Martin Herrick of the department to Mark Vinall of ADSSMCL.

    d. A March 4, 2016, E-mail from Cornerstone Environmental providing responses to the February 9, 2016, E-mail from Martin Herrick of the department to Mark Vinall of ADSSMCL

28. Additional Documents considered in the review of the Plan of Operation include the following:

    a. ADSSMCL Annual Reports;

    b. September 30, 2015, Feasibility Determination for the Proposed Vertical Expansion of the Advanced Disposal Services Seven Mile Creek Sector 2 Landfill;

    c. Feasibility Report Addendums No. 1 and 2 dated March 12, 2015, and May 2015, respectively;

    d. The department's December 12, 2014, Air Management Air pollution Control Operation Permit 618045450-P10; and,

    e. Department inspection reports.

29. Additional facts relevant to the review of the plan of operation include:

    a. "PCB bulk product waste", as defined in s. 761.3, TSCA, includes shredder fluff with PCB concentrations ≥ 50 ppm in solid form. PCB bulk product waste is derived from manufactured products containing PCBs in a non-liquid state, and several such wastes have been shown or can be demonstrated to show limited leaching behavior for PCBs.

    b. Shredder fluff, regardless of PCB concentration, is a solid waste under Wisconsin statutes.

    c. Shredder fluff from processing automobiles with average PCB concentrations of <50 ppm have been used, with department approval, for reuse as daily cover at several landfills in Wisconsin.

    d. Section 761.62(b)(1), TSCA allows certain PCB bulk product waste to be disposed of in a licensed censed nonhazardous solid waste landfill, with department approval. This includes shredder fluff from the processing of automobiles and household appliances from which PCB-containing capacitors have been removed.

    e. TSCA does not prohibit leachate recirculation with auto shredder residue under 40CFR 761.62(b)(1)(i) or for wastes that meet the PCB leachability standard of 10 ug/l under 40 CFR 761.62(b)(1)(ii). Other PCB wastes not defined under these sections have to be segregated from organic liquids.

    f. Disposal of shredder fluff that meets the definition of PCB bulk product waste in an approved solid waste landfill that meets modern standards for design and operation should not result in unacceptable concentrations of PCBs in leachate.

    g. Reuse of shredder fluff, including compliance with restrictions against placement of shredder fluff on exterior slopes or in areas where runoff from the shredder fluff would

leave the waste mass, should not result in PCBs leaving the landfill.

h. Daily cover is necessary at municipal solid waste landfills to limit windblown debris, odors, and vectors.

i. Selected solid waste materials can be approved by the department as an alternative daily cover under the provisions of secs. NR 506.055(1) and (3), Wis. Adm. Code.

j. The proposed design would be on land that is somewhat circumscribed for effective groundwater investigation and remediation in the event such was needed, by public streets, established residents and businesses, protected resources such as surface waters, and surface water control structures.

k. The proposed design would be a solid waste landfill that is proposed to accept putrescible waste, practice leachate recirculation, promote waste decomposition and landfill gas production through leachate recirculation, and extract landfill gas at rates that minimize the potential for uncontrolled landfill gas emissions and odors.

l. The current and proposed landfill operation includes recirculation of almost all leachate generated by the landfill, and the landfill operator has expressed interest in use of additional liquids.

m. The landfill has close proximity to local residents, who have expressed concern about detectable landfill gas and odors in the past and who may be exposed to increased odor potential due to excavation of installed final cover.

n. There is some uncertainty regarding the longevity and survivability of leachate collection pipe materials in solid waste landfills with large depths of fill that impose large overburden stresses on the pipes.

o. The proposed alignment of the leachate collection lines minimizes friction and other impediments to complete insertion of cleanout hoses and video inspection hardware.

p. The potential effects of a landfill on groundwater quality are minimized by use of efficient leachate collection designs, where highly permeable drain layers reduce the head of leachate on the liner and, in consequence, significantly reduce leakage rates though any potential defects in geomembrane components of liners.

q. The potential for adverse effects of a landfill on groundwater quality are minimized by reducing leakage through the geomembrane component of a liner to the maximum extent possible. Current technology allows this by detection of leaks at defects in geomembranes. Defects are possible in geomembranes due to placement and construction of clay liner, geomembrane, and gravel drain layers.

30. Neither the applicant, nor any person owning a 10% or greater legal or equitable interest in the applicant or in the assets of the applicant:

a. Is in noncompliance with a plan approval or order issued by the department

for a solid or hazardous waste facility in Wisconsin,

b. Owns or previously owned a 10% or greater legal or equitable interest in a person, or in the assets of a person, who is not in compliance with a plan approval or order issued by the department for a solid or hazardous waste facility in Wisconsin.(E-mail sent asking status)

31. The department has complied with the requirements of NR 150, Wis. Adm. Code, and s. 1.11, Stats., and has adopted all practical means to avoid or minimize environmental harm consistent with social, economic and other essential considerations.

32. The conditions set forth below are needed to assure that construction, operation, closure, and monitoring of the ADSSMCL are conducted in conformance with NR 500 to 590, Wis. Adm. Code, and modern landfill practice.

CONCLUSIONS OF LAW

1. The department has authority under s. 289.30, Stats. to approve a plan of operation with special conditions if the conditions are needed to ensure compliance with chs. NR 500 to 590, Wis. Adm. Code.

2. The department has authority under NR 507.18(1) Wis. Adm. Code, to approve and allow certain baseline monitoring results and corresponding PAL/ACL calculations to be submitted in a separate report. This data is normally required in the Plan of Operation Report.

3. The department has authority under NR 500.08(4), Wis. Adm. Code, to approve exemptions to the requirements of chs NR 500 to 590, Wis. Adm. Code in special cases except as otherwise provided.

4. The department has the authority under s. NR 140.28, Wis. Adm. Code and ss. 160.19 (8) and (9), Stats., to grant exemptions to groundwater standards and to specify terms and conditions under which the department may seek remedial action relating to standards for which an exemption has been granted. This may include establishing alternative concentration limits.

5. The department has the authority under s. 160.15(3), Stats., and s. NR 140.20, Wis. Adm. Code, to establish preventive action limits for indicator parameters.

6. The conditions of approval set forth below are needed to ensure compliance with chs. NR 500 to 590, Wis. Adm. Code.

7. In accordance with foregoing, the department has the authority under ch. 289, Stats., to issue the following conditional approval.

CONDITIONAL PLAN OF OPERATION APPROVAL

The department hereby approves the Plan of Operation for the vertical expansion of the Advanced Disposal Services Seven Mile Creek Sector 2 Landfill subject to compliance with chs. NR 500 to 590 Wis. Adm. Code, and the following conditions:

General

1. The total design capacity of the entire Sector 2 Landfill shall not exceed 10,562,389 cubic yards.

2. All aspects of construction, operation, monitoring and closure of the landfill shall be performed in accordance with the June 20, 1988, May 21, 2002, and April 19, 2005, Plan of Operation Approvals and subsequent plan modifications where not superseded by subsequent approvals, the Plan of Operation for the vertical expansion, the requirements of chs. NR 500 to 590, Wis. Adm. Code, and the conditions of this approval. In the case of any discrepancies between the approval conditions and the respective Plan of Operations and their associated plan sheets, the approval conditions shall take precedence.

3. Any proposed changes to the plan or this approval shall be presented to the department. If the changes are compatible with the desired performance of this landfill, as determined by the department, a plan modification will be approved accepting those changes. Written department approval is necessary prior to implementing any changes with the exception of minor field modifications that are documented in accordance with NR 516.04(3)(d), Wis. Adm. Code. All field modifications shall be discussed with the department prior to implementation. Other changes may be handled as expedited plan modifications under s. NR 514.09, Wis. Adm. Code as appropriate.

Design, Construction, and Operations

4. ADSSMCL shall notify the department's environmental engineer assigned to this site a minimum of one week prior to beginning each of the construction events listed below, for the purpose of allowing the department to inspect the work. A construction documentation report shall be submitted in accordance with the requirements in NR 516, Wis. Adm. Code for the liner and final cover construction in the respective cells as noted below. Fees shall be paid to the department in accordance with s. NR 520.04(5), Wis. Adm. Code for each of the inspections and associated construction documentation reports as noted below.

Construction Events	**(Liner)** - Phase 13	**(Capping)** -Phase 4-8 final cover events
Inspections	(1.) Subase & Clay Soil Placement (2.) Geomembrane Installation (3.) Leachate Collection System Components (4.) Drainage Blanket	(1.) Grading Layer & Barrier Soil Placement (2.) GCL, Geomembrane Installation (3.) Geocomposite Drainage Layer Installation (4.) Rooting Zone & Topsoil Placement

5. If the proposed capping soils and geosynthetics differ from what was previously used on the ADSSMCL Sector 2 site, the preconstruction reports for the respective final cover construction phases shall include an analysis which demonstrates whether the maximum head in the drain layer will be confined within the thickness of the drain. The analysis shall be based on the soils and geosynthetics selected for the construction of the respective final cover event. Drain calculations shall include infiltration rates based on saturated characteristics of the topsoil and rooting zone and a hydraulic gradient of 1 through the topsoil and rooting zone.

6. ADSSMCL shall provide relevant site characterization data with any request for an alternate geotechnical investigation in accordance with in NR 504.075(5), Wis. Adm. Code.

7. If partial clay liner is constructed prior to freeze up, the completed and tested part of the clay liner shall be covered by a minimum one foot of compacted protective clay (no testing required). The following spring, at least the upper six inches of the protective clay layer shall be removed and the upper foot of the completed clay liner shall be re-tested for density and moisture at the same locations previously tested. If the tests meet compaction specifications the upper three inches of the completed clay liner and the remaining protective clay layer shall be scarified and re-compacted. If the tests do not meet compaction specification then the entire lift of protective clay and at least the upper four inches of the clay liner shall be removed and the second foot of the clay liner shall be re-tested for density and moisture at the same locations previously tested. If the tests meet compaction specifications the remaining eight inches of the upper foot of the clay liner shall be scarified and re-compacted. If the tests do not meet compaction specifications then the procedure shall be repeated for the remaining depth of clay liner until compaction specifications are met.

8. Proof of financial responsibility for closure and long-term care shall be provided before waste filling commences within the first constructed expansion phase, in accordance with ch. NR 520, Wis. Adm. Code. Proof of financial responsibility shall be established using department approved costs.

Environmental Monitoring

9. ADSSMCL (Sector 2) shall conduct environmental monitoring, reporting and responses in accordance with the requirements of chs. NR 507 and NR 508, Wis. Adm. Code and the attached Environmental Monitoring Summary: Tables 2A-2E.

10. The previously established monitoring well and parameter-specific preventative action limits (PALs) and alternative concentration limits (ACLs) that are shown below in Tables 1A-B will remain in effect. Unless otherwise approved, the Preventive Action Limits (PALs) and Enforcement Standards (ESs) shall be as specified in ch. NR 140, Wis. Adm. Code.

11. For any new or replacement monitoring wells, ADSSMCL shall collect a minimum of eight baseline water samples at least 30 days apart, but no more than 90 days apart, within the first two years following installation.

12. Water supply well samples shall be collected and analyzed in accordance with s. NR 507.20, Wis. Adm. Code and the department's guidance titled "Monitoring Water Supply Wells For VOCs Around Solid Waste Disposal Facilities NR 507.19 and NR 507.20., Wis. Adm. Code, Pub. WA 1009-2006", including the guidance document's recommended maximum limits of detection.

13. ADSSMCL shall monitor the Sector 2 Landfill's leachate semi-annually for PCB's in accordance with the test methods in 40 CFR761.358.

This approval is based on the information available to the department as of the date of approval. If additional information, project changes or other circumstances indicate a possible need to modify this approval, the department may ask you to provide further information relating to this activity. Likewise, the department accepts proposals to modify approvals, as provided for in state statutes and administrative codes.

NOTICE OF APPEAL RIGHTS

If you believe that you have a right to challenge this decision made by the department, you should know that Wisconsin statutes and administrative codes establish time periods and requirements for reviewing department decisions.

To seek judicial review of the department's decision, sections 227.52 and 227.53, Stats., establish criteria for filing a petition for judicial review. You have 30 days after the decision is mailed, or otherwise served by the department, to file your petition with the appropriate circuit court and serve the petition on the department. The petition shall name the Department of Natural Resources as the respondent.

Dated: March 18, 2016

DEPARTMENT OF NATURAL RESOURCES
For the Secretary

Jill Schoen

Jill Schoen, CHMM
Waste Program Manager
West Central Region

JS for Brian Kalvelage

Brian Kalvelage, P.G.
Hydrogeologist
West Central Region

JS for Martin Herrick

Martin Herrick, P.E.
Environmental Engineer
West Central Region

ENVIRONMENTAL MONITORING SUMMARY
ADS SEVEN MILE CREEK, SECTOR 2 LANDFILL – LICENSE # 3097

Table 1A
(Preventive Action Limits)

Substance/Parameter	Monitoring Point/Well	PAL value (mg/l)
Alkalinity	DH-2	120
	DH-2A	120
	DH-4(abandoned)	130
	DH-18	120
	DH-18A	120
	DH-18B	120
	DH-20	110
	DH-20A	110
	DH-22	110
	DH-22A	120
	DH-22B	130
	DH-24	110
	DH-32	130
	DH-33	120
	DH-33A	120
	DH-34	120
	DH-35	200
	DH-35A	170
	DH-36	130
	DH-1	110
	DH-39	110
	DH-39A	110
	DH-40	110
	DH-41	110
	DH-43	110
	DH-43A	110
	DH-44	120
	DH-44A	120
	DH-45	110
	DH-46	110
	DH-46A	110
	DH-47	110
	DH-47A	110
	DH-48	110
	DH-49	110
	DH-49A	110
	DH-50	110
COD	Not applicable	Not applicable
Field Conductivity	DH-2	280
	DH-2A	270

	DH-4(abandoned)	280
	DH-18	290
	DH-18A	270
	DH-18B	270
	DH-20	270
	DH-20A	260
	DH-22	270
	DH-22A	280
	DH-22B	280
	DH-24	260
	DH-32	290
	DH-33	270
	DH-33A	260
	DH-34	320
	DH-35	380
	DH-35A	320
	DH-36	310
	DH-1	310
	DH-39	330
	DH-39A	250
	DH-40	280
	DH-41	410
	DH-43	440
	DH-43A	260
	DH-44	320
	DH-44A	320
	DH-45	460
	DH-46	240
	DH-46A	280
	DH-47	240
	DH-47A	250
	DH-48	520
	DH-49	760
	DH-49A	300
	DH-50	260

Sodium	DH-1	20
	DH-39	20
	DH-39A	20
	DH-40	20
	DH-41	50
	DH-43	40
	DH-43A	20
	DH-44	20
	DH-44A	20
	DH-45	50
	DH-46	20
	DH-46A	20
	DH-47	20
	DH-47A	20
	DH-48	110
	DH-49	70
	DH-49A	20
	DH-50	20
Ammonia as N	DH-1	10
	DH-39	10
	DH-39A	10
	DH-40	10
	DH-41	10
	DH-43	10
	DH-43A	10
	DH-44	10
	DH-44A	10
	DH-45	10
	DH-46	10
	DH-46A	10
	DH-47	10
	DH-47A	10
	DH-48	10
	DH-49	10
	DH-49A	10
	DH-50	10
Hardness	DH-2	140
	DH-2A	130
	DH-4(abandoned)	140
	DH-18	140
	DH-18A	130
	DH-18B	130
	DH-20	130
	DH-20A	130
	DH-22	130
	DH-22A	120
	DH-22B	140

	DH-24	130
	DH-32	150
	DH-33	140
	DH-33A	140
	DH-34	170
	DH-35	210
	DH-35A	180
	DH-36	160
	DH-1	130
	DH-39	160
	DH-39A	120
	DH-40	140
	DH-41	150
	DH-43	160
	DH-43A	120
	DH-44	150
	DH-44A	150
	DH-45	180
	DH-46	120
	DH-46A	120
	DH-47	120
	DH-47A	120
	DH-48	140
	DH-49	270
	DH-49A	140
	DH-50	130

Table 1B
(Alternative Concentration Limits)

Substance/Parameter	Monitoring Point/Well	ACL value (mg/l)
Cadmium	DH-2,	9
	DH-4 (abandoned)	9
	DH-18B	6
	DH-20A	5
Iron	DH-4 (abandoned)	6
	DH-22B	2
	DH-33A	1
	DH-35A	1
Zinc	DH-1	3.5
	DH-2	6
	DH-4(abandoned)	6
Chloride	DH-49	196
Boron	DH-45	421 (ug/L)
Nickel	DH-49	26
Manganese	DH-39A	0.10

	DH-40	0.10
	DH-44	0.90
	DH-45	6.00
	DH-46	0.04
	DH-46A	0.05
	DH-48	0.20
	DH-49	0.10
	DH-49A	0.42
Nitrate + Nitrite (as N)	DH-36	10
	DH-39	8
	DH-41	6
	DH-44	4
	DH-44A	3
	DH-45	4
	DH-48	8
	DH-49	10
	DH-49A	5
	DH-50	6

Table 2A

(GROUNDWATER MONITORING)

MONITORING WELLS/ PIEZOMETERS	**MONITORING FREQUENCY**	**PARAMETERS**
{DH-1}, DH-4R***, DH-18A, DH-22A, DH-22B, DH-32, DH-33, DH-33A, DH-34, DH-35A, DH-36, DH-39, DH-39A, DH-40, DH-41, DH-43, DH-43A, DH-45, DH-46A, DH-47, DH-47A, DH-48, DH-49, DH-49A, DH-52 and DH-53 (Subtitle-D wells; DH-18, DH-22R, DH-35 and DH-46) And any others installed as needed.	Semi-Annually, (April and October)	39036 Alkalinity, Total Filtered 00940 Chloride, Total or Dissolved 00094 Field conductivity (@ 25°C) 00400 pH, Field 00010 Temperature, Field 04189 Groundwater Elevation 22413 Hardness, Total Filtered 00001 Odor 00002 Color 00003 Turbidity
{DH-1}, DH-4R***, DH-18A, DH-22A, DH-22B, DH-32, DH-33, DH-33A, DH-34, DH-35A, DH-36, DH-39, DH-39A, DH-40, DH-41, DH-43, DH-43A, DH-45, DH-46A, DH-47, DH-47A, DH-48, DH-49, DH-49A, DH-52 and DH-53 And any others installed as needed.	Annually (April)	VOCs (All in NR 507, Appendix III) (EPA Solid Waste analytical method 8260)
DH-18*, DH-22R*, DH-35*, DH-46*	Semi-Annually (April and October)	VOCs (All in NR 507, Appendix III) (EPA Solid Waste analytical method 8260)
PRIVATE WELLS	**MONITORING FREQUENCY**	**PARAMETERS**
ADS Office Well (PW-28) (OH541)*** ADS Shop Well (PW-30) (WT191) Carr Residence (PW-2) (DK154) Steindl Residence (PW-26)	Semi-annually (April and October)	00410 Alkalinity, Total Unfiltered 00940 Chloride, Total or Dissolved 00094 Field conductivity (@ 25°C) 00400 pH, Field 00010 Temperature, Field 00900 Hardness, Total Unfiltered All NR 507, Appendix III VOCs(using EPA Safe Drinking Water Method 524.2)

Table 2B
(LYSIMETER MONITORING)

LYSIMETERS	MONITORING FREQUENCY	PARAMETERS
L-1A, L-2, L-3, L-4	Semi-annually (April and October)	00094 Field conductivity (@25°C) 00400 pH, Field 00410 Alkalinity, Total 00900 Hardness, Total 00940 Chloride, Total 00625 Total Kjeldahl Nitrogen 00929 Sodium, Total 99423 Elevation, liquid 00945 Sulfate, Total 00001 Odor 00002 Color 00003 Turbidity
L-1A, L-2, L-3, L-4	Annually (April)	VOCs (All in NR 507, Appendix III) (EPA Solid Waste analytical method 8260)
L-1A, L-2, L-3, L-4	Monthly (reported semi-annually)	74064 Lysimeter volume removed 72002 Depth to Liquid

Table 2C
(SURFACE WATER MONITORING)

STREAM MONITORING	MONITORING FREQUENCY	PARAMETERS
Stream-1-[upstream]*** Stream-2-[mid-stream]*** Stream-3-[downstream]*** • Note: Parameter 99520, Surface Water Elevation is not required at Stream-2 location.	Semi-Annual (April, October)	74010 Total Iron 00410 Alkalinity, Total Unfiltered 00940 Chloride, Total or Dissolved 00094 Field conductivity (@ 25°C) 00400 pH, Field 00010 Temperature, Field 99520 Surface Water Elevation • 00900 Hardness, Total Unfiltered 00299 Dissolved Oxygen 00620 Nitrate (NO_3-N), Filtered 00665 Total Phosphorous 00001 Odor 00002 Color 00003 Turbidity

Table 2D
(LEACHATE MONITORING)

LEACHATE HEAD WELLS	**MONITORING FREQUENCY**	**PARAMETERS**
1A, 2A, 3A, 4A, 4B, 5A, 5B, 6A, 6B, 7A, 7B, 8, 9, 10A, 10B, 11, 12, And any others installed as needed.	Monthly (submitted semi-annually)	00023 Leachate Head Elevation 00031 Depth of Leachate
LEACHATE COLLECTION	**MONITORING FREQUENCY**	**PARAMETERS**
Sector 2 Lift Station, (point ID-430)	Monthly (submitted semi-annually)	00032 Volume of Leachate removed (volume pumped)
Sector 2 Lift Station, (point ID-430)	Semi-annually (April and October)	00310 BOD_5 00094 Field conductivity (@ 25°C) 00400 Field pH 00410 Alkalinity, Total Unfiltered 01027 Cadmium, Total Unfiltered 00940 Chloride, Total Unfiltered 00900 Hardness, Total Unfiltered 74010 Total Iron 01051 Lead, Total Unfiltered 01055 Manganese, Total Unfiltered 71900 Mercury, Total Unfiltered 00610 Ammonia Nitrogen, Total 00625 Total Kjeldahl Nitrogen 00929 Sodium, Total Unfiltered 00945 Sulfate, Total Unfiltered 00150 Total Susp. Solids 00001 Odor 00002 Color 00003 Turbidity VOCs (All NR 507, Appendix III) (EPA Solid Waste analytical method 8260) (39516) PCB analysis (See 40CFR PART 761. 358)
Sector 2 Lift Station, (point ID-430)	Annually (April)	SVOCs (All in NR 507, Appendix IV) (see attached Table 3)

Table 2E
(GAS MONITORING)

GAS PROBES	**MONITORING FREQUENCY**	**PARAMETERS**
GP-1, GP-2R, GP-3R, GP-4R, GP-5R, GP-6, GP-7, GP-8, GP-9, GP-12, GP-13, GP-14, GP-15 (GP-10 and GP-11 were not installed at the time of this approval.) And any others installed as needed.	Quarterly (January, April, July, October)	85547 % Methane 85550 % Oxygen 00025 Barometric pressure 46381 Pressure trend, barometric 00007 Ground conditions (1=frozen, 2=wet, 3=dry) 00021 Ambient air temperature (^{0}F)
GAS EXTRACTION WELLS	**MONITORING FREQUENCY**	**PARAMETERS**
GEW-1, GEW-2, , GEW-3A, GEW-4, GEW-5A, GEW-6A, GEW-7A, GEW-8, GEW-9A, GEW-10B, GEW-11B, GEW-12A, GEW-13, GEW-14A, GEW-15A, GEW-16A, GEW-17, GEW-18, GEW-19, GEW-20, GEW-21, GEW-22A, GEW-23A, GEW-24A, GEW-25A, GEW-26A, GEW-27A, GEW-28A, GEW-29B, GEW-30, GEW-31, GEW-32, GEW-33, GEW-34, GEW-35, GEW-36A, GEW-37, GEW-38, GEW-39, GEW-40A, GEW-41, GEW-42, GEW-43A, GEW-44, GEW-52 and GEW-61A and others installed as needed.	Monthly (submitted semi-annually)	46388 Gas Temperature (^{0}F) 85547 % Methane 85550 % Oxygen 85544 % Carbon Dioxide 99848 Percent Gas Balance (by vol.) 46387 Valve Opening (% open) 99098 Gas Flow Rate (cfm) 46385 Well Head Pressure (inches of water column) 00023 Leachate Head Elevation 00031 Depth of Leachate
MISCELLANEOUS GAS SAMPLING	**MONITORING FREQUENCY**	**PARAMETERS**
Blower Inlet, (Point ID 850)	Semi-monthly (twice per month)	46382 Header Pressure (inches of water column)
BLOWER OUTLET*** (Point ID 852)	Semi-monthly (twice per month)	46388 Gas Temperature (^{0}F) 85547 % Methane 85550 % Oxygen 85544 % Carbon Dioxide 99098 Gas Flow Rate (cfm) 46382 Header Pressure (inches of water) 98927 Gas Extracted, (total monthly

		volume in 1000 cu. ft./month) 99848 Percent Gas Balance (by vol.)
FLARE*** (Point ID 854)	Semi-monthly (twice per month)	99098 Gas Flow Rate (cfm)

Designated Subtitle "D" monitoring wells.
**=A monitoring point (i.e. Well) which is shared by both Sector 2 and the Town of Seymour LF.
***= A monitoring point (i.e., well) which is shared by both Sector 1 and Sector 2. These points will only have to be sampled once at their respective frequency, and the data can be submitted with either license number.
(...) = Wisconsin unique well number
{*DH-x*}=Monitoring point to be abandoned as facility construction dictates

Table 3
(NR 507, Appendix IV)

Semivolatile Organic Compounds (SVOCs)

PARAMETER CODE	PARAMETER DESCRIPTION
34200	ACENAPHTHYLENE (UG/L)
34205	ACENAPHTHENE IN WHL WTR SAMPLE (UG/L)
34220	ANTHRACENE IN WHL WTR SAMPLE (UG/L)
34230	BENZO(B)FLUORANTHENE IN WHL WTR SAMPLE (UG/L)
34242	BENZO(K)FLUORANTHENE IN WHL WTR SAMPLE (UG/L)
34247	BENZO(A)PYRENE IN WHL WTR SAMPLE (UG/L)
34273	BIS(2-CHLOROETHYL) ETHER IN WHL WTR SAMPLE (UG/L)
34278	BIS(2-CHLOROETHOXY)METHANE IN WHL WTR SMPL (UG/L)
34292	BUTYL BENZYL PHTHALATE IN WHOLE WATER SAMPLE(UG/L)
34320	CHRYSENE IN WHL WTR SAMPLE (UG/L)
34336	DIETHYL PHTHALATE IN WHOLE WATER SAMPLE (UG/L)
34341	DIMETHYL PHTHALATE IN WHL WTR SAMPLE (UG/L)
34346	1,2-DIPHENYLHYDRAZINE IN WHOLE WATER SAMPLE (UG/L)
34376	FLUORANTHENE IN WHL WTR SAMPLE (UG/L)
34381	FLUORENE IN WHL WTR SAMPLE (UG/L)
34386	HEXACHLOROCYCLOPENTADIENE IN WHL WTR SAMPLE (UG/L)
34391	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)
34396	HEXACHLOROETHANE IN WHL WTR SAMPLE (UG/L)
34403	INDENO(1,2,3-CD)PYRENE IN WHL WTR SAMPLE (UG/L)
34408	ISOPHORONE IN WHL WTR SAMPLE (UG/L)
34428	N-NITROSODI-N-PROPYLAMINE IN WHL WTR SAMPLE (UG/L)
34433	N-NITROSODIPHENYLAMINE IN WHL WTR SAMPLE (UG/L)
34438	N-NITROSODIMETHYLAMINE IN WHL WTR SAMPLE (UG/L)
34447	NITROBENZENE IN WHL WTR SAMPLE (UG/L)
34452	P-CHLORO-M-CRESOL IN WHL WTR SAMPLE (UG/L)

34461 PHENANTHRENE IN WHL WTR SAMPLE (UG/L)
34469 PYRENE, TOTAL (UG/L)
34521 BENZO(GHI)PERYLENE IN WHL WTR SAMPLE (UG/L)
34526 BENZ(A)ANTHRACENE IN WHL WTR SAMPLE (UG/L)
34536 O-DICHLOROBENZENE IN WHL WTR SAMPLE (UG/L)
34551 1,2,4-TRICHLOROBENZENE IN WHOLE WATER SAMPLE(UG/L)
34556 DIBENZ(A,H)ANTHRACENE IN WHL WTR SAMPLE (UG/L)
34566 M-DICHLOROBENZENE IN WHL WTR SAMPLE (UG/L)
34571 P-DICHLOROBENZENE IN WHL WTR SAMPLE (UG/L)
34581 2-CHLORONAPHTHALENE IN WHL WTR SAMPLE (UG/L)
34586 2-CHLOROPHENOL IN WHL WTR SAMPLE (UG/L)
34591 2-NITROPHENOL IN WHL WTR SAMPLE (UG/L)
34596 DI-N-OCTYL PHTHALATE IN WHL WTR SAMPLE (UG/L)
34601 2,4-DICHLOROPHENOL IN WHL WTR SAMPLE (UG/L)
34606 2,4-DIMETHYLPHENOL IN WHL WTR SAMPLE (UG/L)
34611 2,4-DINITROTOLUENE IN WHL WTR SAMPLE (UG/L)
34616 2,4-DINITROPHENOL IN WHL WTR SAMPLE (UG/L)
34621 2,4,6-TRICHLOROPHENOL IN WHOLE WATER SAMPLE (UG/L)
34626 2,6-DINITROTOLUENE IN WHL WTR SAMPLE (UG/L)
34631 3,3'-DICHLOROBENZIDINE IN WHOLE WATR SAMPLE (UG/L)
34636 4-BROMOPHENYL PHENYL ETHER IN WHL WTR SMPL (UG/L)
34641 4-CHLOROPHENYLPHENYL ETHER, WHL WATR SAMPLE (UG/L)
34646 4-NITROPHENOL IN WHL WTR SAMPLE (UG/L)
34694 PHENOL IN WHL WTR SAMPLE (UG/L)
34696 NAPHTHALENE IN WHOLE WATER SAMPLE (UG/L)
39032 PENTACHLOROPHENOL (PCP) IN WHOLE WTR SAMPLE (UG/L)
39100 BIS(2-ETHYLHEXYL) PHTHALATE (DEHP)WHL WTR SMP(UG/L
39110 DI-N-BUTYL PHTHALATE IN WHOLE WATER SAMPLE (UG/L)
39120 BENZIDINE IN WHL WTR SAMPLE (UG/L)
39700 HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)
73522 BIS(2-CHLOROISOPROPYL) ETHER IN WHL WTR SMP (UG/L)
79533 4,6-DINITRO-O-CRESOL IN WHL WTR SAMPLE UG/L)

Note: This Table may change as NR 507, NR 140, NR 809 and 40 CFR 141 are revised.

NR 507 Appendix III Contaminant	CAS #	NR 140 PAL (µg/L)	NR 809 Status (MCL in µg/L)	SDWA Methods
Acetone	67-64-1	200	--	524.2
Benzene	71-43-2	0.5	5	502.2, 524.2
Bromodichloromethane	75-27-4	0.06	TTHM MCL = 100	502.2, 524.2
Bromomethane	74-83-9	1	Unregulated	502.2, 524.2
Bromoform (Tribromomethane)	75-25-2	0.44	TTHM MCL = 100	502.2, 524.2
Carbon disulfide	75-15-0	200		524.2
Carbon tetrachloride	56-23-5	0.5	5	502.2, 524.2
Chlorobenzene	108-90-7	20	100	502.2, 524.2
Chloroethane	75-00-3	80	Unregulated	502.2, 524.2
Chloroform (Trichloromethane)	67-66-3	0.6	TTHM MCL = 100	502.2, 524.2

Chloromethane	74-87-3	0.3	Unregulated	502.2, 524.2
Dibromochloromethane	124-48-1	6	TTHM MCL = 100	502.2, 524.2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	0.02	0.2	*504.1,551, 551.1*
1,2-Dibromoethane (EDB)	106-93-4	0.005	0.05	*504.1, 551, 551.1*
1,2-Dichlorobenzene	95-50-1	60		502.2, 524.2
1,3-Dichlorobenzene	541-73-1	125	Special 809.26	502.2, 524.2
1,4-Dichlorobenzene	106-46-7	15	75	502.2, 524.2
Dichlorodifluoromethane	75-71-8	200	Special 809.26	502.2, 524.2
1,1-Dichloroethane	75-34-3	85	Special 809.26	502.2, 524.2
1,2-Dichloroethane	107-06-2	0.5	5	502.2, 524.2
1,1-Dichloroethylene	75-35-4	0.7	7	502.2, 524.2
Cis-1,2-Dichloroethylene	156-59-2	7	70	502.2, 524.2
Trans-1,2-Dichloroethylene	156-60-5	20	100	502.2, 524.2
1,2-Dichloropropane	78-87-5	0.5	5	502.2, 524.2
1,3-Dichloropropene (cis)	10061-01-5	*0.02	Special 809.26	502.2, 524.2
1,3-Dichloropropene (trans)	10061-02-6	*0.02	Unregulated	502.2, 524.2
Ethylbenzene	100-41-4	140	Unregulated	502.2, 524.2
Fluorotrichloromethane	75-69-4	698		502.2, 524.2
Methylene bromide	74-95-3		Unregulated	502.2, 524.2
Methylene chloride (Dichloromethane)	75-09-2	0.5	5	524.2
Methyl ethyl ketone (MEK)	78-93-3	90		502.2, 524.2
Methyl tert-butyl ether (MTBE)	1634-04-4	12		502.2, 524.2
**Naphthalene	91-20-3	8	Unregulated	524.2*
Styrene	100-42-5	10	100	502.2, 524.2
Tetrachloroethylene	127-18-4	0.5	5	502.2, 524.2
Tetrahydrofuran	109-99-9	10		502.2, 524.2
Toluene	108-88-3	200	1000	502.2, 524.2
1,1,1-Trichloroethane	71-55-6	40	200	524.2
1,1,2-Trichloroethane	79-00-5	0.5	5	502.2, 524.2
Trichloroethylene (TCE)	79-01-6	0.5	5	502.2, 524.2
Vinyl chloride	75-01-4	0.02	0.2	502.2, 524.2
Xylenes (total)	***	1000	10000	502.2, 524.2

* PAL applies to the sum of the concentrations of 1,3-Dichloropropene (cis) and 1,3-Dichloropropene (trans).

** Naphthalene is also a polynuclear aromatic hydrocarbon (PAH). If other semi-volatile compounds or specifically PAHs are included in the monitoring plan, it may be appropriate to eliminate this compound from VOC monitoring.

*** CAS #s include 95-47-6 for o-Xylene, 108-38-3 for m-Xylene, and 106-42-3 for p-Xylene, or 1330-20-7 for unspecified Xylene

From: Oswald, John
Sent: Monday, April 11, 2016 3:26 PM
To: Mark Vinall <Mark.Vinall@advanceddisposal.com>; Tim Curry <tim.curry@advanceddisposal.com>; Kari Rabideau <kari.rabideau@advanceddisposal.com>
Cc: Field, Tyler <Tyler.Field@Cornerstoneeg.com>; Roche, Dan <dan.roche@cornerstoneeg.com>; Torresani, Mark <Mark.Torresani@Cornerstoneeg.com>
Subject: ADS SMCL - Plan of Operation Approval - WDNR Response Gas Well Leachate Monitoring Frequency

Attached is an email from the WDNR regarding the SMCL March 2016 Plan of Op Approval monitoring questions transmitted to the WDNR last week.

Question No. 1 was resolved last week as indicated in my prior emails and as noted below there is no change to the Plan of Operation Approval.

Question No. 2 reverts back to the July 2007 Plan Mod Approval which requires annual monitoring of leachate in gas wells. (Monthly monitoring is **not** required).

Per the WDNR, please attach the above email to your copy of the Plan of Op Approval.

Tyler will discuss this modification with the site staff performing the monitoring.

Regards,
John

John C. Oswald, P.G. (WI, IL, MN)
Client Manager

8413 Excelsior Drive, Suite 160, Madison, WI 53717
P: 630.410.7224 | **C:** 608.515.4111 | Follow us on LinkedIn!
John.Oswald@cornerstoneeg.com
www.CornerstoneEG.com

John, here is our response to your questions below.

1.) WDNR requires that Subtitle-D wells be monitored according to the March 18, 2016 Plan of Operation.
2.) You are correct. The 2016 Plan of Op has increased this monitoring requirement. This increase in monitoring was added by our staff in our Madison office. Since ADS Seven Mile Creek Landfill has not indicated that leachate inundation of gas wells has been a problem, annual (leachate head elevation and depth of leachate) monitoring of the gas wells will be sufficient.

*Please print this email, and attach it to the March 18, 2016

**If gas well performance changes and/or if yearly leachate monitoring of gas wells indicates flooding, the monthly monitoring requirement may be warranted.

If you have any other questions, please feel free to call. Thanks.

Brian Kalvelage, P.G.
Regional Hydrogeologist
West Central Region
3550 Mormon Coulee Road
La Crosse, WI 54601
(608) 785-9983 office
(608) 785-9990 fax

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From: Oswald, John [mailto:John.Oswald@Cornerstoneeg.com]
Sent: Thursday, April 07, 2016 11:33 AM
To: Kalvelage, Brian H - DNR; Herrick, Martin A - DNR
Cc: Mark Vinall; Kari Rabideau; Field, Tyler; Roche, Dan; Torresani, Mark
Subject: FW: ADS Seven Mile Creek LF - Plan of Op Approval - Monitoring Questions
Importance: High

Brian and Marty –

In the urgency of time since SEH will be performing semiannual monitoring at the SMCL next week, please provide clarification to the following comments/questions:

They are based on the March 18, 2016 Plan of Operation Approval for Seven Mile Creek Sector 2 Landfill monitoring program.

1) Based on the attached Plan of Op Approval, is it the WDNR intent that the Sub D wells (DH-18, 22R, 35 and 46) are only being sampled for VOCs on a semiannual basis?
No field parameters, CL, Alk, Hd or GW elevation? This is a change from the 2005 PO Approval.

2) The 2016 PO Approval indicates that leachate head elevation and depth of leachate at the gas wells are to be measured monthly versus annually as noted in the 2007 Organic Stability Plan Approval where this measurement was previously required. Is there a reason for this change?

Please confirm.

We are continuing to review the remainder of the March 2016 Plan of Operation Approval for any other points of clarification. However, wanted to forward these to you now given the time sensitivity of the above topics.

Thanks,
John

John C. Oswald, P.G. (WI, IL, MN)
Client Manager

8413 Excelsior Drive, Suite 160, Madison, WI 53717
P: 630.410.7224 | **C:** 608.515.4111 | Follow us on LinkedIn!
John.Oswald@cornerstoneeg.com
www.CornerstoneEG.com

Subject:	RE: ADS Seven Mile Creek Landfill: Notification of Planned Abandonment (MH17 and MH18)
From:	Gray, Ashley P - DNR (Ashley.Gray@wisconsin.gov)
To:	escstaff@yahoo.com;
Date:	Monday, June 6, 2016 10:02 AM

Thank you.

Ashley

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Ashley Gray
Air Management Engineer – Division of Air, Waste, and Remediation & Redevelopment

Wisconsin Department of Natural Resources
5301 Rib Mountain Drive

Wausau, WI 54401
Phone: (715) 355-9474
Fax: (715) 355-5253
ashley.gray@wisconsin.gov

dnr.wi.gov

From: escstaff@yahoo.com [mailto:escstaff@yahoo.com]
Sent: Tuesday, May 31, 2016 4:14 PM
To: Gray, Ashley P - DNR
Cc: Tim D. Curry; Randy Frank; Kari Rabideau; Michael Niewind; Mark Vinall; Joshua Malek; Dean Marten; Tyler Field; Dan Roche; Frank Perugini; Environmental Sampling Corp.
Subject: ADS Seven Mile Creek Landfill: Notification of Planned Abandonment (MH17 and MH18)

On behalf of Advanced Disposal Services Seven Mile Creek Landfill, Environmental Sampling Corporation is providing a .pdf file of the Notification of Planned Abandonment for the facility.

This notification pertains to the planned abandonment of two supplemental gas extraction points (SEC2MH17 and

SEC2MH18) in conjunction with the Phase 13 cell construction.

A hard copy of the report will be mailed out today.

Thank you,
Tracy Ipavec
Sr. Environmental Specialist

Environmental Sampling Corporation
W125 S9808 North Cape Road
Muskego, WI 53150
(414)427-5033
www.environmentalsamplingcorp.com

Attachments

- image001.gif (1.39KB)
- image002.gif (156B)
- image003.gif (578B)
- image004.gif (606B)
- image005.gif (626B)
- image006.gif (636B)

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
Wisconsin Department of Natural Resources
1300 W Clairemont Avenue
Eau Claire, WI 54701

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

WISCONSIN DEPT. OF NATURAL RESOURCES

August 25, 2016

Mr. Mark Vinall
Advanced Disposal Services Seven Mile Creek Landfill, LLC
8001 Olson Drive
Eau Claire WI 54703

File Ref : FID 618045450
Eau Claire Co.
SW/APPR File

Subject: Research, Development and Demonstration (RD&D) Plan Renewal, Modification to the Plan of Operation Approval, Advanced Disposal Services (ADS) Seven Mile Creek Landfill, Eau Claire County, License No. 3097

Dear Mr. Vinall:

The department has reviewed your report entitled "Research, Development and Demonstration Plan Renewal Request Advanced Disposal Services Seven Mile Creek Landfill." The report was prepared by SCS Engineers and was dated July 13, 2016. At this time the Department is conditionally approving your renewal request.

The research, development & demonstration (RD&D) plan was submitted in accordance with NR 514.07(10), Wis. Adm. Code which allows a landfill to apply for a RD&D plan for specific items. ADS is proposing to continue adding liquids to the waste with no proposed changes to the RD&D plan. The renewal test period and number of renewals for the RD&D plan is limited to a maximum of 3 years and 3 renewals respectively, in accordance with NR 514.10 (2) (c), Wis. Adm. Code. This is approval is the third renewal.

This approval should be attached to your June 20, 1988, May 21, 2002, April 19, 2005 and March 18, 2016 Plan of Operation Approvals. If you have any questions regarding this approval, please contact Martin Herrick at (608) 789-5518.

Sincerely,

Jill Schoen, CHMM
Waste Program Supervisor
West Central Region

cc: Martin Herrick-LAX
Bob Grefe-WA/5
Sherren Clark – SCS Engineers, 2830 Dairy Drive, Madison, WI 53718-6751

BEFORE THE
STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES
PLAN OF OPERATION APPROVAL MODIFICATION
FOR A
RESEARCH, DEVELOPMENT & DEMONSTRATION PLAN
ADVANCED DISPOSAL SERVICES SEVEN MILE CREEK LANDFILL
LICENSE #3097

FINDINGS OF FACT

The department finds that:

1. Advanced Disposal Services (ADS) Seven Mile Creek Landfill owns and operates a solid waste disposal facility located in the southeast ¼ of Section 8 and the southwest ¼ of Section 9,T 27N, R 8W, City of Eau Claire, Eau Claire County, Wisconsin.
2. The department issued Conditional Plan of Operation Approvals for the facility on June 20, 1988, May 21, 2002, April 19, 2005 and March 18, 2016.
3. On July 17, 2007 the department issued a Research, Development and Demonstration Plan Modification to the April 19, 2005 Plan of Operation Approval.
4. On November 29, 2010 and December 9, 2013 the department issued Research, Development and Demonstration Plan Renewal, Modifications to the April 19, 2005 Plan of Operation Approval.
5. The information submitted as a plan modification request to the department includes the following:
   a. A July 13, 2016 report titled "Research, Development and Demonstration Plan Renewal Request Advanced Disposal Services Seven Mile Creek Landfill."
6. On August 1, 2016 the department issued invoice no. 4339-11012 for $2500for the plan review of the Research, Demonstration and Development renewal request. On August 18, 2016 the invoice was paid in full.
7. Additional documents considered in connection with the modification request include the following:
   a. The department's November 29, 2010 and December 9, 2013 Research, Development and Demonstration Plan Modifications to the Plan of Operation Approval,
   b. The department's July 17, 2007 Research, Development and Demonstration Plan Modification to the Plan of Operation Approval,
   c. The department's April 19, 2005 and March 18, 2016 Conditional Plan of Operation Approvals,
   d. The department's files including the annual reports for the Seven Mile Creek Landfill.
8. Additional facts relevant to the review of the plan modification request include the following:
   a. The USEPA approved a modification to Wisconsin's approved municipal solid waste (MSW) landfill regulatory program on March 21, 2006, to allow the Department to issue Research, Development and Demonstration (RD&D) approvals to owners and operators of MSW landfills. This approval allowed the Department to implement the RD&D permit provisions of 40 CFR 258.4 of the Resource Conservation and Recovery Act (RCRA).
   b. The Seven Mile Creek Landfill is an approved MSW landfill operating under Wisconsin rules, has been approved to re-circulate leachate, has an operating gas extraction system, and performs monitoring of landfill performance as required by rules and approvals.
   c. Use of liquid wastes will be performed in accordance with the approved leachate recirculation plan and organic stability plan as modified by the RD&D plan modification.
   d. Water is an essential ingredient in the decomposition of MSW and subsequent effects such as production of landfill gas, settlement of the waste mass, and physical and chemical stabilization of the waste mass.

e. Addition of water to MSW by leachate recirculation and liquid waste enhances its decomposition and has been validated by laboratory research, bench and field scale tests as well as full scale test at MSW landfills.

9. The special condition set forth below is needed to assure that the facility is operated in an environmentally sound fashion. If the special condition is complied with, the proposed modifications will not inhibit compliance with the standards set forth in the applicable portions of chs. NR 500-590, Wis. Adm. Code.

CONCLUSIONS OF LAW

1. The department has authority under s. 289.30(6), Wis. Stats., to modify a plan of operation approval if the modification would not inhibit compliance with the applicable portions of chs. NR 500-590, Wis. Adm. Code.

2. The department has authority to approve a plan of operation approval modification with special conditions if the conditions are needed to ensure compliance with chs. NR 500-590, Wis. Adm. Code.

3. The conditions of this approval are needed to ensure compliance with chs. NR 500-590, Wis. Adm. Code.

4. In accordance with the foregoing, the department has the authority under s. 289.30, Wis. Stats., to issue the following conditional plan of operation approval modification.

PLAN OF OPERATION APPROVAL MODIFICATION

The department hereby approves the proposed modification to the plan of operation for the Advanced Disposal Services Seven Mile Creek Landfill for the Research, Development and Demonstration Plan, subject to the following condition:

1. The test period for the renewal application of the RD&D plan shall be limited to a maximum of 3 years from the date of this approval.

This approval is based on the information available to the department as of the date of approval. If additional information, project changes or other circumstances indicate a possible need to modify this approval, the department may ask you to provide further information relating to this activity. Likewise, you may request a modification of this approval based on additional information, project changes, or other circumstances as provided for in state statues and administrative codes. Unless specifically noted, the conditions of this approval do not supersede or replace any previous conditions of approval for this facility.

NOTICE OF APPEAL RIGHTS

If you believe that you have a right to challenge this decision made by the department, you should know that Wisconsin statues and administrative codes establish time periods and requirements for reviewing Department decisions.

To seek judicial review of the Department's decision, sections 227.52 and 227.53, Stats. establish criteria for filing a petition for judicial review. You have 30 days after the decision is mailed or otherwise served by the department to file your petition with the appropriate circuit court and serve the petition on the department. The petition shall name the Department of Natural Resources as the respondent.

Dated: August 25, 2016

DEPARTMENT OF NATURAL RESOURCES
For the Secretary

Jill Schoen, CHMM
Waste Program Supervisor
West Central Region

Martin Herrick, P.E.
Environmental Engineer
West Central Region

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
810 W. Maple Street
Spooner WI 54801

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

October 27, 2016

Mark Vinall, General Manager
Advanced Disposal Services Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire, WI 54703

FID # 618045450
Eau Claire County
SW/Approvals

Subject: Modification of the Plan of Operation Approval and Revised Summary of Environmental Monitoring Requirements for the Advanced Disposal Services Seven Mile Creek Sector 2 Landfill, License # 3097

Dear Mr. Vinall:

We have completed our review of your request dated September 14, 2016, to modify the plan of operation environmental monitoring requirements for the Advanced Disposal Services (ADS) Seven Mile Creek Landfill and determined that it is consistent with Wisconsin's solid waste regulations, subject to compliance with chs. NR 500-590, Wis. Adm. Code, and the conditions in the attached approval. The request was received by the department on September 14, 2016, and was submitted by Cornerstone Engineering Group on behalf of ADS.

This approval must be maintained with the Plan of Operation Approval dated March 18, 2016. The Summary of Environmental Monitoring Requirements Tables 1A – 1E contained in this approval replaces the summary tables numbered 2A- 2E in the March 18, 2016, Plan of Operation Approval.

The request proposes the abandonment of well DH-53 without replacing the well. The department is approving this request. The Eau Claire County Highway Department provided ADS a notice of intent on October 10, 2016, to purchase right of way from ADS. The well DH-53 is located north of County Trunk Highway Q in the proposed right of way. The realignment of the highway requires the abandonment of DH-53.

The request proposes to reduce the groundwater monitoring requirements at the piezometer DH-18B. The monitoring point was not included with the environmental summary tables contained in the plan of operation approval dated March 18, 2016. The monitoring point was assumed to be an omission from the March 18, 2016, plan of operation approval because DH-18B was included as part of the monitoring requirements in prior approvals for the Sector 2 landfill. In an email dated August 10, 2016, the department asked ADS to include the well with the regular monitoring program.

At this time the department is not approving the request to reduce monitoring parameters at the groundwater monitoring point DH-18B and is requiring ADS to sample DH-18B in accordance with the attached Environmental Monitoring Summary Table 1A for Groundwater Monitoring. The department evaluated the historical groundwater data at DH-18B. Upon review of the conductivity levels, the department determined that multiple rounds since April 2012 have been above the established Preventative Action Limit (PAL). Additionally, the most recent round of data available was from October 2015 and indicates the presence of Volatile Organic Compound (VOCs). While the concentration of acetone and tetrahydrofuran are below their respective PALs, routine detection monitoring for VOCs is a requirement for the groundwater monitoring points for the landfill.

The department is modifying the leachate monitoring requirements in this approval. To be consistent with leachate data previously obtained, the leachate samples will be collected at the leachate collection tank and not at the lift station. Cornerstone made the request on behalf of ADS in an email to the department on June 21, 2016, and the department concurred via email on June 22, 2016.

There are no modifications made to the surface water, lysimeter, gas, or leachate head well requirements; however, the summary tables have been revised to list the parameters in order by parameter code for ease of reference.

If you have questions regarding this modification approval, please contact Nathan Coller, Hydrogeologist at 715-635-4048, or nathan.coller@wi.gov by email.

Sincerely,

Jill Schoen

Jill Schoen, CHMM
Supervisor, Waste and Materials Management Program

cc: John Oswald, Cornerstone Engineering (email)
Marty Herrick, Waste Engineer/DNR, La Crosse (email)
Nathan Coller, DNR, Spooner (email)

BEFORE THE
STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES

CONDITIONAL PLAN OF OPERATION MODIFICATION APPROVAL
FOR
ADVANCED DISPOSAL SERVICES SEVEN MILE CREEK
SECTOR 2,
SANITARY LANDFILL
CITY OF EAU CLAIRE,
EAU CLAIRE COUNTY, WISCONSIN
LICENSE #3097

FINDINGS OF FACT

The department finds that:

1. Advanced Disposal Services (ADS) owns and operates a municipal solid waste disposal facility known as ADS Seven Mile Creek Landfill (SMCL), Sector 2, located in the southeast 1/4 of Section 8 and the southwest 1/4 of Section 9, T27N, R8W, City of Eau Claire, Eau Claire County, Wisconsin.
2. On June 20, 1988, the department issued a conditional plan of operation approval for the active landfill, license #3097.
3. On March 18, 2016, the department issued a conditional plan of operation approval for the vertical expansion of the active landfill.
4. The information submitted as part of this request includes the following:
    a. A report dated September 14, 2016, submitted by Cornerstone Engineering Group (Cornerstone), on behalf of ADS SMCL, and received by the department on September 14, 2016, requesting to abandon well DH-53 and to not replace it, and proposing to reduce the groundwater monitoring requirements at groundwater monitoring point DH-18B; and
    b. An email from Cornerstone dated October 11, 2016, containing a PDF of the letter of intent dated October 10, 2016, from the Eau Claire County Highway Department providing notice to ADS SMCL to purchase right of way.
5. On October 3, 2016, the department received payment of $1,650 (Invoice # 4339-11049) for a review fee of the plan modification request.
6. Additional facts considered in connection with the plan modification request:
    a. The realignment of the County Trunk Highway Q requires the abandonment of DH-53; and
    b. Data for specific conductivity since April 2012 indicate levels have been above the established preventative action limit (PAL) of 270 umho/cm at DH-18B.
7. Additional information reviewed in connection with review of the request includes:
    a. An email dated August 10, 2016, from the department to Cornerstone, asking ADS SMCL to include the piezometer DH-18B as part of the groundwater monitoring requirements for the non-Subtitle D monitoring points;
    b. An email dated June 22, 2016, from the department concurring with Cornerstone's request on June 21, 2016, made on behalf of ADS SMCL to designate the leachate collection tank (DNR

Point ID 425) – and not the lift station (DNR Point ID 430) – as the point for collecting analytical data for leachate;

c. Groundwater monitoring data from the department's groundwater and environmental monitoring system (GEMS) database; and

d. Environmental monitoring information, including boring logs and well construction reports for the monitoring wells, previously received by the department and contained in department files.

8. The special conditions set forth below are needed to assure that the facility will not have a detrimental effect on groundwater. If the special conditions are complied with, the proposed modifications will not inhibit compliance with the standards set forth in chapter NR 500-590, Wis. Adm. Code.

CONCLUSIONS OF LAW

1. The department has authority under s. 289.30(6), Stats., to modify a plan of operation approval if the modifications will not inhibit compliance with chs. NR 500 - NR 590, Wis. Adm. Code.
2. The department has authority under 289.30(6), Stats to approve a plan with special conditions if the conditions are needed to ensure compliance with chs. NR 500 - NR 590, Wis. Adm. Code.
3. The conditions set forth below are needed to ensure compliance with the applicable portions of chs. NR 500 - NR 590, Wis. Adm. Code.
4. In accordance with the foregoing, the department has authority under ch. 289, Stats., to issue the following conditional plan of operation approval modification.

CONDITIONS OF APPROVAL

The department hereby approves the proposed monitoring changes and monitoring point abandonment at the ADS SMCL Sector 2, Lic. #3097, subject to compliance with chs. NR 500 to NR 590, Wis. Adm. Code, the March 18, 2016, Conditional Plan of Operation, subsequent plan modifications and the following conditions:

1. ADS SMCL shall conduct the environmental monitoring, reporting and response in accordance with the requirements of chs. NR 507 and NR 508, Wis. Adm. Code, and the attached Tables 1A to 1E – Summary of Environmental Monitoring Requirements, which shall supersede those requirements, contained in condition no. 9 of the March 18, 2016, Plan of Operation Approval.
2. Within 60 days from the date of the abandonment of monitoring point DH-53 (DNR Point ID 238), ADS SMCL shall submit documentation of the abandonment in accordance with s. NR 141.25, Wis. Adm. Code.

This approval is based on the information available to the department as of the date of approval. If additional information, project changes or other circumstances indicate a possible need to modify this approval, the department may ask you to provide further information relating to this activity. Likewise, the department accepts proposals to modify approvals, as provided for in state statutes and administrative codes.

NOTICE OF APPEAL RIGHTS

If you believe that you have a right to challenge this decision made by the department, you should know that Wisconsin statutes and administrative codes establish time periods and requirements for reviewing department decisions.

To seek judicial review of the department's decision, sections 227.52 and 227.53, Stats., establish criteria for filing a petition for judicial review. You have 30 days after the decision is mailed, or otherwise served by the department, to file your petition with the appropriate circuit court and serve the petition on the department. The petition shall name the Department of Natural Resources as the respondent.

Dated: October 27, 2016

DEPARTMENT OF NATURAL RESOURCES
For the Secretary

Jill Schoen

Jill Schoen, CHMM
Supervisor, Waste and Materials Management Program

Nathan Coller

Nathan Coller
Hydrogeologist

Summary of Environmental Monitoring Requirements
ADS SEVEN MILE CREEK, SECTOR 2 LANDFILL – LICENSE # 3097
Tables 1A – 1E

Table 1A - GROUNDWATER MONITORING		
Well Name (DNR Point ID)	**Frequency**	**Parameters**
DH-4R** (108) DH-18A (140) DH-18B (142) DH-22A (158) DH-22B (160) DH-32 (184) DH-33 (186) DH-33A (188) DH-34 (190) DH-35A (194) DH-36 (196) DH-39 (200) DH-39A (202) DH-40 (204) DH-41 (206) DH-43 (208) DH-43A (210) DH-45 (216) DH-46A (220) DH-47 (222) DH-47A (224) DH-48 (226) DH-49 (228) DH-49A (230) DH-52 (236) {DH-53} (238) And any others installed as needed.	Semi-Annually, (April and October)	00001 Odor 00002 Color 00003 Turbidity 00010 Temperature, Field (°C) 00094 Field Conductivity (umho/cm @ 25°C) 00400 pH, Field (standard units) 04189 Groundwater Elevation (ft. above MSL) 00941 Chloride, dissolved (mg/l) 22413 Hardness, Total, dissolved (mg/l) 39036 Alkalinity, Total, dissolved (mg/l)
	Annually (April)	VOCs listed in ch. NR 507, Appendix III, Wis. Adm. Code. Using an EPA SW-846 or s. NR 219.04, Wis. Adm. Code method that otherwise meets s. NR 507.17(4), Wis. Adm. Code
Subtitle-D wells: DH-18 (138) DH-22R (157) DH-35 (192) DH-46 (218)	Semi-Annually (April and October)	00001 Odor 00002 Color 00003 Turbidity 00010 Temperature, Field (°C) 00094 Field Conductivity (umho/cm @ 25°C) 00400 pH, Field (standard units) 04189 Groundwater Elevation (ft. above MSL) 00941 Chloride, dissolved (mg/l) 22413 Hardness, Total, dissolved (mg/l) 39036 Alkalinity, Total, dissolved (mg/l) VOCs listed in ch. NR 507, Appendix III, Wis. Adm. Code. Using an EPA SW-846 or s. NR 219.04, Wis. Adm. Code method that otherwise meets s. NR 507.17(4), Wis. Adm. Code

Water Supply Well Name, Wisconsin Unique Well No. (DNR Point ID)	**Frequency**	**Parameters**
ADS Office Well, OH541 (356)** ADS Shop Well, WT191 (355) PW-2, Carr Residence, DK154 (362) PW-26, Steindl Residence, PY092 (386)	Semi-annually (April and October)	00010 Temperature, Field 00094 Field conductivity (@ 25°C) 00400 pH, Field 00410 Alkalinity, Total Unfiltered 00900 Hardness, Total Unfiltered 00940 Chloride, Total or Dissolved VOCs Using SDWA method 524.2

** denotes the monitoring point is shared by both Sector 1 and Sector 2 landfills. The data can be submitted with either license number.
{*DH-x*}=Monitoring point to be abandoned

Table 1B - LYSIMETER MONITORING		
Lysimeter Name (DNR Point ID)	**Frequency**	**Parameters**
L-1A (400) L-2 (406) L-3 (408) L-4 (410)	Semi-annually (April and October)	00001 Odor 00002 Color 00003 Turbidity 00094 Field conductivity (@25°C) 00400 pH, Field 00410 Alkalinity, Total 00625 Total Kjeldahl Nitrogen 00900 Hardness, Total 00929 Sodium, Total 00940 Chloride, Total 00945 Sulfate, Total 99423 Elevation, liquid
	Annually (April)	VOCs listed in ch. NR 507, Appendix III, Wis. Adm. Code. Using an EPA SW-846 or s. NR 219.04, Wis. Adm. Code method that otherwise meets s. NR 507.17(4), Wis. Adm. Code
	Monthly (reported semi-annually)	74064 Lysimeter volume removed 72002 Depth to Liquid

Table 1C - SURFACE WATER MONITORING		
Stream Monitoring Point Name (DNR Point ID)	**Frequency**	**Parameter**
Stream-1, upstream** (300) Stream-2, mid-stream** (302) Stream-3, downstream** (304) Note: Surface Water Elevation (Parameter Code 99520), is not required at Stream-2, mid-stream (DNR Point ID 302).	Semi-Annual (April, October)	00001 Odor 00002 Color 00003 Turbidity 00010 Temperature, Field 00094 Field conductivity (@ 25°C) 00299 Dissolved Oxygen 00400 pH, Field 00410 Alkalinity, Total Unfiltered 00620 Nitrate (NO_3-N), Filtered 00665 Total Phosphorous 00900 Hardness, Total Unfiltered 00940 Chloride, Total 74010 Total Iron 99520 Surface Water Elevation

** denotes the monitoring point is shared by both Sector 1 and Sector 2 landfills. The data can be submitted with either license number.

Table 1D - LEACHATE MONITORING		
Leachate Head Wells	**Frequency**	**Parameter**
1A, 2A, 3A, 4A, 4B, 5A, 5B, 6A, 6B, 7A, 7B, 8, 9, 10A, 10B, 11, 12, And any others installed as needed.	Monthly (submitted semi-annually)	00023 Leachate Head Elevation 00031 Depth of Leachate
Leachate Collection	**Frequency**	**Parameter**
Sector 2 Leachate Tank, (DNR Point ID 425)	Monthly (submitted semi-annually)	00032 Volume of Leachate removed (volume pumped)
Sector 2 Leachate Tank, (DNR Point ID 425)	Semi-annually (April and October)	00001 Odor 00002 Color 00003 Turbidity 00094 Field conductivity (@ 25°C) 00150 Total Susp. Solids 00310 BOD_5 00400 Field pH 00410 Alkalinity, Total Unfiltered 00610 Ammonia Nitrogen, Total 00625 Total Kjeldahl Nitrogen 00900 Hardness, Total Unfiltered 00929 Sodium, Total Unfiltered 00945 Sulfate, Total Unfiltered 00940 Chloride, Total Unfiltered 01027 Cadmium, Total Unfiltered 01051 Lead, Total Unfiltered 01055 Manganese, Total Unfiltered 71900 Mercury, Total Unfiltered 74010 Total Iron VOCs listed in ch. NR 507, Appendix III, Wis. Adm. Code. Using an EPA SW-846 or s. NR 219.04, Wis. Adm. Code method that otherwise meets s. NR 507.17(4), Wis. Adm. Code 39516 PCB analysis (See 40CFR PART 761. 358)
Sector 2 Leachate Tank, (DNR Point ID 425)	Annually (April)	SVOCs (All in ch. NR 507, Appendix IV)

Table 1E - GAS MONITORING

Gas Probe	**Frequency**	**Parameter**
GP-1, GP-2R, GP-3R, GP-4R, GP-5R, GP-6, GP-7, GP-8, GP-9, GP-12, GP-13, GP-14, GP-15 (GP-10 and GP-11 were not installed at the time of this approval.) And any others installed as needed.	Quarterly (January, April, July, October)	00007 Ground conditions (1=frozen, 2=wet, 3=dry) 00021 Ambient air temperature (^{0}F) 00025 Barometric pressure 46381 Pressure trend, barometric 85547 % Methane 85550 % Oxygen
Gas Extraction Wells	**Frequency**	**Parameter**
GEW-1, GEW-2, , GEW-3A, GEW-4, GEW-5A, GEW-6A, GEW-7A, GEW-8A, GEW-9A, GEW-10B, GEW-11B, GEW-12A, GEW-13, GEW-14A, GEW-15A, GEW-16A, GEW-17, GEW-18, GEW-19, GEW-20, GEW-21, GEW-22A, GEW-23A, GEW-24A, GEW-25A, GEW-26A, GEW-27A, GEW-28A, GEW-29B, GEW-30, GEW-31, GEW-32, GEW-33, GEW-34, GEW-35, GEW-36A, GEW-37, GEW-38, GEW-39, GEW-40A, GEW-41, GEW-42, GEW-43A, GEW-44, GEW-45, GEW-52, GEW-53, GEW-60, GEW-61A, GEW-62A, GEW-63, and GEW-64 And any others installed as needed.	Monthly (submitted semi-annually)	00023 Leachate Head Elevation 00031 Depth of Leachate 46385 Well Head Pressure (inches of water column) 46387 Valve Opening (% open) 46388 Gas Temperature (^{0}F) 85547 % Methane 85550 % Oxygen 85544 % Carbon Dioxide 99098 Gas Flow Rate (cfm) 99848 Percent Gas Balance (by vol.)
Misc. Gas Monitoring	**Frequency**	**Parameter**
Blower Inlet, (Point ID 850)	Semi-monthly (twice per month)	46382 Header Pressure (inches of water column)

Table 1E - GAS MONITORING		
BLOWER OUTLET** (Point ID 852)	Semi-monthly (twice per month)	46382 Header Pressure (inches of water) 46388 Gas Temperature (^{0}F) 85544 % Carbon Dioxide 85547 % Methane 85550 % Oxygen 99098 Gas Flow Rate (cfm) 99848 Percent Gas Balance (by vol.) 98927 Gas Extracted, (total monthly volume in 1000 cu. ft./month)
FLARE** (Point ID 854)	Semi-monthly (twice per month)	99098 Gas Flow Rate (cfm)

** denotes the monitoring point is shared by both Sector 1 and Sector 2 landfills. The data can be submitted with either license number.

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
1300 W. Clairemont Ave.
Eau Claire WI 54701

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

November 14, 2016

Tracy Ipavec
Advanced Disposal - Seven Mile Creek Landfill
PO Box 12
Muskego WI 53150-0012

Subject: RE: Request to Abandon Supplemental Gas Extraction Point S2P8OC11

Dear Ms. Ipavec:

This letter is in response to your letter, dated November 9, 2016, requesting approval to abandon gas extraction well S2P8OC11 at the Advanced Disposal Services – Seven Mile Creek Landfill (ADS-SMCL).

According to your letter, this gas extraction well is watered out without an effective method of extracting the liquid and gas cannot effectively be extracted.

Based on the information provided, the Air Program concurs with your request to abandon gas extraction well S2P8OC11 at ADS-SMCL. ADS-SMCL shall provide a record to the Department of the dates and method(s) of abandonment for these wells within 30 days of abandonment.

If you have any questions regarding this letter or air quality issues, please contact John Tadelski at 715-461-0892 or john.tadelski@wisconsin.gov. If you have any questions regarding waste management, please contact Marty Herrick at 608-789-5518 or martin.herrick@wisconsin.gov.

Sincerely,

John Tadelski, EIT
Air Management Engineer

cc: Ashley Gray, WDNR Air (electronic)
Marty Herrick, WDNR WMM (electronic)
Randy Frank, ADS-Midwest (electronic)
Tim Curry, ADS-Midwest (electronic)
Kari Rabideau, ADS-Midwest (electronic)
Mike Niewind, ADS-Midwest (electronic)
Mark Vinall, ADS-SMCL (electronic)
Josh Malek, ADS-SMCL (electronic)
Tyler Field, Cornerstone Environmental (electronic)
Ben Hintz, Cornerstone Environmental (electronic)
Frank Perugini, ESC (electronic)
Jeffrey Hong, ADS (electronic)

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February 28, 2017

Mark Vinall, General Manager
Advanced Disposal Services Seven Mile Creek Landfill
8001 Olson Drive
Eau Claire, WI 54703

FID # 618045450
Eau Claire County
SW/Approvals

Subject: Revised Summary of Environmental Monitoring Requirements for the Advanced Disposal Services Seven Mile Creek Landfill Sector 2, License # 3097

Dear Mr. Vinall:

We have revised the Summary of Environmental Monitoring Requirements Tables 1A – 1E, which replaces the summary tables contained in the October 27, 2016, Modification of the Plan of Operation Approval for Seven Mile Creek Landfill (SMCL) Sector 2. Please include this letter in the written record for the landfill.

The lysimeter monitoring requirements in Table 1B have been revised. For monitoring liquid elevation at each lysimeter for semiannual events, report the liquid elevation data using the parameter code 4189, groundwater elevation, feet above mean sea level (msl). The department will transfer data previously reported under the parameter code 99423, leachate elevation to the parameter code 4189, groundwater elevation, msl.

The surface water monitoring requirements in Table 1C have been revised. The parameter description for nitrate (as nitrogen) incorrectly referred to collecting filtered samples. Samples for nitrate (as nitrogen) must be collected as *un*filtered similar to the other parameters for surface water monitoring.

The gas monitoring requirements in Table 1E have been revised. The department concurred with the request to change the frequency of leachate monitoring at the gas extraction wells from monthly to annually in an email dated April 11, 2016, to your consultant, Cornerstone Engineering Group, Inc.

The aforementioned revisions are reflected in the attached tables that summarized the environmental monitoring requirements for SMCL Sector 2. There are no changes made to the existing requirements to monitor groundwater, water supply wells, the leachate tank, or leachate head wells.

If you have questions regarding this letter, please contact Nathan Coller, Hydrogeologist at 715-635-4048, or nathan.coller@wi.gov by email.

Sincerely,

Jill Schoen

Jill Schoen, CHMM
Supervisor, Waste and Materials Management Program

cc: John Oswald, Cornerstone Engineering (email)
Marty Herrick, Waste Engineer/DNR, La Crosse (email)
Nathan Coller, DNR, Spooner (email)

Summary of Environmental Monitoring Requirements
ADS SEVEN MILE CREEK, SECTOR 2 LANDFILL – LICENSE # 3097
Tables 1A – 1E

Table 1A - GROUNDWATER MONITORING

Point Name (DNR Point ID)	**Frequency**	**Parameters**
DH-4R** (108) DH-18A (140) DH-18B (142) DH-22A (158) DH-22B (160) DH-32 (184) DH-33 (186) DH-33A (188) DH-34 (190) DH-35A (194) DH-36 (196) DH-39 (200) DH-39A (202) DH-40 (204) DH-41 (206) DH-43 (208) DH-43A (210) DH-45 (216) DH-46A (220) DH-47 (222) DH-47A (224) DH-48 (226) DH-49 (228) DH-49A (230) DH-52 (236) {DH-53} (238) And any others installed as needed.	Semi-Annually, (April and October)	00001 Odor 00002 Color 00003 Turbidity 00010 Temperature, Field (°C) 00094 Field Conductivity (umho/cm @ 25°C) 00400 pH, Field (standard units) 04189 Groundwater Elevation (ft. above MSL) 00941 Chloride, dissolved (mg/l) 22413 Hardness, Total, dissolved (mg/l) 39036 Alkalinity, Total, dissolved (mg/l)
	Annually (April)	VOCs listed in ch. NR 507, Appendix III, Wis. Adm. Code. Using an EPA SW-846 or s. NR 219.04, Wis. Adm. Code method that otherwise meets s. NR 507.17(4), Wis. Adm. Code
Subtitle-D wells: DH-18 (138) DH-22R (157) DH-35 (192) DH-46 (218)	Semi-Annually (April and October)	00001 Odor 00002 Color 00003 Turbidity 00010 Temperature, Field (°C) 00094 Field Conductivity (umho/cm @ 25°C) 00400 pH, Field (standard units) 04189 Groundwater Elevation (ft. above MSL) 00941 Chloride, dissolved (mg/l) 22413 Hardness, Total, dissolved (mg/l) 39036 Alkalinity, Total, dissolved (mg/l) VOCs listed in ch. NR 507, Appendix III, Wis. Adm. Code. Using an EPA SW-846 or s. NR 219.04, Wis. Adm. Code method that otherwise meets s. NR 507.17(4), Wis. Adm. Code

Well Name, Wisconsin Unique Well Number (DNR Point ID)	**Frequency**	**Parameters**
ADS Office Well, OH541 (356)** ADS Shop Well, WT191 (355) PW-2, Thompson Dahlby Residence, DK154 (362) PW-26, Steindl Residence, PY092 (386)	Semi-annually (April and October)	00010 Temperature, Field 00094 Field conductivity (@ 25°C) 00400 pH, Field 00410 Alkalinity, Total Unfiltered 00900 Hardness, Total Unfiltered 00940 Chloride, Total or Dissolved VOCs Using SDWA method 524.2

** denotes the monitoring point is shared by both Sector 1 and Sector 2 landfills. The data can be submitted with either license number.
{*DH-x*}=Monitoring point to be abandoned

Table 1B - LYSIMETER MONITORING

Point Name (DNR Point ID)	Frequency	Parameters
L-1A (400) L-2 (406) L-3 (408) L-4 (410)	Semi-annually (April and October)	00001 Odor 00002 Color 00003 Turbidity 00094 Field conductivity (@25°C) 00400 pH, Field 00410 Alkalinity, Total 00625 Total Kjeldahl Nitrogen 00900 Hardness, Total 00929 Sodium, Total 00940 Chloride, Total 00945 Sulfate, Total 04189 Groundwater Elevation (feet above MSL)
	Annually (April)	VOCs listed in ch. NR 507, Appendix III, Wis. Adm. Code. Using an EPA SW-846 or s. NR 219.04, Wis. Adm. Code method that otherwise meets s. NR 507.17(4), Wis. Adm. Code
	Monthly (reported semi-annually)	74064 Lysimeter Discharge in gallons 72002 Depth to Top of Groundwater in feet

Table 1C - SURFACE WATER MONITORING

Point Name (DNR Point ID)	Frequency	Parameter
Stream-1, upstream** (300) Stream-2, mid-stream** (302) Stream-3, downstream** (304) Note: Surface Water Elevation (Parameter Code 99520), is not required at Stream-2, mid-stream (DNR Point ID 302).	Semi-Annual (April, October)	00001 Odor 00002 Color 00003 Turbidity 00010 Temperature, Field 00094 Field conductivity (@ 25°C) 00299 Dissolved Oxygen 00400 pH, Field 00410 Alkalinity, Total Unfiltered 00620 Nitrate (NO_3-N), Unfiltered 00665 Total Phosphorous 00900 Hardness, Total Unfiltered 00940 Chloride, Total 74010 Total Iron 99520 Surface Water Elevation

** denotes the monitoring point is shared by both Sector 1 and Sector 2 landfills. The data can be submitted with either license number.

Table 1D - LEACHATE MONITORING		
Leachate Head Wells	**Frequency**	**Parameter**
1A, 2A, 3A, 4A, 4B, 5A, 5B, 6A, 6B, 7A, 7B, 8, 9, 10A, 10B, 11, 12, And any others installed as needed.	Monthly (submitted semi-annually)	00023 Leachate Head Elevation 00031 Depth (thickness) of Leachate
Leachate Collection	**Frequency**	**Parameter**
Sector 2 Leachate Tank, (DNR Point ID 425)	Monthly (submitted semi-annually)	00032 Volume of Leachate removed (volume pumped)
Sector 2 Leachate Tank, (DNR Point ID 425)	Semi-annually (April and October)	00001 Odor 00002 Color 00003 Turbidity 00094 Field conductivity (@ 25°C) 00150 Total Susp. Solids 00310 BOD_5 00400 Field pH 00410 Alkalinity, Total Unfiltered 00610 Ammonia Nitrogen, Total 00625 Total Kjeldahl Nitrogen 00900 Hardness, Total Unfiltered 00929 Sodium, Total Unfiltered 00945 Sulfate, Total Unfiltered 00940 Chloride, Total Unfiltered 01027 Cadmium, Total Unfiltered 01051 Lead, Total Unfiltered 01055 Manganese, Total Unfiltered 71900 Mercury, Total Unfiltered 74010 Total Iron VOCs listed in ch. NR 507, Appendix III, Wis. Adm. Code. Using an EPA SW-846 or s. NR 219.04, Wis. Adm. Code method that otherwise meets s. NR 507.17(4), Wis. Adm. Code 39516 PCB analysis (See 40CFR PART 761. 358)
	Annually (April)	SVOCs (All in ch. NR 507, Appendix IV)

Table 1E - GAS MONITORING

Gas Probes	**Frequency**	**Parameter**
GP-1, GP-2R, GP-3R, GP-4R, GP-5R, GP-6, GP-7, GP-8, GP-9, GP-12, GP-13, GP-14, GP-15 (GP-10 and GP-11 were not installed at the time of this approval.) And any others installed as needed.	Quarterly (January, April, July, October)	00007 Ground conditions (1=frozen, 2=wet, 3=dry) 00021 Ambient air temperature (^{0}F) 00025 Barometric pressure 46381 Pressure trend, barometric 85547 % Methane 85550 % Oxygen
Gas Extraction Wells	**Frequency**	**Parameter**
GEW-1, GEW-2, , GEW-3A, GEW-4, GEW-5A, GEW-6A, GEW-7A, GEW-8A, GEW-9A, GEW-10B, GEW-11B, GEW-12A, GEW-13, GEW-14A, GEW-15A, GEW-16A, GEW-17, GEW-18, GEW-19, GEW-20, GEW-21, GEW-22A, GEW-23A, GEW-24A, GEW-25A, GEW-26A, GEW-27A, GEW-28A, GEW-29B, GEW-30, GEW-31, GEW-32, GEW-33, GEW-34, GEW-35, GEW-36A, GEW-37, GEW-38, GEW-39, GEW-40A, GEW-41, GEW-42, GEW-43A, GEW-44, GEW-45, GEW-52, GEW-53, GEW-60, GEW-61A, GEW-62A, GEW-63, and GEW-64 And any others installed as needed.	Monthly (submitted semi-annually)	46385 Well Head Pressure (inches of water column) 46387 Valve Opening (% open) 46388 Gas Temperature (^{0}F) 85547 % Methane 85550 % Oxygen 85544 % Carbon Dioxide 99098 Gas Flow Rate (cfm) 99848 Percent Gas Balance (by vol.)
	Annually	00023 Leachate Head Elevation (ft. above MSL) 00031 Leachate, Depth of (thickness), in feet
Misc. Gas Monitoring	**Frequency**	**Parameter**
Blower Inlet, (Point ID 850)	Semi-monthly (twice per month)	46382 Header Pressure (inches of water column)
BLOWER OUTLET** (Point ID 852)	Semi-monthly (twice per month)	46382 Header Pressure (inches of water) 46388 Gas Temperature (^{0}F) 85544 % Carbon Dioxide 85547 % Methane 85550 % Oxygen 99098 Gas Flow Rate (cfm) 99848 Percent Gas Balance (by vol.) 98927 Gas Extracted, (total monthly volume in 1000 cu. ft./month)
FLARE** (Point ID 854)	Semi-monthly (twice per month)	99098 Gas Flow Rate (cfm)

** denotes the monitoring point is shared by both Sector 1 and Sector 2 landfills. The data can be submitted with either license number.

Appendix B

Gas Extraction System Monitoring Data

Appendix B
Tables

Table B-1: Gas Volume Summary
Table B-2: Downtime Summary

Table B-1
Gas Volume Summary

Advanced Disposal Services
Seven Mile Creek Landfill

Mon-Yr	DPC Flow Monthly Avg. (cfm) #	Flare Flow Monthly Avg. (cfm) #	Total System Flow Monthly Avg. (cfm) #	Flare Temperature (deg. F) #	Total DPC Gas Volume (ft.^{3}):	Total Flared Gas Volume (ft.^{3}):
Jan-16	300	1,431	1,627	920	8,692,740	63,477,018
Feb-16	399	1,245	1,638	913	16,396,606	51,995,815
Mar-16	479	1,123	1,544	880	18,775,616	50,044,810
Apr-16	NA	1,564	1,564	949	0	66,538,136
May-16	NA	1,481	1,481	935	0	65,923,143
Jun-16	388	1,445	1,552	924	4,622,462	62,405,438
Jul-16	479	1,252	1,699	897	19,975,591	55,870,643
Aug-16	514	1,146	1,657	876	22,832,856	51,136,558
Sep-16	387	1,260	1,644	907	16,594,634	54,418,693
Oct-16	333	1,420	1,601	919	8,063,564	63,058,827
Nov-16	319	1,431	1,623	920	8,265,117	61,920,049
Dec-16	315	1,341	1,638	944	12,926,410	58,531,937
Avg:	391	1,345	1,606	915	--	--
					2016 Total DPC Gas Volume (ft3):	**137,145,597**
					2016 Total Flared Gas Volume (ft3):	**705,321,068**

Note:
Gas volumes were obtained from the monthly scada data reports prepared by ESC. The average monthly flows were calculated based on the flow data provided in the monthly scada reports.
- The flows and flare temperatures represent monthly averages during operation.
NA - Not applicable. DPC did not operate during the month and an average flow during operation could not be obtained.

Checked By: IP
Date: 01/09/17

Table B-2
Downtime Summary

Advanced Disposal Services
Seven Mile Creek Landfill

Date/Time Start Downtime	Date/Time End Downtime	Total Hours	Cause of Downtime
1/30/2016 10:15	1/30/2016 14:45	4.50	Power outage
	January Downtime:	**4.50**	
2/6/2016 14:31	2/6/2016 14:45	0.23	Power outage
2/29/2016 7:15	2/29/2016 7:30	0.25	Power outage
	February Downtime:	**0.48**	
		0.00	No downtime.
	March Downtime:	**0.00**	
4/8/2016 8:30	4/8/2016 17:00	8.50	Manual shutdown to repair pipe in dripleg manhole.
4/12/2016 15:45	4/12/2016 17:45	2.00	The gas extraction system shut down during the installation of new valves; the decrease in flow due to closed valves resulted in a flame out. During the downtime, a compactor damaged a header pipe, which was repaired before the system was restarted.
4/29/2016 9:15	4/29/2016 10:30	1.25	Manual shutdown to clean dripleg pipe and install loaner flow meters.
	April Downtime:	**11.75**	
5/2/2016 13:15	5/2/2016 15:30	2.25	Manual shutdown to check for blockage in the dripleg or header.
	May Downtime:	**2.25**	
6/1/2016 5:00	6/1/2016 5:15	0.25	System shutdown - unknown cause. Possible power surge. Blower/flare restarted automatically.
	June Downtime:	**0.25**	
		0.00	No downtime.
	July Downtime:	**0.00**	
8/18/2016 8:46	8/18/2016 9:00	0.23	System shutdown and automatic restart likely due to a brief power outage or power surge.
	August Downtime:	**0.23**	
		0.00	No downtime.
	September Downtime:	**0.00**	
10/31/2016 4:15	10/31/2016 8:00	3.75	Power outage. System restarted automatically after power was restored.
	October Downtime:	**3.75**	
		0.00	No downtime.
	November Downtime:	**0.00**	
12/19/2016 2:30	12/19/2016 10:30	8.00	System shutdown due to empty nitrogen tank. Replaced tank and restarted gas extraction system.
12/19/2016 13:45	12/19/2016 15:45	2.00	System shutdown due to a leachate high level alarm resulting from a frozen leachate force main.
12/20/2016 8:45	12/20/2016 15:45	7.00	System shutdown due to a leachate high level alarm resulting from a frozen leachate force main.
	December Downtime:	**17.00**	
	Total Downtime Jan-Dec (Hr.):	**40.22**	
	Operating Efficiency (%):	**99.5**	

Attachment B-1

Gas Extraction Report

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
Calibration														
SMCALCH4	SMCALCH4	1/4/2016 10:38		49.9	35	0	15.1	-0.03	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	1/4/2016 10:41		0	0	3.9	96.1	0	32	0	0	---	---	,,,,,,,
CALCH415	CALCH415	1/4/2016 11:04		15	14.9	0	70.1	---	---	---	---	---	---	,,,,,,,
CALO2-04	CALO2-04	1/4/2016 11:06		0	0	4	96	---	---	---	---	---	---	,,,,,,,
SMCALCH4	SMCALCH4	1/15/2016 14:16		50.1	35	0	14.9	-0.02	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	1/15/2016 14:19		0	0	3.9	96.1	-0.03	38	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	1/28/2016 7:34		50.1	35	0	14.9	0	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	1/28/2016 7:37		0	0	3.9	96.1	-0.01	42	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	1/28/2016 11:49		50	35	0	15	0	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	1/28/2016 11:52		0	0.1	3.9	96	0	---	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	1/29/2016 6:59		50.1	35.1	0	14.8	-0.03	46	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	1/29/2016 7:01		0	0.1	4	95.9	-0.03	45	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	2/9/2016 10:53		50.1	35.1	0	14.8	0.01	---	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	2/9/2016 10:53		50.1	35.1	0	14.8	0.01	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	2/9/2016 10:57		0	0	3.9	96.1	0	41	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	2/10/2016 10:02		50.1	34.9	0	15	0	68	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	2/10/2016 10:04		0	0	3.9	96.1	-0.01	39	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	2/11/2016 9:23		50	35	0	15	-0.04	49	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	2/11/2016 9:25		0	0	3.9	96.1	0.05	---	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	2/11/2016 12:47		50.2	35.1	0	14.7	-0.04	24	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	2/11/2016 12:48		0	0.1	4	95.9	0.02	27	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	2/12/2016 7:43		49.9	35	0	15.1	0.02	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	2/12/2016 7:46		0	0	3.9	96.1	0.03	7	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	2/19/2016 9:25		50	34.9	0	15.1	0.01	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	2/19/2016 9:28		0	0.1	3.9	96	0	67	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	2/29/2016 12:27		50	35	0	15	0	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	2/29/2016 12:30		0	0	3.9	96.1	0.01	---	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	3/14/2016 15:31		49.9	34.8	0	15.3	0.02	69	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	3/14/2016 15:34		0	0.1	4	95.9	0.01	69	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	3/22/2016 15:31		50	35	0	15	0	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	3/22/2016 15:34		0	0	3.9	96.1	0	69	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	3/22/2016 15:35		0	0	3.9	96.1	0	69	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	3/23/2016 7:05		50.2	35	0	14.8	0.05	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	3/23/2016 7:09		0	0	3.8	96.2	-0.02	33	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	3/24/2016 15:32		50	34.9	0	15.1	0.01	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	3/24/2016 15:34		0	0	3.9	96.1	0.02	50	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	3/25/2016 12:43		50.1	34.9	0	15	-0.01	---	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	3/25/2016 12:43		50.1	34.9	0	15	-0.01	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	3/25/2016 12:46		0	0	3.9	96.1	-0.01	51	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	3/28/2016 15:03		50.2	35	0	14.8	0.07	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	3/28/2016 15:05		0	0	3.9	96.1	0.07	73	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	3/29/2016 4:30		50.1	35	0	14.9	0	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	3/29/2016 4:33		0	0	3.9	96.1	0.01	66	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	3/29/2016 9:24		50	35	0	15	0.01	57	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	3/29/2016 9:25		0	0	4	96	-0.02	56	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	3/29/2016 12:32		50	34.9	0	15.1	0.01	70	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	3/29/2016 12:33		0	0	4	96	-0.01	71	0	89	---	---	,,,,,,,
SMCALCH4	SMCALCH4	3/30/2016 6:29		50	35.1	0	14.9	0.02	49	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	3/30/2016 6:31		0	0	4	96	-0.03	45	0	0	---	---	,,,,,,,
CALCH415	CALCH415	4/4/2016 12:44		15	15.1	0	69.9	---	---	---	---	---	---	,,,,,,,
CALO2-04	CALO2-04	4/4/2016 12:46		0	0	3.9	96.1	---	---	---	---	---	---	,,,,,,,
SMCALCH4	SMCALCH4	4/5/2016 10:37		50.1	34.9	0	15	0.02	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	4/5/2016 10:40		0	0	3.9	96.1	0	44	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	4/6/2016 15:14		50	34.9	0	15.1	-0.01	59	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	4/6/2016 15:16		0	0	4	96	0	59	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	4/7/2016 8:00		50.1	35	0	14.9	-0.02	52	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	4/7/2016 8:02		0	0	4	96	-0.02	44	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	4/7/2016 12:00		50.1	35	0	14.9	0.01	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	4/7/2016 12:03		0	0	3.9	96.1	-0.02	37	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	4/9/2016 12:13		50.1	35	0	14.9	0	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	4/9/2016 12:15		0	0	3.8	96.2	0	73	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	4/19/2016 14:20		50.2	35	0	14.8	0.01	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	4/19/2016 14:22		0	0	3.9	96.1	0.01	54	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	4/22/2016 10:46		50	34.9	0	15.1	0	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	4/22/2016 10:48		0	0	4	96	-0.01	61	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	4/29/2016 13:52		50	35	0	15	0	55	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	4/29/2016 13:54		0	0	3.9	96.1	0	55	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	5/3/2016 8:03		49.9	34.9	0	15.2	0	49	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	5/3/2016 8:06		0	0	4	96	0	49	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	5/4/2016 9:19		50	35	0	15	0.02	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	5/4/2016 9:21		0	0	4	96	0	73	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	5/6/2016 13:28		50.1	35	0	14.9	0	101	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	5/6/2016 13:29		0	0	4	96	0	101	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	5/19/2016 7:59		50	34.9	0	15.1	0	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	5/19/2016 8:02		0	0	3.9	96.1	0	61	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	5/23/2016 13:16		50	35	0	15	-0.01	84	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	5/23/2016 13:18		0	0	4	96	0	83	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	5/24/2016 10:29		50	35	0	15	0	83	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	5/24/2016 10:30		0	0	3.9	96.1	0	83	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	5/24/2016 13:34		50	35	0	15	0	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	5/24/2016 13:36		0	0	3.9	96.1	-0.02	87	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	5/25/2016 7:47		49.9	35	0	15.1	0	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	5/25/2016 7:50		0	0	3.9	96.1	0	69	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	5/26/2016 12:59		50	35.1	0	14.9	0	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	5/26/2016 13:01		0	0	3.9	96.1	0	77	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	6/6/2016 9:57		50	35	0	15	0	66	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	6/6/2016 9:57		50	35	0	15	0	66	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	6/6/2016 9:59		0	0	4	96	0	62	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	6/7/2016 7:00		50	35.1	0	14.9	0.01	60	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	6/7/2016 7:01		0	0	4.1	95.9	0	58	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	6/20/2016 11:18		49.9	35	0	15.1	1	87	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	6/20/2016 11:20		0	0	4	96	0.75	87	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	6/27/2016 7:14		50	35	0	15	0	68	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	6/27/2016 7:16		0	0	4	96	0	68	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	6/27/2016 11:43		50.1	34.9	0	15	0	77	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	6/27/2016 11:45		0	0	4	96	0	76	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	7/11/2016 10:24		49.8	35	0	15.2	0	78	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	7/11/2016 10:24		49.8	35	0	15.2	0	78	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	7/11/2016 10:34		0	0	3.9	96.1	0	86	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	7/18/2016 7:36		50	35	0.1	14.9	0.01	66	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	7/18/2016 7:42		0.1	0	3.9	96	-0.02	69	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	7/20/2016 7:16		50.1	35	0	14.9	0	0	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	7/20/2016 7:21		0	0	3.9	96.1	0	0	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	7/20/2016 7:21		0	0	3.9	96.1	0	0	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	7/21/2016 7:40		50	34.9	0	15.1	0.01	0	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	7/21/2016 7:43		0	0	3.9	96.1	0.01	0	0	0	---	---	,,,,,,,
CALCH415	CALCH415	7/22/2016 9:42		14.9	14.9	0	70.2	---	---	---	---	---	---	,,,,,,,
CALCH415	CALCH415	7/22/2016 9:42		14.9	14.9	0	70.2	---	---	---	---	---	---	,,,,,,,
CALO2-04	CALO2-04	7/22/2016 9:44		0	0	3.9	96.1	---	---	---	---	---	---	,,,,,,,
CALO2-04	CALO2-04	7/22/2016 9:44		0	0	3.9	96.1	---	---	---	---	---	---	,,,,,,,
SMCALCH4	SMCALCH4	7/25/2016 9:28		50.1	35	0	14.9	0.03	---	0	-50.5	---	---	,,,,,,,
SM-CALO2	SM-CALO2	7/25/2016 9:34		0	0	3.2	96.8	-0.01	80	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	8/3/2016 7:13		50	35	0	15	0	0	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	8/3/2016 7:16		0	0	3.9	96.1	0	0	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	8/4/2016 7:31		50	35	0	15	-0.08	0	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	8/4/2016 7:34		0	0.1	4	95.9	0	0	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	8/4/2016 7:34		0	0.1	4	95.9	0	0	0	0	---	---	,,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SMCALCH4	SMCALCH4	8/12/2016 14:36		49.8	34.8	0	15.4	-0.02	84	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	8/18/2016 10:25		49.9	35.1	0	15	0	98	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	8/18/2016 10:29		0	0	3.9	96.1	---	106	0	178.5	---	---	,,,,,,,
SMCALCH4	SMCALCH4	8/26/2016 15:21		50.1	35	0	14.9	---	---	0	178.1	---	---	,,,,,,,
SM-CALO2	SM-CALO2	8/26/2016 15:25		0	0	3.9	96.1	0.01	73	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	9/2/2016 11:37		50	35	0.1	14.9	---	---	0	165.2	---	---	,,,,,,,
SMCALCH4	SMCALCH4	9/2/2016 11:37		50	35	0.1	14.9	---	---	0	165.2	---	---	,,,,,,,
SM-CALO2	SM-CALO2	9/2/2016 11:41		0	0	3.9	96.1	0.01	89	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	9/9/2016 12:46		50	35	0	15	0.08	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	9/9/2016 12:49		0.1	0	3.9	96	-0.36	73	0	0.4	---	---	,,,,,,,
SMCALCH4	SMCALCH4	9/14/2016 11:40		50	35	0	15	-0.16	0	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	9/14/2016 11:43		0	0	3.9	96.1	-0.14	0	0	0.1	---	---	,,,,,,,
SMCALCH4	SMCALCH4	9/14/2016 11:48		50	35	0	15	0.13	0	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	9/14/2016 11:51		0	0	4	96	0.13	0	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	9/15/2016 7:35		0	0	4	96	-0.07	0	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	9/15/2016 7:40		50	34.9	0	15.1	0.06	0	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	9/23/2016 10:05		49.8	34.9	0	15.3	0.05	0	0	0	0	---	,,,,,,,
SM-CALO2	SM-CALO2	9/23/2016 10:07		0	0.1	3.9	96	-0.01	0	0	0	0.01	---	,,,,,,,
SMCALCH4	SMCALCH4	9/23/2016 10:30		50	35	0	15	0.1	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	9/23/2016 10:34		0.1	0	3.9	96	-0.43	65	0	0.3	---	---	,,,,,,,
SM-CALO2	SM-CALO2	9/27/2016 10:01		0	0	4	96	0.78	0	0	-0.2	---	---	,,,,,,,
SMCALCH4	SMCALCH4	9/27/2016 10:09		50	35	0	15	-0.26	0	0	0.4	---	---	,,,,,,,
SMCALCH4	SMCALCH4	10/7/2016 8:46		50	35	0	15	0.11	0	0	-0.1	---	---	,,,,,,,
SM-CALO2	SM-CALO2	10/7/2016 8:53		0	0	4	96	-0.27	0	0	0.2	---	---	,,,,,,,
SM-CALO2	SM-CALO2	10/7/2016 8:53		0	0	4	96	-0.27	0	0	0.2	---	---	,,,,,,,
SM-CALO2	SM-CALO2	10/14/2016 10:43		0.1	0	4	95.9	-4.08	0	0	4.8	---	---	,,,,,,,
SMCALCH4	SMCALCH4	10/14/2016 10:45		49.9	34.8	0	15.3	-1.64	0	0	1	---	---	,,,,,,,
CALCH415	CALCH415	10/19/2016 7:55		15	15	0.8	69.2	---	---	---	---	---	---	,,,,,,,
CALO2-04	CALO2-04	10/19/2016 7:58		0.1	0	3.9	96	---	---	---	---	---	---	,,,,,,,
CALO2-04	CALO2-04	10/19/2016 8:48		0	0	3.9	96.1	---	---	---	---	---	---	,,,,,,,
CALCH415	CALCH415	10/19/2016 8:49		15.2	15	0	69.8	---	---	---	---	---	---	,,,,,,,
SM-CALO2	SM-CALO2	10/20/2016 9:01		0.1	0.2	4	95.7	0	0	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	10/26/2016 11:55		50	34.9	0	15.1	---	41	0	15.2	---	---	,,,,,,,
SM-CALO2	SM-CALO2	10/26/2016 11:57		0.1	0	3.9	96	-1.51	41	0	1.6	---	---	,,,,,,,
SM-CALO2	SM-CALO2	10/26/2016 11:57		0.1	0	3.9	96	-1.51	41	0	1.6	---	---	,,,,,,,
SMCALCH4	SMCALCH4	10/27/2016 7:03		49.8	35	0	15.2	-4.3	54	0	4.4	---	---	,,,,,,,
SM-CALO2	SM-CALO2	10/27/2016 7:04		0.2	0	3.9	95.9	0.07	55	0	0.1	---	---	,,,,,,,
SMCALCH4	SMCALCH4	11/2/2016 10:14		49.7	34.8	0.1	15.4	-0.01	1	---	0	-0.01	---	,,,,,,,
SM-CALO2	SM-CALO2	11/2/2016 10:17		0	0	4	96	-0.01	1	---	0	0	---	,,,,,,,
SMCALCH4	SMCALCH4	11/2/2016 10:19		50	34.9	0	15.1	-0.01	0	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	11/2/2016 10:22		0	0	4	96	---	0	0	189.3	---	---	,,,,,,,
SM-CALO2	SM-CALO2	11/4/2016 10:39		0	0	3.9	96.1	0.03	54	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	11/4/2016 10:39		0	0	3.9	96.1	0.03	54	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	11/7/2016 14:42		50	34.9	0.4	14.7	0.03	0	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	11/7/2016 14:48		0	0	4	96	0.03	0	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	11/16/2016 14:29		50	35	0.2	14.8	0.18	0	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	11/16/2016 14:37		0	0	3.9	96.1	-0.2	0	0	0.2	---	---	,,,,,,,
SMCALCH4	SMCALCH4	11/21/2016 13:59		50.1	34.9	0	15	0.03	---	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	11/21/2016 14:05		0	0	3.9	96.1	0.01	60	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	11/22/2016 8:44		50	34.9	0	15.1	0.02	33	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	11/22/2016 8:47		0	0	4	96	-0.87	33	0	0.7	---	---	,,,,,,,
SM-CALO2	SM-CALO2	11/22/2016 8:47		0	0	4	96	-0.87	33	0	0.7	---	---	,,,,,,,
SMCALCH4	SMCALCH4	12/15/2016 8:32		50	35	0	15	-0.01	0	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	12/15/2016 8:36		0	0	3.9	96.1	-0.02	0	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	12/16/2016 8:42		50	35	0	15	0	0	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	12/16/2016 8:46		0	0	3.9	96.1	0.01	0	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	12/21/2016 13:10		50	35	0	15	0	0	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	12/21/2016 13:19		0	0	4	96	0	0	0	0	---	---	,,,,,,,
SMCALCH4	SMCALCH4	12/22/2016 9:13		50	35	0	15	0.08	0	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	12/22/2016 9:18		0	0	3.9	96.1	0	0	0	0	---	---	,,,,,,,
SM-CALO2	SM-CALO2	12/29/2016 15:47		0	0	4	96	-4.88	0	0	0	---	---	,,,,,,,
Flare														
IN-FLARE	IN-FLARE	1/4/2016 10:44		44	32.4	2.5	21.1	---	49	---	-68.1	-68.58	---	,,,,,,,
OUTFLARE	OUTFLARE	1/4/2016 10:46		47.4	34.9	1.2	16.5	-5.33	97	---	5.2	5.14	---	,,,,,,,
IN-FLARE	IN-FLARE	1/15/2016 14:22		46.9	34.6	2.1	16.4	---	48	---	-66	-66.38	---	No change,,,,,,,
OUTFLARE	OUTFLARE	1/15/2016 14:24		49.3	36.1	1	13.6	-4.51	95	---	4.6	5.15	---	No change,,,,,,,
IN-FLARE	IN-FLARE	1/28/2016 7:39		47.6	34.8	1.5	16.1	---	46	---	-65.9	-66.13	---	No change,,,,,,,
OUTFLARE	OUTFLARE	1/28/2016 7:42		48.9	35.7	0.7	14.7	-5.05	94	---	5	5.42	---	No change,,,,,,,
IN-FLARE	IN-FLARE	1/28/2016 16:08		49	35.9	0.5	14.6	---	46	---	-67.3	-66.98	---	No change,,,,,,,
OUTFLARE	OUTFLARE	1/28/2016 16:10		50.3	36.7	0.3	12.7	-4.78	94	---	4.9	5.19	---	No change,,,,,,,
IN-FLARE	IN-FLARE	2/9/2016 11:16		46.1	34.4	1.8	17.7	---	45	---	-67.5	-67.5	---	No change,,,,,,,
OUTFLARE	OUTFLARE	2/9/2016 11:19		48.2	35.8	0.6	15.4	-5.11	94	---	5	5.43	---	No change,,,,,,,
IN-FLARE	IN-FLARE	2/9/2016 15:04		46.5	35.3	0.4	17.8	---	45	---	-67.9	-67.78	---	No change,,,,,,,
OUTFLARE	OUTFLARE	2/9/2016 15:06		48.3	36	0.2	15.5	-5.18	94	---	5	5.05	---	No change,,,,,,,
IN-FLARE	IN-FLARE	2/10/2016 10:07		46.4	33.8	1.8	18	---	44	---	-68.3	-68.51	---	No change,,,,,,,
OUTFLARE	OUTFLARE	2/10/2016 10:08		48.8	35.3	0.7	15.2	-4.67	93	---	4.4	4.69	---	No change,,,,,,,
IN-FLARE	IN-FLARE	2/11/2016 9:29		43.7	32.5	2.8	21	---	44	---	-70.3	-70.45	---	No change,,,,,,,
OUTFLARE	OUTFLARE	2/11/2016 9:31		46.6	34.4	1.3	17.7	-3.83	94	---	3.6	3.76	---	No change,,,,,,,
IN-FLARE	IN-FLARE	2/11/2016 15:45		45.5	34.6	1.6	18.3	---	45	---	-69.5	-69.72	---	No change,,,,,,,
OUTFLARE	OUTFLARE	2/11/2016 15:47		47.6	36	0.3	16.1	-4.24	94	---	4.1	4	---	No change,,,,,,,
IN-FLARE	IN-FLARE	2/12/2016 7:50		45.7	33.2	2.2	18.9	---	43	---	-69.6	-70.07	---	No change,,,,,,,
OUTFLARE	OUTFLARE	2/12/2016 7:52		48.1	34.8	1	16.1	-4.03	93	---	4.1	3.78	---	No change,,,,,,,
IN-FLARE	IN-FLARE	2/12/2016 10:04		49.2	36.1	0.8	13.9	---	43	---	-70	-70.19	---	No change,,,,,,,
OUTFLARE	OUTFLARE	2/12/2016 10:08		48.6	35.7	0.7	15	-32.28	94	---	3.9	3.87	---	No change,,,,,,,
IN-FLARE	IN-FLARE	2/19/2016 9:31		49.5	36.2	0.4	13.9	---	45	---	-66.2	-66.06	---	No change,,,,,,,
OUTFLARE	OUTFLARE	2/19/2016 9:32		50.6	37	0	12.4	-4.79	93	---	4.7	4.96	---	No change,,,,,,,
IN-FLARE	IN-FLARE	2/29/2016 12:33		44.1	33.3	2.5	20.1	---	45	---	-69	-68.96	---	No change,,,,,,,
OUTFLARE	OUTFLARE	2/29/2016 12:36		46.1	34.7	1.3	17.9	-4.26	95	---	4.3	4.33	---	No change,,,,,,,
IN-FLARE	IN-FLARE	3/14/2016 15:48		45.6	35	1.3	18.1	---	47	---	-67.6	-67.7	---	No change,,,,,,,
OUTFLARE	OUTFLARE	3/14/2016 15:49		47.1	35.8	0.5	16.6	-4.61	97	---	4.7	4.7	---	No change,,,,,,,
IN-FLARE	IN-FLARE	3/23/2016 7:41		46.7	34.3	1.4	17.6	---	45	---	-64.7	-64.75	---	No change,,,,,,,
OUTFLARE	OUTFLARE	3/23/2016 7:44		48.4	35.4	0.5	15.7	-9.83	99	---	9.7	9.82	---	No change,,,,,,,
IN-FLARE	IN-FLARE	3/25/2016 12:49		48.8	35.1	1.1	15	---	49	---	-65.6	-65.54	---	No change,,,,,,,
OUTFLARE	OUTFLARE	3/25/2016 12:51		50.5	36.3	0.3	12.9	-8.28	98	---	8.3	8.2	---	No change,,,,,,,
OUTFLARE	OUTFLARE	3/29/2016 4:41		51	36.1	0.8	12.1	-12.3	96	---	12.5	13.11	---	No change,,,,,,,
IN-FLARE	IN-FLARE	3/29/2016 15:52		51.2	36.5	0.1	12.2	---	64	---	-61.5	-61.51	---	No change,,,,,,,
OUTFLARE	OUTFLARE	3/29/2016 15:54		50.5	36	0.1	13.4	-3.86	102	---	4	3.8	---	No change,,,,,,,
IN-FLARE	IN-FLARE	3/30/2016 6:33		53.4	37	0	9.6	---	56	---	-67.9	-67.92	---	No change,,,,,,,
OUTFLARE	OUTFLARE	3/30/2016 6:34		53.1	37.1	0	9.8	-4.2	94	---	4.2	4.33	---	No change,,,,,,,
IN-FLARE	IN-FLARE	3/30/2016 14:00		53.9	37.9	0	8.2	---	51	---	-66.8	-67	---	No change,,,,,,,
OUTFLARE	OUTFLARE	3/30/2016 14:01		53.5	37.4	0	9.1	-4.67	94	---	4.5	4.59	---	No change,,,,,,,
IN-FLARE	IN-FLARE	4/5/2016 10:45		48	34.8	0.7	16.5	---	55	---	-70.7	-70.72	---	No change,,,,,,,
OUTFLARE	OUTFLARE	4/5/2016 10:46		47.4	34.5	0.8	17.3	-3.18	99	---	3.2	3.26	---	No change,,,,,,,
IN-FLARE	IN-FLARE	4/7/2016 8:17		50.5	35.6	0.9	13	---	60	---	-67.8	-67.9	---	No change,,,,,,,
OUTFLARE	OUTFLARE	4/7/2016 8:18		50.1	35.6	0.8	13.5	-4.33	94	---	4.6	4.65	---	No change,Valve completely closed,,,,,,
IN-FLARE	IN-FLARE	4/7/2016 16:41		52.4	36	0	11.6	---	55	---	-68	-68.01	---	No change,,,,,,,
OUTFLARE	OUTFLARE	4/7/2016 16:43		51.9	35.8	0	12.3	-4.42	96	---	4.4	4.38	---	No change,,,,,,,
IN-FLARE	IN-FLARE	4/19/2016 14:27		44.3	32	3.4	20.3	---	65	---	-66.9	-67.51	---	No change,,,,,,,
OUTFLARE	OUTFLARE	4/19/2016 14:28		44.2	31.9	3.4	20.5	-5.8	98	---	4.7	5.62	---	No change,,,,,,,
OUTFLARE	OUTFLARE	4/21/2016 7:40		33.8	30.5	1.2	34.5	-2.76	91	---	2.6	---	---	,,,,,,,
IN-FLARE	IN-FLARE	4/22/2016 10:50		43.2	31.4	4.2	21.2	---	61	---	-67.2	-66.79	---	No change,,,,,,,
OUTFLARE	OUTFLARE	4/22/2016 10:52		43	31.3	4.3	21.4	-5.69	99	---	5.6	4.83	---	No change,,,,,,,
OUTFLARE	OUTFLARE	4/29/2016 13:59		44.6	32.3	3.8	19.3	-5.7	95	---	5.7	5.85	---	No change,,,,,,,
IN-FLARE	IN-FLARE	5/3/2016 9:12		45.4	32.5	3.6	18.5	---	60	---	-65.6	-65.06	---	No change,,,,,,,
OUTFLARE	OUTFLARE	5/3/2016 9:14		45	32.3	3.7	19	-5.65	100	---	5.6	5.78	---	No change,,,,,,,
IN-FLARE	IN-FLARE	5/6/2016 13:33		51.8	37.3	0.5	10.4	---	81	---	-66.3	-66.13	---	No change,,,,,,,
OUTFLARE	OUTFLARE	5/6/2016 13:34		51.6	37.2	0.6	10.6	-4.62	105	---	4.7	4.71	---	No change,,,,,,,
IN-FLARE	IN-FLARE	5/19/2016 8:04		50.4	36.4	0.9	12.3	---	66	---	-67.7	-67.71	---	No change,,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
OUTFLARE	OUTFLARE	5/19/2016 8:06		50.1	36.1	0.9	12.9	-4.84	103	---	4.6	4.67	---	No change,,,,,,,
IN-FLARE	IN-FLARE	5/23/2016 13:21		51.1	36.8	0.8	11.3	---	85	---	-65.7	-65.77	---	No change,,,,,,,
OUTFLARE	OUTFLARE	5/23/2016 13:22		51	36.8	0.8	11.4	-4.95	107	---	4.8	4.85	---	No change,,,,,,,
IN-FLARE	IN-FLARE	5/23/2016 16:17		51	37.1	0.4	11.5	---	72	---	-65.5	-65.58	---	No change,,,,,,,
OUTFLARE	OUTFLARE	5/23/2016 16:19		50.7	36.8	0.5	12	-4.75	106	---	4.9	4.98	---	No change,,,,,,,
IN-FLARE	IN-FLARE	5/24/2016 10:33		50.6	36.1	1.1	12.2	---	82	---	-66.3	-66.42	---	No change,,,,,,,
IN-FLARE	IN-FLARE	5/24/2016 10:34		50.6	36.1	1.1	12.2	---	82	---	-66.3	-66.31	---	No change,,,,,,,
OUTFLARE	OUTFLARE	5/24/2016 10:36		50.4	36.5	0.9	12.2	-4.61	106	---	4.6	4.59	---	No change,,,,,,,
IN-FLARE	IN-FLARE	5/24/2016 16:35		50	36.1	0.8	13.1	---	94	---	-65.2	-65.34	---	No change,,,,,,,
OUTFLARE	OUTFLARE	5/24/2016 16:36		49.7	36	0.7	13.6	-5.03	108	---	5.1	5.23	---	No change,,,,,,,
IN-FLARE	IN-FLARE	6/6/2016 10:04		51.1	37.4	0.9	10.6	---	62	---	-65.5	-65.52	---	No change,,,,,,,
OUTFLARE	OUTFLARE	6/6/2016 10:06		52.1	38.1	0.5	9.3	-4.84	107	---	4.9	4.74	---	No change,,,,,,,
IN-FLARE	IN-FLARE	6/20/2016 11:24		49.8	36.6	1	12.6	---	70	---	-64.7	-64.97	---	,,,,,,,
OUTFLARE	OUTFLARE	6/20/2016 11:27		50.7	36.8	1.1	11.4	14.97	115	262	5.3	5.47	---	,,,,,,,
IN-FLARE	IN-FLARE	6/20/2016 13:37		52.3	37.1	1.1	9.5	---	73	---	-64.4	-64.48	---	No change,,,,,,,
OUTFLARE	OUTFLARE	6/20/2016 13:38		52.1	37	1.2	9.7	21.4	116	315	5.4	5.44	---	No change,,,,,,,
IN-FLARE	IN-FLARE	6/27/2016 7:18		46.8	36.2	1.1	15.9	---	69	---	-66.2	-66.17	---	No change,,,,,,,
OUTFLARE	OUTFLARE	6/27/2016 7:20		46.9	36.3	0.9	15.9	-3.97	114	---	3.9	3.6	---	No change,,,,,,,
OUTFLARE	OUTFLARE	6/27/2016 7:20		46.9	36.3	0.9	15.9	-3.97	114	---	3.9	3.55	---	No change,,,,,,,
IN-FLARE	IN-FLARE	6/27/2016 15:12		50.2	37.3	0.3	12.2	---	70	---	-65.4	-65.65	---	No change,,,,,,,
OUTFLARE	OUTFLARE	6/27/2016 15:14		50.2	36.6	0.5	12.7	-3.8	114	---	3.7	3.67	---	No change,,,,,,,
IN-FLARE	IN-FLARE	7/11/2016 10:45		49.2	34	1.8	15	---	70	---	-66.2	0	---	,,,,,,,
OUTFLARE	OUTFLARE	7/11/2016 10:49		50.3	34.5	1.1	14.1	-2.29	115	---	2.5	2.59	---	,,,,,,,
OUTFLARE	OUTFLARE	7/18/2016 7:48		47.6	35.3	2.3	14.8	-4.6	116	---	4.5	0	---	,,,,,,,
IN-FLARE	IN-FLARE	7/18/2016 7:51		43.5	32.6	3.7	20.2	0.02	71	9	0	0	---	,,,,,,,
IN-FLARE	IN-FLARE	7/20/2016 7:49		47.6	35.2	2.4	14.8	---	64	---	-65.8	-66.14	---	,,,,,,,
OUTFLARE	OUTFLARE	7/20/2016 7:52		48.2	35.6	1.8	14.4	-3.18	114	---	3.1	3.01	---	,,,,,,,
IN-FLARE	IN-FLARE	7/21/2016 7:51		49.7	36	1.4	12.9	---	61	---	-66.7	-66.87	---	,,,,,,,
OUTFLARE	OUTFLARE	7/21/2016 7:53		50.2	36.4	1.2	12.2	-2.64	115	---	2.6	2.54	---	,,,,,,,
IN-FLARE	IN-FLARE	7/21/2016 10:28		49.6	36.1	1.5	12.8	---	62	---	-66.1	-66.27	---	,,,,,,,
OUTFLARE	OUTFLARE	7/21/2016 10:30		50.2	36.6	1.2	12	-2.88	113	---	2.7	2.77	---	,,,,,,,
IN-FLARE	IN-FLARE	7/25/2016 10:13		49.6	35.3	1.4	13.7	---	72	---	0	66.1	---	,,,,,,,
OUTFLARE	OUTFLARE	7/25/2016 10:15		50.6	35.7	1.5	12.2	2.82	116	109	-2.1	-2.14	---	,,,,,,,
IN-FLARE	IN-FLARE	8/3/2016 7:28		49.5	36.3	1.2	13	---	62	---	-66.4	-66.28	---	,,,,,,,
OUTFLARE	OUTFLARE	8/3/2016 7:30		50.1	36.5	1	12.4	-2.71	114	---	2.7	2.67	---	,,,,,,,
OUTFLARE	OUTFLARE	8/3/2016 16:31		50.2	36.5	0.9	12.4	-2.56	118	---	2.6	2.65	---	,,,,,,,
IN-FLARE	IN-FLARE	8/4/2016 8:15		50.6	36.8	0.9	11.7	---	63	---	-66.7	-66.83	---	,,,,,,,
OUTFLARE	OUTFLARE	8/4/2016 8:18		50.6	36.9	0.8	11.7	-2.72	117	---	2.5	2.77	---	,,,,,,,
IN-FLARE	IN-FLARE	8/12/2016 14:45		53.2	37.7	0.8	8.3	---	73	---	-66.6	-66.69	---	,,,,,,,
OUTFLARE	OUTFLARE	8/12/2016 14:48		53.6	37.9	0.8	7.7	0.24	118	31	0.2	-2.23	---	,,,,,,,
IN-FLARE	IN-FLARE	8/18/2016 10:37		53.3	37.4	1	8.3	---	74	---	-65.8	0.05	---	,,,,,,,
OUTFLARE	OUTFLARE	8/18/2016 10:39		54	37.5	0.9	7.6	-2.69	119	---	2.7	2.61	---	,,,,,,,
IN-FLARE	IN-FLARE	8/26/2016 15:29		52.7	37.1	1.4	8.8	---	74	---	-66.7	-66.71	---	,,,,,,,
OUTFLARE	OUTFLARE	8/26/2016 15:31		53	37.2	1.3	8.5	-2.52	119	---	2.4	2.65	---	,,,,,,,
IN-FLARE	IN-FLARE	9/2/2016 11:50		53.1	36.9	1	9	---	73	---	-66.8	-66.83	---	,,,,,,,
OUTFLARE	OUTFLARE	9/2/2016 11:52		53.4	37	0.9	8.7	-2.51	118	---	0.3	2.58	---	,,,,,,,
IN-FLARE	IN-FLARE	9/9/2016 12:52		54.1	37.7	0.9	7.3	---	72	---	-66.1	-66.13	---	,,,,,,,
OUTFLARE	OUTFLARE	9/9/2016 12:54		54.2	37.7	0.9	7.2	-3.12	117	---	-0.8	3	---	,,,,,,,
IN-FLARE	IN-FLARE	9/14/2016 11:58		52.3	36.5	1.2	10	---	60	---	-67.2	-67.34	---	,,,,,,,
OUTFLARE	OUTFLARE	9/14/2016 12:01		52.3	36.4	1.2	10.1	-3.14	115	---	3.3	3.22	---	,,,,,,,
OUTFLARE	OUTFLARE	9/14/2016 12:01		52.3	36.4	1.2	10.1	-3.14	115	---	3.3	3.06	---	,,,,,,,
IN-FLARE	IN-FLARE	9/15/2016 7:47		53.9	37.3	1.1	7.7	---	58	---	-67.5	-67.41	---	,,,,,,,
OUTFLARE	OUTFLARE	9/15/2016 7:50		53.9	37.2	1	7.9	-3.06	112	---	2.9	2.97	---	,,,,,,,
IN-FLARE	IN-FLARE	9/15/2016 12:52		53.3	36.8	0.7	9.2	---	62	---	-66.4	-66.44	---	,,,,,,,
OUTFLARE	OUTFLARE	9/15/2016 12:54		53.7	37	0.6	8.7	-3.2	115	---	3.3	3.41	---	,,,,,,,
IN-FLARE	IN-FLARE	9/23/2016 10:36		56.4	38.6	0.8	4.2	---	70	---	-66.9	-66.95	---	,,,,,,,
OUTFLARE	OUTFLARE	9/23/2016 10:39		56.6	38.5	0.8	4.1	-3.22	115	---	3.2	3.15	---	,,,,,,,
IN-FLARE	IN-FLARE	10/7/2016 8:59		54.1	38.1	0.8	7	---	58	---	-66.5	-66.49	---	,,,,,,,
OUTFLARE	OUTFLARE	10/7/2016 9:04		54.1	38.2	0.7	7	-4.08	110	---	4	3.99	---	,,,,,,,
IN-FLARE	IN-FLARE	10/14/2016 11:02		49.5	35.6	2.6	12.3	---	55	---	-66	-65.76	---	,,,,,,,
OUTFLARE	OUTFLARE	10/14/2016 11:05		49.7	35.5	2.4	12.4	-4.83	110	---	4.2	4.71	---	,,,,,,,
OUTFLARE	OUTFLARE	10/20/2016 8:46		50	35	0	15	-0.66	0	---	0.7	0.75	---	,,,,,,,
IN-FLARE	IN-FLARE	10/20/2016 9:04		52.2	36.8	0.9	10.1	---	52	---	-66.6	-66.73	---	,,,,,,,
OUTFLARE	OUTFLARE	10/20/2016 9:07		52.3	36.8	0.8	10.1	-4.86	109	---	4.8	4.9	---	,,,,,,,
IN-FLARE	IN-FLARE	10/27/2016 9:09		52.9	37.5	1.4	8.2	---	64	---	-66.5	-66.51	---	,,,,,,,
OUTFLARE	OUTFLARE	10/27/2016 9:11		52.3	37	1.3	9.4	-4.98	109	---	5.1	4.75	---	,,,,,,,
IN-FLARE	IN-FLARE	11/2/2016 10:26		49.8	34.6	2.9	12.7	---	52	---	-65.3	-65.44	---	,,,,,,,
OUTFLARE	OUTFLARE	11/2/2016 10:29		50.1	34.8	2.9	12.2	-5.54	108	---	5.4	5.26	---	,,,,,,,
IN-FLARE	IN-FLARE	11/7/2016 15:01		50	34.8	3	12.2	---	52	---	-66.2	-66.28	---	,,,,,,,
OUTFLARE	OUTFLARE	11/7/2016 15:03		50.3	34.9	2.8	12	-4.34	109	---	4.3	4.02	---	,,,,,,,
IN-FLARE	IN-FLARE	11/16/2016 14:43		46.4	33.3	3.7	16.6	---	50	---	-66.3	-65.26	---	,,,,,,,
OUTFLARE	OUTFLARE	11/16/2016 14:47		46.5	33.2	3.6	16.7	-4.97	106	---	4.9	4.58	---	,,,,,,,
IN-FLARE	IN-FLARE	11/21/2016 14:15		48.5	35.9	1.9	13.7	---	66	---	-65.7	-65.54	---	,,,,,,,
IN-FLARE	IN-FLARE	11/21/2016 14:16		49	36.2	1.7	13.1	---	50	---	-65.9	-65.36	---	,,,,,,,
OUTFLARE	OUTFLARE	11/21/2016 14:19		49.9	36.3	1.7	12.1	-5.85	105	---	5.7	5.69	---	,,,,,,,
IN-FLARE	IN-FLARE	11/22/2016 8:52		51.8	36.3	1.8	10.1	---	49	---	-66	-65.75	---	,,,,,,,
OUTFLARE	OUTFLARE	11/22/2016 8:55		51.5	36.3	1.7	10.5	-5.37	102	---	5.5	5.47	---	,,,,,,,
IN-FLARE	IN-FLARE	11/22/2016 15:23		52.7	36.9	1.4	9	---	45	---	-66.1	-65.93	---	,,,,,,,
OUTFLARE	OUTFLARE	11/22/2016 15:26		53	37	1.3	8.7	-5.63	104	---	5.3	5.34	---	,,,,,,,
IN-FLARE	IN-FLARE	12/15/2016 9:02		49.5	35.4	1.1	14	---	40	---	-68.5	-68.89	---	,,,,,,,
OUTFLARE	OUTFLARE	12/15/2016 9:05		48.7	34.8	1.3	15.2	-4.19	96	---	3.9	3.28	---	,,,,,,,
IN-FLARE	IN-FLARE	12/16/2016 8:52		52.5	36.3	1.1	10.1	---	42	---	-51	-67.76	---	,,,,,,,
OUTFLARE	OUTFLARE	12/16/2016 8:55		51.8	36	1.4	10.8	-4.02	97	---	3.9	3.77	---	,,,,,,,
IN-FLARE	IN-FLARE	12/22/2016 9:25		51.7	36	1.4	10.9	---	41	---	-66.8	-66.88	---	,,,,,,,
OUTFLARE	OUTFLARE	12/22/2016 9:29		51.1	35.8	1.6	11.5	-4.56	96	---	4.5	4.15	---	,,,,,,,
IN-FLARE	IN-FLARE	12/22/2016 13:40		52.5	36.8	1.3	9.4	---	43	---	-67.1	-67.02	---	,,,,,,,
OUTFLARE	OUTFLARE	12/22/2016 13:42		52.1	36.5	1.2	10.2	-4.1	98	---	4.2	4.38	---	,,,,,,,
IN-FLARE	IN-FLARE	12/29/2016 16:19		53.9	37.8	0.8	7.5	---	40	---	-65.3	-65.35	---	,,,,,,,
IN-FLARE	IN-FLARE	12/29/2016 16:19		53.9	37.8	0.8	7.5	---	40	---	-65.3	-65.35	---	,,,,,,,
OUTFLARE	OUTFLARE	12/29/2016 16:22		53.7	37.5	1	7.8	-5.26	95	---	4.8	4.67	---	,,,,,,,
OUTFLARE	OUTFLARE	12/29/2016 16:22		53.7	37.5	1	7.8	-5.26	95	---	4.8	4.67	---	,,,,,,,
Sector 2 Vertical Wells														
S2GEW12A	SEC2GW12R	1/28/2016 13:28		60.6	36.9	0	2.5	-0.01	38	---	-41.5	-47.4	5	Opened valve 1/2 turn or less,,,,,,,
S2GEW12A	SEC2GW12R	1/28/2016 13:28	ADJ	60.6	36.9	0	2.5	0	38	2	-44.2	-47.4	10	
S2GEW12A	SEC2GW12R	2/12/2016 9:39		62.2	37.2	0	0.6	0.02	35	8	-3.3	-49.23	5	Opened valve 1/2 turn or less,,,,,,,
S2GEW12A	SEC2GW12R	2/12/2016 9:39	ADJ	62.2	37.2	0	0.6	-0.04	30	8	-4.8	-49.23	7	
S2GEW12A	SEC2GW12R	3/30/2016 8:18		33.2	27.5	0	39.3	-0.02	47	---	-48.5	-50.52	7	Closed valve 1/2 turn or less,,,,,,,
S2GEW12A	SEC2GW12R	3/30/2016 8:18	ADJ	33.2	27.5	0	39.3	-0.02	46	---	-42.4	-50.52	5	
S2GEW12A	SEC2GW12R	4/19/2016 14:57		45.6	31.5	0	22.9	0.02	56	9	-25.9	-38.8	10	Closed valve 1/2 turn or less,,,,,,,
S2GEW12A	SEC2GW12R	4/19/2016 14:57	ADJ	45.6	31.5	0	22.9	0.03	56	11	-24.1	-38.8	7	
S2GEW12A	SEC2GW12R	5/24/2016 16:11		55.2	34.6	0	10.2	0.03	89	11	-23.9	-44.1	0.5	Opened valve 1/2 turn or less,,,,,,,
S2GEW12A	SEC2GW12R	5/24/2016 16:11	ADJ	55.2	34.6	0	10.2	0.02	89	8	-25.5	-44.1	1	
S2GEW12A	SEC2GW12R	6/27/2016 13:58		38.4	29.4	0.8	31.4	0.04	78	11	-25.2	-46.44	1.5	Closed valve 1/2 turn or less,,,,,,,
S2GEW12A	SEC2GW12R	6/27/2016 13:58	ADJ	38.4	29.4	0.8	31.4	0.04	77	12	-23.5	-46.44	1	
S2GEW12A	SEC2GW12R	7/20/2016 12:07		55.5	35.2	0.4	8.9	0.02	80	8	-11.5	-40.65	1	,,,,,,,
S2GEW12A	SEC2GW12R	7/20/2016 12:07	ADJ	55.5	35.2	0.4	8.9	0.02	81	10	-12.6	-40.65	1	
S2GEW12A	SEC2GW12R	8/3/2016 11:46		50.8	34.1	0.4	14.7	0.12	89	21	-20.8	-43.1	1	,,,,,,,
S2GEW12A	SEC2GW12R	8/3/2016 11:46	ADJ	50.8	34.1	0.4	14.7	0.12	93	21	-21.3	-43.1	1	
S2GEW12A	SEC2GW12R	9/14/2016 14:48		64	35.8	0	0.2	0.24	87	33	3.9	-47.24	0	,,,,,,,
S2GEW12A	SEC2GW12R	9/14/2016 14:48	ADJ	64	35.8	0	0.2	0.18	91	28	-7.2	-47.24	1	
S2GEW12A	SEC2GW12R	9/14/2016 14:50		62.8	37.1	0	0.1	0.18	90	27	-14.2	-47.29	1	,,,,,,,
S2GEW12A	SEC2GW12R	9/14/2016 14:50	ADJ	62.8	37.1	0	0.1	0.19	90	28	-14.8	-47.29	1	
S2GEW12A	SEC2GW12R	10/26/2016 15:29		43.2	33.3	0.4	23.1	0.02	48	10	-30.2	-41.93	1	,,,,,,,
S2GEW12A	SEC2GW12R	10/26/2016 15:29	ADJ	43.2	33.3	0.4	23.1	0.03	48	10	-30.2	-41.93	1	
S2GEW12A	SEC2GW12R	11/21/2016 16:54		42.5	33.1	1.3	23.1	-0.02	43	---	-28	-39.06	1	,,,,,,,
S2GEW12A	SEC2GW12R	11/21/2016 16:54	ADJ	42.5	33.1	1.3	23.1	-0.02	43	---	-26.3	-39.06	0.5	
S2GEW12A	SEC2GW12R	12/16/2016 9:22		54.9	34.3	2.5	8.3	20.14	10	328	-19.1	-0.05	0.5	,,,,,,,
S2GEW12A	SEC2GW12R	12/16/2016 9:22	ADJ	54.9	34.3	2.5	8.3	20.02	10	327	-19.1	-0.05	0.5	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SC2GW10B	SC2GW10B	1/28/2016 15:53		59	40.9	0	0.1	-0.55	88	---	-0.5	-48.33	8.5	Opened valve 1/2 turn or less,,,,,,
SC2GW10B	SC2GW10B	1/28/2016 15:53	ADJ	59	40.9	0	0.1	-0.07	91	---	-2	-48.33	9	
SC2GW10B	SC2GW10B	2/11/2016 15:05		54.4	37	0	8.6	0.04	93	7	-2	-52.14	9	Opened valve 1/2 turn or less,,,,,,
SC2GW10B	SC2GW10B	2/11/2016 15:05	ADJ	54.4	37	0	8.6	0.12	96	12	-3.2	-52.14	9.5	
SC2GW10B	SC2GW10B	3/29/2016 13:48		60	39.9	0	0.1	0.04	84	7	-0.1	-49.69	9.5	Opened valve 1/2 turn or less,,,,,,
SC2GW10B	SC2GW10B	3/29/2016 13:48	ADJ	60	39.9	0	0.1	0.26	86	19	-0.5	-49.69	10	
SC2GW10B	SC2GW10B	4/7/2016 13:11		49.9	35.4	0.1	14.6	0.3	79	20	-5.9	-53.42	10	No change,,,,,,
SC2GW10B	SC2GW10B	4/7/2016 13:11	ADJ	49.9	35.4	0.1	14.6	0.36	79	22	-5.9	-53.42	10	
SC2GW10B	SC2GW10B	5/24/2016 14:28		55	37.2	0	7.8	0.04	94	7	-2.6	-47.01	10	Opened valve 1/2 turn or less,,,,,,
SC2GW10B	SC2GW10B	5/24/2016 14:28	ADJ	55	37.2	0	7.8	0.12	94	13	-3.3	-47.01	15	
SC2GW10B	SC2GW10B	6/27/2016 14:30		51.8	36.8	1.5	9.9	0.06	96	8	-6.8	-47.27	15	Closed valve 1/2 turn or less,,,,,,
SC2GW10B	SC2GW10B	6/27/2016 14:30	ADJ	51.8	36.8	1.5	9.9	-0.05	96	8	-6.6	-47.27	10	
SC2GW10B	SC2GW10B	7/20/2016 11:07		60	39.5	0	0.5	0.06	97	8	-2.1	-39.1	10	,,,,,,
SC2GW10B	SC2GW10B	7/20/2016 11:07	ADJ	60	39.5	0	0.5	0.05	97	8	-2.1	-39.1	10	
SC2GW10B	SC2GW10B	8/3/2016 11:04		58.2	39.2	0	2.6	0.14	99	13	-2.2	-43.7	10	,,,,,,
SC2GW10B	SC2GW10B	8/3/2016 11:04	ADJ	58.2	39.2	0	2.6	0.12	99	12	-2.2	-43.7	10	
SC2GW10B	SC2GW10B	9/15/2016 11:23		60.7	39.2	0	0.1	0.08	98	10	-1.5	-47.38	10	,,,,,,
SC2GW10B	SC2GW10B	9/15/2016 11:23	ADJ	60.7	39.2	0	0.1	0.08	97	10	-1.5	-47.38	10	
SC2GW10B	SC2GW10B	10/26/2016 15:17		55.4	38	1.4	5.2	0.4	91	23	-7.9	-41.33	17	,,,,,,
SC2GW10B	SC2GW10B	10/26/2016 15:17	ADJ	55.4	38	1.4	5.2	0.38	92	23	-7.9	-41.33	17	
SC2GW10B	SC2GW10B	11/22/2016 12:35		53.9	36.1	2.3	7.7	0.18	90	15	-6.6	-41.05	17	,,,,,,
SC2GW10B	SC2GW10B	11/22/2016 12:35	ADJ	53.9	36.1	2.3	7.7	-0.24	89	15	-5.7	-41.05	13	
SC2GW10B	SC2GW10B	12/15/2016 15:31		50	36.8	0	13.2	1.16	64	41	-1.3	-47.47	13	,,,,,,
SC2GW10B	SC2GW10B	12/15/2016 15:31	ADJ	50	36.8	0	13.2	1.18	64	42	-1.3	-47.47	12	
SC2GW10B	SC2GW10B	12/22/2016 11:40		53.6	36	2.3	8.1	-0.69	80	---	-3.8	-42.92	13	,,,,,,
SC2GW10B	SC2GW10B	12/22/2016 11:40	ADJ	53.6	36	2.3	8.1	-0.79	80	---	-3.6	-42.92	12	
SC2GW11B	SC2GW11B	1/28/2016 15:31		59.7	38.6	0	1.7	0.03	75	11	-0.4	-49.09	9	Opened valve 1/2 turn or less,,,,,,
SC2GW11B	SC2GW11B	1/28/2016 15:31	ADJ	59.7	38.6	0	1.7	0.04	76	13	-0.9	-49.09	9.5	
SC2GW11B	SC2GW11B	2/11/2016 14:00		49.6	35.6	0	14.8	0.04	83	13	-1.4	-52.98	9.5	No change,,,,,,
SC2GW11B	SC2GW11B	2/11/2016 14:00	ADJ	49.6	35.6	0	14.8	0.05	83	14	-1.4	-52.98	10	
SC2GW11B	SC2GW11B	3/29/2016 14:01		59.6	40.3	0	0.1	0.24	82	32	-1.5	-49.77	10	Opened valve 1/2 turn or less,,,,,,
SC2GW11B	SC2GW11B	3/29/2016 14:01	ADJ	59.6	40.3	0	0.1	0.29	84	35	-2.5	-49.77	10.5	
SC2GW11B	SC2GW11B	4/7/2016 13:20		53.9	35.6	0	10.5	-0.03	69	---	-3.2	-53.96	10.5	No change,,,,,,
SC2GW11B	SC2GW11B	4/7/2016 13:20	ADJ	53.9	35.6	0	10.5	-0.07	70	---	-3.2	-53.96	10.5	
SC2GW11B	SC2GW11B	5/24/2016 14:37		59.6	40.3	0	0.1	0.17	92	26	-4.9	-46.96	10	Opened valve 1/2 turn or less,,,,,,
SC2GW11B	SC2GW11B	5/24/2016 14:37	ADJ	59.6	40.3	0	0.1	0.26	94	33	-6.8	-46.96	15	
SC2GW11B	SC2GW11B	6/27/2016 14:13		45.8	34.5	0.4	19.3	0.39	105	39	-10.2	-47.85	15	Closed valve 1/2 turn or less,,,,,,
SC2GW11B	SC2GW11B	6/27/2016 14:13	ADJ	45.8	34.5	0.4	19.3	-0.01	106	39	-8.1	-47.85	12	
SC2GW11B	SC2GW11B	7/20/2016 12:01		48.7	36.5	0	14.8	0.15	106	24	-5.2	-41.88	15	,,,,,,
SC2GW11B	SC2GW11B	7/20/2016 12:01	ADJ	48.7	36.5	0	14.8	0.12	106	21	-3.8	-41.88	12	
SC2GW11B	SC2GW11B	8/3/2016 11:39		48.4	36.6	0	15	0.2	104	28	-4	-43.91	12	,,,,,,
SC2GW11B	SC2GW11B	8/3/2016 11:39	ADJ	48.4	36.6	0	15	0.17	104	26	-3.1	-43.91	11	
SC2GW11B	SC2GW11B	9/15/2016 11:32		45.2	30.3	4.9	19.6	0.12	91	22	-2.9	-47.09	11	,,,,,,
SC2GW11B	SC2GW11B	9/15/2016 11:32	ADJ	45.2	30.3	4.9	19.6	0.06	91	15	-0.2	-47.09	5	
SC2GW11B	SC2GW11B	10/26/2016 15:25		58.4	39.4	0.4	1.8	0.11	75	21	-0.2	-42.07	5	,,,,,,
SC2GW11B	SC2GW11B	10/26/2016 15:25	ADJ	58.4	39.4	0.4	1.8	0.11	78	21	-0.5	-42.07	7	
SC2GW11B	SC2GW11B	11/21/2016 17:24		57.5	42.4	0	0.1	-0.02	94	---	-0.3	-39.5	7	,,,,,,
SC2GW11B	SC2GW11B	11/21/2016 17:24	ADJ	57.5	42.4	0	0.1	0.15	95	24	-0.5	-39.5	10	
SC2GW11B	SC2GW11B	12/22/2016 11:08		59.2	40.6	0	0.2	0.16	62	27	-1.2	-43.17	10	,,,,,,
SC2GW11B	SC2GW11B	12/22/2016 11:08	ADJ	59.2	40.6	0	0.2	0.14	62	24	-1.5	-43.17	10	
SC2GW14A	SC2GW14A	1/28/2016 13:36		59.4	40.4	0	0.2	0	38	---	-0.2	-46.37	0.5	Valve barely open,Opened valve 1/2 turn or less,,,,,,
SC2GW14A	SC2GW14A	1/28/2016 13:36	ADJ	59.4	40.4	0	0.2	0	45	---	-3.8	-46.37	0.5	
SC2GW14A	SC2GW14A	2/12/2016 9:52		55.4	36	1.1	7.5	-0.06	32	---	-0.1	-52.34	0.5	Opened valve 1/2 turn or less,,,,,,
SC2GW14A	SC2GW14A	2/12/2016 9:52	ADJ	55.4	36	1.1	7.5	-0.06	29	---	-1.3	-52.34	1	
SC2GW14A	SC2GW14A	3/30/2016 13:45		67.4	32.5	0	0.1	-0.02	61	---	-0.3	-49.19	1	Opened valve 1/2 turn or less,,,,,,
SC2GW14A	SC2GW14A	3/30/2016 13:45	ADJ	67.4	32.5	0	0.1	-0.02	60	---	-2.8	-49.19	1.5	
SC2GW14A	SC2GW14A	4/22/2016 13:54		60.1	39.8	0	0.1	-0.01	66	---	-0.2	-36.02	1.5	Opened valve 1/2 turn or less,,,,,,
SC2GW14A	SC2GW14A	4/22/2016 13:54	ADJ	60.1	39.8	0	0.1	-0.02	66	---	-1	-36.02	2	
SC2GW14A	SC2GW14A	5/25/2016 8:59		58.9	37.7	0	3.4	0.01	75	6	-0.2	-43.99	0.5	Opened valve 1/2 turn or less,,,,,,
SC2GW14A	SC2GW14A	5/25/2016 8:59	ADJ	58.9	37.7	0	3.4	0.01	72	6	-1.2	-43.99	1	
SC2GW14A	SC2GW14A	6/27/2016 14:08		45.8	31.7	4.1	18.4	0.03	78	10	-26.5	-46.18	10	Closed valve 1/2 turn or less,,,,,,
SC2GW14A	SC2GW14A	6/27/2016 14:08	ADJ	45.8	31.7	4.1	18.4	0.02	78	9	-24.7	-46.18	5	
SC2GW14A	SC2GW14A	7/20/2016 12:24		46	27.9	4.8	21.3	0.03	83	9	-38.6	-40.55	5	,,,,,,
SC2GW14A	SC2GW14A	7/20/2016 12:24	ADJ	46	27.9	4.8	21.3	0.02	85	9	-24.8	-40.55	1	
SC2GW14A	SC2GW14A	8/3/2016 11:56		36.5	24.4	7.4	31.7	0.11	90	20	-18.6	-42.64	1	,,,,,,
SC2GW14A	SC2GW14A	8/3/2016 11:56	ADJ	36.5	24.4	7.4	31.7	0.14	90	23	-41.1	-42.64	50	
SC2GW14A	SC2GW14A	8/3/2016 11:57		36.5	24.4	7.4	31.7	0.11	90	20	-18.6	-42.54	50	,,,,,,
SC2GW14A	SC2GW14A	8/3/2016 11:57	ADJ	36.5	24.4	7.4	31.7	0.16	90	24	-42.8	-42.54	50	
SC2GW14A	SC2GW14A	8/3/2016 12:01		35	23	8.2	33.8	0.13	91	22	-42.4	-42.97	50	,,,,,,
SC2GW14A	SC2GW14A	8/3/2016 12:01	ADJ	35	23	8.2	33.8	0.12	93	21	-35.6	-42.97	0	
SC2GW14A	SC2GW14A	8/4/2016 9:35		60.1	39.8	0	0.1	-0.07	76	---	11.8	-45.87	0	,,,,,,
SC2GW14A	SC2GW14A	8/4/2016 9:35	ADJ	60.1	39.8	0	0.1	-0.04	79	---	-3.4	-45.87	3	
SC2GW14A	SC2GW14A	8/4/2016 9:37		51.5	34.2	2.8	11.5	-0.05	80	---	-5.2	-45.78	3	,,,,,,
SC2GW14A	SC2GW14A	8/4/2016 9:37	ADJ	51.5	34.2	2.8	11.5	-0.04	80	---	-4.8	-45.78	0	
SC2GW14A	SC2GW14A	9/14/2016 15:05		60.5	39.1	0.3	0.1	0.18	79	28	0.5	-11.64	0	,,,,,,
SC2GW14A	SC2GW14A	9/14/2016 15:05	ADJ	60.5	39.1	0.3	0.1	0.19	81	28	-1.2	-11.64	10	
SC2GW14A	SC2GW14A	9/14/2016 15:07		44	28.8	3.6	23.6	0.2	79	29	-12.3	-46.76	10	,,,,,,
SC2GW14A	SC2GW14A	9/14/2016 15:07	ADJ	44	28.8	3.6	23.6	0.18	81	28	-6.3	-46.76	0	
SC2GW14A	SC2GW14A	10/26/2016 15:45		60.5	39.4	0	0.1	0.04	56	14	-1.5	-40.17	0	,,,,,,
SC2GW14A	SC2GW14A	10/26/2016 15:45	ADJ	60.5	39.4	0	0.1	0.03	63	11	-1.4	-40.17	1	
SC2GW14A	SC2GW14A	11/21/2016 17:07		39.6	26.3	6.9	27.2	-0.02	57	---	-12.1	-37.51	1	,,,,,,
SC2GW14A	SC2GW14A	11/21/2016 17:07	ADJ	39.6	26.3	6.9	27.2	-0.01	59	---	-27	-37.51	0	
SC2GW14A	SC2GW14A	11/21/2016 17:11		41	27.3	6.4	25.3	-0.02	57	---	-37.1	-38.09	0	,,,,,,
SC2GW14A	SC2GW14A	11/21/2016 17:11	ADJ	41	27.3	6.4	25.3	-0.01	57	---	-20	-38.09	0	
SC2GW14A	SC2GW14A	11/22/2016 15:03		61.2	38.7	0	0.1	-0.02	38	---	17	-39.12	0	,,,,,,
SC2GW14A	SC2GW14A	11/22/2016 15:03	ADJ	61.2	38.7	0	0.1	-0.01	57	---	-2.7	-39.12	2	
SC2GW14A	SC2GW14A	11/22/2016 15:05		61.7	38.2	0	0.1	-0.01	58	---	-5.2	-39.59	2	,,,,,,
SC2GW14A	SC2GW14A	11/22/2016 15:05	ADJ	61.7	38.2	0	0.1	-0.01	57	---	-4.1	-39.59	0.5	
SC2GW14A	SC2GW14A	12/21/2016 14:30		61	38.9	0	0.1	-4.45	45	---	3.7	-41.81	0.5	,,,,,,
SC2GW14A	SC2GW14A	12/21/2016 14:30	ADJ	61	38.9	0	0.1	-4.22	45	---	-5.9	-41.81	2.5	
SC2GW15A	SC2GW15A	1/28/2016 16:01		58	41.9	0	0.1	0.15	92	25	-0.1	-49.78	2	Opened valve 1/2 turn or less,,,,,,
SC2GW15A	SC2GW15A	1/28/2016 16:01	ADJ	58	41.9	0	0.1	0.26	104	32	-0.2	-49.78	5	
SC2GW15A	SC2GW15A	2/11/2016 15:24		56	40	0	4	0.13	101	23	-1.2	-53.24	5	Opened valve 1/2 turn or less,,,,,,
SC2GW15A	SC2GW15A	2/11/2016 15:24	ADJ	56	40	0	4	0.71	103	54	-1.8	-53.24	10	
SC2GW15A	SC2GW15A	3/29/2016 14:25		44	34.4	4.3	17.3	0.62	108	50	-1.9	-50.44	15	Closed valve 1/2 turn or less,,,,,,
SC2GW15A	SC2GW15A	3/29/2016 14:25	ADJ	44	34.4	4.3	17.3	0.27	108	33	-0.9	-50.44	10	
SC2GW15A	SC2GW15A	4/7/2016 13:38		52.6	36.2	1.4	9.8	0.24	106	31	-1	-54.52	10	No change,,,,,,
SC2GW15A	SC2GW15A	4/7/2016 13:38	ADJ	52.6	36.2	1.4	9.8	0.28	106	34	-0.9	-54.52	10	
SC2GW15A	SC2GW15A	5/24/2016 15:18		54.5	45.4	0	0.1	0.42	99	41	-0.4	-46.1	15	Opened valve 1/2 turn or less,,,,,,
SC2GW15A	SC2GW15A	5/24/2016 15:18	ADJ	54.5	45.4	0	0.1	0.57	100	48	-0.8	-46.1	20	
SC2GW15A	SC2GW15A	6/27/2016 13:40		55.9	44	0	0.1	0.68	104	53	-0.8	-48.55	20	Opened valve 1/2 turn or less,,,,,,
SC2GW15A	SC2GW15A	6/27/2016 13:40	ADJ	55.9	44	0	0.1	1.29	105	73	-1.6	-48.55	25	
SC2GW15A	SC2GW15A	7/20/2016 12:31		57.5	41.9	0	0.6	1.11	109	68	-1.7	-43.44	25	,,,,,,
SC2GW15A	SC2GW15A	7/20/2016 12:31	ADJ	57.5	41.9	0	0.6	1.37	109	76	-1.6	-43.44	20	
SC2GW15A	SC2GW15A	8/3/2016 12:09		55	40.6	0	4.4	1.01	109	65	-1.8	-44.78	20	,,,,,,
SC2GW15A	SC2GW15A	8/3/2016 12:09	ADJ	55	40.6	0	4.4	1.53	110	80	-2.2	-44.78	25	
SC2GW15A	SC2GW15A	9/14/2016 15:32		56.1	38.8	1.3	3.8	1.43	115	77	-3.1	-48.7	25	,,,,,,
SC2GW15A	SC2GW15A	9/14/2016 15:32	ADJ	56.1	38.8	1.3	3.8	1.92	116	90	-3	-48.7	25	
SC2GW15A	SC2GW15A	10/26/2016 15:50		52.5	39.9	0.3	7.3	10	113	205	-9.8	-38.22	25	,,,,,,
SC2GW15A	SC2GW15A	10/26/2016 15:50	ADJ	52.5	39.9	0.3	7.3	9.78	114	203	-9.8	-38.22	20	
SC2GW15A	SC2GW15A	11/22/2016 13:16		59.7	38.2	0.3	1.8	0.44	116	43	-7.6	-37.55	20	,,,,,,
SC2GW15A	SC2GW15A	11/22/2016 13:16	ADJ	59.7	38.2	0.3	1.8	0.42	116	41	-7.7	-37.55	21	
SC2GW15A	SC2GW15A	12/22/2016 11:22		59.7	38.4	0	1.9	0.45	108	43	-8.5	-36.95	21	,,,,,,
SC2GW15A	SC2GW15A	12/22/2016 11:22	ADJ	59.7	38.4	0	1.9	0.8	108	58	-9.8	-36.95	25	
SC2GW16A	SC2GW16A	1/28/2016 13:42		58.7	41.2	0	0.1	0.34	113	35	-46	-46.14	100	No change,Valve barely open,,,,,,
SC2GW16A	SC2GW16A	1/28/2016 13:42	ADJ	58.7	41.2	0	0.1	0.38	114	37	-46.1	-46.14	100	
SC2GW16A	SC2GW16A	2/11/2016 15:28		54.2	39.3	0	6.5	2.42	114	95	-52.1	-50.76	100	No change,Valve barely open,,,,,,
SC2GW16A	SC2GW16A	2/11/2016 15:28	ADJ	54.2	39.3	0	6.5	0.7	115	50	-50.1	-50.76	100	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SC2GW16A	SC2GW16A	3/30/2016 7:07		57.9	39.7	0	2.4	0.35	117	35	-51.5	-51.55	100	No change,Valve barely open,,,,,,
SC2GW16A	SC2GW16A	3/30/2016 7:07	ADJ	57.9	39.7	0	2.4	0.52	117	43	-51.5	-51.55	100	
SC2GW16A	SC2GW16A	4/19/2016 14:50		59.5	40.4	0	0.1	0.17	113	25	-41	-40.21	100	No change,,,,,,
SC2GW16A	SC2GW16A	4/19/2016 14:50	ADJ	59.5	40.4	0	0.1	0.22	114	28	-40.9	-40.21	100	
SC2GW16A	SC2GW16A	5/24/2016 15:22		58.5	37.9	0	3.6	0.18	115	26	-44.8	-44.25	100	No change,,,,,,
SC2GW16A	SC2GW16A	5/24/2016 15:22	ADJ	58.5	37.9	0	3.6	0.22	115	28	-44.8	-44.25	100	
SC2GW16A	SC2GW16A	6/27/2016 8:26		27.9	34.5	1.4	36.2	1.67	127	76	-29.7	-44.09	---	Closed more than 1 turn,,,,,,
SC2GW16A	SC2GW16A	6/27/2016 8:26	ADJ	27.9	34.5	1.4	36.2	0.06	123	14	-7.8	-44.09	---	
SC2GW16A	SC2GW16A	6/27/2016 12:38		59.3	40.6	0	0.1	0.42	114	41	-2.6	-43.09	20	Opened valve 1/2 turn or less,,,,,,
SC2GW16A	SC2GW16A	6/27/2016 12:38	ADJ	59.3	40.6	0	0.1	0.21	120	29	-3.6	-43.09	25	
SC2GW16A	SC2GW16A	7/20/2016 11:41		52.9	42.4	0	4.7	0.22	119	86	-5.7	-42.46	25	,,,,,,
SC2GW16A	SC2GW16A	7/20/2016 11:41	ADJ	52.9	42.4	0	4.7	0.25	119	91	-5.8	-42.46	25	
SC2GW16A	SC2GW16A	8/3/2016 11:19		57.4	42.5	0	0.1	0.31	115	103	-6.7	-42.02	25	,,,,,,
SC2GW16A	SC2GW16A	8/3/2016 11:19	ADJ	57.4	42.5	0	0.1	0.27	115	95	-8.2	-42.02	27	
SC2GW16A	SC2GW16A	9/15/2016 11:55		59.4	40.2	0.3	0.1	0.6	107	144	-17.2	-17.9	27	,,,,,,
SC2GW16A	SC2GW16A	9/15/2016 11:55	ADJ	59.4	40.2	0.3	0.1	0.56	107	139	-17.9	-17.9	29	
SC2GW16A	SC2GW16A	10/26/2016 15:55		58.6	40.9	0.4	0.1	0.24	100	90	-17.1	-41.78	29	,,,,,,
SC2GW16A	SC2GW16A	10/26/2016 15:55	ADJ	58.6	40.9	0.4	0.1	0.4	102	118	-20.4	-41.78	30	
SC2GW16A	SC2GW16A	11/22/2016 13:22		57.4	39	0.3	3.3	0.16	102	74	-19.9	-41.99	30	,,,,,,
SC2GW16A	SC2GW16A	11/22/2016 13:22	ADJ	57.4	39	0.3	3.3	0.37	103	113	-20.6	-41.99	32	
SC2GW16A	SC2GW16A	12/21/2016 13:42		59	40	0	1	0.23	85	89	-21.6	-40.53	16	,,,,,,
SC2GW16A	SC2GW16A	12/21/2016 13:42	ADJ	59	40	0	1	0.72	85	158	-33.9	-40.53	40	
SC2GW16A	SC2GW16A	12/22/2016 11:56		47.7	35	1.4	15.9	0.45	80	123	-35.9	-41.95	40	,,,,,,
SC2GW16A	SC2GW16A	12/22/2016 11:56	ADJ	47.7	35	1.4	15.9	0.08	80	53	-36	-41.95	40	
SC2GW22A	SC2GW22A	1/29/2016 7:10		51	36.9	0.9	11.2	0.36	118	37	-24.3	-50.93	50	No change,,,,,,
SC2GW22A	SC2GW22A	1/29/2016 7:10	ADJ	51	36.9	0.9	11.2	0.33	118	35	-24.3	-50.93	50	
SC2GW22A	SC2GW22A	2/11/2016 14:39		49.5	37.6	0.6	12.3	0.42	117	40	-26.1	-54.52	50	No change,,,,,,
SC2GW22A	SC2GW22A	2/11/2016 14:39	ADJ	49.5	37.6	0.6	12.3	0.27	117	31	-26.1	-54.52	0	
SC2GW22A	SC2GW22A	3/29/2016 13:26		51.5	37	0	11.5	0.32	117	35	-25.4	-49.29	50	No change,,,,,,
SC2GW22A	SC2GW22A	3/29/2016 13:26	ADJ	51.5	37	0	11.5	0.44	117	41	-25.4	-49.29	50	
SC2GW22A	SC2GW22A	4/7/2016 12:40		54.5	37.9	0	7.6	0.41	118	39	-28.7	-55.69	50	Opened valve 1/2 turn or less,,,,,,
SC2GW22A	SC2GW22A	4/7/2016 12:40	ADJ	54.5	37.9	0	7.6	0.44	118	41	-29.7	-55.69	60	
SC2GW22A	SC2GW22A	5/24/2016 14:08		51.4	36.7	0.8	11.1	0.39	117	38	-26.1	-48.27	50	No change,,,,,,
SC2GW22A	SC2GW22A	5/24/2016 14:08	ADJ	51.4	36.7	0.8	11.1	0.37	118	37	-26.1	-48.27	50	
SC2GW22A	SC2GW22A	6/27/2016 15:04		53.4	36.8	1.4	8.4	0.62	122	49	-19.6	-43.58	5	Opened valve 1/2 turn or less,,,,,,
SC2GW22A	SC2GW22A	6/27/2016 15:04	ADJ	53.4	36.8	1.4	8.4	0.92	123	60	-20.4	-43.58	10	
SC2GW22A	SC2GW22A	7/20/2016 10:39		46.7	34.3	1.9	17.1	0.62	114	48	-30.1	-43.46	10	,,,,,,
SC2GW22A	SC2GW22A	7/20/2016 10:39	ADJ	46.7	34.3	1.9	17.1	0.37	114	37	-26.9	-43.46	5	
SC2GW22A	SC2GW22A	8/3/2016 10:34		52.9	37.8	0.5	8.8	0.48	120	43	-24.6	-46.31	5	,,,,,,
SC2GW22A	SC2GW22A	8/3/2016 10:34	ADJ	52.9	37.8	0.5	8.8	0.48	120	43	-24.7	-46.31	5	
SC2GW22A	SC2GW22A	9/15/2016 11:00		57.5	39.2	0.1	3.2	0.39	120	38	-25.8	-49.69	5	,,,,,,
SC2GW22A	SC2GW22A	9/15/2016 11:00	ADJ	57.5	39.2	0.1	3.2	0.52	120	45	-27.1	-49.69	7	
SC2GW22A	SC2GW22A	10/26/2016 14:30		55.1	39.3	0.2	5.4	0.6	121	48	-25.9	-45.06	70	,,,,,,
SC2GW22A	SC2GW22A	10/26/2016 14:30	ADJ	55.1	39.3	0.2	5.4	0.44	122	41	-25.8	-45.06	70	
SC2GW22A	SC2GW22A	11/22/2016 11:55		57.3	39.9	0	2.8	0.43	121	40	-25	-44.91	70	,,,,,,
SC2GW22A	SC2GW22A	11/22/2016 11:55	ADJ	57.3	39.9	0	2.8	0.51	122	44	-25.4	-44.91	73	
SC2GW22A	SC2GW22A	12/15/2016 16:20		55.3	39.5	0	5.2	0.32	121	34	-28.9	-49.17	73	,,,,,,
SC2GW22A	SC2GW22A	12/15/2016 16:20	ADJ	55.3	39.5	0	5.2	0.38	121	38	-29	-49.17	75	
SC2GW23A	SC2GW23A	1/29/2016 7:13		49.2	37.3	1	12.5	0.27	130	32	-4.8	-53.73	20	No change,,,,,,
SC2GW23A	SC2GW23A	1/29/2016 7:13	ADJ	49.2	37.3	1	12.5	0.28	130	32	-4.8	-53.73	20	
SC2GW23A	SC2GW23A	2/11/2016 14:36		39.1	33	4.3	23.6	0.43	131	40	-7.1	-56.99	20	Closed valve 1/2 turn or less,,,,,,
SC2GW23A	SC2GW23A	2/11/2016 14:36	ADJ	39.1	33	4.3	23.6	0.24	128	30	-5.6	-56.99	15	
SC2GW23A	SC2GW23A	3/29/2016 13:21		54.1	40.4	0	5.5	0.17	128	25	-1.8	-51.33	15	Opened valve 1/2 turn or less,,,,,,
SC2GW23A	SC2GW23A	3/29/2016 13:21	ADJ	54.1	40.4	0	5.5	0.17	129	25	-2.1	-51.33	20	
SC2GW23A	SC2GW23A	4/7/2016 12:35		46.3	36.3	1.4	16	0.11	130	20	-5.5	-56.94	20	Closed valve 1/2 turn or less,,,,,,
SC2GW23A	SC2GW23A	4/7/2016 12:35	ADJ	46.3	36.3	1.4	16	-0.28	128	20	-4.9	-56.94	15	
SC2GW23A	SC2GW23A	5/24/2016 14:05		57.1	42.8	0	0.1	0.66	130	51	-0.1	-49.69	15	Opened valve 1/2 turn or less,,,,,,
SC2GW23A	SC2GW23A	5/24/2016 14:05	ADJ	57.1	42.8	0	0.1	0.5	131	44	-0.5	-49.69	20	
SC2GW23A	SC2GW23A	6/27/2016 15:01		57.8	42.1	0	0.1	0.44	133	41	-2.3	-46.37	15	Opened valve 1/2 turn or less,,,,,,
SC2GW23A	SC2GW23A	6/27/2016 15:01	ADJ	57.8	42.1	0	0.1	0.63	134	50	-2.5	-46.37	20	
SC2GW23A	SC2GW23A	7/20/2016 10:34		43.6	33.2	3.1	20.1	0.54	133	45	-8.8	-44.24	20	,,,,,,
SC2GW23A	SC2GW23A	7/20/2016 10:34	ADJ	43.6	33.2	3.1	20.1	0.1	130	19	-5.8	-44.24	10	
SC2GW23A	SC2GW23A	8/3/2016 10:20		57.9	42	0	0.1	-1.41	132	---	3.2	-46.81	10	,,,,,,
SC2GW23A	SC2GW23A	8/3/2016 10:20	ADJ	57.9	42	0	0.1	0.55	135	47	-0.9	-46.81	20	
SC2GW23A	SC2GW23A	8/3/2016 10:22		57.7	42.2	0	0.1	0.75	134	54	-1.7	-47.8	20	,,,,,,
SC2GW23A	SC2GW23A	8/3/2016 10:22	ADJ	57.7	42.2	0	0.1	0.14	135	23	-0.2	-47.8	12	
SC2GW23A	SC2GW23A	9/15/2016 10:54		58	41.9	0	0.1	-1.03	130	---	2.4	-51.61	12	,,,,,,
SC2GW23A	SC2GW23A	9/15/2016 10:54	ADJ	58	41.9	0	0.1	0.36	132	38	-0.2	-51.61	19	
SC2GW23A	SC2GW23A	9/15/2016 10:56		57.9	42	0	0.1	0.5	132	44	-1	-51.83	19	,,,,,,
SC2GW23A	SC2GW23A	9/15/2016 10:56	ADJ	57.9	42	0	0.1	0.18	133	26	-0.5	-51.83	15	
SC2GW23A	SC2GW23A	10/26/2016 14:26		56.4	43.5	0	0.1	0.12	129	21	-0.6	-46.6	15	,,,,,,
SC2GW23A	SC2GW23A	10/26/2016 14:26	ADJ	56.4	43.5	0	0.1	0.11	130	20	-0.6	-46.6	15	
SC2GW23A	SC2GW23A	11/22/2016 11:49		57	42.9	0	0.1	-1.12	128	---	0	-46.66	12.5	,,,,,,
SC2GW23A	SC2GW23A	11/22/2016 11:49	ADJ	57	42.9	0	0.1	-0.81	129	---	-0.3	-46.66	15	
SC2GW23A	SC2GW23A	11/22/2016 11:51		57	42.9	0	0.1	-0.99	129	---	-0.2	-46.54	15	,,,,,,
SC2GW23A	SC2GW23A	11/22/2016 11:51	ADJ	57	42.9	0	0.1	-0.91	129	---	-0.2	-46.54	15	
SC2GW23A	SC2GW23A	12/15/2016 16:14		57.8	42	0	0.2	0.29	124	33	-2.2	-51.77	15	,,,,,,
SC2GW23A	SC2GW23A	12/15/2016 16:14	ADJ	57.8	42	0	0.2	0.49	124	44	-2.5	-51.77	16	
SC2GW26A	SC2GW26A	1/28/2016 13:57		43.9	33.5	2.6	20	0.72	81	55	-5.6	-51.13	25	Closed valve 1/2 turn or less,,,,,,
SC2GW26A	SC2GW26A	1/28/2016 13:57	ADJ	43.9	33.5	2.6	20	0.38	81	40	-4.5	-51.13	20	
SC2GW26A	SC2GW26A	2/11/2016 15:12		49.5	36.7	0.7	13.1	0.55	80	48	-4.2	-55.9	20	No change,,,,,,
SC2GW26A	SC2GW26A	2/11/2016 15:12	ADJ	49.5	36.7	0.7	13.1	0.44	80	43	-4.2	-55.9	20	
SC2GW26A	SC2GW26A	3/29/2016 14:05		52.8	36.9	0	10.3	0.52	79	47	-4	-52.29	20	No change,,,,,,
SC2GW26A	SC2GW26A	3/29/2016 14:05	ADJ	52.8	36.9	0	10.3	0.54	79	48	-4	-52.29	20	
SC2GW26A	SC2GW26A	4/7/2016 13:25		51.5	35.9	0.9	11.7	0.47	78	45	-4.6	-56.34	20	No change,,,,,,
SC2GW26A	SC2GW26A	4/7/2016 13:25	ADJ	51.5	35.9	0.9	11.7	0.57	78	50	-4.6	-56.34	20	
SC2GW26A	SC2GW26A	5/24/2016 14:40		54.2	38.1	0	7.7	0.51	82	47	-3.5	-48.83	15	Opened valve 1/2 turn or less,,,,,,
SC2GW26A	SC2GW26A	5/24/2016 14:40	ADJ	54.2	38.1	0	7.7	0.68	81	54	-4	-48.83	20	
SC2GW26A	SC2GW26A	6/27/2016 14:16		51.9	37.7	0	10.4	0.6	85	50	-5.2	-49.77	20	No change,,,,,,
SC2GW26A	SC2GW26A	6/27/2016 14:16	ADJ	51.9	37.7	0	10.4	0.66	85	53	-5.2	-49.77	20	
SC2GW26A	SC2GW26A	7/20/2016 11:56		52.6	37.7	0	9.7	0.56	87	49	-4.4	-43.27	20	,,,,,,
SC2GW26A	SC2GW26A	7/20/2016 11:56	ADJ	52.6	37.7	0	9.7	0.58	87	50	-4.4	-43.27	20	
SC2GW26A	SC2GW26A	8/3/2016 11:34		46.6	35.2	0.2	18	0.72	90	55	-4.8	-45.1	20	,,,,,,
SC2GW26A	SC2GW26A	8/3/2016 11:34	ADJ	46.6	35.2	0.2	18	0.44	90	43	-3.5	-45.1	17	
SC2GW26A	SC2GW26A	9/15/2016 11:37		59.8	39.6	0.1	0.5	0.44	87	44	-2.5	-49.89	17	,,,,,,
SC2GW26A	SC2GW26A	9/15/2016 11:37	ADJ	59.8	39.6	0.1	0.5	0.52	87	48	-2.8	-49.89	18	
SC2GW26A	SC2GW26A	10/26/2016 15:40		58.6	41.1	0.1	0.2	0.4	84	42	-2.4	-43.49	18	,,,,,,
SC2GW26A	SC2GW26A	10/26/2016 15:40	ADJ	58.6	41.1	0.1	0.2	0.62	85	52	-2.9	-43.49	22	
SC2GW26A	SC2GW26A	11/21/2016 17:19		59.1	40.7	0	0.2	0.57	83	50	-3.8	-41.13	22	,,,,,,
SC2GW26A	SC2GW26A	11/21/2016 17:19	ADJ	59.1	40.7	0	0.2	0.52	83	47	-3.9	-41.13	23	
SC2GW26A	SC2GW26A	12/22/2016 11:02		59	40.5	0.4	0.1	0.47	72	46	-4.9	-45.19	23	,,,,,,
SC2GW26A	SC2GW26A	12/22/2016 11:02	ADJ	59	40.5	0.4	0.1	0.55	72	49	-5	-45.19	24	
SC2GW27A	SC2GW27A	1/28/2016 13:50		46.7	35.3	2.1	15.9	0.35	95	38	-3.3	-47.79	30	Closed valve 1/2 turn or less,,,,,,
SC2GW27A	SC2GW27A	1/28/2016 13:50	ADJ	46.7	35.3	2.1	15.9	0.1	95	19	-2.4	-47.79	25	
SC2GW27A	SC2GW27A	2/11/2016 15:16		58	41.9	0	0.1	0.13	96	23	-0.7	-52.47	25	Opened valve 1/2 turn or less,,,,,,
SC2GW27A	SC2GW27A	2/11/2016 15:16	ADJ	58	41.9	0	0.1	0.44	98	43	-1.5	-52.47	30	
SC2GW27A	SC2GW27A	3/29/2016 14:10		58.1	39.9	0	2	0.21	87	30	-1.9	-48.49	30	Opened valve 1/2 turn or less,,,,,,
SC2GW27A	SC2GW27A	3/29/2016 14:10	ADJ	58.1	39.9	0	2	0.47	88	45	-2.9	-48.49	35	
SC2GW27A	SC2GW27A	4/7/2016 13:30		48.1	36.7	1.1	14.1	0.5	78	46	-5.8	-53.28	35	Closed valve 1/2 turn or less,,,,,,
SC2GW27A	SC2GW27A	4/7/2016 13:30	ADJ	48.1	36.7	1.1	14.1	0.3	78	36	-5	-53.28	30	
SC2GW27A	SC2GW27A	5/24/2016 14:43		57.3	39.2	0	3.5	0.32	81	37	-3.6	-44.94	25	Opened valve 1/2 turn or less,Header Vacuum loss,,,,,,
SC2GW27A	SC2GW27A	5/24/2016 14:43	ADJ	57.3	39.2	0	3.5	0.34	81	38	-4.6	-44.94	30	
SC2GW27A	SC2GW27A	6/27/2016 13:44		47.3	36.6	1.2	14.9	0.3	94	34	-15.8	-47.01	35	Closed valve 1/2 turn or less,,,,,,
SC2GW27A	SC2GW27A	6/27/2016 13:44	ADJ	47.3	36.6	1.2	14.9	0.29	95	34	-14.2	-47.01	30	
SC2GW27A	SC2GW27A	7/20/2016 11:48		48	35.6	1.7	14.7	0.25	94	32	-11.8	-40.11	22	,,,,,,
SC2GW27A	SC2GW27A	7/20/2016 11:48	ADJ	48	35.6	1.7	14.7	0.06	96	15	-7.2	-40.11	22	
SC2GW27A	SC2GW27A	8/3/2016 11:24		55.1	38.7	0.4	5.8	0.17	94	26	-5.8	-42.87	22	,,,,,,
SC2GW27A	SC2GW27A	8/3/2016 11:24	ADJ	55.1	38.7	0.4	5.8	0.15	94	24	-5.8	-42.87	22	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SC2GW27A	SC2GW27A	9/15/2016 11:48		59.2	40.4	0.2	0.2	0.14	91	24	-0.2	-46.74	22	,,,,,,
SC2GW27A	SC2GW27A	9/15/2016 11:48	ADJ	59.2	40.4	0.2	0.2	0.17	92	27	-0.3	-46.74	25	
SC2GW27A	SC2GW27A	10/26/2016 15:04		31.3	24.4	8.3	36	1.02	117	63	-10.8	-43.29	25	,,,,,,
SC2GW27A	SC2GW27A	10/26/2016 15:04	ADJ	31.3	24.4	8.3	36	0.44	117	41	-9.2	-43.29	15	
SC2GW27A	SC2GW27A	10/26/2016 15:06		28.2	22.3	9.4	40.1	0.47	116	43	-6.1	-43.7	15	,,,,,,
SC2GW27A	SC2GW27A	10/26/2016 15:06	ADJ	28.2	22.3	9.4	40.1	0.51	117	44	-6.1	-43.7	15	
SC2GW27A	SC2GW27A	11/2/2016 11:02		46.3	34	3.4	16.3	0.27	115	32	-2.6	-41.8	0	,,,,,,
SC2GW27A	SC2GW27A	11/2/2016 11:02	ADJ	46.3	34	3.4	16.3	0.1	116	20	-2.6	-41.8	15	
SC2GW27A	SC2GW27A	11/22/2016 12:50		26.6	18.1	11.6	43.7	0	14	---	-1.3	-4.25	15	,,,,,,
SC2GW27A	SC2GW27A	11/22/2016 12:50	ADJ	26.6	18.1	11.6	43.7	-0.03	14	---	-1	-4.25	0	
SC2GW27A	SC2GW27A	11/22/2016 12:58		40.9	29.2	4.5	25.4	-0.04	14	---	-1.8	-4.27	0	,,,,,,
SC2GW27A	SC2GW27A	11/22/2016 12:58	ADJ	40.9	29.2	4.5	25.4	-0.05	14	---	-1.8	-4.27	0	
SC2GW27A	SC2GW27A	12/16/2016 9:45		54.3	38.6	1.6	5.5	0.33	90	37	-0.6	-43.12	16	,,,,,,
SC2GW27A	SC2GW27A	12/16/2016 9:45	ADJ	54.3	38.6	1.6	5.5	0.25	90	32	-0.6	-43.12	16	
SC2GW28A	SC2GW28A	1/29/2016 7:07		51.6	37	0	11.4	1.04	87	64	-33.8	-47.72	40	No change,,,,,,
SC2GW28A	SC2GW28A	1/29/2016 7:07	ADJ	51.6	37	0	11.4	0.81	88	57	-33.9	-47.72	40	
SC2GW28A	SC2GW28A	2/11/2016 14:53		49.2	37.1	0	13.7	1.14	88	67	-35.9	-52.39	40	Closed valve 1/2 turn or less,,,,,,
SC2GW28A	SC2GW28A	2/11/2016 14:53	ADJ	49.2	37.1	0	13.7	1.11	89	66	-35.3	-52.39	35	
SC2GW28A	SC2GW28A	3/29/2016 13:35		48.5	36.1	0	15.4	1.13	88	67	-34.3	-52.14	35	Closed valve 1/2 turn or less,,,,,,
SC2GW28A	SC2GW28A	3/29/2016 13:35	ADJ	48.5	36.1	0	15.4	0.99	88	63	-31.7	-52.14	30	
SC2GW28A	SC2GW28A	4/7/2016 12:47		53.7	36.2	0	10.1	1	87	64	-30.4	-53.76	30	No change,,,,,,
SC2GW28A	SC2GW28A	4/7/2016 12:47	ADJ	53.7	36.2	0	10.1	0.92	88	61	-30.5	-53.76	30	
SC2GW28A	SC2GW28A	5/24/2016 14:14		54.6	39	0	6.4	0.89	88	60	-30.3	-46.98	30	Opened valve 1/2 turn or less,,,,,,
SC2GW28A	SC2GW28A	5/24/2016 14:14	ADJ	54.6	39	0	6.4	0.86	89	59	-31	-46.98	32	
SC2GW28A	SC2GW28A	6/27/2016 12:27		58.1	39.4	0	2.5	0.82	88	58	-30.8	-42.9	30	Opened valve 1/2 turn or less,,,,,,
SC2GW28A	SC2GW28A	6/27/2016 12:27	ADJ	58.1	39.4	0	2.5	0.74	88	55	-31.6	-42.9	35	
SC2GW28A	SC2GW28A	7/20/2016 10:49		57.5	39.1	0	3.4	0.68	89	53	-29.5	-38.96	35	,,,,,,
SC2GW28A	SC2GW28A	7/20/2016 10:49	ADJ	57.5	39.1	0	3.4	0.69	89	53	-29.5	-38.96	35	
SC2GW28A	SC2GW28A	8/3/2016 10:47		55.7	38.6	0	5.7	0.82	89	58	-32.4	-42.99	35	,,,,,,
SC2GW28A	SC2GW28A	8/3/2016 10:47	ADJ	55.7	38.6	0	5.7	1.04	89	65	-32.9	-42.99	37	
SC2GW28A	SC2GW28A	9/15/2016 11:08		59.6	40.3	0	0.1	1.19	93	69	-34.6	-47.07	37	,,,,,,
SC2GW28A	SC2GW28A	9/15/2016 11:08	ADJ	59.6	40.3	0	0.1	1.27	94	72	-34.9	-47.07	37	
SC2GW28A	SC2GW28A	10/26/2016 16:06		59.1	40.8	0	0.1	1.03	76	65	-33.4	-40.81	37	,,,,,,
SC2GW28A	SC2GW28A	10/26/2016 16:06	ADJ	59.1	40.8	0	0.1	1.22	78	71	-33.8	-40.81	40	
SC2GW28A	SC2GW28A	11/22/2016 12:19		59.8	40.1	0	0.1	0.95	95	62	-33.4	-39.96	40	,,,,,,
SC2GW28A	SC2GW28A	11/22/2016 12:19	ADJ	59.8	40.1	0	0.1	0.96	95	62	-33.6	-39.96	42.5	
SC2GW28A	SC2GW28A	12/15/2016 16:32		59.4	40.5	0	0.1	1.01	91	63	-38.7	-45.34	42.5	,,,,,,
SC2GW28A	SC2GW28A	12/15/2016 16:32	ADJ	59.4	40.5	0	0.1	1.4	92	75	-38.7	-45.34	43	
SC2GW29B	SC2GW29B	1/28/2016 15:49		48.2	38.3	0	13.5	0.48	109	43	-27.2	-48.29	35	Closed valve 1/2 turn or less,,,,,,
SC2GW29B	SC2GW29B	1/28/2016 15:49	ADJ	48.2	38.3	0	13.5	0.43	111	40	-26.6	-48.29	30	
SC2GW29B	SC2GW29B	2/11/2016 15:01		49.8	39	0	11.2	0.19	107	26	-23.7	-52.21	30	No change,,,,,,
SC2GW29B	SC2GW29B	2/11/2016 15:01	ADJ	49.8	39	0	11.2	0.34	108	36	-23.7	-52.21	30	
SC2GW29B	SC2GW29B	3/29/2016 13:44		50.8	38.3	0	10.9	0.26	111	31	-21.3	-49.25	30	No change,,,,,,
SC2GW29B	SC2GW29B	3/29/2016 13:44	ADJ	50.8	38.3	0	10.9	0.49	112	43	-21.3	-49.25	30	
SC2GW29B	SC2GW29B	4/7/2016 13:07		52.9	38.8	0	8.3	0.25	111	31	-22.3	-52.09	30	No change,,,,,,
SC2GW29B	SC2GW29B	4/7/2016 13:07	ADJ	52.9	38.8	0	8.3	0.4	112	39	-22.2	-52.09	30	
SC2GW29B	SC2GW29B	5/24/2016 14:25		52.1	38.9	0	9	0.4	112	39	-20	-45.44	30	No change,,,,,,
SC2GW29B	SC2GW29B	5/24/2016 14:25	ADJ	52.1	38.9	0	9	0.21	113	28	-20	-45.44	30	
SC2GW29B	SC2GW29B	6/27/2016 14:19		56	40.3	0	3.7	0.72	114	53	-21.2	-45.55	25	Opened valve 1/2 turn or less,Valve fully open,,,,,,
SC2GW29B	SC2GW29B	6/27/2016 14:19	ADJ	56	40.3	0	3.7	1.8	115	85	-22.1	-45.55	30	
SC2GW29B	SC2GW29B	7/20/2016 11:01		55.2	39.6	0	5.2	0.46	114	42	-18.2	-37.51	30	,,,,,,
SC2GW29B	SC2GW29B	7/20/2016 11:01	ADJ	55.2	39.6	0	5.2	0.48	114	43	-18.3	-37.51	30	
SC2GW29B	SC2GW29B	8/3/2016 10:59		51.6	38.6	0	9.8	0.34	113	36	-20.4	-42.04	30	,,,,,,
SC2GW29B	SC2GW29B	8/3/2016 10:59	ADJ	51.6	38.6	0	9.8	0.45	113	42	-20.4	-42.04	30	
SC2GW29B	SC2GW29B	9/15/2016 11:18		59.3	40.6	0	0.1	0.66	110	50	-35.8	-45.81	35	,,,,,,
SC2GW29B	SC2GW29B	9/15/2016 11:18	ADJ	59.3	40.6	0	0.1	0.82	111	56	-36.2	-45.81	37.5	
SC2GW29B	SC2GW29B	10/26/2016 15:12		57.6	42	0.2	0.2	0.22	106	29	-36.1	-41.36	37.5	,,,,,,
SC2GW29B	SC2GW29B	10/26/2016 15:12	ADJ	57.6	42	0.2	0.2	0.2	106	27	-36	-41.36	37.5	
SC2GW29B	SC2GW29B	11/22/2016 12:30		59.5	39.9	0.4	0.2	0.5	102	44	-34.4	-39.33	37.5	,,,,,,
SC2GW29B	SC2GW29B	11/22/2016 12:30	ADJ	59.5	39.9	0.4	0.2	0.2	103	27	-34.4	-39.33	38	
SC2GW29B	SC2GW29B	12/22/2016 11:35		58.4	41.4	0	0.2	0.71	114	52	-35.5	-40.71	38	,,,,,,
SC2GW29B	SC2GW29B	12/22/2016 11:35	ADJ	58.4	41.4	0	0.2	0.74	114	53	-36.4	-40.71	45	
SC2GW36A	SC2GW36A	1/28/2016 13:06		47	34.2	2.8	16	0.68	117	51	-29	-48.98	55	Closed valve 1/2 turn or less,,,,,,
SC2GW36A	SC2GW36A	1/28/2016 13:06	ADJ	47	34.2	2.8	16	0.37	117	37	-27.7	-48.98	50	
SC2GW36A	SC2GW36A	2/11/2016 14:10		46.4	34.7	2.4	16.5	0.44	118	40	-22.7	-54.8	50	Closed valve 1/2 turn or less,,,,,,
SC2GW36A	SC2GW36A	2/11/2016 14:10	ADJ	46.4	34.7	2.4	16.5	0.27	118	32	-21.2	-54.8	45	
SC2GW36A	SC2GW36A	3/29/2016 12:51		47.1	37.8	0	15.1	0.29	113	33	-17.5	-50.44	45	Closed valve 1/2 turn or less,,,,,,
SC2GW36A	SC2GW36A	3/29/2016 12:51	ADJ	47.1	37.8	0	15.1	0.28	114	33	-16.4	-50.44	40	
SC2GW36A	SC2GW36A	4/7/2016 12:05		46.9	36.8	0	16.3	0.24	115	30	-15.3	-53.06	40	Closed valve 1/2 turn or less,,,,,,
SC2GW36A	SC2GW36A	4/7/2016 12:05	ADJ	46.9	36.8	0	16.3	0.27	116	32	-14.4	-53.06	35	
SC2GW36A	SC2GW36A	5/24/2016 13:39		55.1	42.8	0	2.1	0.17	121	26	-1.2	-47.67	3	Opened valve 1/2 turn or less,,,,,,
SC2GW36A	SC2GW36A	5/24/2016 13:39	ADJ	55.1	42.8	0	2.1	0.14	124	23	-2.2	-47.67	5	
SC2GW36A	SC2GW36A	6/27/2016 11:57		40.8	36.9	0	22.3	0.04	122	11	-7.1	-50.09	15	Closed valve 1/2 turn or less,,,,,,
SC2GW36A	SC2GW36A	6/27/2016 11:57	ADJ	40.8	36.9	0	22.3	0.04	123	12	-3.1	-50.09	10	
SC2GW36A	SC2GW36A	7/20/2016 9:59		56.2	42.5	0	1.3	0.22	129	29	-1.4	-40.11	10	,,,,,,
SC2GW36A	SC2GW36A	7/20/2016 9:59	ADJ	56.2	42.5	0	1.3	0.18	129	26	-1.4	-40.11	10	
SC2GW36A	SC2GW36A	8/3/2016 9:44		55.3	42.1	0	2.6	0.12	126	21	-1.5	-44.16	10	,,,,,,
SC2GW36A	SC2GW36A	8/3/2016 9:44	ADJ	55.3	42.1	0	2.6	0.12	127	21	-1.5	-44.16	10	
SC2GW36A	SC2GW36A	9/15/2016 10:06		55.9	41.1	0.2	2.8	0.19	125	27	-1.8	-48.42	10	,,,,,,
SC2GW36A	SC2GW36A	9/15/2016 10:06	ADJ	55.9	41.1	0.2	2.8	0.18	125	26	-1.8	-48.42	10	
SC2GW36A	SC2GW36A	10/26/2016 13:59		56.8	43.1	0	0.1	0.18	121	26	-1.7	-42.96	10	,,,,,,
SC2GW36A	SC2GW36A	10/26/2016 13:59	ADJ	56.8	43.1	0	0.1	0.19	121	27	-1.7	-42.96	10	
SC2GW36A	SC2GW36A	11/22/2016 11:12		52.3	40.5	0.3	6.9	-0.65	119	---	-1.6	-42.03	10	,,,,,,
SC2GW36A	SC2GW36A	11/22/2016 11:12	ADJ	52.3	40.5	0.3	6.9	-0.68	120	---	-1.6	-42.03	10	
SC2GW36A	SC2GW36A	12/15/2016 15:15		57	41.4	0	1.6	1.79	119	86	-1.9	-46.85	10	,,,,,,
SC2GW36A	SC2GW36A	12/15/2016 15:15	ADJ	57	41.4	0	1.6	1.81	120	87	-1.9	-46.85	11	
SC2GW40A	SC2GW40A	1/28/2016 12:57		55.3	38.3	0	6.4	0.04	69	12	-10.7	-47.28	20	Opened valve 1/2 turn or less,,,,,,
SC2GW40A	SC2GW40A	1/28/2016 12:57	ADJ	55.3	38.3	0	6.4	0.04	73	13	-12.3	-47.28	25	
SC2GW40A	SC2GW40A	2/11/2016 13:34		41.8	33.6	0.1	24.5	0.06	78	15	-14.4	-52.77	25	Closed valve 1/2 turn or less,,,,,,
SC2GW40A	SC2GW40A	2/11/2016 13:34	ADJ	41.8	33.6	0.1	24.5	0.04	78	12	-12	-52.77	20	
SC2GW40A	SC2GW40A	3/29/2016 12:37		59.4	39.2	0	1.4	0.05	74	14	-8.6	-49.32	20	Opened valve 1/2 turn or less,,,,,,
SC2GW40A	SC2GW40A	3/29/2016 12:37	ADJ	59.4	39.2	0	1.4	0.04	75	12	-10.5	-49.32	25	
SC2GW40A	SC2GW40A	4/7/2016 11:36		44.6	35.4	0	20	0.02	70	7	-12.5	-53.29	25	Closed valve 1/2 turn or less,,,,,,
SC2GW40A	SC2GW40A	4/7/2016 11:36	ADJ	44.6	35.4	0	20	0.3	71	35	-10.7	-53.29	20	
SC2GW40A	SC2GW40A	5/24/2016 13:10		48.7	38.3	0	13	0.11	80	21	-11.6	-47.85	15	Closed valve 1/2 turn or less,,,,,,
SC2GW40A	SC2GW40A	5/24/2016 13:10	ADJ	48.7	38.3	0	13	0.1	80	20	-10.8	-47.85	10	
SC2GW40A	SC2GW40A	6/27/2016 11:14		45	36.4	0	18.6	0.1	82	20	-12.1	-50.63	15	Closed valve 1/2 turn or less,,,,,,
SC2GW40A	SC2GW40A	6/27/2016 11:14	ADJ	45	36.4	0	18.6	0.09	82	19	-9.7	-50.63	10	
SC2GW40A	SC2GW40A	7/20/2016 9:26		53.4	38.4	0	8.2	0.02	85	7	-9	-40.34	10	,,,,,,
SC2GW40A	SC2GW40A	7/20/2016 9:26	ADJ	53.4	38.4	0	8.2	0.01	85	7	-9	-40.34	10	
SC2GW40A	SC2GW40A	8/3/2016 9:03		50.9	37.5	0	11.6	0.08	86	18	-9.3	-43.16	10	,,,,,,
SC2GW40A	SC2GW40A	8/3/2016 9:03	ADJ	50.9	37.5	0	11.6	0.09	86	18	-9.3	-43.16	10	
SC2GW40A	SC2GW40A	9/15/2016 9:31		50.6	36.2	0.4	12.8	-0.12	85	---	-11.1	-48.47	10	,,,,,,
SC2GW40A	SC2GW40A	9/15/2016 9:31	ADJ	50.6	36.2	0.4	12.8	-0.12	85	---	-11.1	-48.47	10	
SC2GW40A	SC2GW40A	10/26/2016 13:33		51.4	37.2	0.1	11.3	0.74	74	57	-10.5	-43.37	10	,,,,,,
SC2GW40A	SC2GW40A	10/26/2016 13:33	ADJ	51.4	37.2	0.1	11.3	0.66	75	53	-10.4	-43.37	10	
SC2GW40A	SC2GW40A	11/22/2016 10:33		51.2	35.8	0.8	12.2	-0.14	66	---	-8.8	-42.34	10	,,,,,,
SC2GW40A	SC2GW40A	11/22/2016 10:33	ADJ	51.2	35.8	0.8	12.2	-0.14	66	---	-8.7	-42.34	10	
SC2GW40A	SC2GW40A	12/15/2016 14:23		50.9	36.3	0	12.8	-0.02	59	---	-8.5	-46.53	10	,,,,,,
SC2GW40A	SC2GW40A	12/15/2016 14:23	ADJ	50.9	36.3	0	12.8	-0.02	60	---	-8.4	-46.53	10	
SC2GW43A	SC2GW43A	1/28/2016 12:50		61.3	38.6	0	0.1	0.01	65	6	-0.4	-47.34	5	Opened valve 1/2 turn or less,,,,,,
SC2GW43A	SC2GW43A	1/28/2016 12:50	ADJ	61.3	38.6	0	0.1	0.03	70	11	-1.6	-47.34	10	
SC2GW43A	SC2GW43A	2/11/2016 13:43		38.8	30.3	0	30.9	0.04	85	12	-2.3	-52.73	10	Closed valve 1/2 turn or less,,,,,,
SC2GW43A	SC2GW43A	2/11/2016 13:43	ADJ	38.8	30.3	0	30.9	0.02	84	9	-1.2	-52.73	5	
SC2GW43A	SC2GW43A	3/29/2016 10:35		57.3	35.2	0	7.5	-0.4	79	---	-0.7	-50.96	5	Opened valve 1/2 turn or less,,,,,,
SC2GW43A	SC2GW43A	3/29/2016 10:35	ADJ	57.3	35.2	0	7.5	0	81	---	-1.5	-50.96	10	
SC2GW43A	SC2GW43A	4/7/2016 11:44		45.4	33.6	0	21	0.02	79	8	-1.7	-53.08	10	Closed valve 1/2 turn or less,,,,,,
SC2GW43A	SC2GW43A	4/7/2016 11:44	ADJ	45.4	33.6	0	21	0.01	79	5	-1.3	-53.08	5	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SC2GW43A	SC2GW43A	5/24/2016 13:18		47.5	35.9	0	16.6	0.09	88	19	-0.7	-47.56	1.5	Closed valve 1/2 turn or less,,,,,,
SC2GW43A	SC2GW43A	5/24/2016 13:18	ADJ	47.5	35.9	0	16.6	0.08	89	18	-0.4	-47.56	1	
SC2GW43A	SC2GW43A	6/27/2016 11:27		57.3	39.1	0	3.6	0.25	83	33	-0.2	-50.21	1	Opened valve 1/2 turn or less,,,,,,
SC2GW43A	SC2GW43A	6/27/2016 11:27	ADJ	57.3	39.1	0	3.6	0.24	86	32	-1	-50.21	5	
SC2GW43A	SC2GW43A	7/20/2016 9:39		46.2	35.4	0	18.4	0.03	93	11	-1.4	-40.1	5	,,,,,,
SC2GW43A	SC2GW43A	7/20/2016 9:39	ADJ	46.2	35.4	0	18.4	0.01	93	6	-1.2	-40.1	5	
SC2GW43A	SC2GW43A	8/3/2016 9:16		46	35.3	0	18.7	0.1	96	20	-1.2	-43.62	5	,,,,,,
SC2GW43A	SC2GW43A	8/3/2016 9:16	ADJ	46	35.3	0	18.7	0.09	96	19	-0.7	-43.62	3	
SC2GW43A	SC2GW43A	9/15/2016 9:49		33.5	29.2	0.1	37.2	0.15	97	24	-5	-48.52	3	,,,,,,
SC2GW43A	SC2GW43A	9/15/2016 9:49	ADJ	33.5	29.2	0.1	37.2	0.02	96	9	-1.9	-48.52	1	
SC2GW43A	SC2GW43A	10/26/2016 13:43		56.4	36.7	0	6.9	0.01	80	7	-0.7	-0.7	10	,,,,,,
SC2GW43A	SC2GW43A	10/26/2016 13:43	ADJ	56.4	36.7	0	6.9	0.01	80	6	-0.7	-0.7	10	
SC2GW43A	SC2GW43A	10/26/2016 13:43		56.4	36.7	0	6.9	0.01	80	7	-0.7	-0.7	10	,,,,,,
SC2GW43A	SC2GW43A	10/26/2016 13:43	ADJ	56.4	36.7	0	6.9	0.01	80	6	-0.7	-0.7	10	
SC2GW43A	SC2GW43A	11/22/2016 10:50		60	35.7	0	4.3	-1.13	70	---	-0.5	-42.02	10	,,,,,,
SC2GW43A	SC2GW43A	11/22/2016 10:50	ADJ	60	35.7	0	4.3	-0.54	70	---	-1.1	-42.02	12	
SC2GW43A	SC2GW43A	12/15/2016 14:45		45.4	29.2	1.5	23.9	2.74	84	111	-3.3	-46.83	12	,,,,,,
SC2GW43A	SC2GW43A	12/15/2016 14:45	ADJ	45.4	29.2	1.5	23.9	2.07	84	97	-2.7	-46.83	10	
SC2GW61A	SC2GW61A	1/29/2016 7:04		58.9	39.1	0	2	0.38	79	39	-33.1	-35.91	45	Opened valve 1/2 turn or less,,,,,,
SC2GW61A	SC2GW61A	1/29/2016 7:04	ADJ	58.9	39.1	0	2	0.61	80	50	-33.9	-35.91	50	
SC2GW61A	SC2GW61A	2/11/2016 14:46		54.6	41.3	0	4.1	0.66	73	52	-34.3	-37.44	50	Opened valve 1/2 turn or less,,,,,,
SC2GW61A	SC2GW61A	2/11/2016 14:46	ADJ	54.6	41.3	0	4.1	0.82	80	57	-35.4	-37.44	55	
SC2GW61A	SC2GW61A	3/29/2016 13:32		38.7	33.9	0	27.4	1.01	85	61	-50.8	-55.32	55	Closed more than 1 turn,,,,,,
SC2GW61A	SC2GW61A	3/29/2016 13:32	ADJ	38.7	33.9	0	27.4	0.08	80	17	-31.6	-55.32	50	
SC2GW61A	SC2GW61A	4/7/2016 12:44		59.4	37.8	0	2.8	0.07	84	17	-11.6	-57.39	50	Opened valve 1/2 turn or less,,,,,,
SC2GW61A	SC2GW61A	4/7/2016 12:44	ADJ	59.4	37.8	0	2.8	0.11	87	21	-12.8	-57.39	55	
SC2GW61A	SC2GW61A	5/24/2016 14:11		58.4	37.4	0	4.2	0.06	92	16	-17.9	-50.54	12	Opened valve 1/2 turn or less,,,,,,
SC2GW61A	SC2GW61A	5/24/2016 14:11	ADJ	58.4	37.4	0	4.2	0.1	92	20	-19.1	-50.54	15	
SC2GW61A	SC2GW61A	6/27/2016 12:24		56.7	37.2	0.5	5.6	0.12	88	21	-20.8	-52.38	15	Opened valve 1/2 turn or less,,,,,,
SC2GW61A	SC2GW61A	6/27/2016 12:24	ADJ	56.7	37.2	0.5	5.6	0.15	90	24	-21.6	-52.38	20	
SC2GW61A	SC2GW61A	7/20/2016 10:44		55.7	36.3	1.4	6.6	0.09	92	18	-19	-43.16	20	,,,,,,
SC2GW61A	SC2GW61A	7/20/2016 10:44	ADJ	55.7	36.3	1.4	6.6	0.07	93	17	-18.9	-43.16	20	
SC2GW61A	SC2GW61A	8/3/2016 10:42		54.4	36.1	1.5	8	0.18	93	27	-20	-47.31	20	,,,,,,
SC2GW61A	SC2GW61A	8/3/2016 10:42	ADJ	54.4	36.1	1.5	8	0.18	93	26	-20	-47.31	20	
SC2GW61A	SC2GW61A	9/15/2016 11:04		55.6	36.1	1.5	6.8	0.12	90	21	-17.7	-51.12	20	,,,,,,
SC2GW61A	SC2GW61A	9/15/2016 11:04	ADJ	55.6	36.1	1.5	6.8	0.1	90	19	-17.7	-51.12	20	
SC2GW61A	SC2GW61A	10/26/2016 14:51		56	38.3	1.2	4.5	0.34	95	37	-32.6	-45.95	20	,,,,,,
SC2GW61A	SC2GW61A	10/26/2016 14:51	ADJ	56	38.3	1.2	4.5	0.37	96	38	-32.6	-45.95	20	
SC2GW61A	SC2GW61A	11/22/2016 12:15		56.3	38.9	0.9	3.9	0.3	106	34	-30.7	-45.89	20	,,,,,,
SC2GW61A	SC2GW61A	11/22/2016 12:15	ADJ	56.3	38.9	0.9	3.9	0.29	106	33	-30.7	-45.89	20	
SC2GW61A	SC2GW61A	12/15/2016 16:26		58.4	38.6	1.1	1.9	0.11	94	20	-36.9	-50.87	17	,,,,,,
SC2GW61A	SC2GW61A	12/15/2016 16:26	ADJ	58.4	38.6	1.1	1.9	0.07	94	15	-36.8	-50.87	19	
SC2GW61A	SC2GW61A	12/15/2016 16:27		58.4	38.6	1.1	1.9	0.11	94	20	-36.9	-0.05	19	,,,,,,
SC2GW61A	SC2GW61A	12/15/2016 16:27	ADJ	58.4	38.6	1.1	1.9	14.1	95	239	-51	-0.05	19	
SE2GW24A	SEC2GW24A	1/29/2016 7:17		57.7	41	0	1.3	0.53	114	46	-2.5	-53	5	Opened valve 1/2 turn or less,,,,,,
SE2GW24A	SEC2GW24A	1/29/2016 7:17	ADJ	57.7	41	0	1.3	0.29	114	34	-2.6	-53	10	
SE2GW24A	SEC2GW24A	2/11/2016 14:31		50	38.1	1.6	10.3	0.48	115	43	-5.9	-55.97	10	No change,,,,,,
SE2GW24A	SEC2GW24A	2/11/2016 14:31	ADJ	50	38.1	1.6	10.3	0.47	116	43	-5.9	-55.97	10	
SE2GW24A	SEC2GW24A	3/29/2016 13:17		56.8	43.1	0	0.1	-0.32	118	---	-0.7	-50.37	10	Opened valve 1/2 turn or less,,,,,,
SE2GW24A	SEC2GW24A	3/29/2016 13:17	ADJ	56.8	43.1	0	0.1	-0.01	119	---	-1.3	-50.37	15	
SE2GW24A	SEC2GW24A	4/7/2016 12:31		57.5	41.9	0	0.6	0.62	117	50	-3.2	-55.5	15	Opened valve 1/2 turn or less,,,,,,
SE2GW24A	SEC2GW24A	4/7/2016 12:31	ADJ	57.5	41.9	0	0.6	0.34	119	37	-4	-55.5	20	
SE2GW24A	SEC2GW24A	5/24/2016 14:01		57.4	42.5	0	0.1	0.03	119	11	-0.3	-49.55	0.5	Opened valve 1/2 turn or less,,,,,,
SE2GW24A	SEC2GW24A	5/24/2016 14:01	ADJ	57.4	42.5	0	0.1	0.46	120	43	-1.2	-49.55	1	
SE2GW24A	SEC2GW24A	6/27/2016 14:59		57.3	42.6	0	0.1	1.41	121	76	-0.2	-45.44	0.5	Opened valve 1/2 turn or less,,,,,,
SE2GW24A	SEC2GW24A	6/27/2016 14:59	ADJ	57.3	42.6	0	0.1	1.25	121	71	-0.6	-45.44	1	
SE2GW24A	SEC2GW24A	7/20/2016 10:29		56.8	40.2	0	3	1.59	108	82	-8.9	-43.16	1	,,,,,,
SE2GW24A	SEC2GW24A	7/20/2016 10:29	ADJ	56.8	40.2	0	3	1.16	108	70	-8.7	-43.16	1	
SE2GW24A	SEC2GW24A	8/3/2016 10:14		55.7	40.5	0.7	3.1	0.7	114	54	-2.9	-47.64	1	,,,,,,
SE2GW24A	SEC2GW24A	8/3/2016 10:14	ADJ	55.7	40.5	0.7	3.1	0.75	114	55	-2.9	-47.64	1	
SE2GW24A	SEC2GW24A	9/15/2016 10:50		58	39.8	0.5	1.7	2.46	117	103	-3.5	-50.96	1	,,,,,,
SE2GW24A	SEC2GW24A	9/15/2016 10:50	ADJ	58	39.8	0.5	1.7	2.07	117	94	-3.4	-50.96	1	
SE2GW24A	SEC2GW24A	10/26/2016 14:20		51.9	36.3	2.5	9.3	0.49	104	43	-34.3	-46.64	30	,,,,,,
SE2GW24A	SEC2GW24A	10/26/2016 14:20	ADJ	51.9	36.3	2.5	9.3	0.56	104	46	-34.3	-46.64	30	
SE2GW24A	SEC2GW24A	11/22/2016 11:44		47.6	32.9	4.2	15.3	0.57	101	47	-30.9	-47.22	30	,,,,,,
SE2GW24A	SEC2GW24A	11/22/2016 11:44	ADJ	47.6	32.9	4.2	15.3	0.37	101	38	-26.5	-47.22	22.5	
SE2GW24A	SEC2GW24A	12/15/2016 16:09		48.8	33.7	3.4	14.1	0.16	93	24	-25.7	-51.69	22.5	,,,,,,
SE2GW24A	SEC2GW24A	12/15/2016 16:09	ADJ	48.8	33.7	3.4	14.1	-0.05	92	24	-20.7	-51.69	17.5	
SE2GW25A	SEC2GW25A	1/29/2016 7:20		54.9	38.7	0	6.4	0.29	111	32	-46.9	-49.18	55	Opened valve 1/2 turn or less,,,,,,
SE2GW25A	SEC2GW25A	1/29/2016 7:20	ADJ	54.9	38.7	0	6.4	0.34	112	35	-47.4	-49.18	60	
SE2GW25A	SEC2GW25A	2/11/2016 14:27		52.7	38.4	0	8.9	0.39	111	37	-51	-53.12	60	No change,,,,,,
SE2GW25A	SEC2GW25A	2/11/2016 14:27	ADJ	52.7	38.4	0	8.9	0.33	112	34	-51	-53.12	60	
SE2GW25A	SEC2GW25A	3/29/2016 13:11		51.7	36.4	0.5	11.4	---	111	---	-47.1	-48.66	60	No change,,,,,,
SE2GW25A	SEC2GW25A	3/29/2016 13:11	ADJ	51.7	36.4	0.5	11.4	---	112	---	-47.1	-48.66	60	
SE2GW25A	SEC2GW25A	4/7/2016 12:27		54.1	37.7	0	8.2	8.31	111	179	-51	-53.06	60	Opened 1/2 to 1 turn,,,,,,
SE2GW25A	SEC2GW25A	4/7/2016 12:27	ADJ	54.1	37.7	0	8.2	8.38	111	179	-52.1	-53.06	65	
SE2GW25A	SEC2GW25A	5/24/2016 13:57		54	38.3	0.1	7.6	4.18	111	127	-46.3	-47.27	100	No change,Valve fully open,,,,,
SE2GW25A	SEC2GW25A	5/24/2016 13:57	ADJ	54	38.3	0.1	7.6	4.54	111	132	-46.4	-47.27	100	
SE2GW25A	SEC2GW25A	6/27/2016 12:13		52.8	37.7	0.7	8.8	2.68	111	100	-49.3	-49.32	100	No change,Valve fully open,,,,,
SE2GW25A	SEC2GW25A	6/27/2016 12:13	ADJ	52.8	37.7	0.7	8.8	2.74	111	101	-49.3	-49.32	100	
SE2GW25A	SEC2GW25A	7/20/2016 10:23		54	37.7	0.7	7.6	---	113	---	-39.5	-40.62	90	,,,,,,
SE2GW25A	SEC2GW25A	7/20/2016 10:23	ADJ	54	37.7	0.7	7.6	---	113	---	-39.5	-40.62	90	
SE2GW25A	SEC2GW25A	8/3/2016 10:07		53.9	38.6	0.4	7.1	---	112	---	-43	-44.24	90	,,,,,,
SE2GW25A	SEC2GW25A	8/3/2016 10:07	ADJ	53.9	38.6	0.4	7.1	32.45	112	360	-43.1	-44.24	95	
SE2GW25A	SEC2GW25A	9/15/2016 10:44		56.1	38.9	0.6	4.4	-20.51	109	---	-24.1	-48.31	95	,,,,,,
SE2GW25A	SEC2GW25A	9/15/2016 10:44	ADJ	56.1	38.9	0.6	4.4	-15.74	109	---	-29	-48.31	100	
SE2GW25A	SEC2GW25A	10/26/2016 14:16		54	38.4	1.1	6.5	0.26	111	30	-42.9	-42.95	100	,,,,,,
SE2GW25A	SEC2GW25A	10/26/2016 14:16	ADJ	54	38.4	1.1	6.5	0.31	111	33	-42.9	-42.95	100	
SE2GW25A	SEC2GW25A	11/22/2016 11:38		54.2	38.1	1.2	6.5	0.27	111	31	-41.9	-41.63	100	,,,,,,
SE2GW25A	SEC2GW25A	11/22/2016 11:38	ADJ	54.2	38.1	1.2	6.5	0.32	111	34	-41.8	-41.63	90	
SE2GW25A	SEC2GW25A	12/15/2016 16:02		54.7	39.1	1.2	5	-0.01	110	---	-46.3	-47	90	,,,,,,
SE2GW25A	SEC2GW25A	12/15/2016 16:02	ADJ	54.7	39.1	1.2	5	0.43	110	39	-46.3	-47	91	
SEC2GW01	SEC2GW01	1/28/2016 7:53		52.3	35.8	0	11.9	0.42	82	40	-46.7	-51.73	95	No change,,,,,,
SEC2GW01	SEC2GW01	1/28/2016 7:53	ADJ	52.3	35.8	0	11.9	0.43	82	41	-46.6	-51.73	95	
SEC2GW01	SEC2GW01	2/10/2016 10:17		53.5	35.9	0	10.6	0.36	81	37	-48.9	-53.48	95	Opened valve 1/2 turn or less,,,,,,
SEC2GW01	SEC2GW01	2/10/2016 10:17	ADJ	53.5	35.9	0	10.6	0.59	81	48	-51.6	-53.48	100	
SEC2GW01	SEC2GW01	3/29/2016 9:28		47.6	33.1	0	19.3	0.5	79	44	-54	-55.66	100	Closed valve 1/2 turn or less,,,,,,
SEC2GW01	SEC2GW01	3/29/2016 9:28	ADJ	47.6	33.1	0	19.3	0.43	80	40	-53.1	-55.66	95	
SEC2GW01	SEC2GW01	4/7/2016 10:34		52	35.4	0	12.6	0.54	78	45	-53.1	-55.19	95	No change,,,,,,
SEC2GW01	SEC2GW01	4/7/2016 10:34	ADJ	52	35.4	0	12.6	0.47	78	42	-53.1	-55.19	95	
SEC2GW01	SEC2GW01	5/24/2016 10:51		50.6	35.4	0	14	0.56	79	46	-48.9	-53.3	95	No change,,,,,,
SEC2GW01	SEC2GW01	5/24/2016 10:51	ADJ	50.6	35.4	0	14	0.53	79	45	-48.9	-53.3	95	
SEC2GW01	SEC2GW01	6/27/2016 9:44		46.4	34.2	0	19.4	0.5	79	43	-52.3	-56.99	65	Closed valve 1/2 turn or less,,,,,,
SEC2GW01	SEC2GW01	6/27/2016 9:44	ADJ	46.4	34.2	0	19.4	0.41	79	39	-49.5	-56.99	50	
SEC2GW01	SEC2GW01	7/20/2016 8:12		51.1	35.5	0	13.4	0.44	82	41	-41.2	-46.55	50	,,,,,,
SEC2GW01	SEC2GW01	7/20/2016 8:12	ADJ	51.1	35.5	0	13.4	0.4	82	39	-41.1	-46.55	50	
SEC2GW01	SEC2GW01	8/3/2016 7:54		48.4	35.5	0.1	16	0.31	79	34	-43.7	-49.36	50	,,,,,,
SEC2GW01	SEC2GW01	8/3/2016 7:54	ADJ	48.4	35.5	0.1	16	0.39	79	39	-43.7	-49.36	50	
SEC2GW01	SEC2GW01	9/15/2016 8:19		53.8	35.2	0.6	10.4	0.42	77	41	-43.8	-53.69	50	,,,,,,
SEC2GW01	SEC2GW01	9/15/2016 8:19	ADJ	53.8	35.2	0.6	10.4	0.39	77	39	-44.1	-53.69	52	
SEC2GW01	SEC2GW01	10/26/2016 12:21		55	36.4	0	8.6	0.24	78	30	-41.5	-50.17	52	,,,,,,
SEC2GW01	SEC2GW01	10/26/2016 12:21	ADJ	55	36.4	0	8.6	-0.09	78	30	-41.5	-50.17	52	
SEC2GW01	SEC2GW01	11/22/2016 9:16		53.1	34.9	0.6	11.4	0.11	75	20	-40.5	-48.17	52	,,,,,,
SEC2GW01	SEC2GW01	11/22/2016 9:16	ADJ	53.1	34.9	0.6	11.4	-0.18	75	20	-40.5	-48.17	52	
SEC2GW01	SEC2GW01	12/15/2016 12:46		50	34	0	16	0.18	74	26	-43.7	-52.13	52	,,,,,,
SEC2GW01	SEC2GW01	12/15/2016 12:46	ADJ	50	34	0	16	-0.06	74	26	-43.7	-52.13	52	
SEC2GW02	SEC2GW02	1/28/2016 7:56		56.7	38.2	0	5.1	0.05	73	38	-52.7	-52.6	100	No change,Valve fully open,,,,,
SEC2GW02	SEC2GW02	1/28/2016 7:56	ADJ	56.7	38.2	0	5.1	0.02	74	22	-52.5	-52.6	100	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2GW02	SEC2GW02	2/10/2016 10:20		49.3	34.1	1.2	15.4	0.03	65	29	-55.1	-55.15	100	No change,Valve fully open,,,,,,
SEC2GW02	SEC2GW02	2/10/2016 10:20	ADJ	49.3	34.1	1.2	15.4	0.05	67	39	-55	-55.15	100	
SEC2GW02	SEC2GW02	3/29/2016 9:33		55.8	36.9	0	7.3	0.02	75	25	-57.4	-57.42	100	No change,Valve fully open,,,,,,
SEC2GW02	SEC2GW02	3/29/2016 9:33	ADJ	55.8	36.9	0	7.3	0.02	75	27	-57.4	-57.42	100	
SEC2GW02	SEC2GW02	4/7/2016 10:48		56.5	37.5	0	6	0.05	76	40	-57.5	-57.57	100	No change,Valve fully open,,,,,,
SEC2GW02	SEC2GW02	4/7/2016 10:48	ADJ	56.5	37.5	0	6	0.06	76	43	-57.5	-57.57	100	
SEC2GW02	SEC2GW02	5/24/2016 10:53		54.6	37.6	0	7.8	0.05	83	39	-53	-53.09	100	No change,Valve fully open,,,,,,
SEC2GW02	SEC2GW02	5/24/2016 10:53	ADJ	54.6	37.6	0	7.8	0.1	83	56	-53	-53.09	100	
SEC2GW02	SEC2GW02	6/27/2016 10:01		49.4	35.7	0	14.9	0.1	79	56	-56.8	-56.73	100	Closed valve 1/2 turn or less,,,,,,
SEC2GW02	SEC2GW02	6/27/2016 10:01	ADJ	49.4	35.7	0	14.9	0.06	80	44	-56	-56.73	75	
SEC2GW02	SEC2GW02	7/20/2016 8:16		51.8	36.4	0	11.8	0	89	9	-46	-46.97	75	,,,,,,
SEC2GW02	SEC2GW02	7/20/2016 8:16	ADJ	51.8	36.4	0	11.8	0.05	89	40	-45.2	-46.97	75	
SEC2GW02	SEC2GW02	8/3/2016 7:51		51	37.1	0	11.9	0.08	79	51	-48.5	-49.35	75	,,,,,,
SEC2GW02	SEC2GW02	8/3/2016 7:51	ADJ	51	37.1	0	11.9	0.03	84	31	-48.5	-49.35	75	
SEC2GW02	SEC2GW02	9/15/2016 8:26		54.4	36.7	0.4	8.5	0.04	75	34	-52.5	-53.42	75	,,,,,,
SEC2GW02	SEC2GW02	9/15/2016 8:26	ADJ	54.4	36.7	0.4	8.5	0.02	75	26	-52.6	-53.42	77	
SEC2GW02	SEC2GW02	10/26/2016 12:25		55	37.4	0	7.6	0.04	54	35	-49.2	-49.59	77	,,,,,,
SEC2GW02	SEC2GW02	10/26/2016 12:25	ADJ	55	37.4	0	7.6	-0.02	54	35	-49.2	-49.59	80	
SEC2GW02	SEC2GW02	11/22/2016 9:21		54.1	36.8	0.2	8.9	0.01	67	15	-47.7	-47.83	80	,,,,,,
SEC2GW02	SEC2GW02	11/22/2016 9:21	ADJ	54.1	36.8	0.2	8.9	-0.05	66	15	-47.6	-47.83	83	
SEC2GW02	SEC2GW02	12/15/2016 12:50		51.7	35.5	0	12.8	0.05	63	40	-51.5	-52.31	83	,,,,,,
SEC2GW02	SEC2GW02	12/15/2016 12:50	ADJ	51.7	35.5	0	12.8	0.09	64	55	-51.6	-52.31	83	
SEC2GW04	SEC2GW04	1/28/2016 8:03		57.7	42.2	0	0.1	0	55	11	-50	-50.2	100	No change,,,,,,
SEC2GW04	SEC2GW04	1/28/2016 8:03	ADJ	57.7	42.2	0	0.1	-0.02	56	11	-50.4	-50.2	100	
SEC2GW04	SEC2GW04	2/10/2016 10:45		58.8	41.1	0	0.1	-0.04	49	---	-52.9	-52.8	100	No change,Valve fully open,,,,,,
SEC2GW04	SEC2GW04	2/10/2016 10:45	ADJ	58.8	41.1	0	0.1	0	53	---	-53.1	-52.8	100	
SEC2GW04	SEC2GW04	3/29/2016 9:38		58.2	41.7	0	0.1	-0.03	66	---	-53.2	-53.75	100	No change,Valve fully open,,,,,,
SEC2GW04	SEC2GW04	3/29/2016 9:38	ADJ	58.2	41.7	0	0.1	0.02	66	25	-53.5	-53.75	100	
SEC2GW04	SEC2GW04	4/7/2016 10:53		57.8	42.1	0	0.1	0.18	58	76	-53.8	-54.12	100	No change,Valve fully open,,,,,,
SEC2GW04	SEC2GW04	4/7/2016 10:53	ADJ	57.8	42.1	0	0.1	0.01	59	17	-54.2	-54.12	100	
SEC2GW04	SEC2GW04	5/24/2016 10:58		58.7	41.2	0	0.1	0.04	78	36	-50.3	-50.07	100	No change,Valve fully open,,,,,,
SEC2GW04	SEC2GW04	5/24/2016 10:58	ADJ	58.7	41.2	0	0.1	0.05	78	40	-50	-50.07	100	
SEC2GW04	SEC2GW04	6/27/2016 14:50		59.3	40.6	0	0.1	0	81	---	-46.5	-46.59	100	No change,Valve fully open,,,,,,
SEC2GW04	SEC2GW04	6/27/2016 14:50	ADJ	59.3	40.6	0	0.1	0.01	81	21	-46.6	-46.59	100	
SEC2GW04	SEC2GW04	7/20/2016 8:25		58.5	41.4	0	0.1	0.08	74	52	-43	-42.1	100	,,,,,,
SEC2GW04	SEC2GW04	7/20/2016 8:25	ADJ	58.5	41.4	0	0.1	0.07	74	47	-43.2	-42.1	100	
SEC2GW04	SEC2GW04	8/3/2016 8:07		58.6	41.3	0	0.1	0.01	80	21	-46.6	-46.15	100	,,,,,,
SEC2GW04	SEC2GW04	8/3/2016 8:07	ADJ	58.6	41.3	0	0.1	0.03	83	32	-46.6	-46.15	100	
SEC2GW04	SEC2GW04	9/15/2016 8:39		58.7	41.1	0	0.2	0.11	66	60	-51.4	-51.67	100	,,,,,,
SEC2GW04	SEC2GW04	9/15/2016 8:39	ADJ	58.7	41.1	0	0.2	0.12	66	61	-51.6	-51.67	100	
SEC2GW04	SEC2GW04	10/26/2016 12:38		57.8	42.1	0	0.1	-0.08	57	---	-45.9	-46.15	100	,,,,,,
SEC2GW04	SEC2GW04	10/26/2016 12:38	ADJ	57.8	42.1	0	0.1	-0.07	57	---	-46.1	-46.15	100	
SEC2GW04	SEC2GW04	11/22/2016 9:31		58	41.8	0	0.2	0.02	51	22	-44.6	-44.69	100	,,,,,,
SEC2GW04	SEC2GW04	11/22/2016 9:31	ADJ	58	41.8	0	0.2	-0.08	50	22	-44.1	-44.69	100	
SEC2GW04	SEC2GW04	12/15/2016 13:01		60	39.8	0	0.2	-1.84	30	---	48.2	-0.01	100	,,,,,,
SEC2GW04	SEC2GW04	12/15/2016 13:01	ADJ	60	39.8	0	0.2	-1.47	32	---	48.3	-0.01	100	
SEC2GW04	SEC2GW04	12/15/2016 13:03		60	39.9	0	0.1	-1.1	33	---	48.1	0.03	100	,,,,,,
SEC2GW04	SEC2GW04	12/15/2016 13:03	ADJ	60	39.9	0	0.1	-0.65	33	---	48.1	0.03	100	
SEC2GW04	SEC2GW04	12/21/2016 14:12		57.1	42.7	0	0.2	0.05	56	40	-44.7	-44.81	100	,,,,,,
SEC2GW04	SEC2GW04	12/21/2016 14:12	ADJ	57.1	42.7	0	0.2	-0.04	56	40	-45	-44.81	100	
SEC2GW04	SEC2GW04	12/22/2016 10:12		57.1	42.6	0.2	0.1	-0.02	52	---	-48.9	-49.34	100	,,,,,,
SEC2GW04	SEC2GW04	12/22/2016 10:12	ADJ	57.1	42.6	0.2	0.1	-0.03	52	---	-49.4	-49.34	100	
SEC2GW08	SEC2GW08	1/28/2016 8:21		56.6	32.5	0	10.9	-0.01	39	---	-47.5	-47.63	100	No change,Valve fully open,,,,,,
SEC2GW08	SEC2GW08	1/28/2016 8:21	ADJ	56.6	32.5	0	10.9	0	39	---	-47.5	-47.63	100	
SEC2GW08	SEC2GW08	2/12/2016 8:02		58.4	31.9	0	9.7	0.04	37	13	-53.4	-53.49	100	No change,,,,,,
SEC2GW08	SEC2GW08	2/12/2016 8:02	ADJ	58.4	31.9	0	9.7	0.05	37	14	-53.5	-53.49	100	
SEC2GW08	SEC2GW08	3/29/2016 9:57		55.1	30.7	1.6	12.6	0.01	58	4	-51.3	-51.4	100	No change,Valve fully open,,,,,,
SEC2GW08	SEC2GW08	3/29/2016 9:57	ADJ	55.1	30.7	1.6	12.6	0.01	58	7	-51.3	-51.4	100	
SEC2GW08	SEC2GW08	4/7/2016 11:11		61	33.6	0	5.4	0.01	46	7	-54	-54	100	No change,Valve fully open,,,,,,
SEC2GW08	SEC2GW08	4/7/2016 11:11	ADJ	61	33.6	0	5.4	0	46	4	-54	-54	100	
SEC2GW08	SEC2GW08	5/24/2016 12:44		59.7	33.1	0.5	6.7	0.07	77	16	-48.3	-48.38	100	No change,Valve fully open,,,,,,
SEC2GW08	SEC2GW08	5/24/2016 12:44	ADJ	59.7	33.1	0.5	6.7	0.06	78	15	-48.3	-48.38	100	
SEC2GW08	SEC2GW08	6/27/2016 10:18		54.2	31.1	2	12.7	0.07	71	16	-52.7	-52.8	100	No change,Valve fully open,,,,,,
SEC2GW08	SEC2GW08	6/27/2016 10:18	ADJ	54.2	31.1	2	12.7	0.07	71	16	-52.7	-52.8	100	
SEC2GW08	SEC2GW08	7/20/2016 8:58		56	31	2.3	10.7	0.06	75	16	-41.1	-41.13	100	,,,,,,
SEC2GW08	SEC2GW08	7/20/2016 8:58	ADJ	56	31	2.3	10.7	0.07	75	16	-41.3	-41.13	100	
SEC2GW08	SEC2GW08	8/3/2016 8:39		54.7	31.1	2.2	12	0.06	76	16	-44.7	-44.78	100	,,,,,,
SEC2GW08	SEC2GW08	8/3/2016 8:39	ADJ	54.7	31.1	2.2	12	0.07	78	16	-44.7	-44.78	80	
SEC2GW08	SEC2GW08	9/15/2016 9:02		55.5	31.1	2.5	10.9	0.02	61	8	-49.1	-49.19	80	,,,,,,
SEC2GW08	SEC2GW08	9/15/2016 9:02	ADJ	55.5	31.1	2.5	10.9	0.03	61	11	-49.1	-49.19	70	
SEC2GW08	SEC2GW08	10/26/2016 13:00		60.6	33.7	1.3	4.4	0.03	50	12	-44.1	-44.16	70	,,,,,,
SEC2GW08	SEC2GW08	10/26/2016 13:00	ADJ	60.6	33.7	1.3	4.4	0.03	50	10	-44.1	-44.16	70	
SEC2GW08	SEC2GW08	11/22/2016 10:05		53.5	30.4	3	13.1	0.26	41	33	-43.2	-43.28	70	,,,,,,
SEC2GW08	SEC2GW08	11/22/2016 10:05	ADJ	53.5	30.4	3	13.1	0.18	40	27	-43.2	-43.28	55	
SEC2GW08	SEC2GW08	12/15/2016 13:48		65.5	34.3	0.1	0.1	22.98	24	352	-23.8	-0.01	55	,,,,,,
SEC2GW08	SEC2GW08	12/15/2016 13:48	ADJ	65.5	34.3	0.1	0.1	22.98	24	352	-23.8	-0.01	55	
SEC2GW13	SEC2GW13	1/28/2016 13:32		61.4	38.5	0	0.1	0.01	29	7	-0.7	-46.56	1	Opened valve 1/2 turn or less,,,,,,
SEC2GW13	SEC2GW13	1/28/2016 13:32	ADJ	61.4	38.5	0	0.1	0.02	30	10	-1.4	-46.56	1.5	
SEC2GW13	SEC2GW13	2/12/2016 9:45		25.8	25.4	2.3	46.5	-0.04	45	---	-9	-52.29	1.5	Closed valve 1/2 turn or less,,,,,,
SEC2GW13	SEC2GW13	2/12/2016 9:45	ADJ	25.8	25.4	2.3	46.5	-0.05	43	---	-7.2	-52.29	1	
SEC2GW13	SEC2GW13	3/30/2016 8:21		39.7	30.7	0	29.6	-0.02	48	---	-3.7	-49.99	1	Closed valve 1/2 turn or less,,,,,,
SEC2GW13	SEC2GW13	3/30/2016 8:21	ADJ	39.7	30.7	0	29.6	-0.03	48	---	-2.9	-49.99	0.5	
SEC2GW13	SEC2GW13	4/19/2016 15:00		62	37.9	0	0.1	0.02	58	10	-0.1	-38.24	0.5	Opened valve 1/2 turn or less,,,,,,
SEC2GW13	SEC2GW13	4/19/2016 15:00	ADJ	62	37.9	0	0.1	0.02	56	10	-0.9	-38.24	1	
SEC2GW13	SEC2GW13	5/24/2016 16:13		34.8	28.4	0.1	36.7	0.04	82	12	-7	-44.12	1	No change,,,,,,
SEC2GW13	SEC2GW13	5/24/2016 16:13	ADJ	34.8	28.4	0.1	36.7	0.02	81	10	-5.8	-44.12	1	
SEC2GW13	SEC2GW13	6/27/2016 14:00		62.4	37	0	0.6	0.04	74	12	-1.2	-46.15	0.5	Opened valve 1/2 turn or less,,,,,,
SEC2GW13	SEC2GW13	6/27/2016 14:00	ADJ	62.4	37	0	0.6	0.04	73	14	-2	-46.15	1	
SEC2GW13	SEC2GW13	7/20/2016 12:16		32.7	26.9	1.3	39.1	0.03	78	11	-3.6	-40.59	1	,,,,,,
SEC2GW13	SEC2GW13	7/20/2016 12:16	ADJ	32.7	26.9	1.3	39.1	0.03	78	11	-3.3	-40.59	0.5	
SEC2GW13	SEC2GW13	8/3/2016 11:51		39.4	30	0	30.6	0.11	89	21	-4.9	-42.81	0.5	,,,,,,
SEC2GW13	SEC2GW13	8/3/2016 11:51	ADJ	39.4	30	0	30.6	0.12	88	22	-4.9	-42.81	0.5	
SEC2GW13	SEC2GW13	9/14/2016 14:57		9.8	5.5	18.2	66.5	0.2	76	29	0	-48.76	0.5	,,,,,,
SEC2GW13	SEC2GW13	9/14/2016 14:57	ADJ	9.8	5.5	18.2	66.5	0.95	75	64	-4.3	-48.76	100	
SEC2GW13	SEC2GW13	9/14/2016 15:00		19.7	11.4	14.8	54.1	2.94	67	111	-32.3	-46.65	100	,,,,,,
SEC2GW13	SEC2GW13	9/14/2016 15:00	ADJ	19.7	11.4	14.8	54.1	0.2	67	29	-4	-46.65	0.5	
SEC2GW13	SEC2GW13	9/14/2016 15:19		51	30.3	3.5	15.2	0.22	77	31	-0.2	-47.18	0.5	,,,,,,
SEC2GW13	SEC2GW13	9/14/2016 15:19	ADJ	51	30.3	3.5	15.2	0.22	77	31	-0.2	-47.18	0	
SEC2GW13	SEC2GW13	10/26/2016 15:35		61.6	38.3	0	0.1	0.05	42	15	-0.1	-41.23	0	,,,,,,
SEC2GW13	SEC2GW13	10/26/2016 15:35	ADJ	61.6	38.3	0	0.1	0.05	44	14	-0.1	-41.23	1	
SEC2GW13	SEC2GW13	11/21/2016 17:01		60.7	36.9	0.7	1.7	0.01	46	7	-5.4	-38.65	1	,,,,,,
SEC2GW13	SEC2GW13	11/21/2016 17:01	ADJ	60.7	36.9	0.7	1.7	0	46	5	-5.5	-38.65	1	
SEC2GW13	SEC2GW13	12/16/2016 9:27		56.3	34.2	0	9.5	1.23	16	81	-1.4	-0.03	0.5	,,,,,,
SEC2GW13	SEC2GW13	12/16/2016 9:27	ADJ	56.3	34.2	0	9.5	1.24	16	81	-1.4	-0.03	0.5	
SEC2GW17	SEC2GW17	1/28/2016 12:06		56.7	38.9	0	4.4	2.33	74	98	-42.5	-46.7	100	No change,Valve fully open,,,,,,
SEC2GW17	SEC2GW17	1/28/2016 12:06	ADJ	56.7	38.9	0	4.4	2.36	75	99	-42.5	-46.7	100	
SEC2GW17	SEC2GW17	2/10/2016 12:17		56.7	38.4	0	4.9	3.1	75	114	-43.4	-49.1	100	No change,Valve fully open,,,,,,
SEC2GW17	SEC2GW17	2/10/2016 12:17	ADJ	56.7	38.4	0	4.9	2.77	75	107	-43.9	-49.1	100	
SEC2GW17	SEC2GW17	3/30/2016 7:39		57.3	38.3	0	4.4	2.13	80	93	-48.7	-52.46	100	No change,Valve fully open,,,,,,
SEC2GW17	SEC2GW17	3/30/2016 7:39	ADJ	57.3	38.3	0	4.4	2.13	81	93	-48.7	-52.46	100	
SEC2GW17	SEC2GW17	4/7/2016 15:44		56.6	36.6	0	6.8	1.67	78	82	-49	-51.98	100	No change,Valve fully open,,,,,,
SEC2GW17	SEC2GW17	4/7/2016 15:44	ADJ	56.6	36.6	0	6.8	1.65	79	82	-49	-51.98	100	
SEC2GW17	SEC2GW17	5/24/2016 15:57		56.5	38.1	0	5.4	0.25	84	31	-44.8	-45.32	100	No change,,,,,,
SEC2GW17	SEC2GW17	5/24/2016 15:57	ADJ	56.5	38.1	0	5.4	0.31	83	34	-44.8	-45.32	100	
SEC2GW17	SEC2GW17	6/27/2016 8:33		55.5	37.6	0.6	6.3	2.21	80	95	-42.2	-44.41	100	No change,Valve fully open,,,,,,
SEC2GW17	SEC2GW17	6/27/2016 8:33	ADJ	55.5	37.6	0.6	6.3	2.27	80	97	-42.2	-44.41	100	
SEC2GW17	SEC2GW17	7/20/2016 13:20		56.1	37.4	0.5	6	2.45	84	100	-39.5	-41.83	100	,,,,,,
SEC2GW17	SEC2GW17	7/20/2016 13:20	ADJ	56.1	37.4	0.5	6	2.46	84	101	-39.5	-41.83	100	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2GW17	SEC2GW17	8/3/2016 13:10		51.8	35.5	1.6	11.1	2.83	85	107	-40.8	-43.54	100	,,,,,,
SEC2GW17	SEC2GW17	8/3/2016 13:10	ADJ	51.8	35.5	1.6	11.1	2.49	85	101	-39.5	-43.54	95	
SEC2GW17	SEC2GW17	9/15/2016 12:17		58	38.5	0.4	3.1	3.64	81	123	-44.8	-47.08	95	,,,,,,
SEC2GW17	SEC2GW17	9/15/2016 12:17	ADJ	58	38.5	0.4	3.1	3.72	82	124	-44.8	-47.08	100	
SEC2GW17	SEC2GW17	10/27/2016 9:21		59.6	40.3	0	0.1	2.64	78	105	-41.2	-41.28	100	,,,,,,
SEC2GW17	SEC2GW17	10/27/2016 9:21	ADJ	59.6	40.3	0	0.1	2.7	79	106	-41.2	-41.28	100	
SEC2GW17	SEC2GW17	11/22/2016 14:06		59.5	40.4	0	0.1	3.2	78	116	-39.8	-41.46	100	,,,,,,
SEC2GW17	SEC2GW17	11/22/2016 14:06	ADJ	59.5	40.4	0	0.1	3.04	79	113	-39.9	-41.46	100	
SEC2GW17	SEC2GW17	12/21/2016 13:48		59.3	40.6	0	0.1	2.68	82	105	-39.7	-41.13	100	,,,,,,
SEC2GW17	SEC2GW17	12/21/2016 13:48	ADJ	59.3	40.6	0	0.1	2.55	82	103	-39.7	-41.13	100	
SEC2GW17	SEC2GW17	12/22/2016 13:16		59.4	40.4	0.1	0.1	2.56	81	103	-40.3	-41.68	100	,,,,,,
SEC2GW17	SEC2GW17	12/22/2016 13:16	ADJ	59.4	40.4	0.1	0.1	2.69	82	105	-40.1	-41.68	100	
SEC2GW18	SEC2GW18	1/28/2016 12:08		57.9	38.8	0	3.3	0.08	69	18	-49.1	-49.14	100	No change,Valve fully open,,,,,,
SEC2GW18	SEC2GW18	1/28/2016 12:08	ADJ	57.9	38.8	0	3.3	0.15	69	24	-49	-49.14	100	
SEC2GW18	SEC2GW18	2/10/2016 12:20		56	36.9	0.3	6.8	-0.16	63	---	-50.8	-51.15	100	No change,Valve fully open,,,,,,
SEC2GW18	SEC2GW18	2/10/2016 12:20	ADJ	56	36.9	0.3	6.8	0.09	63	18	-50.8	-51.15	100	
SEC2GW18	SEC2GW18	3/30/2016 7:41		59.4	38	0	2.6	-0.09	73	---	-54.2	-52.42	100	No change,Valve fully open,,,,,,
SEC2GW18	SEC2GW18	3/30/2016 7:41	ADJ	59.4	38	0	2.6	0.18	73	26	-54.2	-52.42	100	
SEC2GW18	SEC2GW18	4/7/2016 15:46		60.6	37.9	0	1.5	0.23	73	29	-53.6	-53.73	100	No change,Valve fully open,,,,,,
SEC2GW18	SEC2GW18	4/7/2016 15:46	ADJ	60.6	37.9	0	1.5	0.12	73	21	-53.6	-53.73	100	
SEC2GW18	SEC2GW18	5/24/2016 16:00		57.9	37.9	0	4.2	0.13	80	22	-47.1	-47.14	100	No change,,,,,,
SEC2GW18	SEC2GW18	5/24/2016 16:00	ADJ	57.9	37.9	0	4.2	0.1	79	19	-47.1	-47.14	100	
SEC2GW18	SEC2GW18	6/27/2016 8:35		57.7	38.5	0	3.8	-0.22	76	---	-50.4	-50.58	100	No change,Valve fully open,,,,,,
SEC2GW18	SEC2GW18	6/27/2016 8:35	ADJ	57.7	38.5	0	3.8	0.18	76	26	-50.4	-50.58	100	
SEC2GW18	SEC2GW18	7/20/2016 13:24		58.5	37.9	0	3.6	-0.09	83	---	-44.8	-44.71	100	,,,,,,
SEC2GW18	SEC2GW18	7/20/2016 13:24	ADJ	58.5	37.9	0	3.6	-0.14	82	---	-44.5	-44.71	100	
SEC2GW18	SEC2GW18	8/3/2016 14:07		43.7	29.2	4.5	22.6	0.07	95	15	-46.3	-46.42	100	,,,,,,
SEC2GW18	SEC2GW18	8/3/2016 14:07	ADJ	43.7	29.2	4.5	22.6	0.02	97	8	-46.2	-46.42	80	
SEC2GW18	SEC2GW18	9/15/2016 12:30		44.8	29.3	4.7	21.2	0.03	75	11	-49.4	-49.48	80	,,,,,,
SEC2GW18	SEC2GW18	9/15/2016 12:30	ADJ	44.8	29.3	4.7	21.2	0.07	75	17	-15.9	-49.48	0	
SEC2GW18	SEC2GW18	10/27/2016 9:18		58.6	38.6	0.4	2.4	0.06	68	16	-36.2	-36.65	0	,,,,,,
SEC2GW18	SEC2GW18	10/27/2016 9:18	ADJ	58.6	38.6	0.4	2.4	0.07	69	17	-36.4	-36.65	1	
SEC2GW18	SEC2GW18	11/22/2016 14:11		57.7	37.6	1.2	3.5	-0.04	60	---	-26.7	-44.48	2	,,,,,,
SEC2GW18	SEC2GW18	11/22/2016 14:11	ADJ	57.7	37.6	1.2	3.5	0.2	60	29	-26.5	-44.48	1	
SEC2GW18	SEC2GW18	12/22/2016 13:20		55.2	37.1	1.9	5.8	-0.09	57	---	-30.7	-45.12	1	,,,,,,
SEC2GW18	SEC2GW18	12/22/2016 13:20	ADJ	55.2	37.1	1.9	5.8	-0.16	57	---	-30.9	-45.12	1	
SEC2GW19	SEC2GW19	1/28/2016 15:44		48	49.7	0	2.3	0.05	62	13	-1.3	-35.73	1	Closed valve 1/2 turn or less,,,,,,
SEC2GW19	SEC2GW19	1/28/2016 15:44	ADJ	48	49.7	0	2.3	-0.11	62	13	-0.6	-35.73	0.5	
SEC2GW19	SEC2GW19	2/11/2016 14:58		56.7	43.2	0	0.1	-0.13	46	---	-0.1	-36.88	0.5	Opened valve 1/2 turn or less,,,,,,
SEC2GW19	SEC2GW19	2/11/2016 14:58	ADJ	56.7	43.2	0	0.1	0.1	49	21	-0.4	-36.88	1	
SEC2GW19	SEC2GW19	3/29/2016 13:40		44	48.6	0	7.4	0.07	74	16	-1	-50.52	1	Closed valve 1/2 turn or less,,,,,,
SEC2GW19	SEC2GW19	3/29/2016 13:40	ADJ	44	48.6	0	7.4	0.04	74	12	-0.5	-50.52	0.5	
SEC2GW19	SEC2GW19	4/7/2016 12:52		52.7	46.4	0	0.9	-0.23	57	---	-0.2	-55.59	0.5	No change,,,,,,
SEC2GW19	SEC2GW19	4/7/2016 12:52	ADJ	52.7	46.4	0	0.9	-0.23	57	---	-0.2	-55.59	0.5	
SEC2GW19	SEC2GW19	5/24/2016 14:21		54.1	45.8	0	0.1	0.01	82	7	-0.1	-48.09	2	Opened valve 1/2 turn or less,,,,,,
SEC2GW19	SEC2GW19	5/24/2016 14:21	ADJ	54.1	45.8	0	0.1	0.08	82	18	-0.5	-48.09	5	
SEC2GW19	SEC2GW19	6/27/2016 15:09		59.3	40.6	0	0.1	0.02	78	9	-0.8	-44.24	2	Opened valve 1/2 turn or less,,,,,,
SEC2GW19	SEC2GW19	6/27/2016 15:09	ADJ	59.3	40.6	0	0.1	0.03	78	11	-0.8	-44.24	5	
SEC2GW19	SEC2GW19	7/20/2016 10:55		51.5	48.4	0	0.1	-0.01	80	---	-1	-42.84	10	,,,,,,
SEC2GW19	SEC2GW19	7/20/2016 10:55	ADJ	51.5	48.4	0	0.1	-0.12	80	---	-1	-42.84	10	
SEC2GW19	SEC2GW19	8/3/2016 10:53		52.2	47.7	0	0.1	0.15	82	24	-1.2	-47.26	10	,,,,,,
SEC2GW19	SEC2GW19	8/3/2016 10:53	ADJ	52.2	47.7	0	0.1	0.15	82	24	-1.2	-47.26	10	
SEC2GW19	SEC2GW19	9/15/2016 11:14		60.2	39.7	0	0.1	0.12	74	23	-0.4	-49.95	10	,,,,,,
SEC2GW19	SEC2GW19	9/15/2016 11:14	ADJ	60.2	39.7	0	0.1	0.11	75	22	-0.4	-49.95	10	
SEC2GW19	SEC2GW19	10/26/2016 14:55		52.5	47.4	0	0.1	0.1	64	19	-0.7	-45.43	10	,,,,,,
SEC2GW19	SEC2GW19	10/26/2016 14:55	ADJ	52.5	47.4	0	0.1	0.1	64	20	-0.7	-45.43	10	
SEC2GW19	SEC2GW19	11/22/2016 12:25		53.5	46.3	0	0.2	-0.44	60	---	-1	-45.38	10	,,,,,,
SEC2GW19	SEC2GW19	11/22/2016 12:25	ADJ	53.5	46.3	0	0.2	-0.48	61	---	-1.1	-45.38	11	
SEC2GW19	SEC2GW19	12/22/2016 11:30		52.6	47.2	0	0.2	0	62	4	-1.6	-47.89	11	,,,,,,
SEC2GW19	SEC2GW19	12/22/2016 11:30	ADJ	52.6	47.2	0	0.2	0.11	62	21	-2.5	-47.89	13	
SEC2GW20	SEC2GW20	1/28/2016 12:11		57.8	42.1	0	0.1	0.04	81	12	-32.5	-32.66	100	No change,Valve fully open,,,,,,
SEC2GW20	SEC2GW20	1/28/2016 12:11	ADJ	57.8	42.1	0	0.1	0.05	82	14	-32.5	-32.66	100	
SEC2GW20	SEC2GW20	2/10/2016 12:23		58.4	41.5	0	0.1	0.03	79	11	-37.2	-37.24	100	No change,Valve fully open,,,,,,
SEC2GW20	SEC2GW20	2/10/2016 12:23	ADJ	58.4	41.5	0	0.1	0.01	81	7	-37.2	-37.24	100	
SEC2GW20	SEC2GW20	3/30/2016 7:44		58.6	40.4	0	1	0.04	84	12	-54.9	-55.01	100	No change,Valve fully open,,,,,,
SEC2GW20	SEC2GW20	3/30/2016 7:44	ADJ	58.6	40.4	0	1	0.05	84	13	-55	-55.01	100	
SEC2GW20	SEC2GW20	4/7/2016 15:49		58.4	41.5	0	0.1	0.12	87	21	-54.7	-54.71	100	No change,Valve fully open,,,,,,
SEC2GW20	SEC2GW20	4/7/2016 15:49	ADJ	58.4	41.5	0	0.1	0.06	87	14	-54.6	-54.71	100	
SEC2GW20	SEC2GW20	5/24/2016 16:02		59	40.4	0	0.6	0.07	91	16	-48.1	-48.25	100	No change,,,,,,
SEC2GW20	SEC2GW20	5/24/2016 16:02	ADJ	59	40.4	0	0.6	0.1	91	19	-48.1	-48.25	100	
SEC2GW20	SEC2GW20	6/27/2016 8:38		56.5	40	0	3.5	0.09	89	18	-51.5	-51.78	100	No change,Valve fully open,,,,,,
SEC2GW20	SEC2GW20	6/27/2016 8:38	ADJ	56.5	40	0	3.5	0.1	90	19	-51.6	-51.78	100	
SEC2GW20	SEC2GW20	7/20/2016 13:28		55.1	38.4	0.5	6	0.08	91	16	-45.5	-45.51	100	,,,,,,
SEC2GW20	SEC2GW20	7/20/2016 13:28	ADJ	55.1	38.4	0.5	6	0.08	92	17	-45.4	-45.51	100	
SEC2GW20	SEC2GW20	8/3/2016 14:12		45.1	31.9	4.1	18.9	0.16	93	24	-47.3	-47.26	100	,,,,,,
SEC2GW20	SEC2GW20	8/3/2016 14:12	ADJ	45.1	31.9	4.1	18.9	0.16	94	24	-47.1	-47.26	70	
SEC2GW20	SEC2GW20	9/15/2016 12:36		59.2	40.3	0	0.5	0.12	86	21	-50.3	-50.41	70	,,,,,,
SEC2GW20	SEC2GW20	9/15/2016 12:36	ADJ	59.2	40.3	0	0.5	0.09	91	18	-50.3	-50.41	70	
SEC2GW20	SEC2GW20	10/26/2016 14:47		58.7	41.1	0.1	0.1	0.1	86	19	-46.3	-46.36	70	,,,,,,
SEC2GW20	SEC2GW20	10/26/2016 14:47	ADJ	58.7	41.1	0.1	0.1	0.07	86	16	-46.3	-46.36	75	
SEC2GW20	SEC2GW20	11/22/2016 14:16		58.8	40.3	0.5	0.4	0.04	84	11	-45.7	-45.96	75	,,,,,,
SEC2GW20	SEC2GW20	11/22/2016 14:16	ADJ	58.8	40.3	0.5	0.4	0.02	83	8	-45.3	-45.96	76	
SEC2GW20	SEC2GW20	12/22/2016 13:26		58.1	41.8	0	0.1	0.02	74	7	-46.2	-46.34	76	,,,,,,
SEC2GW20	SEC2GW20	12/22/2016 13:26	ADJ	58.1	41.8	0	0.1	-0.02	74	7	-46.2	-46.34	76	
SEC2GW21	SEC2GW21	1/28/2016 12:13		51.5	35.5	1	12	0.06	54	14	-43.7	-43.76	100	No change,Valve fully open,,,,,,
SEC2GW21	SEC2GW21	1/28/2016 12:13	ADJ	51.5	35.5	1	12	0.03	55	11	-43.7	-43.76	100	
SEC2GW21	SEC2GW21	2/10/2016 12:25		59.9	40	0	0.1	-0.04	49	---	-46.4	-46.21	100	No change,Valve fully open,,,,,,
SEC2GW21	SEC2GW21	2/10/2016 12:25	ADJ	59.9	40	0	0.1	-0.06	50	---	-46.3	-46.21	100	
SEC2GW21	SEC2GW21	3/30/2016 7:47		58.2	38.2	0	3.6	0.03	59	11	-55.1	-55.13	100	No change,Valve fully open,,,,,,
SEC2GW21	SEC2GW21	3/30/2016 7:47	ADJ	58.2	38.2	0	3.6	0.04	59	12	-55.1	-55.13	100	
SEC2GW21	SEC2GW21	4/7/2016 15:52		60.5	39.4	0	0.1	0.02	67	9	-54.8	-54.85	100	No change,Valve fully open,,,,,,
SEC2GW21	SEC2GW21	4/7/2016 15:52	ADJ	60.5	39.4	0	0.1	0.02	68	8	-54.8	-54.85	100	
SEC2GW21	SEC2GW21	5/24/2016 16:05		59.4	39	0	1.6	0.06	86	14	-48.2	-48.3	100	No change,,,,,,
SEC2GW21	SEC2GW21	5/24/2016 16:05	ADJ	59.4	39	0	1.6	0.05	86	13	-48.2	-48.3	100	
SEC2GW21	SEC2GW21	6/27/2016 8:41		55.8	37.9	0.4	5.9	0.06	73	15	-51.9	-51.98	100	No change,Valve fully open,,,,,,
SEC2GW21	SEC2GW21	6/27/2016 8:41	ADJ	55.8	37.9	0.4	5.9	0.07	73	15	-51.9	-51.98	100	
SEC2GW21	SEC2GW21	7/20/2016 13:33		52.2	35	1.8	11	0.12	85	21	-45.5	-45.58	100	,,,,,,
SEC2GW21	SEC2GW21	7/20/2016 13:33	ADJ	52.2	35	1.8	11	0.12	85	21	-45.3	-45.58	100	
SEC2GW21	SEC2GW21	8/3/2016 14:17		51.4	35.1	1.7	11.8	0.18	94	26	-47.4	-47.37	100	,,,,,,
SEC2GW21	SEC2GW21	8/3/2016 14:17	ADJ	51.4	35.1	1.7	11.8	0.16	96	24	-47.4	-47.37	80	
SEC2GW21	SEC2GW21	9/15/2016 12:41		59.5	38.7	0	1.8	0.06	80	14	-50.8	-50.95	80	,,,,,,
SEC2GW21	SEC2GW21	9/15/2016 12:41	ADJ	59.5	38.7	0	1.8	0.11	81	20	-50.9	-50.95	80	
SEC2GW21	SEC2GW21	10/26/2016 14:44		58.9	38.7	0.7	1.7	0.05	62	13	-46.4	-46.46	80	,,,,,,
SEC2GW21	SEC2GW21	10/26/2016 14:44	ADJ	58.9	38.7	0.7	1.7	0.04	62	12	-46.4	-46.46	85	
SEC2GW21	SEC2GW21	11/22/2016 14:22		57.9	37.3	1.2	3.6	0.06	63	14	-45.2	-45.8	80	,,,,,,
SEC2GW21	SEC2GW21	11/22/2016 14:22	ADJ	57.9	37.3	1.2	3.6	-0.01	62	14	-45.8	-45.8	70	
SEC2GW21	SEC2GW21	12/22/2016 13:31		60.7	39.1	0	0.2	-0.04	73	---	-46.4	-46.48	70	,,,,,,
SEC2GW21	SEC2GW21	12/22/2016 13:31	ADJ	60.7	39.1	0	0.2	-0.1	73	---	-46.3	-46.48	70	
SEC2GW30	SEC2GW30	1/28/2016 8:40		56.8	43.1	0	0.1	0.07	106	15	-47.4	-47.52	100	No change,Valve fully open,,,,,,
SEC2GW30	SEC2GW30	1/28/2016 8:40	ADJ	56.8	43.1	0	0.1	0.04	106	11	-47.4	-47.52	100	
SEC2GW30	SEC2GW30	2/11/2016 13:19		58.1	41	0	0.9	0.08	103	16	-53.1	-53.16	100	No change,Valve fully open,,,,,,
SEC2GW30	SEC2GW30	2/11/2016 13:19	ADJ	58.1	41	0	0.9	0.11	103	19	-53.1	-53.16	100	
SEC2GW30	SEC2GW30	3/29/2016 10:18		59.2	40.7	0	0.1	0.15	103	23	-51.1	-51.29	100	No change,Valve fully open,,,,,,
SEC2GW30	SEC2GW30	3/29/2016 10:18	ADJ	59.2	40.7	0	0.1	0.15	103	23	-51.2	-51.29	100	
SEC2GW30	SEC2GW30	4/7/2016 11:26		58.7	41.2	0	0.1	0.15	102	23	-53.4	-53.53	100	No change,Valve fully open,,,,,,
SEC2GW30	SEC2GW30	4/7/2016 11:26	ADJ	58.7	41.2	0	0.1	0.14	102	22	-53.4	-53.53	100	
SEC2GW30	SEC2GW30	5/24/2016 13:01		57.7	42.2	0	0.1	0.19	103	26	-47.9	-48.1	100	No change,Valve fully open,,,,,,
SEC2GW30	SEC2GW30	5/24/2016 13:01	ADJ	57.7	42.2	0	0.1	0.18	103	25	-47.9	-48.1	100	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2GW30	SEC2GW30	6/27/2016 10:39		54.3	39.2	0	6.5	0.19	104	26	-52.3	-52.43	100	No change,Valve fully open,,,,,,
SEC2GW30	SEC2GW30	6/27/2016 10:39	ADJ	54.3	39.2	0	6.5	0.19	104	25	-52.3	-52.43	100	
SEC2GW30	SEC2GW30	7/20/2016 9:14		58.8	41.1	0	0.1	0.06	106	14	-41.1	-41.19	100	,,,,,,
SEC2GW30	SEC2GW30	7/20/2016 9:14	ADJ	58.8	41.1	0	0.1	0.04	106	12	-41.1	-41.19	100	
SEC2GW30	SEC2GW30	8/3/2016 8:53		55.3	39.4	0.2	5.1	0.14	106	22	-44.3	-44.42	100	,,,,,,
SEC2GW30	SEC2GW30	8/3/2016 8:53	ADJ	55.3	39.4	0.2	5.1	0.12	106	21	-44.3	-44.42	100	
SEC2GW30	SEC2GW30	9/15/2016 9:20		56.9	39.4	1	2.7	0.05	105	13	-48.7	-48.69	100	,,,,,,
SEC2GW30	SEC2GW30	9/15/2016 9:20	ADJ	56.9	39.4	1	2.7	0.08	105	17	-48.7	-48.69	100	
SEC2GW30	SEC2GW30	10/26/2016 13:18		57.9	40.9	0.7	0.5	0.06	103	15	-43.6	-43.69	100	,,,,,,
SEC2GW30	SEC2GW30	10/26/2016 13:18	ADJ	57.9	40.9	0.7	0.5	0.05	104	13	-43.6	-43.69	100	
SEC2GW30	SEC2GW30	11/22/2016 10:15		58.4	40.6	0.7	0.3	0	104	---	-42.7	-42.92	100	,,,,,,
SEC2GW30	SEC2GW30	11/22/2016 10:15	ADJ	58.4	40.6	0.7	0.3	0.25	105	30	-42.9	-42.92	100	
SEC2GW30	SEC2GW30	12/15/2016 13:59		59	40.8	0	0.2	0.06	100	15	-46.8	-46.89	100	,,,,,,
SEC2GW30	SEC2GW30	12/15/2016 13:59	ADJ	59	40.8	0	0.2	0.03	101	10	-46.8	-46.89	100	
SEC2GW31	SEC2GW31	1/29/2016 7:31		56.9	42.1	0	1	-0.02	35	---	-12.3	-49.58	20	Opened valve 1/2 turn or less,,,,,,
SEC2GW31	SEC2GW31	1/29/2016 7:31	ADJ	56.9	42.1	0	1	-0.01	35	---	-12.7	-49.58	25	
SEC2GW31	SEC2GW31	2/11/2016 14:20		57.3	42.6	0	0.1	-0.01	84	---	-15.3	-53.56	25	Opened valve 1/2 turn or less,,,,,,
SEC2GW31	SEC2GW31	2/11/2016 14:20	ADJ	57.3	42.6	0	0.1	-0.01	85	---	-16.5	-53.56	30	
SEC2GW31	SEC2GW31	3/29/2016 12:57		58	41.9	0	0.1	0.04	92	12	-14	-49.93	30	Opened valve 1/2 turn or less,,,,,,
SEC2GW31	SEC2GW31	3/29/2016 12:57	ADJ	58	41.9	0	0.1	0.04	94	12	-15.2	-49.93	35	
SEC2GW31	SEC2GW31	4/7/2016 12:14		57.9	42	0	0.1	0.14	90	23	-20.1	-54.05	35	Opened valve 1/2 turn or less,,,,,,
SEC2GW31	SEC2GW31	4/7/2016 12:14	ADJ	57.9	42	0	0.1	0.03	90	10	-20.8	-54.05	40	
SEC2GW31	SEC2GW31	5/24/2016 13:50		56.9	42.1	0	1	0.01	99	6	-15.9	-47.9	10	Opened valve 1/2 turn or less,,,,,,
SEC2GW31	SEC2GW31	5/24/2016 13:50	ADJ	56.9	42.1	0	1	0.01	102	6	-17.2	-47.9	15	
SEC2GW31	SEC2GW31	6/27/2016 12:05		56.9	41.4	0	1.7	0.03	99	10	-18.3	-50.99	40	Opened valve 1/2 turn or less,,,,,,
SEC2GW31	SEC2GW31	6/27/2016 12:05	ADJ	56.9	41.4	0	1.7	0.05	100	13	-19.4	-50.99	50	
SEC2GW31	SEC2GW31	7/20/2016 10:09		58.1	41.4	0.2	0.3	0.04	77	13	-14	-41.12	50	,,,,,,
SEC2GW31	SEC2GW31	7/20/2016 10:09	ADJ	58.1	41.4	0.2	0.3	0.04	77	13	-14	-41.12	50	
SEC2GW31	SEC2GW31	8/3/2016 9:53		55.9	40.9	0.4	2.8	0.11	105	20	-13.1	-44.75	50	,,,,,,
SEC2GW31	SEC2GW31	8/3/2016 9:53	ADJ	55.9	40.9	0.4	2.8	0.11	105	21	-13.1	-44.75	50	
SEC2GW31	SEC2GW31	9/15/2016 10:26		58.6	40.7	0.6	0.1	0.04	99	13	-11	-49.07	50	,,,,,,
SEC2GW31	SEC2GW31	9/15/2016 10:26	ADJ	58.6	40.7	0.6	0.1	0.04	99	13	-11	-49.07	50	
SEC2GW31	SEC2GW31	10/26/2016 14:07		56	39.4	0.1	4.5	0.3	103	33	-40	-43.98	50	,,,,,,
SEC2GW31	SEC2GW31	10/26/2016 14:07	ADJ	56	39.4	0.1	4.5	0.15	103	23	-40	-43.98	50	
SEC2GW31	SEC2GW31	11/22/2016 11:23		52	37.1	0.5	10.4	0.12	102	21	-37.9	-43.16	25	,,,,,,
SEC2GW31	SEC2GW31	11/22/2016 11:23	ADJ	52	37.1	0.5	10.4	0.2	102	27	-37.9	-43.16	25	
SEC2GW31	SEC2GW31	12/15/2016 15:40		51.6	37.3	0.8	10.3	---	99	---	-40.1	-47.34	25	,,,,,,
SEC2GW31	SEC2GW31	12/15/2016 15:40	ADJ	51.6	37.3	0.8	10.3	---	100	---	-40.1	-47.34	25	
SEC2GW32	SEC2GW32	1/28/2016 15:56		46.9	34.5	0	18.6	0.12	70	22	-7.8	-50.08	20	Closed valve 1/2 turn or less,,,,,,
SEC2GW32	SEC2GW32	1/28/2016 15:56	ADJ	46.9	34.5	0	18.6	-0.09	71	22	-6.7	-50.08	15	
SEC2GW32	SEC2GW32	2/11/2016 15:08		56.5	37.9	0	5.6	0.1	63	20	-4.9	-53.96	15	Opened valve 1/2 turn or less,,,,,,
SEC2GW32	SEC2GW32	2/11/2016 15:08	ADJ	56.5	37.9	0	5.6	0.14	65	24	-5.7	-53.96	20	
SEC2GW32	SEC2GW32	3/29/2016 13:57		46.5	35.8	0	17.7	0.21	70	30	-5.5	-50.42	20	Closed valve 1/2 turn or less,,,,,,
SEC2GW32	SEC2GW32	3/29/2016 13:57	ADJ	46.5	35.8	0	17.7	0.1	71	20	-4.1	-50.42	15	
SEC2GW32	SEC2GW32	4/7/2016 13:15		41.9	33.6	0	24.5	0.13	69	23	-4.7	-53.6	15	Closed valve 1/2 turn or less,,,,,,
SEC2GW32	SEC2GW32	4/7/2016 13:15	ADJ	41.9	33.6	0	24.5	0.03	69	11	-3.7	-53.6	10	
SEC2GW32	SEC2GW32	5/24/2016 14:30		52.6	38	0	9.4	0.03	83	10	-1.6	-46.98	10	No change,,,,,,
SEC2GW32	SEC2GW32	5/24/2016 14:30	ADJ	52.6	38	0	9.4	0.03	83	10	-1.5	-46.98	10	
SEC2GW32	SEC2GW32	6/27/2016 14:34		49.1	37.3	0	13.6	0.02	85	9	-1.5	-48.11	15	Closed valve 1/2 turn or less,,,,,,
SEC2GW32	SEC2GW32	6/27/2016 14:34	ADJ	49.1	37.3	0	13.6	0.31	85	36	-0.8	-48.11	10	
SEC2GW32	SEC2GW32	7/20/2016 11:12		56.1	39.1	0	4.8	0.03	89	10	-0.5	-39.86	10	,,,,,,
SEC2GW32	SEC2GW32	7/20/2016 11:12	ADJ	56.1	39.1	0	4.8	0.02	90	9	-0.5	-39.86	10	
SEC2GW32	SEC2GW32	8/3/2016 11:08		55	38.5	0	6.5	0.47	92	45	-1	-44.22	10	,,,,,,
SEC2GW32	SEC2GW32	8/3/2016 11:08	ADJ	55	38.5	0	6.5	0.47	92	45	-1.2	-44.22	11	
SEC2GW32	SEC2GW32	9/15/2016 11:27		50.6	35.8	0.4	13.2	0	88	---	-3.6	-48.46	11	,,,,,,
SEC2GW32	SEC2GW32	9/15/2016 11:27	ADJ	50.6	35.8	0.4	13.2	0.13	88	23	-3.6	-48.46	11	
SEC2GW32	SEC2GW32	10/26/2016 15:20		51.9	36.1	0.3	11.7	0.02	83	8	-2.5	-43.87	11	,,,,,,
SEC2GW32	SEC2GW32	10/26/2016 15:20	ADJ	51.9	36.1	0.3	11.7	-0.01	83	8	-2.5	-43.87	11	
SEC2GW32	SEC2GW32	11/22/2016 12:40		41.6	32	0.2	26.2	-0.14	80	---	-2.2	-42.57	11	,,,,,,
SEC2GW32	SEC2GW32	11/22/2016 12:40	ADJ	41.6	32	0.2	26.2	-0.14	80	---	-1	-42.57	10	
SEC2GW32	SEC2GW32	12/22/2016 15:36		58.5	37.2	0	4.3	0.04	65	13	-1.1	-42.47	10	,,,,,,
SEC2GW32	SEC2GW32	12/22/2016 15:36	ADJ	58.5	37.2	0	4.3	0.31	65	37	-1.8	-42.47	10	
SEC2GW33	SEC2GW33	1/28/2016 15:36		46.4	35.4	0	18.2	0.19	97	27	-8.3	-49.45	15	Closed valve 1/2 turn or less,,,,,,
SEC2GW33	SEC2GW33	1/28/2016 15:36	ADJ	46.4	35.4	0	18.2	0.08	97	18	-6.9	-49.45	10	
SEC2GW33	SEC2GW33	2/11/2016 14:06		47.7	37	0	15.3	0.04	100	12	-2.9	-52.67	10	Closed valve 1/2 turn or less,,,,,,
SEC2GW33	SEC2GW33	2/11/2016 14:06	ADJ	47.7	37	0	15.3	0	96	12	-2	-52.67	5	
SEC2GW33	SEC2GW33	3/29/2016 12:48		57	42.9	0	0.1	0.22	104	29	-0.4	-49.27	5	Opened valve 1/2 turn or less,,,,,,
SEC2GW33	SEC2GW33	3/29/2016 12:48	ADJ	57	42.9	0	0.1	0.08	110	17	-1.5	-49.27	10	
SEC2GW33	SEC2GW33	4/7/2016 11:57		56.2	43.7	0	0.1	0.02	101	9	-2.2	-53.66	10	Opened valve 1/2 turn or less,,,,,,
SEC2GW33	SEC2GW33	4/7/2016 11:57	ADJ	56.2	43.7	0	0.1	0.05	103	13	-2.8	-53.66	15	
SEC2GW33	SEC2GW33	5/24/2016 13:31		57.3	42.6	0	0.1	0.16	106	25	-3.4	-48.04	10	Opened valve 1/2 turn or less,,,,,,
SEC2GW33	SEC2GW33	5/24/2016 13:31	ADJ	57.3	42.6	0	0.1	0.2	106	28	-4.4	-48.04	11	
SEC2GW33	SEC2GW33	6/27/2016 13:05		57.4	42.5	0	0.1	0.14	105	23	-5.1	-48.43	10	Opened valve 1/2 turn or less,,,,,,
SEC2GW33	SEC2GW33	6/27/2016 13:05	ADJ	57.4	42.5	0	0.1	0.19	105	27	-6.1	-48.43	15	
SEC2GW33	SEC2GW33	7/20/2016 9:53		57.8	42.1	0	0.1	0.2	102	28	-6.8	-40.33	15	,,,,,,
SEC2GW33	SEC2GW33	7/20/2016 9:53	ADJ	57.8	42.1	0	0.1	0.2	105	28	-6.8	-40.33	15	
SEC2GW33	SEC2GW33	8/3/2016 9:38		56	41.4	0	2.6	0.28	106	33	-7.5	-43.89	15	,,,,,,
SEC2GW33	SEC2GW33	8/3/2016 9:38	ADJ	56	41.4	0	2.6	0.33	106	36	-9.3	-43.89	17.5	
SEC2GW33	SEC2GW33	9/15/2016 10:03		52.7	38.5	0.2	8.6	0.38	106	39	-11.5	-49.09	17.5	,,,,,,
SEC2GW33	SEC2GW33	9/15/2016 10:03	ADJ	52.7	38.5	0.2	8.6	0.32	106	35	-11.5	-49.09	17.5	
SEC2GW33	SEC2GW33	10/26/2016 13:54		55.4	39.8	0	4.8	0.32	103	36	-9.9	-43.3	17.5	,,,,,,
SEC2GW33	SEC2GW33	10/26/2016 13:54	ADJ	55.4	39.8	0	4.8	0.35	103	38	-9.9	-43.3	17.5	
SEC2GW33	SEC2GW33	11/22/2016 11:07		54.9	38.7	0.1	6.3	0.29	102	34	-9.2	-41.63	17.5	,,,,,,
SEC2GW33	SEC2GW33	11/22/2016 11:07	ADJ	54.9	38.7	0.1	6.3	0.27	103	33	-9.4	-41.63	19	
SEC2GW33	SEC2GW33	12/15/2016 15:09		43.8	35.4	0	20.8	9.76	97	205	-10.1	-46.56	19	,,,,,,
SEC2GW33	SEC2GW33	12/15/2016 15:09	ADJ	43.8	35.4	0	20.8	7.29	94	177	-7.6	-46.56	15	
SEC2GW34	SEC2GW34	1/28/2016 13:23		57.6	42.3	0	0.1	0.16	99	24	-47	-47.14	100	No change,Valve fully open,,,,,,
SEC2GW34	SEC2GW34	1/28/2016 13:23	ADJ	57.6	42.3	0	0.1	0.26	99	31	-47.1	-47.14	100	
SEC2GW34	SEC2GW34	2/11/2016 13:52		56.9	43	0	0.1	0.01	92	6	-52.4	-52.45	100	No change,Valve fully open,,,,,,
SEC2GW34	SEC2GW34	2/11/2016 13:52	ADJ	56.9	43	0	0.1	0.01	94	4	-52.4	-52.45	100	
SEC2GW34	SEC2GW34	3/29/2016 12:45		57.5	42.1	0	0.4	0.06	95	15	-48.9	-48.98	100	No change,Valve fully open,,,,,,
SEC2GW34	SEC2GW34	3/29/2016 12:45	ADJ	57.5	42.1	0	0.4	0.05	94	14	-48.9	-48.98	100	
SEC2GW34	SEC2GW34	4/7/2016 11:52		56.6	43.3	0	0.1	0.02	101	8	-52.6	-52.76	100	No change,Valve fully open,,,,,,
SEC2GW34	SEC2GW34	4/7/2016 11:52	ADJ	56.6	43.3	0	0.1	0.04	102	11	-52.6	-52.76	100	
SEC2GW34	SEC2GW34	5/24/2016 13:24		56.1	40.1	0	3.8	0.14	103	22	-46.8	-46.97	100	No change,Valve fully open,,,,,,
SEC2GW34	SEC2GW34	5/24/2016 13:24	ADJ	56.1	40.1	0	3.8	0.21	104	27	-46.8	-46.97	100	
SEC2GW34	SEC2GW34	6/27/2016 13:01		56	39.6	0	4.4	0.14	104	22	-47	-47.06	100	No change,Valve fully open,,,,,,
SEC2GW34	SEC2GW34	6/27/2016 13:01	ADJ	56	39.6	0	4.4	0.09	104	17	-47	-47.06	100	
SEC2GW34	SEC2GW34	7/20/2016 9:49		57.9	41	0	1.1	0.35	78	37	-39.1	-38.59	100	,,,,,,
SEC2GW34	SEC2GW34	7/20/2016 9:49	ADJ	57.9	41	0	1.1	0.07	78	16	-39.3	-38.59	100	
SEC2GW34	SEC2GW34	8/3/2016 9:34		54.4	39.6	0.2	5.8	0.27	104	31	-42.8	-42.91	100	,,,,,,
SEC2GW34	SEC2GW34	8/3/2016 9:34	ADJ	54.4	39.6	0.2	5.8	0.31	104	33	-42.8	-42.91	100	
SEC2GW34	SEC2GW34	9/15/2016 9:59		56.8	39.9	0.2	3.1	0.28	101	32	-47.6	-47.68	100	,,,,,,
SEC2GW34	SEC2GW34	9/15/2016 9:59	ADJ	56.8	39.9	0.2	3.1	0.2	100	27	-47.5	-47.68	100	
SEC2GW34	SEC2GW34	10/26/2016 13:50		56.5	40.4	0.5	2.6	0.04	96	12	-42	-42.12	100	,,,,,,
SEC2GW34	SEC2GW34	10/26/2016 13:50	ADJ	56.5	40.4	0.5	2.6	0.14	96	22	-42	-42.12	100	
SEC2GW34	SEC2GW34	11/22/2016 11:01		58.7	40.7	0.4	0.2	0.22	95	28	-40.8	-40.98	100	,,,,,,
SEC2GW34	SEC2GW34	11/22/2016 11:01	ADJ	58.7	40.7	0.4	0.2	0.01	95	6	-40.7	-40.98	100	
SEC2GW34	SEC2GW34	12/15/2016 15:00		58.2	41.6	0	0.2	---	91	---	-45.4	-45.61	100	,,,,,,
SEC2GW34	SEC2GW34	12/15/2016 15:00	ADJ	58.2	41.6	0	0.2	---	91	---	-45.5	-45.61	100	
SEC2GW35	SEC2GW35	1/28/2016 13:10		49.6	36.8	0	13.6	2.53	89	104	-12.6	-47.49	25	No change,,,,,,
SEC2GW35	SEC2GW35	1/28/2016 13:10	ADJ	49.6	36.8	0	13.6	2.43	89	102	-12.6	-47.49	25	
SEC2GW35	SEC2GW35	2/11/2016 13:47		42.6	34.8	0	22.6	2.68	89	106	-12.6	-52.76	25	Closed valve 1/2 turn or less,,,,,,
SEC2GW35	SEC2GW35	2/11/2016 13:47	ADJ	42.6	34.8	0	22.6	2.12	89	94	-11.3	-52.76	20	
SEC2GW35	SEC2GW35	3/29/2016 12:42		50.5	37	0	12.5	1.94	85	92	-8.6	-49.16	20	No change,,,,,,
SEC2GW35	SEC2GW35	3/29/2016 12:42	ADJ	50.5	37	0	12.5	1.92	85	91	-8.6	-49.16	20	
SEC2GW35	SEC2GW35	4/7/2016 11:48		47.7	37.2	0	15.1	2.07	83	94	-8.9	-52.85	20	Closed valve 1/2 turn or less,,,,,,
SEC2GW35	SEC2GW35	4/7/2016 11:48	ADJ	47.7	37.2	0	15.1	1.4	83	77	-8	-52.85	15	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2GW35	SEC2GW35	5/24/2016 13:21		49.4	38.5	0	12.1	1.43	90	78	-6.3	-47.19	1	Closed valve 1/2 turn or less,,,,,,
SEC2GW35	SEC2GW35	5/24/2016 13:21	ADJ	49.4	38.5	0	12.1	1.31	91	74	-6	-47.19	0.5	
SEC2GW35	SEC2GW35	6/27/2016 11:53		51.5	38.5	0	10	1.42	91	78	-6.4	-49.86	25	No change,,,,,,
SEC2GW35	SEC2GW35	6/27/2016 11:53	ADJ	51.5	38.5	0	10	1.36	91	76	-6.4	-49.86	25	
SEC2GW35	SEC2GW35	7/20/2016 9:44		52.9	38.7	0	8.4	1.13	95	69	-6.1	-39.65	25	,,,,,,
SEC2GW35	SEC2GW35	7/20/2016 9:44	ADJ	52.9	38.7	0	8.4	1.12	95	69	-6.1	-39.65	25	
SEC2GW35	SEC2GW35	8/3/2016 9:25		49.2	37.1	0.3	13.4	1.19	96	71	-6.9	-43.3	25	,,,,,,
SEC2GW35	SEC2GW35	8/3/2016 9:25	ADJ	49.2	37.1	0.3	13.4	1.18	97	70	-6.9	-43.3	25	
SEC2GW35	SEC2GW35	9/15/2016 9:54		50.5	36.4	0.6	12.5	1.2	91	72	-7.1	-48.38	25	,,,,,,
SEC2GW35	SEC2GW35	9/15/2016 9:54	ADJ	50.5	36.4	0.6	12.5	1.09	92	68	-7.1	-48.38	25	
SEC2GW35	SEC2GW35	10/26/2016 13:47		54.7	38	0	7.3	1.15	84	71	-6.2	-42.87	25	,,,,,,
SEC2GW35	SEC2GW35	10/26/2016 13:47	ADJ	54.7	38	0	7.3	1.08	84	69	-6.2	-42.87	25	
SEC2GW35	SEC2GW35	11/22/2016 10:55		54.3	37	0.2	8.5	1.11	80	70	-5.7	-41.84	25	,,,,,,
SEC2GW35	SEC2GW35	11/22/2016 10:55	ADJ	54.3	37	0.2	8.5	1.03	80	67	-5.7	-41.84	25	
SEC2GW35	SEC2GW35	12/15/2016 14:53		49.3	36.2	0	14.5	4.18	82	137	-5.2	-46.23	25	,,,,,,
SEC2GW35	SEC2GW35	12/15/2016 14:53	ADJ	49.3	36.2	0	14.5	4.4	82	141	-5.2	-46.23	25	
SEC2GW37	SEC2GW37	1/28/2016 13:02		46.4	33.7	1.9	18	1.66	84	85	-7.1	-45.21	15	Closed valve 1/2 turn or less,,,,,,
SEC2GW37	SEC2GW37	1/28/2016 13:02	ADJ	46.4	33.7	1.9	18	1.73	84	87	-5.6	-45.21	10	
SEC2GW37	SEC2GW37	2/11/2016 14:17		51.2	37.5	0	11.3	1.24	82	74	-5.2	-51.62	10	No change,,,,,,
SEC2GW37	SEC2GW37	2/11/2016 14:17	ADJ	51.2	37.5	0	11.3	1.63	82	85	-5.1	-51.62	10	
SEC2GW37	SEC2GW37	3/29/2016 12:53		45.1	36.2	0	18.7	0.94	83	63	-6.6	-51.53	10	Closed valve 1/2 turn or less,,,,,,
SEC2GW37	SEC2GW37	3/29/2016 12:53	ADJ	45.1	36.2	0	18.7	1.29	84	74	-4.3	-51.53	5	
SEC2GW37	SEC2GW37	4/7/2016 12:10		38.8	31.7	0.5	29	0.58	84	49	-3.8	-48.81	5	Closed valve 1/2 turn or less,,,,,,
SEC2GW37	SEC2GW37	4/7/2016 12:10	ADJ	38.8	31.7	0.5	29	0.35	84	38	-2.6	-48.81	2	
SEC2GW37	SEC2GW37	5/24/2016 13:44		58.7	41.2	0	0.1	-0.09	96	---	-0.3	-48.15	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW37	SEC2GW37	5/24/2016 13:44	ADJ	58.7	41.2	0	0.1	-0.2	98	---	-1.2	-48.15	---	
SEC2GW37	SEC2GW37	6/27/2016 12:01		51.8	38.9	0	9.3	0.16	96	25	-1.8	-51.11	15	No change,,,,,,
SEC2GW37	SEC2GW37	6/27/2016 12:01	ADJ	51.8	38.9	0	9.3	0.2	97	29	-1.8	-51.11	15	
SEC2GW37	SEC2GW37	7/20/2016 10:04		56.9	39.8	0	3.3	0.18	98	27	-1.4	-40.37	12	,,,,,,
SEC2GW37	SEC2GW37	7/20/2016 10:04	ADJ	56.9	39.8	0	3.3	0.2	99	28	-1.4	-40.37	12	
SEC2GW37	SEC2GW37	8/3/2016 9:49		56.8	39.9	0	3.3	0.26	100	33	-1.5	-45.05	12	,,,,,,
SEC2GW37	SEC2GW37	8/3/2016 9:49	ADJ	56.8	39.9	0	3.3	0.32	100	36	-1.8	-45.05	15	
SEC2GW37	SEC2GW37	9/15/2016 10:12		54.6	37.9	0	7.5	0.28	98	34	-2.3	-49.42	15	,,,,,,
SEC2GW37	SEC2GW37	9/15/2016 10:12	ADJ	54.6	37.9	0	7.5	0.5	98	46	-2.9	-49.42	17.5	
SEC2GW37	SEC2GW37	10/26/2016 14:03		52.1	37.4	0	10.5	0.19	92	28	-2.3	-44.2	17.5	,,,,,,
SEC2GW37	SEC2GW37	10/26/2016 14:03	ADJ	52.1	37.4	0	10.5	0.16	92	26	-2.3	-44.2	17.5	
SEC2GW37	SEC2GW37	11/22/2016 11:18		45.5	34.6	0.2	19.7	0.2	93	28	-2.1	-42.92	17.5	,,,,,,
SEC2GW37	SEC2GW37	11/22/2016 11:18	ADJ	45.5	34.6	0.2	19.7	0.09	92	19	-1.4	-42.92	12.5	
SEC2GW37	SEC2GW37	12/15/2016 15:24		46.8	34.9	1	17.3	0.67	84	54	-0.9	-47.53	12.5	,,,,,,
SEC2GW37	SEC2GW37	12/15/2016 15:24	ADJ	46.8	34.9	1	17.3	0.52	84	47	-0.7	-47.53	10	
SEC2GW38	SEC2GW38	1/28/2016 8:45		55.1	39.4	0	5.5	0.06	99	15	-12.4	-47.68	45	Opened valve 1/2 turn or less,,,,,,
SEC2GW38	SEC2GW38	1/28/2016 8:45	ADJ	55.1	39.4	0	5.5	0.12	100	22	-13.5	-47.68	50	
SEC2GW38	SEC2GW38	2/11/2016 13:26		43.9	36	0	20.1	0.12	100	21	-9.6	-53.09	50	Closed valve 1/2 turn or less,,,,,,
SEC2GW38	SEC2GW38	2/11/2016 13:26	ADJ	43.9	36	0	20.1	0.07	98	16	-8.5	-53.09	45	
SEC2GW38	SEC2GW38	3/29/2016 10:21		54.5	38.9	0	6.6	0.07	98	16	-8.9	-51.1	45	Opened valve 1/2 turn or less,,,,,,
SEC2GW38	SEC2GW38	3/29/2016 10:21	ADJ	54.5	38.9	0	6.6	0.09	100	18	-9.7	-51.1	50	
SEC2GW38	SEC2GW38	4/7/2016 11:29		50.9	38.6	0	10.5	0.08	97	17	-10.2	-53.37	50	No change,,,,,,
SEC2GW38	SEC2GW38	4/7/2016 11:29	ADJ	50.9	38.6	0	10.5	0.08	97	17	-10.2	-53.37	50	
SEC2GW38	SEC2GW38	5/24/2016 13:03		52.5	39.5	0	8	0.15	100	24	-10.2	-48.16	25	No change,,,,,,
SEC2GW38	SEC2GW38	5/24/2016 13:03	ADJ	52.5	39.5	0	8	0.15	100	24	-10.2	-48.16	25	
SEC2GW38	SEC2GW38	6/27/2016 10:43		49.4	37.9	0	12.7	0.16	100	25	-11.9	-52.3	75	Closed valve 1/2 turn or less,,,,,,
SEC2GW38	SEC2GW38	6/27/2016 10:43	ADJ	49.4	37.9	0	12.7	0.14	101	23	-11.3	-52.3	50	
SEC2GW38	SEC2GW38	7/20/2016 9:19		57.1	40.4	0	2.5	0.05	104	13	-8.6	-40.78	50	,,,,,,
SEC2GW38	SEC2GW38	7/20/2016 9:19	ADJ	57.1	40.4	0	2.5	0.05	104	13	-8.6	-40.78	50	
SEC2GW38	SEC2GW38	8/3/2016 8:56		51.8	38.2	0.2	9.8	0.14	102	23	-10.6	-44.33	50	,,,,,,
SEC2GW38	SEC2GW38	8/3/2016 8:56	ADJ	51.8	38.2	0.2	9.8	0.14	102	23	-10.6	-44.33	50	
SEC2GW38	SEC2GW38	9/15/2016 9:23		51.9	37.1	0.5	10.5	-0.11	101	---	-11.2	-48.84	50	,,,,,,
SEC2GW38	SEC2GW38	9/15/2016 9:23	ADJ	51.9	37.1	0.5	10.5	-0.12	101	---	-11.2	-48.84	50	
SEC2GW38	SEC2GW38	10/26/2016 13:25		50.1	36.7	0.8	12.4	0.07	99	16	-11.1	-43.64	50	,,,,,,
SEC2GW38	SEC2GW38	10/26/2016 13:25	ADJ	50.1	36.7	0.8	12.4	0.04	99	13	-10.2	-43.64	45	
SEC2GW38	SEC2GW38	11/22/2016 10:21		53.4	37.5	0.5	8.6	0.2	92	29	-7.1	-42.78	45	,,,,,,
SEC2GW38	SEC2GW38	11/22/2016 10:21	ADJ	53.4	37.5	0.5	8.6	0.19	92	28	-7.2	-42.78	45	
SEC2GW38	SEC2GW38	12/15/2016 14:06		54.1	37.6	0	8.3	0.23	92	31	-7.1	-46.94	45	,,,,,,
SEC2GW38	SEC2GW38	12/15/2016 14:06	ADJ	54.1	37.6	0	8.3	0.23	92	31	-7.3	-46.94	47	
SEC2GW39	SEC2GW39	1/28/2016 8:48		54.3	36.6	0	9.1	-0.01	68	---	-46.9	-47.12	100	No change,,,,,,
SEC2GW39	SEC2GW39	1/28/2016 8:48	ADJ	54.3	36.6	0	9.1	-0.01	69	---	-47.1	-47.12	100	
SEC2GW39	SEC2GW39	2/11/2016 13:30		40.3	32.4	0	27.3	0.02	76	7	-50.1	-50.45	100	Closed valve 1/2 turn or less,,,,,,
SEC2GW39	SEC2GW39	2/11/2016 13:30	ADJ	40.3	32.4	0	27.3	-0.01	76	7	-48.2	-50.45	95	
SEC2GW39	SEC2GW39	3/29/2016 10:24		61.7	38.2	0	0.1	0.02	78	9	-48.3	-51	95	Opened valve 1/2 turn or less,,,,,,
SEC2GW39	SEC2GW39	3/29/2016 10:24	ADJ	61.7	38.2	0	0.1	0.02	79	7	-50.2	-51	100	
SEC2GW39	SEC2GW39	4/7/2016 11:32		47.4	36.5	0	16.1	0	74	1	-52.2	-53.35	100	Closed valve 1/2 turn or less,,,,,,
SEC2GW39	SEC2GW39	4/7/2016 11:32	ADJ	47.4	36.5	0	16.1	0	75	2	-50.2	-53.35	95	
SEC2GW39	SEC2GW39	5/24/2016 13:07		45.1	35.6	0	19.3	0.09	83	17	-45.4	-47.95	15	Closed valve 1/2 turn or less,,,,,,
SEC2GW39	SEC2GW39	5/24/2016 13:07	ADJ	45.1	35.6	0	19.3	0.09	83	17	-41.7	-47.95	11	
SEC2GW39	SEC2GW39	6/27/2016 11:09		41	34.2	0	24.8	0.09	83	17	-45.5	-51.32	15	Closed valve 1/2 turn or less,,,,,,
SEC2GW39	SEC2GW39	6/27/2016 11:09	ADJ	41	34.2	0	24.8	0.09	84	18	-38.6	-51.32	10	
SEC2GW39	SEC2GW39	7/20/2016 9:23		51.3	36.5	0	12.2	0.01	103	5	-29.7	-39.99	5	,,,,,,
SEC2GW39	SEC2GW39	7/20/2016 9:23	ADJ	51.3	36.5	0	12.2	0.02	104	9	-29.7	-39.99	5	
SEC2GW39	SEC2GW39	8/3/2016 9:00		47.9	35.4	0	16.7	0.09	86	18	-31.8	-43.94	5	,,,,,,
SEC2GW39	SEC2GW39	8/3/2016 9:00	ADJ	47.9	35.4	0	16.7	0.08	86	18	-28.9	-43.94	3	
SEC2GW39	SEC2GW39	9/15/2016 9:28		47.1	34	0	18.9	0.02	82	7	-31.4	-48.5	3	,,,,,,
SEC2GW39	SEC2GW39	9/15/2016 9:28	ADJ	47.1	34	0	18.9	0.01	82	7	-31.4	-48.5	3	
SEC2GW39	SEC2GW39	10/26/2016 13:29		50.8	34.3	0.1	14.8	0.01	73	6	-28.9	-43.35	3	,,,,,,
SEC2GW39	SEC2GW39	10/26/2016 13:29	ADJ	50.8	34.3	0.1	14.8	0.01	73	5	-28.9	-43.35	3	
SEC2GW39	SEC2GW39	11/22/2016 10:28		61.1	36.6	0.4	1.9	-0.26	64	---	-28.8	-42.5	3	,,,,,,
SEC2GW39	SEC2GW39	11/22/2016 10:28	ADJ	61.1	36.6	0.4	1.9	-0.14	65	---	-28.7	-42.5	5	
SEC2GW39	SEC2GW39	12/15/2016 14:15		60.9	38.1	0.1	0.9	1.26	25	81	-1.8	-0.04	5	,,,,,,
SEC2GW39	SEC2GW39	12/15/2016 14:15	ADJ	60.9	38.1	0.1	0.9	1.25	25	80	-1.8	-0.04	5	
SEC2GW3A	SEC2GW3A	1/28/2016 8:00		51.9	34.9	0	13.2	0.44	84	43	-19.8	-53.81	30	No change,,,,,,
SEC2GW3A	SEC2GW3A	1/28/2016 8:00	ADJ	51.9	34.9	0	13.2	0.48	85	45	-19.8	-53.81	30	
SEC2GW3A	SEC2GW3A	2/10/2016 10:42		50.8	34	0	15.2	0.41	80	41	-20.6	-56.57	30	No change,,,,,,
SEC2GW3A	SEC2GW3A	2/10/2016 10:42	ADJ	50.8	34	0	15.2	0.47	80	44	-20.6	-56.57	30	
SEC2GW3A	SEC2GW3A	3/29/2016 9:36		51.6	34.2	0	14.2	0.26	80	33	-19.9	-58.26	30	No change,,,,,,
SEC2GW3A	SEC2GW3A	3/29/2016 9:36	ADJ	51.6	34.2	0	14.2	0.45	81	43	-19.9	-58.26	30	
SEC2GW3A	SEC2GW3A	4/7/2016 10:50		52.6	35.5	0	11.9	0.27	79	33	-20.6	-58.59	30	No change,,,,,,
SEC2GW3A	SEC2GW3A	4/7/2016 10:50	ADJ	52.6	35.5	0	11.9	0.45	80	43	-20.7	-58.59	30	
SEC2GW3A	SEC2GW3A	5/24/2016 10:56		54.6	36.2	0	9.2	0.32	82	37	-16.3	-53.82	25	Opened valve 1/2 turn or less,,,,,,
SEC2GW3A	SEC2GW3A	5/24/2016 10:56	ADJ	54.6	36.2	0	9.2	0.45	83	44	-17.1	-53.82	30	
SEC2GW3A	SEC2GW3A	6/27/2016 10:05		50.8	36	0	13.2	0.42	83	41	-22	-57.68	30	No change,,,,,,
SEC2GW3A	SEC2GW3A	6/27/2016 10:05	ADJ	50.8	36	0	13.2	0.42	83	41	-22	-57.68	30	
SEC2GW3A	SEC2GW3A	7/20/2016 8:21		49.3	35.5	0	15.2	0.38	82	39	-19.1	-47.75	25	,,,,,,
SEC2GW3A	SEC2GW3A	7/20/2016 8:21	ADJ	49.3	35.5	0	15.2	0.4	85	40	-19.1	-47.75	25	
SEC2GW3A	SEC2GW3A	8/3/2016 8:00		50.3	35.3	0	14.4	0.38	85	39	-20.1	-50.06	25	,,,,,,
SEC2GW3A	SEC2GW3A	8/3/2016 8:00	ADJ	50.3	35.3	0	14.4	0.33	85	37	-20.1	-50.06	25	
SEC2GW3A	SEC2GW3A	9/15/2016 8:33		53.5	35.6	0.1	10.8	0.42	86	42	-20.3	-51.89	25	,,,,,,
SEC2GW3A	SEC2GW3A	9/15/2016 8:33	ADJ	53.5	35.6	0.1	10.8	0.39	87	40	-20.3	-51.89	25	
SEC2GW3A	SEC2GW3A	9/15/2016 8:35		53.5	35.6	0.1	10.8	0.42	86	42	-20.3	-54.61	25	,,,,,,
SEC2GW3A	SEC2GW3A	9/15/2016 8:35	ADJ	53.5	35.6	0.1	10.8	0.4	87	40	-20.3	-54.61	25	
SEC2GW3A	SEC2GW3A	10/26/2016 12:34		52.3	35.6	0.5	11.6	0.33	86	37	-18.7	-49.73	25	,,,,,,
SEC2GW3A	SEC2GW3A	10/26/2016 12:34	ADJ	52.3	35.6	0.5	11.6	0.32	87	36	-18.7	-49.73	25	
SEC2GW3A	SEC2GW3A	11/22/2016 9:26		51.5	34.6	0.6	13.3	0.26	84	33	-17.5	-49.3	31	,,,,,,
SEC2GW3A	SEC2GW3A	11/22/2016 9:26	ADJ	51.5	34.6	0.6	13.3	0.37	85	39	-17.4	-49.3	31	
SEC2GW3A	SEC2GW3A	12/15/2016 12:56		52.9	33.3	0.2	13.6	0.39	81	41	-16.9	-51.77	31	,,,,,,
SEC2GW3A	SEC2GW3A	12/15/2016 12:56	ADJ	52.9	33.3	0.2	13.6	0.38	81	40	-16.9	-51.77	31	
SEC2GW41	SEC2GW41	1/28/2016 12:55		59.9	39.7	0	0.4	0.05	33	14	-47.2	-47.23	100	No change,Valve fully open,,,,,,
SEC2GW41	SEC2GW41	1/28/2016 12:55	ADJ	59.9	39.7	0	0.4	0.09	34	19	-47.2	-47.23	100	
SEC2GW41	SEC2GW41	2/11/2016 13:37		59.6	40.3	0	0.1	0.01	51	6	-52.7	-52.78	100	No change,Valve fully open,,,,,,
SEC2GW41	SEC2GW41	2/11/2016 13:37	ADJ	59.6	40.3	0	0.1	0.02	52	8	-52.7	-52.78	100	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2GW41	SEC2GW41	3/29/2016 10:29		59.9	40	0	0.1	-0.09	67	---	-51	-51.06	100	No change,Valve fully open,,,,,,
SEC2GW41	SEC2GW41	3/29/2016 10:29	ADJ	59.9	40	0	0.1	-0.06	67	---	-51	-51.06	100	
SEC2GW41	SEC2GW41	4/7/2016 11:38		59.3	40.6	0	0.1	0.33	48	36	-53	-53.06	100	No change,Valve fully open,,,,,,
SEC2GW41	SEC2GW41	4/7/2016 11:38	ADJ	59.3	40.6	0	0.1	0.59	49	49	-53	-53.06	100	
SEC2GW41	SEC2GW41	5/24/2016 13:12		60.1	39.8	0	0.1	0.09	85	18	-47.5	-47.52	100	No change,Valve fully open,,,,,,
SEC2GW41	SEC2GW41	5/24/2016 13:12	ADJ	60.1	39.8	0	0.1	0.12	86	21	-47.5	-47.52	100	
SEC2GW41	SEC2GW41	6/27/2016 11:19		50.3	33.7	2.3	13.7	-0.03	79	---	-50.4	-50.33	100	No change,Valve fully open,,,,,,
SEC2GW41	SEC2GW41	6/27/2016 11:19	ADJ	50.3	33.7	2.3	13.7	0.04	79	12	-50.4	-50.33	100	
SEC2GW41	SEC2GW41	7/20/2016 9:31		51.8	35.7	2.3	10.2	0	86	---	-40.3	-40.23	100	,,,,,,
SEC2GW41	SEC2GW41	7/20/2016 9:31	ADJ	51.8	35.7	2.3	10.2	0.05	86	14	-40.2	-40.23	100	
SEC2GW41	SEC2GW41	8/3/2016 9:08		49	33.3	3.1	14.6	-0.07	85	---	-43.7	-43.63	100	,,,,,,
SEC2GW41	SEC2GW41	8/3/2016 9:08	ADJ	49	33.3	3.1	14.6	0.11	86	20	-43.7	-43.63	80	
SEC2GW41	SEC2GW41	9/15/2016 9:37		46.1	31.2	4.5	18.2	0	69	3	-48.2	-48.25	80	,,,,,,
SEC2GW41	SEC2GW41	9/15/2016 9:37	ADJ	46.1	31.2	4.5	18.2	0.01	70	7	-47.8	-48.25	2	
SEC2GW41	SEC2GW41	10/26/2016 13:37		59	40.7	0.1	0.2	0.02	74	9	-39.5	-43.03	2	,,,,,,
SEC2GW41	SEC2GW41	10/26/2016 13:37	ADJ	59	40.7	0.1	0.2	0.02	74	9	-39.5	-43.03	2	
SEC2GW41	SEC2GW41	11/22/2016 10:40		59.1	40.6	0.2	0.1	0.21	72	29	-38.2	-41.95	2	,,,,,,
SEC2GW41	SEC2GW41	11/22/2016 10:40	ADJ	59.1	40.6	0.2	0.1	-0.01	72	29	-38.4	-41.95	4	
SEC2GW41	SEC2GW41	12/15/2016 14:29		59.2	40.6	0	0.2	-0.04	25	---	0	-0.03	4	,,,,,,
SEC2GW41	SEC2GW41	12/15/2016 14:29	ADJ	59.2	40.6	0	0.2	-0.04	26	---	0	-0.03	8	
SEC2GW41	SEC2GW41	12/15/2016 14:31		59.1	40.8	0	0.1	0.03	27	11	-1	-1.04	8	,,,,,,
SEC2GW41	SEC2GW41	12/15/2016 14:31	ADJ	59.1	40.8	0	0.1	0.03	27	11	-1	-1.04	8	
SEC2GW42	SEC2GW42	1/28/2016 12:52		58.2	41.7	0	0.1	-0.1	51	---	-47.1	-47.27	100	No change,Valve fully open,,,,,,
SEC2GW42	SEC2GW42	1/28/2016 12:52	ADJ	58.2	41.7	0	0.1	0	55	---	-47.2	-47.27	100	
SEC2GW42	SEC2GW42	2/11/2016 13:40		58.9	40.4	0	0.7	0.15	62	71	-52.6	-52.6	100	No change,Valve fully open,,,,,,
SEC2GW42	SEC2GW42	2/11/2016 13:40	ADJ	58.9	40.4	0	0.7	-0.04	63	71	-52.6	-52.6	100	
SEC2GW42	SEC2GW42	3/29/2016 10:32		58.8	41.1	0	0.1	0.01	71	17	-50.9	-50.97	100	No change,Valve fully open,,,,,,
SEC2GW42	SEC2GW42	3/29/2016 10:32	ADJ	58.8	41.1	0	0.1	0.06	72	45	-50.9	-50.97	100	
SEC2GW42	SEC2GW42	4/7/2016 11:41		58.9	41	0	0.1	-0.08	54	---	-53.1	-52.99	100	No change,Valve fully open,,,,,,
SEC2GW42	SEC2GW42	4/7/2016 11:41	ADJ	58.9	41	0	0.1	0.25	56	93	-52.9	-52.99	100	
SEC2GW42	SEC2GW42	5/24/2016 13:15		59.6	40.3	0	0.1	0.11	87	58	-47.4	-47.42	100	No change,Valve fully open,,,,,,
SEC2GW42	SEC2GW42	5/24/2016 13:15	ADJ	59.6	40.3	0	0.1	0.19	88	78	-47.4	-47.42	100	
SEC2GW42	SEC2GW42	6/27/2016 11:24		58.8	40.3	0	0.9	0.12	83	61	-50	-49.99	100	No change,Valve fully open,,,,,,
SEC2GW42	SEC2GW42	6/27/2016 11:24	ADJ	58.8	40.3	0	0.9	0.28	84	96	-50	-49.99	100	
SEC2GW42	SEC2GW42	7/20/2016 9:35		56.5	38.2	0.5	4.8	-0.11	86	---	-39.9	-39.66	100	,,,,,,
SEC2GW42	SEC2GW42	7/20/2016 9:35	ADJ	56.5	38.2	0.5	4.8	-0.01	86	---	-39.3	-39.66	100	
SEC2GW42	SEC2GW42	8/3/2016 9:12		59.2	40.4	0	0.4	0.28	86	96	-43.3	-43.24	100	,,,,,,
SEC2GW42	SEC2GW42	8/3/2016 9:12	ADJ	59.2	40.4	0	0.4	0.24	86	89	-42.7	-43.24	100	
SEC2GW42	SEC2GW42	9/15/2016 9:45		60	39.9	0	0.1	0.09	81	54	-47.6	-48.13	100	,,,,,,
SEC2GW42	SEC2GW42	9/15/2016 9:45	ADJ	60	39.9	0	0.1	-0.08	81	54	-47.6	-48.13	100	
SEC2GW42	SEC2GW42	10/26/2016 13:40		58.9	41	0	0.1	0.18	61	78	-43	-43.06	100	,,,,,,
SEC2GW42	SEC2GW42	10/26/2016 13:40	ADJ	58.9	41	0	0.1	0.27	63	97	-43.1	-43.06	100	
SEC2GW42	SEC2GW42	11/22/2016 10:46		59.1	40.7	0.1	0.1	-0.12	55	---	-41.9	-42.07	100	,,,,,,
SEC2GW42	SEC2GW42	11/22/2016 10:46	ADJ	59.1	40.7	0.1	0.1	-0.23	55	---	-42	-42.07	100	
SEC2GW42	SEC2GW42	12/15/2016 14:38		57.8	42.1	0	0.1	-5.69	26	---	9.9	-0.03	100	,,,,,,
SEC2GW42	SEC2GW42	12/15/2016 14:38	ADJ	57.8	42.1	0	0.1	-6.06	28	---	9.9	-0.03	100	
SEC2GW42	SEC2GW42	12/15/2016 14:40		57.9	42	0	0.1	-7.08	29	---	9.9	-0.03	100	,,,,,,
SEC2GW42	SEC2GW42	12/15/2016 14:40	ADJ	57.9	42	0	0.1	-6.95	29	---	9.9	-0.03	100	
SEC2GW42	SEC2GW42	12/21/2016 14:20		58.7	41.1	0	0.2	-0.36	60	---	-43.8	-43.8	100	,,,,,,
SEC2GW42	SEC2GW42	12/21/2016 14:20	ADJ	58.7	41.1	0	0.2	0	60	6	-43.8	-43.8	100	
SEC2GW42	SEC2GW42	12/22/2016 10:22		58.8	40.9	0.2	0.1	-0.16	54	---	-44.9	-44.86	100	,,,,,,
SEC2GW42	SEC2GW42	12/22/2016 10:22	ADJ	58.8	40.9	0.2	0.1	0.35	54	110	-44.8	-44.86	100	
SEC2GW44	SEC2GW44	1/28/2016 12:03		58.3	41.6	0	0.1	0.31	97	34	-39.5	-47.21	35	Opened 1/2 to 1 turn,,,,,,
SEC2GW44	SEC2GW44	1/28/2016 12:03	ADJ	58.3	41.6	0	0.1	0.39	99	38	-43.4	-47.21	40	
SEC2GW44	SEC2GW44	2/10/2016 12:14		57.7	42.2	0	0.1	0.17	98	25	-46	-48.89	40	Opened 1/2 to 1 turn,,,,,,
SEC2GW44	SEC2GW44	2/10/2016 12:14	ADJ	57.7	42.2	0	0.1	0.2	100	27	-47.4	-48.89	45	
SEC2GW44	SEC2GW44	3/30/2016 6:56		57.6	42.3	0	0.1	0.52	109	43	-49.2	-49.2	100	No change,Valve fully open,,,,,,
SEC2GW44	SEC2GW44	3/30/2016 6:56	ADJ	57.6	42.3	0	0.1	0.49	110	42	-49.2	-49.2	100	
SEC2GW44	SEC2GW44	4/7/2016 15:29		59.6	40.3	0	0.1	0.28	101	32	-50.9	-50.92	100	No change,Valve fully open,,,,,,
SEC2GW44	SEC2GW44	4/7/2016 15:29	ADJ	59.6	40.3	0	0.1	0.19	101	26	-50.9	-50.92	100	
SEC2GW44	SEC2GW44	5/24/2016 15:44		59.3	39.9	0	0.8	0.18	103	26	-44.3	-44.92	100	No change,,,,,,
SEC2GW44	SEC2GW44	5/24/2016 15:44	ADJ	59.3	39.9	0	0.8	0.22	103	28	-44.3	-44.92	100	
SEC2GW44	SEC2GW44	6/27/2016 8:19		59.6	40.3	0	0.1	0.25	102	30	-45.2	-45.86	100	No change,Valve fully open,,,,,,
SEC2GW44	SEC2GW44	6/27/2016 8:19	ADJ	59.6	40.3	0	0.1	0.2	103	27	-45.2	-45.86	100	
SEC2GW44	SEC2GW44	7/20/2016 13:10		59.8	38.9	0.1	1.2	0.16	104	24	-41.7	-42.36	100	,,,,,,
SEC2GW44	SEC2GW44	7/20/2016 13:10	ADJ	59.8	38.9	0.1	1.2	0.2	104	27	-41.7	-42.36	100	
SEC2GW44	SEC2GW44	8/3/2016 13:57		58.8	39.2	0	2	0.26	102	31	-43.4	-44.02	100	,,,,,,
SEC2GW44	SEC2GW44	8/3/2016 13:57	ADJ	58.8	39.2	0	2	0.2	103	27	-43.4	-44.02	100	
SEC2GW44	SEC2GW44	9/15/2016 12:00		59.9	39.8	0.1	0.2	0.19	103	26	-47.2	-47.82	100	,,,,,,
SEC2GW44	SEC2GW44	9/15/2016 12:00	ADJ	59.9	39.8	0.1	0.2	0.25	103	30	-47.2	-47.82	100	
SEC2GW44	SEC2GW44	10/27/2016 9:53		58.6	41.3	0	0.1	0.1	103	19	-42.6	-43.08	100	,,,,,,
SEC2GW44	SEC2GW44	10/27/2016 9:53	ADJ	58.6	41.3	0	0.1	0.15	103	23	-42.6	-43.08	100	
SEC2GW44	SEC2GW44	11/22/2016 13:57		58.7	41.2	0	0.1	-0.04	102	---	-41.8	-42.33	100	,,,,,,
SEC2GW44	SEC2GW44	11/22/2016 13:57	ADJ	58.7	41.2	0	0.1	0.11	103	20	-41.9	-42.33	100	
SEC2GW44	SEC2GW44	12/16/2016 10:01		59.3	40.6	0	0.1	0.18	109	25	-46.3	-46.73	100	,,,,,,
SEC2GW44	SEC2GW44	12/16/2016 10:01	ADJ	59.3	40.6	0	0.1	1	109	62	-34.1	-46.73	100	
SEC2GW44	SEC2GW44	12/22/2016 12:56		59.1	40.8	0	0.1	0.25	107	30	-42.1	-42.49	100	,,,,,,
SEC2GW44	SEC2GW44	12/22/2016 12:56	ADJ	59.1	40.8	0	0.1	0.21	107	28	-42	-42.49	100	
SEC2GW45	SEC2GW45	4/7/2016 15:08		58	41.9	0	0.1	-0.02	46	---	1.6	-52.91	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW45	SEC2GW45	4/7/2016 15:08	ADJ	58	41.9	0	0.1	0.06	107	14	1.2	-52.91	---	
SEC2GW45	SEC2GW45	4/9/2016 12:22		57.6	42.3	0	0.1	0.08	113	17	1.1	-44.91	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW45	SEC2GW45	4/9/2016 12:22	ADJ	57.6	42.3	0	0.1	0.64	116	51	-0.1	-44.91	---	
SEC2GW45	SEC2GW45	4/22/2016 14:10		57.8	42.1	0	0.1	0.64	107	52	-0.7	-43.03	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW45	SEC2GW45	4/22/2016 14:10	ADJ	57.8	42.1	0	0.1	1.09	108	68	-1.7	-43.03	---	
SEC2GW45	SEC2GW45	5/24/2016 15:41		56.2	41.2	0	2.6	1.14	106	69	-2.2	-47.67	15	Opened valve 1/2 turn or less,,,,,,
SEC2GW45	SEC2GW45	5/24/2016 15:41	ADJ	56.2	41.2	0	2.6	1.37	106	76	-2.6	-47.67	20	
SEC2GW45	SEC2GW45	6/7/2016 7:04		57.1	42.2	0.5	0.2	1.35	103	75	-3.2	-49.81	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW45	SEC2GW45	6/7/2016 7:04	ADJ	57.1	42.2	0.5	0.2	1.64	103	83	-4.1	-49.81	---	
SEC2GW45	SEC2GW45	7/20/2016 11:30		33.4	33.6	5.5	27.5	8.21	131	177	-14.5	-43.64	100	,,,,,,
SEC2GW45	SEC2GW45	7/20/2016 11:30	ADJ	33.4	33.6	5.5	27.5	0.41	124	39	-0.5	-43.64	15	
SEC2GW45	SEC2GW45	7/20/2016 11:33		50.7	38.1	2	9.2	0.42	122	41	-0.4	-43.89	15	,,,,,,
SEC2GW45	SEC2GW45	7/20/2016 11:33	ADJ	50.7	38.1	2	9.2	0.44	122	42	-0.4	-43.89	15	
SEC2GW45	SEC2GW45	8/3/2016 13:36		57.7	40.9	0	1.4	0.53	116	46	-0.2	-47.23	15	,,,,,,
SEC2GW45	SEC2GW45	8/3/2016 13:36	ADJ	57.7	40.9	0	1.4	0.61	117	50	-0.1	-47.23	15	
SEC2GW45	SEC2GW45	9/14/2016 15:40		53.2	36.3	3	7.5	1.75	117	86	-2.2	-53.16	25	,,,,,,
SEC2GW45	SEC2GW45	9/14/2016 15:40	ADJ	53.2	36.3	3	7.5	0.99	117	64	-0.7	-53.16	20	
SEC2GW45	SEC2GW45	10/27/2016 9:31		54.9	45	0	0.1	1.4	118	75	-1.8	-47.52	20	,,,,,,
SEC2GW45	SEC2GW45	10/27/2016 9:31	ADJ	54.9	45	0	0.1	1.14	118	68	-1.9	-47.52	25	
SEC2GW45	SEC2GW45	11/22/2016 13:30		57.8	41.9	0.1	0.2	1.24	121	71	-1.9	-46.39	25	,,,,,,
SEC2GW45	SEC2GW45	11/22/2016 13:30	ADJ	57.8	41.9	0.1	0.2	1.35	121	74	-2	-46.39	26	
SEC2GW45	SEC2GW45	12/21/2016 14:47		59.2	39.9	0.1	0.8	1.44	116	78	-2.3	-46.98	26	,,,,,,
SEC2GW45	SEC2GW45	12/21/2016 14:47	ADJ	59.2	39.9	0.1	0.8	3.46	116	122	-5.1	-46.98	35	
SEC2GW45	SEC2GW45	12/22/2016 12:06		49.4	34.9	2.1	13.6	3.48	120	121	-5.6	-46.39	35	,,,,,,
SEC2GW45	SEC2GW45	12/22/2016 12:06	ADJ	49.4	34.9	2.1	13.6	3.38	120	119	-5.5	-46.39	35	
SEC2GW52	SEC2GW52	1/28/2016 12:00		57.8	42.1	0	0.1	0.48	117	41	-43.6	-45.99	100	Opened more than1 turn,Valve fully open,,,,,,
SEC2GW52	SEC2GW52	1/28/2016 12:00	ADJ	57.8	42.1	0	0.1	0.45	119	40	-44.3	-45.99	100	
SEC2GW52	SEC2GW52	2/10/2016 12:10		56.9	43	0	0.1	0.45	116	40	-46	-47.91	100	No change,Valve fully open,,,,,,
SEC2GW52	SEC2GW52	2/10/2016 12:10	ADJ	56.9	43	0	0.1	0.34	117	34	-45.9	-47.91	100	
SEC2GW52	SEC2GW52	3/30/2016 7:04		57.8	42.1	0	0.1	0.35	94	35	-51.2	-52.67	100	Opened valve 1/2 turn or less,,,,,,
SEC2GW52	SEC2GW52	3/30/2016 7:04	ADJ	57.8	42.1	0	0.1	0.26	95	30	-51.6	-52.67	100	
SEC2GW52	SEC2GW52	4/7/2016 15:21		58.1	41.8	0	0.1	0.4	114	38	-48.9	-50.6	100	No change,Valve fully open,,,,,,
SEC2GW52	SEC2GW52	4/7/2016 15:21	ADJ	58.1	41.8	0	0.1	0.49	115	42	-48.9	-50.6	100	
SEC2GW52	SEC2GW52	5/24/2016 15:32		51.5	38.6	0	9.9	0.34	115	35	-42.6	-43.76	100	No change,Header Vacuum loss,,,,,,
SEC2GW52	SEC2GW52	5/24/2016 15:32	ADJ	51.5	38.6	0	9.9	0.33	116	34	-42.6	-43.76	100	
SEC2GW52	SEC2GW52	6/27/2016 8:11		58.7	39.9	0	1.4	0.24	117	29	-43.7	-44.81	100	No change,Valve fully open,,,,,,
SEC2GW52	SEC2GW52	6/27/2016 8:11	ADJ	58.7	39.9	0	1.4	0.29	117	32	-43.7	-44.81	100	
SEC2GW52	SEC2GW52	7/20/2016 12:45		56.6	40.2	0	3.2	0.34	115	35	-39.8	-40.23	100	,,,,,,
SEC2GW52	SEC2GW52	7/20/2016 12:45	ADJ	56.6	40.2	0	3.2	0.29	115	32	-39.7	-40.23	100	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2GW52	SEC2GW52	8/3/2016 13:47		50.3	36.2	1.3	12.2	0.42	114	39	-42	-43.06	100	,,,,,,
SEC2GW52	SEC2GW52	8/3/2016 13:47	ADJ	50.3	36.2	1.3	12.2	0.34	114	35	-42	-43.06	80	
SEC2GW52	SEC2GW52	9/14/2016 16:04		58.8	40.8	0.3	0.1	0.32	116	34	-46.4	-46.86	80	,,,,,,
SEC2GW52	SEC2GW52	9/14/2016 16:04	ADJ	58.8	40.8	0.3	0.1	0.38	116	37	-46.4	-46.86	80	
SEC2GW52	SEC2GW52	10/27/2016 9:46		59.5	40.4	0	0.1	0.16	113	24	-41.6	-41.65	80	,,,,,,
SEC2GW52	SEC2GW52	10/27/2016 9:46	ADJ	59.5	40.4	0	0.1	0.16	114	24	-41.6	-41.65	85	
SEC2GW52	SEC2GW52	11/22/2016 13:49		56.1	39.3	0	4.6	0.09	109	18	-40.8	-41.56	85	,,,,,,
SEC2GW52	SEC2GW52	11/22/2016 13:49	ADJ	56.1	39.3	0	4.6	0.2	109	27	-40.8	-41.56	86	
SEC2GW52	SEC2GW52	12/22/2016 12:43		54.8	39.9	0	5.3	0.12	99	20	-41.2	-42.39	86	,,,,,,
SEC2GW52	SEC2GW52	12/22/2016 12:43	ADJ	54.8	39.9	0	5.3	0.12	101	21	-41.3	-42.39	95	
SEC2GW53	SEC2GW53	3/24/2016 15:45		57.2	42.7	0	0.1	0.03	67	10	3.6	-52.48	0.5	Opened 1/2 to 1 turn,,,,,,
SEC2GW53	SEC2GW53	3/24/2016 15:45	ADJ	57.2	42.7	0	0.1	0.34	127	36	1.7	-52.48	1	
SEC2GW53	SEC2GW53	3/25/2016 13:41		57.4	42.5	0	0.1	0.38	122	39	0	-53.16	1	Opened valve 1/2 turn or less,,,,,,
SEC2GW53	SEC2GW53	3/25/2016 13:41	ADJ	57.4	42.5	0	0.1	0.45	124	42	-0.2	-53.16	1.5	
SEC2GW53	SEC2GW53	3/28/2016 15:11		58.4	41.5	0	0.1	0.59	122	49	-0.8	-52.59	1.5	Opened valve 1/2 turn or less,,,,,,
SEC2GW53	SEC2GW53	3/28/2016 15:11	ADJ	58.4	41.5	0	0.1	0.81	122	58	-1.5	-52.59	2	
SEC2GW53	SEC2GW53	3/30/2016 6:52		57.7	42.2	0	0.1	0.64	119	51	-1.7	-55.4	2	Opened valve 1/2 turn or less,,,,,,
SEC2GW53	SEC2GW53	3/30/2016 6:52	ADJ	57.7	42.2	0	0.1	1.08	120	67	-2.7	-55.4	2.5	
SEC2GW53	SEC2GW53	4/7/2016 15:17		58.9	41	0	0.1	1	119	64	-5	-54.89	2.5	Opened valve 1/2 turn or less,,,,,,
SEC2GW53	SEC2GW53	4/7/2016 15:17	ADJ	58.9	41	0	0.1	1.27	120	72	-6	-54.89	3	
SEC2GW53	SEC2GW53	4/22/2016 14:02		58.4	39.9	0	1.7	1.21	117	71	-5.8	-42.85	3	Opened valve 1/2 turn or less,,,,,,
SEC2GW53	SEC2GW53	4/22/2016 14:02	ADJ	58.4	39.9	0	1.7	1.59	119	81	-6.8	-42.85	3.5	
SEC2GW53	SEC2GW53	5/24/2016 15:29		53.1	39.5	0	7.4	1.65	115	82	-8.7	-46.74	15	No change,,,,,,
SEC2GW53	SEC2GW53	5/24/2016 15:29	ADJ	53.1	39.5	0	7.4	1.74	115	84	-8.6	-46.74	15	
SEC2GW53	SEC2GW53	6/27/2016 8:07		56.1	40.8	0	3.1	1.48	115	78	-9.1	-47.63	---	Opened valve 1/2 turn or less,,,,,,
SEC2GW53	SEC2GW53	6/27/2016 8:07	ADJ	56.1	40.8	0	3.1	2.13	116	94	-10.3	-47.63	---	
SEC2GW53	SEC2GW53	7/20/2016 12:51		54.8	39.9	0	5.3	2.05	115	92	-10.4	-43.41	28	,,,,,,
SEC2GW53	SEC2GW53	7/20/2016 12:51	ADJ	54.8	39.9	0	5.3	1.93	115	89	-10.4	-43.41	28	
SEC2GW53	SEC2GW53	8/3/2016 13:23		51.9	38.7	0	9.4	1.8	115	86	-11.1	-45.61	28	,,,,,,
SEC2GW53	SEC2GW53	8/3/2016 13:23	ADJ	51.9	38.7	0	9.4	1.89	115	88	-11.1	-45.61	28	
SEC2GW53	SEC2GW53	9/14/2016 15:59		58.7	41.1	0.1	0.1	2.06	116	92	-11.7	-50.06	32.5	,,,,,,
SEC2GW53	SEC2GW53	9/14/2016 15:59	ADJ	58.7	41.1	0.1	0.1	2.4	116	100	-12	-50.06	34	
SEC2GW53	SEC2GW53	10/27/2016 9:43		58.3	41.5	0	0.2	1.6	116	81	-13.1	-43.67	34	,,,,,,
SEC2GW53	SEC2GW53	10/27/2016 9:43	ADJ	58.3	41.5	0	0.2	2.14	117	94	-13.9	-43.67	35	
SEC2GW53	SEC2GW53	11/22/2016 13:44		58.2	40.5	0	1.3	2.26	116	96	-14.7	-42.62	35	,,,,,,
SEC2GW53	SEC2GW53	11/22/2016 13:44	ADJ	58.2	40.5	0	1.3	2.08	117	92	-14.8	-42.62	37	
SEC2GW53	SEC2GW53	12/21/2016 14:55		57.9	41.5	0	0.6	2.05	110	92	-15.6	-43.85	37	,,,,,,
SEC2GW53	SEC2GW53	12/21/2016 14:55	ADJ	57.9	41.5	0	0.6	2.11	110	93	-15.4	-43.85	37	
SEC2GW53	SEC2GW53	12/22/2016 12:37		55.7	40.3	0	4	1.8	111	86	-15.8	-42.46	37	,,,,,,
SEC2GW53	SEC2GW53	12/22/2016 12:37	ADJ	55.7	40.3	0	4	2.22	111	95	-16.8	-42.46	40	
SEC2GW5A	SEC2GEW5	1/28/2016 8:12		55.8	38.7	0.2	5.3	0.01	67	5	-1.3	-51.07	1	Opened valve 1/2 turn or less,,,,,,
SEC2GW5A	SEC2GEW5	1/28/2016 8:12	ADJ	55.8	38.7	0.2	5.3	0.05	69	14	-2.1	-51.07	5	
SEC2GW5A	SEC2GEW5	2/10/2016 11:09		50	33.5	3.2	13.3	0.74	73	56	-15.8	-55.62	5	No change,,,,,,
SEC2GW5A	SEC2GEW5	2/10/2016 11:09	ADJ	50	33.5	3.2	13.3	0.63	73	52	-15.9	-55.62	5	
SEC2GW5A	SEC2GEW5	3/29/2016 9:50		48.1	32.8	3.6	15.5	2.12	69	94	-43.7	-52.38	5	Closed valve 1/2 turn or less,,,,,,
SEC2GW5A	SEC2GEW5	3/29/2016 9:50	ADJ	48.1	32.8	3.6	15.5	1.52	69	79	-42.6	-52.38	1	
SEC2GW5A	SEC2GEW5	4/19/2016 14:42		53.8	36.4	0.8	9	0.07	70	17	-2.4	-46.35	1	Opened valve 1/2 turn or less,,,,,,
SEC2GW5A	SEC2GEW5	4/19/2016 14:42	ADJ	53.8	36.4	0.8	9	0.1	70	21	-2.5	-46.35	5	
SEC2GW5A	SEC2GEW5	5/24/2016 12:37		50.7	35.6	2.2	11.5	0.11	75	22	-4.6	-50.72	10	No change,,,,,,
SEC2GW5A	SEC2GEW5	5/24/2016 12:37	ADJ	50.7	35.6	2.2	11.5	0.09	76	19	-4.6	-50.72	10	
SEC2GW5A	SEC2GEW5	6/27/2016 14:52		59.3	40.6	0	0.1	0.2	76	29	-2.7	-48.91	10	Opened valve 1/2 turn or less,,,,,,
SEC2GW5A	SEC2GEW5	6/27/2016 14:52	ADJ	59.3	40.6	0	0.1	0.19	76	29	-3.7	-48.91	15	
SEC2GW5A	SEC2GEW5	7/20/2016 8:43		59.5	40.4	0	0.1	0.25	72	32	-18.4	-44.35	15	,,,,,,
SEC2GW5A	SEC2GEW5	7/20/2016 8:43	ADJ	59.5	40.4	0	0.1	0.24	72	32	-18.4	-44.35	15	
SEC2GW5A	SEC2GEW5	8/3/2016 8:25		58.1	39.6	0	2.3	0.19	75	28	-18.5	-49.28	15	,,,,,,
SEC2GW5A	SEC2GEW5	8/3/2016 8:25	ADJ	58.1	39.6	0	2.3	0.28	75	34	-19.7	-49.28	18	
SEC2GW5A	SEC2GEW5	9/15/2016 8:51		60.2	39.2	0.1	0.5	0.31	75	36	-24.8	-53.04	18	,,,,,,
SEC2GW5A	SEC2GEW5	9/15/2016 8:51	ADJ	60.2	39.2	0.1	0.5	0.33	75	37	-25.3	-53.04	20	
SEC2GW5A	SEC2GEW5	10/26/2016 12:51		59.1	39.6	0	1.3	0.3	74	35	-27.1	-47.58	20	,,,,,,
SEC2GW5A	SEC2GEW5	10/26/2016 12:51	ADJ	59.1	39.6	0	1.3	0.33	74	37	-28	-47.58	25	
SEC2GW5A	SEC2GEW5	11/22/2016 9:49		49	33.3	3.4	14.3	0.41	73	41	-27.8	-45.86	25	,,,,,,
SEC2GW5A	SEC2GEW5	11/22/2016 9:49	ADJ	49	33.3	3.4	14.3	0.22	71	30	-22.8	-45.86	12	
SEC2GW5A	SEC2GEW5	12/15/2016 13:32		59.1	40.7	0	0.2	-0.02	65	---	-2.1	-50.23	12	,,,,,,
SEC2GW5A	SEC2GEW5	12/15/2016 13:32	ADJ	59.1	40.7	0	0.2	-0.01	65	---	-2.1	-50.23	15	
SEC2GW60	SEC2GW60	3/22/2016 15:39		58.8	41.1	0	0.1	-0.21	81	---	1.8	-46.52	0.5	Opened valve 1/2 turn or less,,,,,,
SEC2GW60	SEC2GW60	3/22/2016 15:39	ADJ	58.8	41.1	0	0.1	0.36	94	39	-0.5	-46.52	1	
SEC2GW60	SEC2GW60	3/23/2016 7:12		58.8	41.1	0	0.1	0.56	94	49	-2.6	-50.88	1	Opened valve 1/2 turn or less,,,,,,
SEC2GW60	SEC2GW60	3/23/2016 7:12	ADJ	58.8	41.1	0	0.1	0.82	95	59	-3.1	-50.88	1.5	
SEC2GW60	SEC2GW60	3/24/2016 15:37		59.1	40.8	0	0.1	0.71	97	55	-3.5	-54.41	1.5	Opened valve 1/2 turn or less,,,,,,
SEC2GW60	SEC2GW60	3/24/2016 15:37	ADJ	59.1	40.8	0	0.1	0.97	99	64	-4.5	-54.41	2	
SEC2GW60	SEC2GW60	3/25/2016 13:38		50.9	34.8	2.8	11.5	0.69	99	54	-6.5	-53.48	2	Closed valve 1/2 turn or less,,,,,,
SEC2GW60	SEC2GW60	3/25/2016 13:38	ADJ	50.9	34.8	2.8	11.5	0.49	99	45	-5.5	-53.48	1.5	
SEC2GW60	SEC2GW60	3/28/2016 15:07		59.2	40.7	0	0.1	0.6	99	50	-4.4	-52.7	1.5	Opened valve 1/2 turn or less,,,,,,
SEC2GW60	SEC2GW60	3/28/2016 15:07	ADJ	59.2	40.7	0	0.1	0.77	100	57	-5	-52.7	2	
SEC2GW60	SEC2GW60	3/30/2016 6:49		58.7	41.2	0	0.1	0.75	97	56	-5.7	-55.43	2	Opened valve 1/2 turn or less,,,,,,
SEC2GW60	SEC2GW60	3/30/2016 6:49	ADJ	58.7	41.2	0	0.1	0.98	98	65	-6.7	-55.43	2.5	
SEC2GW60	SEC2GW60	4/7/2016 15:14		58	38.8	0	3.2	1.07	101	67	-9.7	-54.98	2.5	Opened valve 1/2 turn or less,,,,,,
SEC2GW60	SEC2GW60	4/7/2016 15:14	ADJ	58	38.8	0	3.2	1.12	102	69	-10.7	-54.98	3	
SEC2GW60	SEC2GW60	4/22/2016 13:59		51.7	37.6	0	10.7	0.9	103	61	-10.8	-43.2	3	No change,,,,,,
SEC2GW60	SEC2GW60	4/22/2016 13:59	ADJ	51.7	37.6	0	10.7	1.1	104	67	-10.8	-43.2	3	
SEC2GW60	SEC2GW60	5/24/2016 15:26		49	37.5	0	13.5	1.2	106	70	-13	-47.12	15	Closed valve 1/2 turn or less,,,,,,
SEC2GW60	SEC2GW60	5/24/2016 15:26	ADJ	49	37.5	0	13.5	0.83	107	58	-12.2	-47.12	10	
SEC2GW60	SEC2GW60	6/27/2016 8:03		53.2	39	0	7.8	0.99	109	63	-12	-48.28	20	No change,,,,,,
SEC2GW60	SEC2GW60	6/27/2016 8:03	ADJ	53.2	39	0	7.8	0.95	109	62	-12	-48.28	20	
SEC2GW60	SEC2GW60	7/20/2016 12:55		50.7	37.2	0	12.1	0.78	110	56	-11.9	-43.79	22.5	,,,,,,
SEC2GW60	SEC2GW60	7/20/2016 12:55	ADJ	50.7	37.2	0	12.1	0.8	110	57	-11.9	-43.79	22.5	
SEC2GW60	SEC2GW60	8/3/2016 13:19		47.7	36	0	16.3	0.97	111	62	-12.9	-45.79	22.5	,,,,,,
SEC2GW60	SEC2GW60	8/3/2016 13:19	ADJ	47.7	36	0	16.3	0.66	111	51	-11.3	-45.79	20	
SEC2GW60	SEC2GW60	9/14/2016 15:54		60.6	39	0.2	0.2	0.88	81	63	-1.5	-50.86	20	,,,,,,
SEC2GW60	SEC2GW60	9/14/2016 15:54	ADJ	60.6	39	0.2	0.2	0.83	102	60	-1.7	-50.86	20	
SEC2GW60	SEC2GW60	10/27/2016 9:40		56.5	39.3	0	4.2	0.25	112	32	-11.3	-45.1	20	,,,,,,
SEC2GW60	SEC2GW60	10/27/2016 9:40	ADJ	56.5	39.3	0	4.2	0.35	112	37	-11.3	-45.1	22	
SEC2GW60	SEC2GW60	11/22/2016 13:40		53.7	38.2	0.2	7.9	0.44	112	41	-12.1	-43.98	22	,,,,,,
SEC2GW60	SEC2GW60	11/22/2016 13:40	ADJ	53.7	38.2	0.2	7.9	0.44	113	42	-12.1	-43.98	22	
SEC2GW60	SEC2GW60	12/21/2016 14:51		55.5	40.1	0	4.4	0.28	99	33	-13.5	-44.92	22	,,,,,,
SEC2GW60	SEC2GW60	12/21/2016 14:51	ADJ	55.5	40.1	0	4.4	0.67	99	52	-15.6	-44.92	25	
SEC2GW60	SEC2GW60	12/22/2016 12:29		50.9	38.1	0	11	0.79	105	56	-18.9	-44.34	25	,,,,,,
SEC2GW60	SEC2GW60	12/22/2016 12:29	ADJ	50.9	38.1	0	11	0.69	108	52	-18.9	-44.34	25	
SEC2GW62A	SC2GW62A	3/24/2016 15:49		54.6	45.3	0	0.1	0.02	66	9	0.2	-51.63	0.5	Opened valve 1/2 turn or less,,,,,,
SEC2GW62A	SC2GW62A	3/24/2016 15:49	ADJ	54.6	45.3	0	0.1	0.2	87	29	-0.1	-51.63	1	
SEC2GW62A	SC2GW62A	3/25/2016 13:46		48.7	43.9	1.2	6.2	0.22	92	29	-0.4	-52.1	1	Closed valve 1/2 turn or less,,,,,,
SEC2GW62A	SC2GW62A	3/25/2016 13:46	ADJ	48.7	43.9	1.2	6.2	0.17	92	26	-0.2	-52.1	0.5	
SEC2GW62A	SC2GW62A	3/28/2016 15:16		52.2	47.7	0	0.1	0.17	91	26	-0.1	-50.74	0.5	No change,,,,,,
SEC2GW62A	SC2GW62A	3/28/2016 15:16	ADJ	52.2	47.7	0	0.1	0.18	92	27	-0.1	-50.74	0.5	
SEC2GW62A	SC2GW62A	3/30/2016 7:00		51.6	48.3	0	0.1	0.05	86	13	-0.3	-52.9	0.5	No change,,,,,,
SEC2GW62A	SC2GW62A	3/30/2016 7:00	ADJ	51.6	48.3	0	0.1	0.04	88	13	-0.3	-52.9	0.5	
SEC2GW62A	SC2GW62A	4/7/2016 15:11		53	46.9	0	0.1	-0.08	87	---	-0.1	-52.71	0.5	No change,,,,,,
SEC2GW62A	SC2GW62A	4/7/2016 15:11	ADJ	53	46.9	0	0.1	-0.11	88	---	0	-52.71	0.5	
SEC2GW62A	SC2GW62A	4/7/2016 15:32		58.7	41.2	0	0.1	0.02	71	10	-3.2	-52.28	0.5	Opened valve 1/2 turn or less,,,,,,
SEC2GW62A	SC2GW62A	4/7/2016 15:32	ADJ	58.7	41.2	0	0.1	0.02	73	10	-4.2	-52.28	1	
SEC2GW62A	SC2GW62A	4/22/2016 14:06		53.4	46.5	0	0.1	0.08	92	17	-0.1	-41.08	1	Opened valve 1/2 turn or less,,,,,,
SEC2GW62A	SC2GW62A	4/22/2016 14:06	ADJ	53.4	46.5	0	0.1	0.11	93	21	-0.2	-41.08	1.5	
SEC2GW62A	SC2GW62A	5/24/2016 15:35		45.5	40.2	2	12.3	-0.08	105	---	-0.1	-45.52	25	No change,Header Vacuum loss,,,,,,
SEC2GW62A	SC2GW62A	5/24/2016 15:35	ADJ	45.5	40.2	2	12.3	-0.08	105	---	-0.1	-45.52	25	
SEC2GW62A	SC2GW62A	6/27/2016 8:14		51.4	44.9	0	3.7	-0.56	101	---	-0.2	-46.45	25	No change,,,,,,: :
SEC2GW62A	SC2GW62A	6/27/2016 8:14	ADJ	51.4	44.9	0	3.7	-0.6	101	---	-0.2	-46.45	25	
SEC2GW62A	SC2GW62A	6/27/2016 15:55		53.8	45.5	0	0.7	0.17	102	25	-0.2	-44.48	10	No change,,,,,,: :
SEC2GW62A	SC2GW62A	6/27/2016 15:55	ADJ	53.8	45.5	0	0.7	0.16	102	25	-0.2	-44.48	10	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2GW62A	SC2GW62A	7/20/2016 12:39		53.1	46.8	0	0.1	-0.26	100	---	-0.1	-42.06	10	,,,,,,
SEC2GW62A	SC2GW62A	7/20/2016 12:39	ADJ	53.1	46.8	0	0.1	-0.27	101	---	-0.1	-42.06	10	
SEC2GW62A	SC2GW62A	8/3/2016 13:30		50.6	49	0	0.4	0.23	92	29	-0.1	-44.33	10	,,,,,,
SEC2GW62A	SC2GW62A	8/3/2016 13:30	ADJ	50.6	49	0	0.4	0.26	93	32	-0.2	-44.33	10	
SEC2GW62A	SC2GW62A	9/14/2016 15:46		50.7	48.8	0.3	0.2	0.28	90	33	-0.1	-48.98	10	,,,,,,
SEC2GW62A	SC2GW62A	9/14/2016 15:46	ADJ	50.7	48.8	0.3	0.2	0.28	91	33	-0.1	-48.98	10	
SEC2GW62A	SC2GW62A	10/27/2016 9:35		50.4	49.4	0.1	0.1	0.29	84	34	-0.3	-43.2	10	,,,,,,
SEC2GW62A	SC2GW62A	10/27/2016 9:35	ADJ	50.4	49.4	0.1	0.1	0.26	86	32	-0.3	-43.2	10	
SEC2GW62A	SC2GW62A	11/22/2016 13:36		50.7	49.1	0	0.2	-1.1	85	---	-0.1	-41.82	10	,,,,,,
SEC2GW62A	SC2GW62A	11/22/2016 13:36	ADJ	50.7	49.1	0	0.2	-1.01	85	---	-0.1	-41.82	10	
SEC2GW62A	SC2GW62A	12/22/2016 12:21		50.6	49.3	0	0.1	0.12	78	22	-0.7	-42.57	10	,,,,,,
SEC2GW62A	SC2GW62A	12/22/2016 12:21	ADJ	50.6	49.3	0	0.1	0.12	78	21	-0.7	-42.57	10	
SEC2GW63	SEC2GW63	4/5/2016 13:38		58.8	41.1	0	0.1	-0.01	38	---	8.3	-52.96	0.5	Opened valve 1/2 turn or less,,,,,,
SEC2GW63	SEC2GW63	4/5/2016 13:38	ADJ	58.8	41.1	0	0.1	0	47	---	2.9	-52.96	1	
SEC2GW63	SEC2GW63	4/6/2016 15:24		58.6	41.3	0	0.1	0.04	61	14	-0.3	-50.81	1	Opened valve 1/2 turn or less,,,,,,
SEC2GW63	SEC2GW63	4/6/2016 15:24	ADJ	58.6	41.3	0	0.1	0.06	65	15	-2.4	-50.81	1.5	
SEC2GW63	SEC2GW63	4/22/2016 14:16		59.4	40.5	0	0.1	0.02	83	9	-3.9	-40.82	1.5	Opened valve 1/2 turn or less,,,,,,
SEC2GW63	SEC2GW63	4/22/2016 14:16	ADJ	59.4	40.5	0	0.1	0.02	85	10	-5.4	-40.82	2	
SEC2GW63	SEC2GW63	5/24/2016 15:47		59	39.9	0	1.1	0.06	90	15	-5.3	-45.5	2	Opened valve 1/2 turn or less,,,,,,
SEC2GW63	SEC2GW63	5/24/2016 15:47	ADJ	59	39.9	0	1.1	0.06	90	15	-7.4	-45.5	2.5	
SEC2GW63	SEC2GW63	6/27/2016 8:21		59.7	40.2	0	0.1	0.04	85	13	-9	-46.52	50	Opened valve 1/2 turn or less,,,,,,
SEC2GW63	SEC2GW63	6/27/2016 8:21	ADJ	59.7	40.2	0	0.1	0.06	86	16	-11.6	-46.52	50	
SEC2GW63	SEC2GW63	7/20/2016 13:16		58.9	38.9	0	2.2	0.07	88	17	-13.1	-43.06	50	,,,,,,
SEC2GW63	SEC2GW63	7/20/2016 13:16	ADJ	58.9	38.9	0	2.2	0.03	89	11	-13.1	-43.06	50	
SEC2GW63	SEC2GW63	8/3/2016 14:01		57.5	38.6	0	3.9	0.18	90	27	-13.7	-44.83	10	,,,,,,
SEC2GW63	SEC2GW63	8/3/2016 14:01	ADJ	57.5	38.6	0	3.9	0.19	90	27	-16.4	-44.83	12.5	
SEC2GW63	SEC2GW63	9/15/2016 12:12		59.2	39.1	0.3	1.4	0.12	89	22	-18.5	-48.68	12.5	,,,,,,
SEC2GW63	SEC2GW63	9/15/2016 12:12	ADJ	59.2	39.1	0.3	1.4	0.13	89	23	-21.1	-48.68	13	
SEC2GW63	SEC2GW63	10/27/2016 9:27		59.2	40.4	0.3	0.1	0.06	88	16	-20	-44.28	13	,,,,,,
SEC2GW63	SEC2GW63	10/27/2016 9:27	ADJ	59.2	40.4	0.3	0.1	0.12	88	21	-21.7	-44.28	15	
SEC2GW63	SEC2GW63	11/22/2016 14:02		60.1	39.7	0.1	0.1	-0.12	86	---	-23.9	-43.43	15	,,,,,,
SEC2GW63	SEC2GW63	11/22/2016 14:02	ADJ	60.1	39.7	0.1	0.1	0.11	86	20	-24.2	-43.43	16	
SEC2GW63	SEC2GW63	12/21/2016 13:29		59.4	40.5	0	0.1	-0.02	72	---	-23.2	-40.69	16	,,,,,,
SEC2GW63	SEC2GW63	12/21/2016 13:29	ADJ	59.4	40.5	0	0.1	0.28	72	33	-35.6	-40.69	30	
SEC2GW63	SEC2GW63	12/22/2016 13:12		56.3	39.5	0	4.2	0.53	83	46	-38.5	-42.95	30	,,,,,,
SEC2GW63	SEC2GW63	12/22/2016 13:12	ADJ	56.3	39.5	0	4.2	0.14	83	23	-40.2	-42.95	35	
SEC2GW64	SEC2GW64	4/5/2016 14:21		58.9	41	0	0.1	0.01	70	6	1.3	-51.76	0.5	Opened valve 1/2 turn or less,,,,,,
SEC2GW64	SEC2GW64	4/5/2016 14:21	ADJ	58.9	41	0	0.1	0.06	81	16	0.4	-51.76	1	
SEC2GW64	SEC2GW64	4/6/2016 15:19		57	42.9	0	0.1	0.08	113	17	-3.8	-51.33	1	Opened valve 1/2 turn or less,,,,,,
SEC2GW64	SEC2GW64	4/6/2016 15:19	ADJ	57	42.9	0	0.1	0.15	118	24	-4.5	-51.33	1.5	
SEC2GW64	SEC2GW64	4/7/2016 15:25		57	42.9	0	0.1	0.65	120	50	-14.4	-53.6	1.5	Opened valve 1/2 turn or less,,,,,,
SEC2GW64	SEC2GW64	4/7/2016 15:25	ADJ	57	42.9	0	0.1	0.6	122	48	-15.4	-53.6	2	
SEC2GW64	SEC2GW64	4/22/2016 14:13		55.3	39.5	0	5.2	0.71	124	53	-15.2	-41.77	2	Opened valve 1/2 turn or less,,,,,,
SEC2GW64	SEC2GW64	4/22/2016 14:13	ADJ	55.3	39.5	0	5.2	0.73	125	53	-15.9	-41.77	2.5	
SEC2GW64	SEC2GW64	5/24/2016 15:39		51.7	39.2	0	9.1	0.86	123	57	-18.7	-46.51	20	No change,Header Vacuum loss,,,,,,
SEC2GW64	SEC2GW64	5/24/2016 15:39	ADJ	51.7	39.2	0	9.1	0.74	124	53	-18.7	-46.51	20	
SEC2GW64	SEC2GW64	6/27/2016 8:17		58.2	41.3	0	0.5	0.55	126	46	-19.3	-47.53	15	Opened valve 1/2 turn or less,,,,,,
SEC2GW64	SEC2GW64	6/27/2016 8:17	ADJ	58.2	41.3	0	0.5	0.88	127	58	-21	-47.53	15	
SEC2GW64	SEC2GW64	7/20/2016 15:49		56.6	39.5	0.4	3.5	0.4	125	39	-17	-44.15	17.5	,,,,,,
SEC2GW64	SEC2GW64	7/20/2016 15:49	ADJ	56.6	39.5	0.4	3.5	0.34	126	36	-15.5	-44.15	17.5	
SEC2GW64	SEC2GW64	8/3/2016 13:52		56.2	39.3	0	4.5	0.4	125	40	-12.9	-45.21	17.5	,,,,,,
SEC2GW64	SEC2GW64	8/3/2016 13:52	ADJ	56.2	39.3	0	4.5	0.49	125	44	-13.3	-45.21	20	
SEC2GW64	SEC2GW64	9/14/2016 16:08		59	40.5	0.4	0.1	0.52	125	45	-13.5	-49.96	20	,,,,,,
SEC2GW64	SEC2GW64	9/14/2016 16:08	ADJ	59	40.5	0.4	0.1	0.49	125	44	-13.4	-49.96	20	
SEC2GW64	SEC2GW64	10/27/2016 9:49		58.7	41	0.1	0.2	0.24	123	30	-11.9	-43.9	20	,,,,,,
SEC2GW64	SEC2GW64	10/27/2016 9:49	ADJ	58.7	41	0.1	0.2	0.6	124	49	-13.6	-43.9	25	
SEC2GW64	SEC2GW64	11/22/2016 13:54		59.4	40.1	0.1	0.4	0.5	125	44	-21.7	-43.43	25	,,,,,,
SEC2GW64	SEC2GW64	11/22/2016 13:54	ADJ	59.4	40.1	0.1	0.4	0.51	125	44	-21.7	-43.43	26	
SEC2GW64	SEC2GW64	12/21/2016 13:35		58.7	41.2	0	0.1	0.57	100	48	-22.7	-42.05	26	,,,,,,
SEC2GW64	SEC2GW64	12/21/2016 13:35	ADJ	58.7	41.2	0	0.1	1.7	100	83	-29.9	-42.05	45	
SEC2GW64	SEC2GW64	12/22/2016 12:48		57	40.1	0	2.9	0.93	119	59	-34.8	-41.93	45	,,,,,,
SEC2GW64	SEC2GW64	12/22/2016 12:48	ADJ	57	40.1	0	2.9	1	119	61	-35.7	-41.93	50	
SEC2GW6A	SEC2GEW6	1/28/2016 8:14		61.2	38.7	0	0.1	0.26	56	33	-48.3	-48.8	100	No change,Valve fully open,,,,,,
SEC2GW6A	SEC2GEW6	1/28/2016 8:14	ADJ	61.2	38.7	0	0.1	0.29	57	34	-48.6	-48.8	100	
SEC2GW6A	SEC2GEW6	2/11/2016 12:51		59.9	37.4	0	2.7	0.26	56	33	-54.3	-54.67	100	No change,Valve fully open,,,,,,
SEC2GW6A	SEC2GEW6	2/11/2016 12:51	ADJ	59.9	37.4	0	2.7	0.18	55	27	-54.3	-54.67	100	
SEC2GW6A	SEC2GEW6	3/29/2016 9:52		57.5	36.6	0	5.9	0.19	58	28	-52.1	-52.45	100	No change,Valve fully open,,,,,,
SEC2GW6A	SEC2GEW6	3/29/2016 9:52	ADJ	57.5	36.6	0	5.9	0.23	58	30	-52.1	-52.45	100	
SEC2GW6A	SEC2GEW6	4/7/2016 11:05		59.3	38.3	0	2.4	---	55	---	-54.4	-54.61	100	No change,Valve fully open,,,,,,
SEC2GW6A	SEC2GEW6	4/7/2016 11:05	ADJ	59.3	38.3	0	2.4	---	55	---	-54.2	-54.61	100	
SEC2GW6A	SEC2GEW6	5/24/2016 12:39		59.4	38.7	0	1.9	0.29	68	33	-49.4	-49.75	100	No change,Valve fully open,,,,,,
SEC2GW6A	SEC2GEW6	5/24/2016 12:39	ADJ	59.4	38.7	0	1.9	0.28	67	33	-49.4	-49.75	100	
SEC2GW6A	SEC2GEW6	6/27/2016 10:12		56.6	39	0	4.4	0.31	66	34	-53.8	-53.8	100	No change,Valve fully open,,,,,,
SEC2GW6A	SEC2GEW6	6/27/2016 10:12	ADJ	56.6	39	0	4.4	0.36	66	37	-53.8	-53.8	100	
SEC2GW6A	SEC2GEW6	7/20/2016 8:48		59.2	39	0	1.8	0.23	65	30	-42.9	-43.26	100	,,,,,,
SEC2GW6A	SEC2GEW6	7/20/2016 8:48	ADJ	59.2	39	0	1.8	0.26	65	32	-43	-43.26	100	
SEC2GW6A	SEC2GEW6	8/3/2016 8:29		55.5	37.6	0	6.9	0.03	74	10	-45.5	-45.76	100	,,,,,,
SEC2GW6A	SEC2GEW6	8/3/2016 8:29	ADJ	55.5	37.6	0	6.9	0.06	74	15	-45.4	-45.76	100	
SEC2GW6A	SEC2GEW6	9/15/2016 8:55		57.7	37.4	0.4	4.5	0.25	70	31	-49.8	-50.17	100	,,,,,,
SEC2GW6A	SEC2GEW6	9/15/2016 8:55	ADJ	57.7	37.4	0.4	4.5	0.15	70	24	-49.6	-50.17	100	
SEC2GW6A	SEC2GEW6	10/26/2016 12:54		58.3	37.6	0.2	3.9	0.01	66	6	-44.9	-44.58	100	,,,,,,
SEC2GW6A	SEC2GEW6	10/26/2016 12:54	ADJ	58.3	37.6	0.2	3.9	0.08	66	18	-44.6	-44.58	100	
SEC2GW6A	SEC2GEW6	11/22/2016 9:54		58.3	36.5	0.8	4.4	-0.02	64	---	-44.3	-44.52	100	,,,,,,
SEC2GW6A	SEC2GEW6	11/22/2016 9:54	ADJ	58.3	36.5	0.8	4.4	0.38	64	39	-44.7	-44.52	100	
SEC2GW6A	SEC2GEW6	12/15/2016 13:37		60.6	36.8	0.2	2.4	0.18	60	27	-47.9	-48.33	100	,,,,,,
SEC2GW6A	SEC2GEW6	12/15/2016 13:37	ADJ	60.6	36.8	0.2	2.4	0	60	2	-48.1	-48.33	100	
SEC2GW7A	SEC2GEW7	1/28/2016 8:17		60.9	38.7	0	0.4	0.12	56	22	-47.3	-47.5	100	No change,Valve fully open,,,,,,
SEC2GW7A	SEC2GEW7	1/28/2016 8:17	ADJ	60.9	38.7	0	0.4	0.14	57	23	-47.3	-47.5	100	
SEC2GW7A	SEC2GEW7	2/11/2016 12:54		55.4	35.1	0.6	8.9	0.18	55	26	-53	-53.21	100	No change,Valve fully open,,,,,,
SEC2GW7A	SEC2GEW7	2/11/2016 12:54	ADJ	55.4	35.1	0.6	8.9	0.18	55	26	-53	-53.21	100	
SEC2GW7A	SEC2GEW7	3/29/2016 9:54		59.8	37	0	3.2	0.17	56	26	-51.1	-51.28	100	No change,Valve fully open,,,,,,
SEC2GW7A	SEC2GEW7	3/29/2016 9:54	ADJ	59.8	37	0	3.2	0.16	56	26	-51.1	-51.28	100	
SEC2GW7A	SEC2GEW7	4/7/2016 11:08		59.5	37.6	0	2.9	0.15	54	24	-53.7	-53.75	100	No change,Valve fully open,,,,,,
SEC2GW7A	SEC2GEW7	4/7/2016 11:08	ADJ	59.5	37.6	0	2.9	0.14	54	23	-53.7	-53.75	100	
SEC2GW7A	SEC2GEW7	5/24/2016 12:41		59.3	37.9	0	2.8	0.17	63	25	-48.1	-48.31	100	No change,Valve fully open,,,,,,
SEC2GW7A	SEC2GEW7	5/24/2016 12:41	ADJ	59.3	37.9	0	2.8	0.16	62	25	-48.1	-48.31	100	
SEC2GW7A	SEC2GEW7	6/27/2016 10:15		56.4	37.4	0.1	6.1	0.21	65	29	-52.4	-52.47	100	No change,Valve fully open,,,,,,
SEC2GW7A	SEC2GEW7	6/27/2016 10:15	ADJ	56.4	37.4	0.1	6.1	0.24	65	30	-52.5	-52.47	100	
SEC2GW7A	SEC2GEW7	7/20/2016 8:51		60.7	38.2	0	1.1	0.18	92	26	-41.1	-41.28	100	,,,,,,
SEC2GW7A	SEC2GEW7	7/20/2016 8:51	ADJ	60.7	38.2	0	1.1	0.14	92	23	-41.2	-41.28	100	
SEC2GW7A	SEC2GEW7	8/3/2016 8:33		56.2	36.8	0.5	6.5	0.2	66	28	-44.5	-44.7	100	,,,,,,
SEC2GW7A	SEC2GEW7	8/3/2016 8:33	ADJ	56.2	36.8	0.5	6.5	0.2	67	28	-44.5	-44.7	100	
SEC2GW7A	SEC2GEW7	9/15/2016 8:59		57.4	36.4	1.2	5	0.12	66	21	-48.8	-49.08	100	,,,,,,
SEC2GW7A	SEC2GEW7	9/15/2016 8:59	ADJ	57.4	36.4	1.2	5	0.15	66	24	-48.8	-49.08	100	
SEC2GW7A	SEC2GEW7	10/26/2016 12:57		58	36.8	1.2	4	0.13	63	23	-43.9	-43.94	100	,,,,,,
SEC2GW7A	SEC2GEW7	10/26/2016 12:57	ADJ	58	36.8	1.2	4	0.11	63	21	-43.9	-43.94	100	
SEC2GW7A	SEC2GEW7	11/22/2016 9:59		58.4	36.2	1.5	3.9	0.1	61	20	-42.9	-43.24	100	,,,,,,
SEC2GW7A	SEC2GEW7	11/22/2016 9:59	ADJ	58.4	36.2	1.5	3.9	0.07	61	16	-42.9	-43.24	97	
SEC2GW7A	SEC2GEW7	12/15/2016 13:42		59.2	36.4	1.1	3.3	0.07	58	16	-46.9	-47.04	97	,,,,,,
SEC2GW7A	SEC2GEW7	12/15/2016 13:42	ADJ	59.2	36.4	1.1	3.3	0.1	57	20	-46.8	-47.04	100	
SEC2GW9A	SEC2GW9R	1/29/2016 7:25		58.9	39.4	0	1.7	-0.09	39	---	-49.7	-49.78	100	No change,Valve fully open,,,,,,
SEC2GW9A	SEC2GW9R	1/29/2016 7:25	ADJ	58.9	39.4	0	1.7	-0.02	39	---	-49.8	-49.78	100	
SEC2GW9A	SEC2GW9R	2/11/2016 14:24		59.9	40	0	0.1	-0.1	49	---	-53.7	-53.73	100	No change,Valve fully open,,,,,,
SEC2GW9A	SEC2GW9R	2/11/2016 14:24	ADJ	59.9	40	0	0.1	-0.14	49	---	-53.7	-53.73	100	
SEC2GW9A	SEC2GW9R	3/29/2016 13:01		54.3	36.7	0.6	8.4	-0.06	59	---	-49.8	-49.86	100	No change,Valve fully open,,,,,,
SEC2GW9A	SEC2GW9R	3/29/2016 13:01	ADJ	54.3	36.7	0.6	8.4	0.06	58	15	-49.8	-49.86	100	
SEC2GW9A	SEC2GW9R	4/7/2016 12:22		59.6	38.7	0	1.7	0.04	47	12	-54	-54.05	100	No change,Valve fully open,,,,,,
SEC2GW9A	SEC2GW9R	4/7/2016 12:22	ADJ	59.6	38.7	0	1.7	0.04	46	12	-54	-54.05	100	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2GW9A	SEC2GW9R	5/24/2016 13:55		60	39.9	0	0.1	-0.04	79	---	-47.9	-47.96	100	No change,Valve fully open,,,,,,
SEC2GW9A	SEC2GW9R	5/24/2016 13:55	ADJ	60	39.9	0	0.1	-0.04	78	---	-47.9	-47.96	100	
SEC2GW9A	SEC2GW9R	6/27/2016 12:10		55	36.8	1.2	7	0	75	---	-51.1	-51.11	100	No change,Valve fully open,,,,,,
SEC2GW9A	SEC2GW9R	6/27/2016 12:10	ADJ	55	36.8	1.2	7	0.06	74	14	-51.1	-51.11	100	
SEC2GW9A	SEC2GW9R	7/20/2016 10:17		56.9	37.7	0.5	4.9	0.01	80	6	-41	-40.95	100	,,,,,,
SEC2GW9A	SEC2GW9R	7/20/2016 10:17	ADJ	56.9	37.7	0.5	4.9	0.06	80	15	-41.1	-40.95	100	
SEC2GW9A	SEC2GW9R	8/3/2016 10:03		55	37.1	1.1	6.8	0.09	87	18	-44.8	-44.87	100	,,,,,,
SEC2GW9A	SEC2GW9R	8/3/2016 10:03	ADJ	55	37.1	1.1	6.8	0.07	85	16	-44.9	-44.87	90	
SEC2GW9A	SEC2GW9R	9/15/2016 10:37		59.3	38.7	0.4	1.6	0.02	76	8	-49.1	-49.18	90	,,,,,,
SEC2GW9A	SEC2GW9R	9/15/2016 10:37	ADJ	59.3	38.7	0.4	1.6	-0.04	76	8	-49.1	-49.18	100	
SEC2GW9A	SEC2GW9R	10/26/2016 14:12		59.7	39.9	0.3	0.1	0.09	62	19	-44	-44.03	100	,,,,,,
SEC2GW9A	SEC2GW9R	10/26/2016 14:12	ADJ	59.7	39.9	0.3	0.1	0.04	63	11	-44.1	-44.03	100	
SEC2GW9A	SEC2GW9R	11/22/2016 11:32		53.3	36.1	2	8.6	-0.03	74	---	-43.1	-43.13	100	,,,,,,
SEC2GW9A	SEC2GW9R	11/22/2016 11:32	ADJ	53.3	36.1	2	8.6	-0.06	75	---	-43	-43.13	80	
SEC2GW9A	SEC2GW9R	12/15/2016 15:52		56.5	43.4	0	0.1	-18.25	30	---	17.9	17.89	80	,,,,,,
SEC2GW9A	SEC2GW9R	12/15/2016 15:52	ADJ	56.5	43.4	0	0.1	-18.15	30	---	17.8	17.89	70	
SEC2GW9A	SEC2GW9R	12/22/2016 11:46		51.9	35.2	3.3	9.6	-0.06	57	---	-44.6	-44.57	80	,,,,,,
SEC2GW9A	SEC2GW9R	12/22/2016 11:46	ADJ	51.9	35.2	3.3	9.6	-0.03	57	---	-44.5	-44.57	70	
Sector 2 Horizontal														
S2P01OC2	SEC2P01OC2	1/28/2016 15:33		57.5	42.4	0	0.1	0.36	134	36	-31.6	-31.72	---	No change,Valve fully open,,,,,,
S2P01OC2	SEC2P01OC2	1/28/2016 15:33	ADJ	57.5	42.4	0	0.1	0.3	135	33	-31.6	-31.72	---	
S2P01OC2	SEC2P01OC2	2/11/2016 14:02		57.2	42.1	0	0.7	0.5	135	42	-33.4	-33.35	---	No change,Valve fully open,,,,,,
S2P01OC2	SEC2P01OC2	2/11/2016 14:02	ADJ	57.2	42.1	0	0.7	0.26	135	30	-33.3	-33.35	---	
S2P01OC5	SEC2P01OC5	1/29/2016 7:24		53	46.9	0	0.1	---	58	---	-49.8	-49.8	100	No change,Valve fully open,,,,,,
S2P01OC5	SEC2P01OC5	1/29/2016 7:24	ADJ	53	46.9	0	0.1	---	61	---	-49.8	-49.8	100	
S2P01OC5	SEC2P01OC5	2/11/2016 14:22		53.2	46.7	0	0.1	0.19	64	26	-53.8	-53.78	100	No change,Valve fully open,,,,,,
S2P01OC5	SEC2P01OC5	2/11/2016 14:22	ADJ	53.2	46.7	0	0.1	-0.01	67	26	-53.7	-53.78	100	
S2P01OC5	SEC2P01OC5	3/29/2016 12:59		54.3	45.6	0	0.1	0.01	85	5	-49.9	-49.93	100	No change,Valve fully open,,,,,,
S2P01OC5	SEC2P01OC5	3/29/2016 12:59	ADJ	54.3	45.6	0	0.1	0.02	85	7	-49.9	-49.93	100	
S2P01OC5	SEC2P01OC5	4/7/2016 12:19		54.4	45.5	0	0.1	0.06	78	14	-54	-54.05	100	No change,Valve fully open,,,,,,
S2P01OC5	SEC2P01OC5	4/7/2016 12:19	ADJ	54.4	45.5	0	0.1	0.28	79	32	-54	-54.05	100	
S2P01OC5	SEC2P01OC5	5/24/2016 13:53		55.5	44.4	0	0.1	-0.01	94	---	-48	-47.99	100	No change,Valve fully open,,,,,,
S2P01OC5	SEC2P01OC5	5/24/2016 13:53	ADJ	55.5	44.4	0	0.1	-0.02	95	---	-48	-47.99	100	
S2P01OC5	SEC2P01OC5	6/27/2016 12:07		55.1	44.8	0	0.1	0.06	95	14	-51.1	-51.09	100	No change,Valve fully open,,,,,,
S2P01OC5	SEC2P01OC5	6/27/2016 12:07	ADJ	55.1	44.8	0	0.1	0.04	95	11	-51	-51.09	100	
S2P01OC5	SEC2P01OC5	7/20/2016 10:14		55.1	44.8	0	0.1	0.26	101	31	-41	-41.15	100	,,,,,,
S2P01OC5	SEC2P01OC5	7/20/2016 10:14	ADJ	55.1	44.8	0	0.1	0.34	101	35	-41	-41.15	100	
S2P01OC5	SEC2P01OC5	8/3/2016 9:58		55.4	44.5	0	0.1	0.42	102	39	-44.8	-44.85	100	,,,,,,
S2P01OC5	SEC2P01OC5	8/3/2016 9:58	ADJ	55.4	44.5	0	0.1	0.08	103	16	-44.9	-44.85	100	
S2P01OC5	SEC2P01OC5	9/15/2016 10:34		55	44.3	0.6	0.1	0	95	1	-49.2	-49.23	100	,,,,,,
S2P01OC5	SEC2P01OC5	9/15/2016 10:34	ADJ	55	44.3	0.6	0.1	0.28	99	31	-49.2	-49.23	100	
S2P01OC5	SEC2P01OC5	10/26/2016 14:10		54	45.8	0.1	0.1	-0.01	79	---	-44	-44.06	100	,,,,,,
S2P01OC5	SEC2P01OC5	10/26/2016 14:10	ADJ	54	45.8	0.1	0.1	0.03	81	9	-44	-44.06	100	
S2P01OC5	SEC2P01OC5	11/22/2016 11:28		53.6	46.2	0	0.2	0.11	70	20	-43.1	-43.18	100	,,,,,,
S2P01OC5	SEC2P01OC5	11/22/2016 11:28	ADJ	53.6	46.2	0	0.2	0.32	70	34	-43.2	-43.18	100	
S2P01OC5	SEC2P01OC5	12/15/2016 15:46		54.7	44.3	0.8	0.2	---	65	---	-47.8	-47.81	100	,,,,,,
S2P01OC5	SEC2P01OC5	12/15/2016 15:46	ADJ	54.7	44.3	0.8	0.2	---	65	---	-47.8	-47.81	100	
S2P04OC4	SEC2P04OC4	1/28/2016 13:52		43.5	34.5	0.9	21.1	0.21	102	29	-5	-47.8	1	Closed valve 1/2 turn or less,,,,,,
S2P04OC4	SEC2P04OC4	1/28/2016 13:52	ADJ	43.5	34.5	0.9	21.1	0.04	102	12	-4.4	-47.8	0.5	
S2P04OC4	SEC2P04OC4	2/11/2016 15:18		56.9	43	0	0.1	0	90	---	-0.9	-51.95	0.5	Opened valve 1/2 turn or less,,,,,,
S2P04OC4	SEC2P04OC4	2/11/2016 15:18	ADJ	56.9	43	0	0.1	0.08	92	18	-1.3	-51.95	1	
S2P04OC4	SEC2P04OC4	3/29/2016 14:11		57.6	42.3	0	0.1	0.26	90	33	-0.8	-49.82	1	Opened valve 1/2 turn or less,,,,,,
S2P04OC4	SEC2P04OC4	3/29/2016 14:11	ADJ	57.6	42.3	0	0.1	0.34	92	38	-1.3	-49.82	1.5	
S2P04OC4	SEC2P04OC4	4/7/2016 13:32		48.3	36.7	0	15	0.08	94	17	-6.2	-53.07	1.5	Closed valve 1/2 turn or less,,,,,,
S2P04OC4	SEC2P04OC4	4/7/2016 13:32	ADJ	48.3	36.7	0	15	0.03	93	10	-5.7	-53.07	1	
S2P04OC4	SEC2P04OC4	5/24/2016 14:45		57.7	42.2	0	0.1	0.53	91	47	-0.4	-44.9	1	Opened valve 1/2 turn or less,Header Vacuum loss,,,,,,
S2P04OC4	SEC2P04OC4	5/24/2016 14:45	ADJ	57.7	42.2	0	0.1	0.19	96	28	-0.9	-44.9	1.5	
S2P04OC4	SEC2P04OC4	6/27/2016 13:45		54.5	40.6	0	4.9	0.28	100	33	-25.5	-46.42	---	Opened valve 1/2 turn or less,,,,,,
S2P04OC4	SEC2P04OC4	6/27/2016 13:45	ADJ	54.5	40.6	0	4.9	0.57	101	47	-26.7	-46.42	---	
S2P04OC4	SEC2P04OC4	7/20/2016 11:51		54	39.5	0.2	6.3	0.09	102	18	-24.3	-40.44	---	,,,,,,
S2P04OC4	SEC2P04OC4	7/20/2016 11:51	ADJ	54	39.5	0.2	6.3	0.72	102	53	-24.3	-40.44	0	
S2P04OC4	SEC2P04OC4	8/3/2016 11:27		55.1	38.9	0	6	0.64	101	51	-24.4	-42.2	0	,,,,,,
S2P04OC4	SEC2P04OC4	8/3/2016 11:27	ADJ	55.1	38.9	0	6	0.88	101	59	-25.3	-42.2	---	
S2P04OC4	SEC2P04OC4	9/15/2016 11:43		60.2	39.6	0	0.2	-0.02	99	---	-45.7	-46.9	0	,,,,,,
S2P04OC4	SEC2P04OC4	9/15/2016 11:43	ADJ	60.2	39.6	0	0.2	-0.11	99	---	-45.9	-46.9	---	
S2P04OC4	SEC2P04OC4	10/26/2016 15:01		58.9	41	0	0.1	0.65	96	50	-41.3	-40.8	0	,,,,,,
S2P04OC4	SEC2P04OC4	10/26/2016 15:01	ADJ	58.9	41	0	0.1	-0.32	97	50	-40.7	-40.8	---	
S2P04OC4	SEC2P04OC4	11/22/2016 13:03		56.6	37.3	1.7	4.4	-0.15	14	---	-37.2	-37.24	0	,,,,,,
S2P04OC4	SEC2P04OC4	11/22/2016 13:03	ADJ	56.6	37.3	1.7	4.4	0.03	14	12	-36.9	-37.24	---	
S2P04OC4	SEC2P04OC4	12/16/2016 9:49		58.8	41.1	0	0.1	-0.03	67	---	-44.9	-44.97	2	,,,,,,
S2P04OC4	SEC2P04OC4	12/16/2016 9:49	ADJ	58.8	41.1	0	0.1	-0.04	67	---	-44.7	-44.97	1.5	
S2P08OC1	SEC2P08OC1	1/28/2016 12:32		47.3	36.5	0	16.2	0.21	62	30	-0.2	-36.12	0.5	No change,Valve barely open,,,,,,
S2P08OC1	SEC2P08OC1	1/28/2016 12:32	ADJ	47.3	36.5	0	16.2	0.22	64	31	-0.1	-36.12	0.5	
S2P08OC1	SEC2P08OC1	2/12/2016 8:40		47.5	36.2	0	16.3	0.03	60	11	-0.1	-40.28	0.5	No change,Valve barely open,,,,,,
S2P08OC1	SEC2P08OC1	2/12/2016 8:40	ADJ	47.5	36.2	0	16.3	0	62	3	-0.1	-40.28	0.5	
S2P08OC2	SEC2P08OC2	1/28/2016 13:25		55.5	44.4	0	0.1	0	109	---	-31.4	-31.28	1	No change,Valve fully open,,,,,,
S2P08OC2	SEC2P08OC2	1/28/2016 13:25	ADJ	55.5	44.4	0	0.1	0.06	109	14	-31.3	-31.28	1	
S2P08OC2	SEC2P08OC2	2/11/2016 13:54		55	44.9	0	0.1	0.01	110	6	-34.5	-34.44	1	No change,Valve fully open,,,,,,
S2P08OC2	SEC2P08OC2	2/11/2016 13:54	ADJ	55	44.9	0	0.1	0.02	110	9	-34.4	-34.44	1	
S2P08OC8	SEC2P08OC8	1/28/2016 8:26		45.7	35.1	0.4	18.8	-0.19	91	---	-0.8	-47.55	1	Closed valve 1/2 turn or less,,,,,,
S2P08OC8	SEC2P08OC8	1/28/2016 8:26	ADJ	45.7	35.1	0.4	18.8	0.14	91	23	-0.3	-47.55	0.5	
S2P08OC8	SEC2P08OC8	2/11/2016 13:04		46.2	35	1	17.8	0.25	93	32	-0.1	-53.27	0.5	No change,Valve barely open,,,,,,
S2P08OC8	SEC2P08OC8	2/11/2016 13:04	ADJ	46.2	35	1	17.8	0.22	94	30	-0.1	-53.27	0.5	
S2P08OC8	SEC2P08OC8	3/29/2016 10:02		58.1	41.8	0	0.1	0	98	2	-0.2	-51.23	0.5	Opened valve 1/2 turn or less,,,,,,
S2P08OC8	SEC2P08OC8	3/29/2016 10:02	ADJ	58.1	41.8	0	0.1	0	98	2	-0.3	-51.23	1	
S2P08OC8	SEC2P08OC8	4/7/2016 11:14		58.4	41.5	0	0.1	0.2	96	29	-0.3	-53.8	1	Opened valve 1/2 turn or less,,,,,,
S2P08OC8	SEC2P08OC8	4/7/2016 11:14	ADJ	58.4	41.5	0	0.1	0.14	97	24	-0.5	-53.8	1.5	
S2P08OC8	SEC2P08OC8	5/24/2016 12:47		51.6	37.8	0	10.6	0.44	96	43	-0.4	-48.04	1	No change,,,,,,
S2P08OC8	SEC2P08OC8	5/24/2016 12:47	ADJ	51.6	37.8	0	10.6	0.29	96	34	-0.4	-48.04	1	
S2P08OC8	SEC2P08OC8	6/27/2016 10:22		49.4	37.3	0	13.3	0.22	97	30	-0.2	-52.28	0.5	No change,Valve barely open,,,,,,
S2P08OC8	SEC2P08OC8	6/27/2016 10:22	ADJ	49.4	37.3	0	13.3	0.29	97	34	-0.2	-52.28	0.5	
S2P08OC8	SEC2P08OC8	7/20/2016 9:03		55.5	39	0	5.5	0.16	102	26	-0.2	-41.05	0.5	,,,,,,
S2P08OC8	SEC2P08OC8	7/20/2016 9:03	ADJ	55.5	39	0	5.5	0.17	102	26	-0.2	-41.05	0.5	
S2P08OC8	SEC2P08OC8	8/3/2016 8:44		53.1	38.2	0	8.7	0.25	100	32	-0.1	-44.16	0.5	,,,,,,
S2P08OC8	SEC2P08OC8	8/3/2016 8:44	ADJ	53.1	38.2	0	8.7	0.28	100	34	-0.7	-44.16	1	
S2P08OC8	SEC2P08OC8	9/15/2016 9:09		50.7	36.9	0	12.4	0.18	99	27	-1	-48.36	1	,,,,,,
S2P08OC8	SEC2P08OC8	9/15/2016 9:09	ADJ	50.7	36.9	0	12.4	0.31	99	36	-0.7	-48.36	1	
S2P08OC8	SEC2P08OC8	10/26/2016 13:04		51.6	37.3	0	11.1	0.27	94	33	-2.2	-43.22	1	,,,,,,
S2P08OC8	SEC2P08OC8	10/26/2016 13:04	ADJ	51.6	37.3	0	11.1	0.65	95	52	-2.7	-43.22	2	
S2P08OC8	SEC2P08OC8	11/22/2016 10:11		51.4	37.4	0.2	11	0.13	90	23	-1.3	-42.53	2	,,,,,,
S2P08OC8	SEC2P08OC8	11/22/2016 10:11	ADJ	51.4	37.4	0.2	11	0.14	89	24	-1.2	-42.53	2	
S2P08OC8	SEC2P08OC8	12/15/2016 13:54		46.7	35	0.3	18	0.37	85	40	-1.2	-46.38	2	,,,,,,
S2P08OC8	SEC2P08OC8	12/15/2016 13:54	ADJ	46.7	35	0.3	18	0.35	86	39	-1.2	-46.38	1.5	
S2P09OC1	SEC2P09OC1	1/28/2016 12:35		34.7	31	0	34.3	-0.5	62	---	-0.1	-47.53	1	No change,Valve fully open,,,,,,
S2P09OC1	SEC2P09OC1	1/28/2016 12:35	ADJ	34.7	31	0	34.3	-0.48	63	---	-0.1	-47.53	1	
S2P09OC1	SEC2P09OC1	2/12/2016 8:43		23.2	27	0	49.8	-0.48	63	---	-0.1	-53.49	1	No change,Valve barely open,,,,,,
S2P09OC1	SEC2P09OC1	2/12/2016 8:43	ADJ	23.2	27	0	49.8	-0.51	64	---	-0.1	-53.49	1	
S2P09OC1	SEC2P09OC1	3/30/2016 8:03		59.7	40.2	0	0.1	-0.03	66	---	-0.1	-52.86	1	Opened valve 1/2 turn or less,,,,,,
S2P09OC1	SEC2P09OC1	3/30/2016 8:03	ADJ	59.7	40.2	0	0.1	0.05	70	15	-0.2	-52.86	1.5	
S2P09OC1	SEC2P09OC1	4/19/2016 15:12		56.8	38.5	0	4.7	0.31	82	37	-0.6	-43.85	1.5	Opened valve 1/2 turn or less,,,,,,
S2P09OC1	SEC2P09OC1	4/19/2016 15:12	ADJ	56.8	38.5	0	4.7	0.24	82	32	-0.6	-43.85	2	
S2P09OC1	SEC2P09OC1	5/23/2016 15:55		46	35	0	19	0.48	86	45	-0.6	-47.74	2	Closed valve 1/2 turn or less,,,,,,
S2P09OC1	SEC2P09OC1	5/23/2016 15:55	ADJ	46	35	0	19	0.28	86	34	-0.2	-47.74	1	
S2P09OC1	SEC2P09OC1	6/27/2016 8:50		34.6	28.9	0	36.5	0.3	85	35	-0.3	-50.1	1.5	Closed valve 1/2 turn or less,,,,,,
S2P09OC1	SEC2P09OC1	6/27/2016 8:50	ADJ	34.6	28.9	0	36.5	0.12	85	22	-0.2	-50.1	1	
S2P09OC1	SEC2P09OC1	7/20/2016 15:12		45.1	33.9	0	21	-0.08	86	---	-0.1	-43.55	1	,,,,,,
S2P09OC1	SEC2P09OC1	7/20/2016 15:12	ADJ	45.1	33.9	0	21	-0.04	86	---	-0.1	-43.55	1	
S2P09OC1	SEC2P09OC1	8/3/2016 14:38		38.6	31.2	0	30.2	0.22	89	30	-0.1	-45.55	1	,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
S2P09OC1	SEC2P09OC1	8/3/2016 14:38	ADJ	38.6	31.2	0	30.2	0.28	89	34	-0.1	-45.55	1	
S2P09OC1	SEC2P09OC1	9/14/2016 14:38		37.4	31.5	0.3	30.8	0.35	84	38	-0.1	-49.33	1	,,,,,,
S2P09OC1	SEC2P09OC1	9/14/2016 14:38	ADJ	37.4	31.5	0.3	30.8	0.3	84	35	-0.1	-49.33	1	
S2P09OC1	SEC2P09OC1	10/27/2016 8:52		47.4	35.1	0	17.5	0.05	77	14	-0.1	-44.15	1	,,,,,,
S2P09OC1	SEC2P09OC1	10/27/2016 8:52	ADJ	47.4	35.1	0	17.5	0.04	78	12	-0.1	-44.15	1	
S2P09OC1	SEC2P09OC1	11/22/2016 14:41		47.2	35.4	0.1	17.3	0.06	73	15	-0.1	-43.21	1	,,,,,,
S2P09OC1	SEC2P09OC1	11/22/2016 14:41	ADJ	47.2	35.4	0.1	17.3	0.05	73	14	-0.1	-43.21	1	
S2P09OC1	SEC2P09OC1	12/22/2016 10:47		51.2	37.2	0	11.6	-0.08	76	---	-0.2	-44.58	1	,,,,,,
S2P09OC1	SEC2P09OC1	12/22/2016 10:47	ADJ	51.2	37.2	0	11.6	-0.11	78	---	-0.2	-44.58	1	
S2P10OC5	SEC2P10OC5	1/28/2016 12:44		59.6	38.3	1.4	0.7	-0.01	37	---	-28.4	-47.06	20	Opened valve 1/2 turn or less,,,,,,
S2P10OC5	SEC2P10OC5	1/28/2016 12:44	ADJ	59.6	38.3	1.4	0.7	0.18	37	27	-43	-47.06	25	
S2P10OC5	SEC2P10OC5	2/12/2016 9:23		35.6	29.9	0	34.5	0.48	48	44	-31.2	-53.08	25	Closed valve 1/2 turn or less,,,,,,
S2P10OC5	SEC2P10OC5	2/12/2016 9:23	ADJ	35.6	29.9	0	34.5	0.11	49	21	-21.5	-53.08	20	
S2P10OC5	SEC2P10OC5	3/30/2016 8:12		53.8	39.4	0	6.8	-0.1	51	---	-43.1	-50.85	20	No change,,,,,,
S2P10OC5	SEC2P10OC5	3/30/2016 8:12	ADJ	53.8	39.4	0	6.8	0.54	50	47	-41.6	-50.85	20	
S2P10OC5	SEC2P10OC5	4/19/2016 15:20		58.8	39	0	2.2	-0.04	62	---	-7.3	-40.83	20	Opened valve 1/2 turn or less,,,,,,
S2P10OC5	SEC2P10OC5	4/19/2016 15:20	ADJ	58.8	39	0	2.2	0	62	---	-8.4	-40.83	25	
S2P10OC5	SEC2P10OC5	5/23/2016 16:03		34	31.2	0	34.8	-0.48	86	---	-12.4	-47.15	6	Closed valve 1/2 turn or less,,,,,,
S2P10OC5	SEC2P10OC5	5/23/2016 16:03	ADJ	34	31.2	0	34.8	0.25	86	31	-10.9	-47.15	5.5	
S2P10OC5	SEC2P10OC5	6/27/2016 9:01		54.8	38.8	0	6.4	0.46	81	44	-6	-50.31	4	Opened valve 1/2 turn or less,,,,,,
S2P10OC5	SEC2P10OC5	6/27/2016 9:01	ADJ	54.8	38.8	0	6.4	0.18	82	28	-7.1	-50.31	5	
S2P10OC5	SEC2P10OC5	7/20/2016 15:34		38.2	31.7	0	30.1	0.07	92	16	-2.6	-43.03	5	,,,,,,
S2P10OC5	SEC2P10OC5	7/20/2016 15:34	ADJ	38.2	31.7	0	30.1	0.05	95	13	-2.4	-43.03	5	
S2P10OC5	SEC2P10OC5	8/3/2016 14:56		37.9	31.5	0	30.6	0.14	111	23	-2.1	-44.89	5	,,,,,,
S2P10OC5	SEC2P10OC5	8/3/2016 14:56	ADJ	37.9	31.5	0	30.6	0.12	111	21	-1.6	-44.89	3	
S2P10OC5	SEC2P10OC5	9/14/2016 14:26		44	33.6	0.1	22.3	0.19	87	28	-1.1	-48.35	3	,,,,,,
S2P10OC5	SEC2P10OC5	9/14/2016 14:26	ADJ	44	33.6	0.1	22.3	0.19	87	28	-0.9	-48.35	2	
S2P10OC5	SEC2P10OC5	10/27/2016 8:37		54.1	35.8	0	10.1	0.02	55	10	-11.8	-42.62	3	,,,,,,
S2P10OC5	SEC2P10OC5	10/27/2016 8:37	ADJ	54.1	35.8	0	10.1	0.07	55	17	-11.6	-42.62	3	
S2P10OC5	SEC2P10OC5	11/22/2016 14:53		61.8	38.1	0	0.1	0.01	48	5	-14.9	-42.07	3	,,,,,,
S2P10OC5	SEC2P10OC5	11/22/2016 14:53	ADJ	61.8	38.1	0	0.1	-0.15	48	5	-15	-42.07	5	
S2P10OC5	SEC2P10OC5	12/22/2016 10:31		61.1	37.9	0	1	-0.08	48	---	-7.1	-44.42	5	,,,,,,
S2P10OC5	SEC2P10OC5	12/22/2016 10:31	ADJ	61.1	37.9	0	1	0.02	48	10	-7.6	-44.42	7	
S2P10OC6	SEC2P10OC6	1/28/2016 12:42		51.2	37	0	11.8	1	90	66	-1.3	-47.2	5	No change,,,,,,
S2P10OC6	SEC2P10OC6	1/28/2016 12:42	ADJ	51.2	37	0	11.8	1.02	90	66	-1.4	-47.2	5	
S2P10OC6	SEC2P10OC6	2/12/2016 9:21		45.8	35	0	19.2	1.04	88	67	-1.5	-52.13	5	Closed valve 1/2 turn or less,,,,,,
S2P10OC6	SEC2P10OC6	2/12/2016 9:21	ADJ	45.8	35	0	19.2	0.33	88	37	-0.4	-52.13	4.5	
S2P10OC6	SEC2P10OC6	3/30/2016 8:10		59.4	40.5	0	0.1	0.32	86	37	-0.5	-50.54	4.5	Opened valve 1/2 turn or less,,,,,,
S2P10OC6	SEC2P10OC6	3/30/2016 8:10	ADJ	59.4	40.5	0	0.1	0.67	87	54	-0.9	-50.54	5	
S2P10OC6	SEC2P10OC6	4/19/2016 15:17		58.9	39	0	2.1	0.51	89	47	-0.7	-40.74	5	Opened valve 1/2 turn or less,,,,,,
S2P10OC6	SEC2P10OC6	4/19/2016 15:17	ADJ	58.9	39	0	2.1	0.63	90	53	-0.9	-40.74	5.5	
S2P10OC6	SEC2P10OC6	5/23/2016 16:01		49.9	36.2	0	13.9	0.85	91	61	-1.1	-46.89	5	No change,,,,,,
S2P10OC6	SEC2P10OC6	5/23/2016 16:01	ADJ	49.9	36.2	0	13.9	0.95	91	64	-1.1	-46.89	5	
S2P10OC6	SEC2P10OC6	6/27/2016 8:59		38.1	31.5	0	30.4	1.3	92	74	-1.4	-49.56	2	Closed valve 1/2 turn or less,,,,,,
S2P10OC6	SEC2P10OC6	6/27/2016 8:59	ADJ	38.1	31.5	0	30.4	0.52	92	47	-0.6	-49.56	1.5	
S2P10OC6	SEC2P10OC6	7/20/2016 15:30		46.7	34.3	0	19	0.43	92	42	-0.5	-42.11	1.5	,,,,,,
S2P10OC6	SEC2P10OC6	7/20/2016 15:30	ADJ	46.7	34.3	0	19	0.42	92	42	-0.4	-42.11	1.5	
S2P10OC6	SEC2P10OC6	8/3/2016 14:53		42	32.5	0	25.5	0.46	98	44	-0.3	-44.22	1.5	,,,,,,
S2P10OC6	SEC2P10OC6	8/3/2016 14:53	ADJ	42	32.5	0	25.5	0.48	98	45	-0.4	-44.22	1.5	
S2P10OC6	SEC2P10OC6	8/3/2016 14:54		42	32.5	0	25.5	0.46	98	44	-0.3	-44.38	1.5	,,,,,,
S2P10OC6	SEC2P10OC6	8/3/2016 14:54	ADJ	42	32.5	0	25.5	0.41	98	41	-0.4	-44.38	1.5	
S2P10OC6	SEC2P10OC6	9/14/2016 14:30		41	32.6	0	26.4	0.63	91	51	-0.4	-48.37	1.5	,,,,,,
S2P10OC6	SEC2P10OC6	9/14/2016 14:30	ADJ	41	32.6	0	26.4	0.58	91	49	-0.3	-48.37	1	
S2P10OC6	SEC2P10OC6	10/27/2016 8:46		48.1	35.5	0	16.4	0.18	85	27	-0.4	-42.49	1	,,,,,,
S2P10OC6	SEC2P10OC6	10/27/2016 8:46	ADJ	48.1	35.5	0	16.4	0.2	85	29	-0.4	-42.49	1	
S2P10OC6	SEC2P10OC6	11/22/2016 14:49		55.2	37.9	0	6.9	0.24	83	32	-0.4	-41.97	1	,,,,,,
S2P10OC6	SEC2P10OC6	11/22/2016 14:49	ADJ	55.2	37.9	0	6.9	0.29	83	35	-0.4	-41.97	1	
S2P10OC6	SEC2P10OC6	12/22/2016 10:35		57.5	38.7	0	3.8	0.46	82	45	-0.8	-43.85	1	,,,,,,
S2P10OC6	SEC2P10OC6	12/22/2016 10:35	ADJ	57.5	38.7	0	3.8	0.43	82	44	-0.7	-43.85	5	
S2P11OC2	SEC2P11OC2	1/28/2016 11:56		52.6	38.9	0.5	8	3.22	107	115	-18.6	-51.64	50	No change,,,,,,
S2P11OC2	SEC2P11OC2	1/28/2016 11:56	ADJ	52.6	38.9	0.5	8	3.75	107	124	-18.7	-51.64	50	
S2P11OC2	SEC2P11OC2	2/10/2016 12:06		52.3	39	0.7	8	4.18	106	131	-19.5	-53.5	50	No change,,,,,,
S2P11OC2	SEC2P11OC2	2/10/2016 12:06	ADJ	52.3	39	0.7	8	4.16	107	131	-19.5	-53.5	50	
S2P11OC2	SEC2P11OC2	3/30/2016 6:42		57.2	37.8	0	5	3.82	103	127	-19.7	-58.49	50	Opened valve 1/2 turn or less,,,,,,
S2P11OC2	SEC2P11OC2	3/30/2016 6:42	ADJ	57.2	37.8	0	5	5.13	103	148	-20.8	-58.49	60	
S2P11OC2	SEC2P11OC2	4/7/2016 15:38		50.2	34.3	1.5	14	4.46	104	137	-22.1	-56.8	60	No change,,,,,,
S2P11OC2	SEC2P11OC2	4/7/2016 15:38	ADJ	50.2	34.3	1.5	14	4.51	104	137	-21.7	-56.8	60	
S2P11OC2	SEC2P11OC2	5/24/2016 15:51		47.4	34.7	1.4	16.5	3.56	109	121	-19.9	-49.2	12	Closed valve 1/2 turn or less,,,,,,
S2P11OC2	SEC2P11OC2	5/24/2016 15:51	ADJ	47.4	34.7	1.4	16.5	3.05	109	112	-17.8	-49.2	10	
S2P11OC2	SEC2P11OC2	6/27/2016 8:00		46.8	35	2.2	16	2.67	109	104	-16.9	-48.42	15	Closed valve 1/2 turn or less,,,,,,
S2P11OC2	SEC2P11OC2	6/27/2016 8:00	ADJ	46.8	35	2.2	16	2.37	110	98	-14.9	-48.42	10	
S2P11OC2	SEC2P11OC2	7/20/2016 14:58		46.1	33.5	2.7	17.7	-2.24	111	---	-11	-44.71	10	,,,,,,
S2P11OC2	SEC2P11OC2	7/20/2016 14:58	ADJ	46.1	33.5	2.7	17.7	-1.03	111	---	-9.7	-44.71	8	
S2P11OC2	SEC2P11OC2	8/3/2016 14:28		46	33.3	2.3	18.4	1.49	110	78	-9.9	-6.04	8	,,,,,,
S2P11OC2	SEC2P11OC2	8/3/2016 14:28	ADJ	46	33.3	2.3	18.4	0.27	111	33	-6.5	-6.04	4	
S2P11OC2	SEC2P11OC2	8/3/2016 14:29		46	33.3	2.3	18.4	1.49	110	78	-9.9	-45.06	8	,,,,,,
S2P11OC2	SEC2P11OC2	8/3/2016 14:29	ADJ	46	33.3	2.3	18.4	0.34	111	36	-5.5	-45.06	4	
S2P11OC2	SEC2P11OC2	9/15/2016 12:05		60.2	38.8	0	1	0.4	103	41	-3.4	-47.8	4	,,,,,,
S2P11OC2	SEC2P11OC2	9/15/2016 12:05	ADJ	60.2	38.8	0	1	0.45	103	44	-3.6	-47.8	5	
S2P11OC2	SEC2P11OC2	10/27/2016 9:57		59.1	40.8	0	0.1	0.25	97	32	-3.6	-43.48	5	,,,,,,
S2P11OC2	SEC2P11OC2	10/27/2016 9:57	ADJ	59.1	40.8	0	0.1	0.6	97	50	-4	-43.48	6	
S2P11OC2	SEC2P11OC2	11/22/2016 14:32		59	40.8	0	0.2	0.57	96	49	-5.7	-43.21	6	,,,,,,
S2P11OC2	SEC2P11OC2	11/22/2016 14:32	ADJ	59	40.8	0	0.2	0.56	96	49	-6	-43.21	8	
S2P11OC2	SEC2P11OC2	12/22/2016 13:54		59.1	40.7	0	0.2	0.63	96	52	-6.5	-43.12	8	,,,,,,
S2P11OC2	SEC2P11OC2	12/22/2016 13:54	ADJ	59.1	40.7	0	0.2	1.09	96	68	-7.8	-43.12	10	
S2P11OC2	SEC2P11OC2	12/29/2016 16:11		57.5	41.5	0	1	5.57	22	166	-19.5	-42.8	10	,,,,,,
S2P11OC2	SEC2P11OC2	12/29/2016 16:11	ADJ	57.5	41.5	0	1	-0.17	23	166	-19.5	-42.8	44	
S2P11OC2	SEC2P11OC2	12/29/2016 16:11		57.5	41.5	0	1	5.57	22	166	-19.5	-42.8	10	,,,,,,
S2P11OC2	SEC2P11OC2	12/29/2016 16:11	ADJ	57.5	41.5	0	1	-0.17	23	166	-19.5	-42.8	44	
S2P11OC3	SEC2P11OC3	1/28/2016 12:18		57.1	40.3	0	2.6	10.23	75	215	-17.6	-46.23	90	Opened valve 1/2 turn or less,Valve fully open,,,,,,
S2P11OC3	SEC2P11OC3	1/28/2016 12:18	ADJ	57.1	40.3	0	2.6	12.5	75	238	-17.7	-46.23	100	
S2P11OC3	SEC2P11OC3	2/10/2016 12:31		57.5	40.2	0	2.3	10.52	76	218	-18.4	-47.99	100	No change,Valve fully open,,,,,,
S2P11OC3	SEC2P11OC3	2/10/2016 12:31	ADJ	57.5	40.2	0	2.3	12.29	76	236	-18.2	-47.99	100	
S2P11OC3	SEC2P11OC3	2/11/2016 10:40		59.8	40.1	0	0.1	0.37	67	41	-0.3	-58.87	15	Opened valve 1/2 turn or less,,,,,,
S2P11OC3	SEC2P11OC3	2/11/2016 10:40	ADJ	59.8	40.1	0	0.1	1.36	72	79	-1.3	-58.87	20	
S2P11OC3	SEC2P11OC3	3/30/2016 7:37		59.4	40.5	0	0.1	0.94	74	65	-1.2	-59.56	20	Opened valve 1/2 turn or less,,,,,,
S2P11OC3	SEC2P11OC3	3/30/2016 7:37	ADJ	59.4	40.5	0	0.1	1.68	74	88	-2.2	-59.56	25	
S2P11OC3	SEC2P11OC3	4/7/2016 15:42		59.6	40.3	0	0.1	1.86	75	93	-2.2	-58.93	25	Opened valve 1/2 turn or less,,,,,,
S2P11OC3	SEC2P11OC3	4/7/2016 15:42	ADJ	59.6	40.3	0	0.1	1.71	75	89	-3.2	-58.93	30	
S2P11OC3	SEC2P11OC3	5/24/2016 15:54		60.1	38.9	0	1	1.64	80	87	-2.7	-51.23	25	Opened valve 1/2 turn or less,,,,,,
S2P11OC3	SEC2P11OC3	5/24/2016 15:54	ADJ	60.1	38.9	0	1	2.35	79	104	-3.7	-51.23	30	
S2P11OC3	SEC2P11OC3	6/27/2016 8:30		60.4	39.5	0	0.1	2.65	77	111	-3.9	-54.24	30	Opened valve 1/2 turn or less,,,,,,
S2P11OC3	SEC2P11OC3	6/27/2016 8:30	ADJ	60.4	39.5	0	0.1	3.74	77	132	-4.9	-54.24	35	
S2P11OC3	SEC2P11OC3	7/20/2016 14:52		61	38.3	0	0.7	2.71	79	112	-4.5	-48.24	35	,,,,,,
S2P11OC3	SEC2P11OC3	7/20/2016 14:52	ADJ	61	38.3	0	0.7	2.53	79	108	-4.4	-48.24	35	
S2P11OC3	SEC2P11OC3	8/3/2016 13:05		57.6	37.1	0.2	5.1	2.83	80	114	-4.4	-49.36	25	,,,,,,
S2P11OC3	SEC2P11OC3	8/3/2016 13:05	ADJ	57.6	37.1	0.2	5.1	2.83	80	114	-4.6	-49.36	36	
S2P11OC3	SEC2P11OC3	9/15/2016 12:08		60.8	39	0	0.2	3	80	118	-4.9	-53.3	36	,,,,,,
S2P11OC3	SEC2P11OC3	9/15/2016 12:08	ADJ	60.8	39	0	0.2	3.91	80	135	-5.1	-53.3	37.5	
S2P11OC3	SEC2P11OC3	10/27/2016 9:24		59.7	40.2	0	0.1	2.92	79	116	-4.9	-48.26	37.5	,,,,,,
S2P11OC3	SEC2P11OC3	10/27/2016 9:24	ADJ	59.7	40.2	0	0.1	3.98	79	135	-5.7	-48.26	40	
S2P11OC3	SEC2P11OC3	11/22/2016 14:28		59.6	40.2	0	0.2	3.43	79	126	-5.5	-46.72	40	,,,,,,
S2P11OC3	SEC2P11OC3	11/22/2016 14:28	ADJ	59.6	40.2	0	0.2	3.65	79	130	-5.7	-46.72	41	
S2P11OC3	SEC2P11OC3	12/22/2016 13:50		59.9	40	0	0.1	3.67	84	129	-5.7	-44.5	41	,,,,,,
S2P11OC3	SEC2P11OC3	12/22/2016 13:50	ADJ	59.9	40	0	0.1	4.84	84	149	-6.9	-44.5	45	
S2P11OC3	SEC2P11OC3	12/29/2016 16:07		57.4	42.5	0	0.1	6.33	83	169	-11	-38.12	45	,,,,,,
S2P11OC3	SEC2P11OC3	12/29/2016 16:07	ADJ	57.4	42.5	0	0.1	3.55	83	126	-11	-38.12	70	
S2P11OC3	SEC2P11OC3	12/29/2016 16:07		57.4	42.5	0	0.1	6.33	83	169	-11	-38.12	45	,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
S2P11OC3	SEC2P11OC3	12/29/2016 16:07	ADJ	57.4	42.5	0	0.1	3.55	83	126	-11	-38.12	70	
S2P8OC11	SEC2P08OC11	1/28/2016 8:37		51.5	43.9	0	4.6	-5.07	126	---	-33.9	-47.6	25	No change,,,,,,
S2P8OC11	SEC2P08OC11	1/28/2016 8:37	ADJ	51.5	43.9	0	4.6	2.45	126	94	-36.6	-47.6	25	
S2P8OC11	SEC2P08OC11	2/11/2016 13:17		50.9	43.6	0	5.5	3.74	124	116	-44.7	-53.13	25	No change,,,,,,
S2P8OC11	SEC2P08OC11	2/11/2016 13:17	ADJ	50.9	43.6	0	5.5	-6.22	125	116	-40.1	-53.13	25	
S2P8OC11	SEC2P08OC11	3/29/2016 10:15		46.1	38.5	3.7	11.7	-5.58	123	---	-41.6	-51.45	25	Closed valve 1/2 turn or less,Watered out,,,,,,
S2P8OC11	SEC2P08OC11	3/29/2016 10:15	ADJ	46.1	38.5	3.7	11.7	0.37	123	35	-38.6	-51.45	20	
S2P8OC11	SEC2P08OC11	4/7/2016 11:24		51	41.8	0.9	6.3	2.43	124	95	-35.1	-53.59	20	No change,Watered out,,,,,,
S2P8OC11	SEC2P08OC11	4/7/2016 11:24	ADJ	51	41.8	0.9	6.3	0.98	124	59	-36.6	-53.59	20	
S2P8OC11	SEC2P08OC11	5/24/2016 12:59		53.2	43.5	0	3.3	2.47	124	96	-34.3	-48.01	5	No change,Watered out,,,,,,
S2P8OC11	SEC2P08OC11	5/24/2016 12:59	ADJ	53.2	43.5	0	3.3	2.09	125	88	-30.2	-48.01	5	
S2P8OC11	SEC2P08OC11	6/27/2016 10:37		42.3	35.5	4	18.2	-0.28	124	---	-30.4	-52.53	6	Closed valve 1/2 turn or less,,,,,,
S2P8OC11	SEC2P08OC11	6/27/2016 10:37	ADJ	42.3	35.5	4	18.2	0.11	122	20	-26.6	-52.53	5	
S2P8OC11	SEC2P08OC11	7/20/2016 9:09		54	45.9	0	0.1	0.75	124	53	-20.8	-40.93	5	,,,,,,
S2P8OC11	SEC2P08OC11	7/20/2016 9:09	ADJ	54	45.9	0	0.1	-0.16	124	53	-17.4	-40.93	5	
S2P8OC11	SEC2P08OC11	8/3/2016 8:48		42	35	4.4	18.6	0.32	120	34	-19.6	-44.5	5	,,,,,,
S2P8OC11	SEC2P08OC11	8/3/2016 8:48	ADJ	42	35	4.4	18.6	0.06	117	14	-13	-44.5	1	
S2P8OC11	SEC2P08OC11	9/15/2016 9:15		8.8	15.3	14	61.9	-0.01	68	---	-50.5	-50.66	0	,,,,,,
S2P8OC11	SEC2P08OC11	9/15/2016 9:15	ADJ	8.8	15.3	14	61.9	0	68	3	-50.5	-50.66	0	
S2P8OC11	SEC2P08OC11	9/15/2016 13:08		14	25.3	8.8	51.9	0.05	85	13	-60	-48.69	0	,,,,,,
S2P8OC11	SEC2P08OC11	9/15/2016 13:08	ADJ	14	25.3	8.8	51.9	0.09	83	17	-48.6	-48.69	5	
S2P8OC11	SEC2P08OC11	9/15/2016 13:11		5.1	7.5	16.9	70.5	0.02	83	7	-48.6	-48.64	5	,,,,,,
S2P8OC11	SEC2P08OC11	9/15/2016 13:11	ADJ	5.1	7.5	16.9	70.5	0.06	83	14	-48.5	-48.64	0	
S2P8OC11	SEC2P08OC11	9/23/2016 10:17		17.9	41.1	0	41	0	77	2	-45.1	-49.13	0	,,,,,,
S2P8OC11	SEC2P08OC11	9/23/2016 10:17	ADJ	17.9	41.1	0	41	0	77	2	-45.1	-49.13	0	
S2P8OC11	SEC2P08OC11	9/23/2016 10:52		17.9	40.6	0	41.5	0.07	78	16	0	-0.04	0	,,,,,,
S2P8OC11	SEC2P08OC11	9/23/2016 10:52	ADJ	17.9	40.6	0	41.5	-0.02	78	16	0	-0.04	0	
S2P8OC11	SEC2P08OC11	9/27/2016 9:54		0	0	3.9	96.1	-0.76	0	---	0	-1.71	0	,,,,,,
S2P8OC11	SEC2P08OC11	9/27/2016 9:54	ADJ	0	0	3.9	96.1	1.13	0	76	-1.5	-1.71	0	
S2P8OC11	SEC2P08OC11	9/27/2016 10:22		20	40.3	0	39.7	-0.27	58	---	-41.6	-46.16	0	,,,,,,
S2P8OC11	SEC2P08OC11	9/27/2016 10:22	ADJ	20	40.3	0	39.7	-0.27	58	---	-41.6	-46.16	0	
S2P8OC11	SEC2P08OC11	10/26/2016 13:13		9.7	8.4	19.5	62.4	0.01	45	5	-41.7	-43.76	0	,,,,,,
S2P8OC11	SEC2P08OC11	10/26/2016 13:13	ADJ	9.7	8.4	19.5	62.4	0.01	44	6	-40	-43.76	1	
S2P8OC11	SEC2P08OC11	10/26/2016 13:16		8.6	7.8	17.8	65.8	0	47	---	-41	-43.84	1	,,,,,,
S2P8OC11	SEC2P08OC11	10/26/2016 13:16	ADJ	8.6	7.8	17.8	65.8	0	46	4	-40.2	-43.84	0	
S2P8OC11	SEC2P08OC11	11/4/2016 10:44		1.7	5.5	18.9	73.9	-0.02	61	---	-44	-43.98	0	,,,,,,
S2P8OC11	SEC2P08OC11	11/4/2016 10:44	ADJ	1.7	5.5	18.9	73.9	0.04	59	11	-44	-43.98	0	
S2P8OC11	SEC2P08OC11	11/7/2016 14:40		50	35	0	15	-0.11	0	---	0.2	0	0	,,,,,,
S2P8OC11	SEC2P08OC11	11/7/2016 14:40	ADJ	50	35	0	15	0.05	0	15	0	0	0	
S2P8OC11	SEC2P08OC11	11/7/2016 14:51		1.3	6.8	17.8	74.1	0.12	67	21	-43.3	-43.36	0	,,,,,,
S2P8OC11	SEC2P08OC11	11/7/2016 14:51	ADJ	1.3	6.8	17.8	74.1	0.04	67	11	-43.3	-43.36	0	
Sector 2 Clean-out														
S2P09LC2	SEC2P09LCO2	1/28/2016 12:40		13.9	23.2	0.9	62	0.02	55	4	-3.9	-47.1	1.5	Closed valve 1/2 turn or less,Valve barely open,,,,,,
S2P09LC2	SEC2P09LCO2	1/28/2016 12:40	ADJ	13.9	23.2	0.9	62	0	36	2	-3.9	-47.1	1	
S2P09LC2	SEC2P09LCO2	2/12/2016 8:48		6.2	19.1	1.4	73.3	-0.03	48	---	-0.2	-52.78	1	No change,Valve barely open,,,,,,
S2P09LC2	SEC2P09LCO2	2/12/2016 8:48	ADJ	6.2	19.1	1.4	73.3	-0.03	42	---	-0.3	-52.78	1	
S2P09LC2	SEC2P09LCO2	3/30/2016 8:06		60	37.5	0	2.5	0.99	49	39	-10.3	-51.6	1	Opened valve 1/2 turn or less,Watered out,,,,,,
S2P09LC2	SEC2P09LCO2	3/30/2016 8:06	ADJ	60	37.5	0	2.5	-0.01	50	39	-9.7	-51.6	1.5	
S2P09LC2	SEC2P09LCO2	4/19/2016 15:14		9	22.3	0	68.7	0	56	1	-40.9	-41.03	1.5	Closed valve 1/2 turn or less,,,,,,
S2P09LC2	SEC2P09LCO2	4/19/2016 15:14	ADJ	9	22.3	0	68.7	0.01	56	2	-37.7	-41.03	1	
S2P09LC2	SEC2P09LCO2	5/23/2016 15:58		6	18	2.4	73.6	0.07	86	9	-0.2	-47.12	1	No change,Valve barely open,,,,,,
S2P09LC2	SEC2P09LCO2	5/23/2016 15:58	ADJ	6	18	2.4	73.6	0.07	86	9	-0.2	-47.12	1	
S2P09LC2	SEC2P09LCO2	6/27/2016 8:56		16.3	21.5	2.6	59.6	0.03	71	5	-2.5	-49.95	1.5	Closed valve 1/2 turn or less,,,,,,
S2P09LC2	SEC2P09LCO2	6/27/2016 8:56	ADJ	16.3	21.5	2.6	59.6	0.03	70	6	-1.4	-49.95	1	
S2P09LC2	SEC2P09LCO2	7/20/2016 15:17		0.1	0.2	22.3	77.4	0.04	93	6	-40.9	-42.81	1	,,,,,,
S2P09LC2	SEC2P09LCO2	7/20/2016 15:17	ADJ	0.1	0.2	22.3	77.4	0.05	94	7	-42.8	-42.81	100	
S2P09LC2	SEC2P09LCO2	7/20/2016 15:23		2.4	6.4	15.2	76	0.06	93	7	-42.7	-43	100	,,,,,,
S2P09LC2	SEC2P09LCO2	7/20/2016 15:23	ADJ	2.4	6.4	15.2	76	0.05	92	7	-26.9	-43	0	
S2P09LC2	SEC2P09LCO2	7/21/2016 10:12		0.5	1.4	22.8	75.3	-0.22	73	---	0	-44.43	0	,,,,,,
S2P09LC2	SEC2P09LCO2	7/21/2016 10:12	ADJ	0.5	1.4	22.8	75.3	6.2	75	92	-23.3	-44.43	100	
S2P09LC2	SEC2P09LCO2	7/21/2016 10:16		24.8	25.1	2.5	47.6	2.98	74	62	-32.9	-43.78	100	,,,,,,
S2P09LC2	SEC2P09LCO2	7/21/2016 10:16	ADJ	24.8	25.1	2.5	47.6	-0.62	76	62	-18.2	-43.78	2	
S2P09LC2	SEC2P09LCO2	8/3/2016 14:43		0.1	0.2	22.2	77.5	0.13	106	12	-32.7	-44.56	2	,,,,,,
S2P09LC2	SEC2P09LCO2	8/3/2016 14:43	ADJ	0.1	0.2	22.2	77.5	1.25	0	42	-44.5	-44.56	50	
S2P09LC2	SEC2P09LCO2	8/3/2016 14:43		0.1	0.2	22.2	77.5	0.13	106	12	-32.7	-44.43	2	,,,,,,
S2P09LC2	SEC2P09LCO2	8/3/2016 14:43	ADJ	0.1	0.2	22.2	77.5	0.61	106	26	-42	-44.43	50	
S2P09LC2	SEC2P09LCO2	8/3/2016 14:46		22	21.3	4.6	52.1	0.37	106	20	-44.2	-44.78	50	,,,,,,
S2P09LC2	SEC2P09LCO2	8/3/2016 14:46	ADJ	22	21.3	4.6	52.1	0.11	106	11	-35.3	-44.78	0	
S2P09LC2	SEC2P09LCO2	9/14/2016 14:35		8.9	14.4	3.8	72.9	0.19	77	15	-1	-48.44	0	,,,,,,
S2P09LC2	SEC2P09LCO2	9/14/2016 14:35	ADJ	8.9	14.4	3.8	72.9	0.19	79	15	-0.9	-48.44	0	
S2P09LC2	SEC2P09LCO2	10/27/2016 8:49		5.6	15.8	2.6	76	-0.02	41	---	-0.1	-42.91	0	,,,,,,
S2P09LC2	SEC2P09LCO2	10/27/2016 8:49	ADJ	5.6	15.8	2.6	76	-0.02	41	---	-0.1	-42.91	0	
S2P09LC2	SEC2P09LCO2	11/22/2016 14:45		4.5	16	2.8	76.7	-0.01	41	---	-0.1	-42.13	0	,,,,,,
S2P09LC2	SEC2P09LCO2	11/22/2016 14:45	ADJ	4.5	16	2.8	76.7	-1.72	40	---	-1.3	-42.13	0	
S2P09LC2	SEC2P09LCO2	12/22/2016 10:40		2.8	13.8	6	77.4	-0.03	43	---	-0.2	-44.25	0	,,,,,,
S2P09LC2	SEC2P09LCO2	12/22/2016 10:40	ADJ	2.8	13.8	6	77.4	0.21	43	16	-6.9	-44.25	5	
S2P09LC2	SEC2P09LCO2	12/22/2016 10:44		33.2	30.7	0	36.1	0.2	38	16	-12.7	-44.12	5	,,,,,,
S2P09LC2	SEC2P09LCO2	12/22/2016 10:44	ADJ	33.2	30.7	0	36.1	0.84	38	35	-10.4	-44.12	0	
S2P10LC1	SEC2P10LCO1	1/28/2016 12:46		41.2	31.6	0	27.2	-0.62	74	---	-0.1	-47.02	1	No change,Valve barely open,,,,,,
S2P10LC1	SEC2P10LCO1	1/28/2016 12:46	ADJ	41.2	31.6	0	27.2	-0.63	74	---	-0.1	-47.02	1	
S2P10LC1	SEC2P10LCO1	2/12/2016 9:27		35.7	29.9	0	34.4	-0.22	70	---	-0.1	-53.26	1	No change,Valve barely open,,,,,,
S2P10LC1	SEC2P10LCO1	2/12/2016 9:27	ADJ	35.7	29.9	0	34.4	-0.23	71	---	-0.2	-53.26	1	
S2P10LC1	SEC2P10LCO1	3/30/2016 8:14		59.8	40.1	0	0.1	0.25	71	33	-0.2	-50.56	1	Opened valve 1/2 turn or less,,,,,,
S2P10LC1	SEC2P10LCO1	3/30/2016 8:14	ADJ	59.8	40.1	0	0.1	0.26	74	34	-0.4	-50.56	1.5	
S2P10LC1	SEC2P10LCO1	4/19/2016 15:22		59.3	38.9	0	1.8	0.25	81	33	-0.3	-40.53	1.5	Opened valve 1/2 turn or less,,,,,,
S2P10LC1	SEC2P10LCO1	4/19/2016 15:22	ADJ	59.3	38.9	0	1.8	0.57	81	50	-0.5	-40.53	2	
S2P10LC1	SEC2P10LCO1	5/23/2016 16:05		50.4	36.3	0	13.3	0.6	85	51	-0.6	-46.84	5	No change,,,,,,
S2P10LC1	SEC2P10LCO1	5/23/2016 16:05	ADJ	50.4	36.3	0	13.3	0.58	86	50	-0.7	-46.84	5	
S2P10LC1	SEC2P10LCO1	6/27/2016 9:03		32.9	28.5	0.5	38.1	4.26	87	135	-5.7	-50.71	5.5	Closed valve 1/2 turn or less,,,,,,
S2P10LC1	SEC2P10LCO1	6/27/2016 9:03	ADJ	32.9	28.5	0.5	38.1	2.7	87	108	-3.8	-50.71	5	
S2P10LC1	SEC2P10LCO1	7/20/2016 15:38		43.3	32.5	0	24.2	2.44	88	103	-3.2	-43.3	5	,,,,,,
S2P10LC1	SEC2P10LCO1	7/20/2016 15:38	ADJ	43.3	32.5	0	24.2	1.86	89	90	-3	-43.3	4.5	
S2P10LC1	SEC2P10LCO1	8/3/2016 15:00		39.7	30.9	0.1	29.3	2.09	94	95	-3	-45.45	4.5	,,,,,,
S2P10LC1	SEC2P10LCO1	8/3/2016 15:00	ADJ	39.7	30.9	0.1	29.3	1.74	94	86	-2.2	-45.45	3	
S2P10LC1	SEC2P10LCO1	9/14/2016 14:23		37.3	29.7	1.8	31.2	1.95	86	92	-2.3	-48.5	3	,,,,,,
S2P10LC1	SEC2P10LCO1	9/14/2016 14:23	ADJ	37.3	29.7	1.8	31.2	1.43	86	78	-1.7	-48.5	2	
S2P10LC1	SEC2P10LCO1	10/27/2016 8:34		45.1	33.6	0	21.3	0.87	83	61	-1.6	-42.57	2	,,,,,,
S2P10LC1	SEC2P10LCO1	10/27/2016 8:34	ADJ	45.1	33.6	0	21.3	0.52	83	47	-0.9	-42.57	1	
S2P10LC1	SEC2P10LCO1	11/22/2016 14:55		56.4	37	0	6.6	0.15	75	25	-0.2	-42.09	3	,,,,,,
S2P10LC1	SEC2P10LCO1	11/22/2016 14:55	ADJ	56.4	37	0	6.6	0.16	75	27	-0.3	-42.09	5	
S2P10LC1	SEC2P10LCO1	12/22/2016 10:28		57.9	38	0	4.1	0.27	76	34	-0.3	-44.67	5	,,,,,,
S2P10LC1	SEC2P10LCO1	12/22/2016 10:28	ADJ	57.9	38	0	4.1	0.22	76	31	-0.3	-44.67	6	
S2P4ALC1	SEC2P4ALCO1	1/29/2016 7:44		38.4	26.6	9.5	25.5	0	56	---	-0.1	-53.11	1	No change,Valve barely open,,,,,,
S2P4ALC1	SEC2P4ALCO1	1/29/2016 7:44	ADJ	38.4	26.6	9.5	25.5	0	55	---	-0.1	-53.11	1	
S2P4ALC1	SEC2P4ALCO1	1/29/2016 7:46		37.7	26.1	9.9	26.3	-0.01	52	---	-0.1	-52.96	1	No change,Valve barely open,,,,,,
S2P4ALC1	SEC2P4ALCO1	1/29/2016 7:46	ADJ	37.7	26.1	9.9	26.3	0	52	4	-0.1	-52.96	1	
S2P4ALC1	SEC2P4ALCO1	2/12/2016 8:07		59.2	40.7	0	0.1	0.1	49	21	-0.1	-55.4	1	Opened valve 1/2 turn or less,,,,,,
S2P4ALC1	SEC2P4ALCO1	2/12/2016 8:07	ADJ	59.2	40.7	0	0.1	0.27	54	35	-0.1	-55.4	1.5	
S2P4ALC1	SEC2P4ALCO1	3/29/2016 9:44		58.7	41.2	0	0.1	0.2	69	29	-0.2	-55.04	1.5	Opened valve 1/2 turn or less,,,,,,
S2P4ALC1	SEC2P4ALCO1	3/29/2016 9:44	ADJ	58.7	41.2	0	0.1	0.35	69	39	-0.5	-55.04	2	
S2P4ALC1	SEC2P4ALCO1	4/7/2016 10:58		53.5	36.9	1.9	7.7	0.35	65	39	-0.5	-57.41	2	No change,Valve barely open,,,,,,
S2P4ALC1	SEC2P4ALCO1	4/7/2016 10:58	ADJ	53.5	36.9	1.9	7.7	0.53	66	49	-0.5	-57.41	2	
S2P4ALC1	SEC2P4ALCO1	5/24/2016 11:05		57.9	39	0.2	2.9	0.33	72	38	-0.3	-53.06	4	Opened valve 1/2 turn or less,,,,,,
S2P4ALC1	SEC2P4ALCO1	5/24/2016 11:05	ADJ	57.9	39	0.2	2.9	0.43	72	44	-0.5	-53.06	5	
S2P4ALC1	SEC2P4ALCO1	6/27/2016 14:46		59.8	40.1	0	0.1	0.54	70	49	-0.7	-47.36	0.5	Opened valve 1/2 turn or less,,,,,,
S2P4ALC1	SEC2P4ALCO1	6/27/2016 14:46	ADJ	59.8	40.1	0	0.1	0.39	70	42	-0.9	-47.36	1	
S2P4ALC1	SEC2P4ALCO1	7/20/2016 8:38		47.8	32.4	4.2	15.6	0.78	72	59	-0.7	-45.16	1	,,,,,,
S2P4ALC1	SEC2P4ALCO1	7/20/2016 8:38	ADJ	47.8	32.4	4.2	15.6	0.55	72	49	-0.6	-45.16	0.5	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
S2P4ALC1	SEC2P4ALCO1	8/3/2016 8:20		48.5	33.1	3.3	15.1	0.63	73	53	-0.6	-49.51	0.5	,,,,,,
S2P4ALC1	SEC2P4ALCO1	8/3/2016 8:20	ADJ	48.5	33.1	3.3	15.1	0.26	73	34	-0.2	-49.51	0.5	
S2P4ALC1	SEC2P4ALCO1	9/14/2016 14:15		60.1	39	0.5	0.4	0.34	71	39	-0.1	-54.25	0.5	,,,,,,
S2P4ALC1	SEC2P4ALCO1	9/14/2016 14:15	ADJ	60.1	39	0.5	0.4	0.46	72	46	-0.2	-54.25	1	
S2P4ALC1	SEC2P4ALCO1	10/26/2016 12:47		59.3	40.6	0	0.1	0.26	70	34	-0.3	-47.9	1	,,,,,,
S2P4ALC1	SEC2P4ALCO1	10/26/2016 12:47	ADJ	59.3	40.6	0	0.1	0.3	70	37	-0.3	-47.9	3	
S2P4ALC1	SEC2P4ALCO1	11/22/2016 9:42		52.1	34.9	3.3	9.7	0.36	68	40	-0.4	-46.19	3	,,,,,,
S2P4ALC1	SEC2P4ALCO1	11/22/2016 9:42	ADJ	52.1	34.9	3.3	9.7	0.29	68	36	-0.4	-46.19	3	
S2P4ALC1	SEC2P4ALCO1	12/15/2016 13:18		28.2	19.4	12.5	39.9	-0.06	60	---	0	-49.17	3	,,,,,,
S2P4ALC1	SEC2P4ALCO1	12/15/2016 13:18	ADJ	28.2	19.4	12.5	39.9	0.14	60	24	0	-49.17	75	
S2P4ALC1	SEC2P4ALCO1	12/15/2016 13:21		35.3	23.5	9.5	31.7	12.55	67	239	-16.7	-37.44	75	,,,,,,
S2P4ALC1	SEC2P4ALCO1	12/15/2016 13:21	ADJ	35.3	23.5	9.5	31.7	11.97	67	233	-17.1	-37.44	75	
S2P4ALC1	SEC2P4ALCO1	12/15/2016 13:25		31.6	22.1	11	35.3	-0.02	54	---	0	-50.71	75	,,,,,,
S2P4ALC1	SEC2P4ALCO1	12/15/2016 13:25	ADJ	31.6	22.1	11	35.3	-0.02	54	---	0	-50.71	1	
S2P4ALC1	SEC2P4ALCO1	12/16/2016 10:16		37.2	26.3	7.5	29	0	21	---	0	-49.28	1	,,,,,,
S2P4ALC1	SEC2P4ALCO1	12/16/2016 10:16	ADJ	37.2	26.3	7.5	29	1.05	19	72	-1	-49.28	20	
S2P4ALC1	SEC2P4ALCO1	12/16/2016 10:18		38.8	27.4	6.9	26.9	1.72	19	93	-2.1	-50.74	20	,,,,,,
S2P4ALC1	SEC2P4ALCO1	12/16/2016 10:18	ADJ	38.8	27.4	6.9	26.9	-0.01	19	93	0	-50.74	0	
S2P4ALC1	SEC2P4ALCO1	12/16/2016 10:27		38.8	27.4	6.9	26.9	1.72	19	93	-2.1	-0.05	20	,,,,,,
S2P4ALC1	SEC2P4ALCO1	12/16/2016 10:27	ADJ	38.8	27.4	6.9	26.9	0	0	93	0	-0.05	0	
S2P4ALC1	SEC2P4ALCO1	12/22/2016 9:47		52.8	35.2	2.8	9.2	0.02	35	10	0	-48.5	0	,,,,,,
S2P4ALC1	SEC2P4ALCO1	12/22/2016 9:47	ADJ	52.8	35.2	2.8	9.2	0.2	54	30	-0.2	-48.5	20	
S2P4BLC1	SEC2P4BLCO1	1/29/2016 7:52		45.6	30.6	5.9	17.9	0.05	51	15	-0.1	-52.29	1	Closed valve 1/2 turn or less,,,,,,
S2P4BLC1	SEC2P4BLCO1	1/29/2016 7:52	ADJ	45.6	30.6	5.9	17.9	0.05	50	15	-0.1	-52.29	0.5	
S2P4BLC1	SEC2P4BLCO1	1/29/2016 7:55		45.4	31.1	5.7	17.8	-0.04	59	---	-0.1	-52.44	0.5	No change,Valve barely open,,,,,
S2P4BLC1	SEC2P4BLCO1	1/29/2016 7:55	ADJ	45.4	31.1	5.7	17.8	-0.03	58	---	-0.1	-52.44	0.5	
S2P4BLC1	SEC2P4BLCO1	2/12/2016 8:10		59	40.9	0	0.1	0.06	53	16	-0.1	-54.79	0.5	Opened valve 1/2 turn or less,,,,,,
S2P4BLC1	SEC2P4BLCO1	2/12/2016 8:10	ADJ	59	40.9	0	0.1	0.06	55	17	-0.1	-54.79	1	
S2P4BLC1	SEC2P4BLCO1	3/29/2016 9:42		60.2	39.7	0	0.1	0.19	66	29	-0.1	-53.36	1	Opened valve 1/2 turn or less,,,,,,
S2P4BLC1	SEC2P4BLCO1	3/29/2016 9:42	ADJ	60.2	39.7	0	0.1	0.25	66	33	-0.3	-53.36	1.5	
S2P4BLC1	SEC2P4BLCO1	4/19/2016 14:38		54.1	35.7	1	9.2	0.37	59	41	-0.1	-46.03	1.5	Opened valve 1/2 turn or less,,,,,,
S2P4BLC1	SEC2P4BLCO1	4/19/2016 14:38	ADJ	54.1	35.7	1	9.2	0.26	60	34	-0.2	-46.03	2	
S2P4BLC1	SEC2P4BLCO1	5/26/2016 13:11		47.4	34.3	2.2	16.1	0.12	70	22	-0.1	-48.04	---	No change,Valve barely open,,,,,
S2P4BLC1	SEC2P4BLCO1	5/26/2016 13:11	ADJ	47.4	34.3	2.2	16.1	0.11	70	22	-0.1	-48.04	---	
S2P4BLC1	SEC2P4BLCO1	6/27/2016 14:44		59.8	40.1	0	0.1	0.04	72	13	-0.1	-46.84	0.5	Opened valve 1/2 turn or less,,,,,,
S2P4BLC1	SEC2P4BLCO1	6/27/2016 14:44	ADJ	59.8	40.1	0	0.1	0.13	71	23	-0.2	-46.84	1	
S2P4BLC1	SEC2P4BLCO1	7/20/2016 8:32		29.4	20.2	10.5	39.9	0.2	72	29	-0.1	-43.69	1	,,,,,,
S2P4BLC1	SEC2P4BLCO1	7/20/2016 8:32	ADJ	29.4	20.2	10.5	39.9	0.05	72	14	0	-43.69	0	
S2P4BLC1	SEC2P4BLCO1	7/21/2016 10:00		59.6	40.3	0	0.1	-0.21	74	---	0.1	-46.4	0	,,,,,,
S2P4BLC1	SEC2P4BLCO1	7/21/2016 10:00	ADJ	59.6	40.3	0	0.1	-0.05	71	---	0	-46.4	50	
S2P4BLC1	SEC2P4BLCO1	7/21/2016 10:01		59.8	40.1	0	0.1	0.09	70	20	-0.2	-46.06	50	,,,,,,
S2P4BLC1	SEC2P4BLCO1	7/21/2016 10:01	ADJ	59.8	40.1	0	0.1	0.02	70	9	-0.1	-46.06	3	
S2P4BLC1	SEC2P4BLCO1	8/3/2016 8:13		59.1	39.1	0.1	1.7	0.04	76	13	0	-46.24	0	,,,,,,
S2P4BLC1	SEC2P4BLCO1	8/3/2016 8:13	ADJ	59.1	39.1	0.1	1.7	0.15	74	26	0	-46.24	5	
S2P4BLC1	SEC2P4BLCO1	8/3/2016 8:15		59.9	40	0	0.1	0.18	72	28	0	-45.96	5	,,,,,,
S2P4BLC1	SEC2P4BLCO1	8/3/2016 8:15	ADJ	59.9	40	0	0.1	0.25	72	33	-0.2	-45.96	5	
S2P4BLC1	SEC2P4BLCO1	8/4/2016 7:51		59.6	40.3	0	0.1	-0.01	72	---	-0.1	-49.98	5	,,,,,,
S2P4BLC1	SEC2P4BLCO1	8/4/2016 7:51	ADJ	59.6	40.3	0	0.1	-0.03	72	---	-0.1	-49.98	5	
S2P4BLC1	SEC2P4BLCO1	9/14/2016 14:11		59.8	40.1	0	0.1	0.32	76	37	-0.1	-51.01	5	,,,,,,
S2P4BLC1	SEC2P4BLCO1	9/14/2016 14:11	ADJ	59.8	40.1	0	0.1	0.34	71	39	0	-51.01	6	
S2P4BLC1	SEC2P4BLCO1	9/15/2016 8:43		59.9	40	0	0.1	0	60	---	0	-51.24	5	,,,,,,
S2P4BLC1	SEC2P4BLCO1	9/15/2016 8:43	ADJ	59.9	40	0	0.1	0.09	64	20	-0.1	-51.24	6	
S2P4BLC1	SEC2P4BLCO1	9/15/2016 8:45		59.9	40	0	0.1	0.09	65	20	-0.1	-51.35	6	,,,,,,
S2P4BLC1	SEC2P4BLCO1	9/15/2016 8:45	ADJ	59.9	40	0	0.1	0.1	65	21	-0.1	-51.35	10	
S2P4BLC1	SEC2P4BLCO1	10/26/2016 12:44		46.6	31.9	4.8	16.7	-0.79	66	---	-0.2	-45.91	10	,,,,,,
S2P4BLC1	SEC2P4BLCO1	10/26/2016 12:44	ADJ	46.6	31.9	4.8	16.7	-0.72	67	---	-0.1	-45.91	5	
S2P4BLC1	SEC2P4BLCO1	11/22/2016 9:35		34.1	24	8.9	33	-1.14	62	---	0	-45.05	5	,,,,,,
S2P4BLC1	SEC2P4BLCO1	11/22/2016 9:35	ADJ	34.1	24	8.9	33	-1.16	62	---	0	-45.05	0	
S2P4BLC1	SEC2P4BLCO1	11/22/2016 15:15		59.4	40.4	0	0.2	-0.42	44	---	0	-45.52	0	,,,,,,
S2P4BLC1	SEC2P4BLCO1	11/22/2016 15:15	ADJ	59.4	40.4	0	0.2	0.01	54	6	-0.1	-45.52	5	
S2P4BLC1	SEC2P4BLCO1	11/22/2016 15:16		59.4	40.5	0	0.1	0.35	59	40	-0.1	-45.49	5	,,,,,,
S2P4BLC1	SEC2P4BLCO1	11/22/2016 15:16	ADJ	59.4	40.5	0	0.1	0.37	60	41	0	-45.49	5	
S2P4BLC1	SEC2P4BLCO1	11/22/2016 15:18		59.5	40.4	0	0.1	0.05	61	15	-0.1	-45.46	5	,,,,,,
S2P4BLC1	SEC2P4BLCO1	11/22/2016 15:18	ADJ	59.5	40.4	0	0.1	0.06	62	16	-0.1	-45.46	5	
S2P4BLC1	SEC2P4BLCO1	12/15/2016 13:11		23.8	16.5	14	45.7	-1.26	62	---	0	-49.76	5	,,,,,,
S2P4BLC1	SEC2P4BLCO1	12/15/2016 13:11	ADJ	23.8	16.5	14	45.7	-1.61	59	---	0	-49.76	1	
S2P4BLC1	SEC2P4BLCO1	12/15/2016 13:13		24.8	17.1	13.7	44.4	-1.86	54	---	-3.4	-49.69	1	,,,,,,
S2P4BLC1	SEC2P4BLCO1	12/15/2016 13:13	ADJ	24.8	17.1	13.7	44.4	-1.92	54	---	0	-49.69	1	
S2P4BLC1	SEC2P4BLCO1	12/16/2016 10:10		60	39.9	0	0.1	-0.84	19	---	0	-50.98	1	,,,,,,
S2P4BLC1	SEC2P4BLCO1	12/16/2016 10:10	ADJ	60	39.9	0	0.1	-0.74	19	---	-0.1	-50.98	1	
S2P4BLC1	SEC2P4BLCO1	12/16/2016 10:11		60.1	39.8	0	0.1	-0.81	19	---	-0.1	-50.95	1	,,,,,,
S2P4BLC1	SEC2P4BLCO1	12/16/2016 10:11	ADJ	60.1	39.8	0	0.1	-0.81	19	---	-0.1	-50.95	1	
S2P7LCO2	SEC2P07LCO2	1/28/2016 7:50		48.2	32.9	2.8	16.1	0.22	87	31	-2	-52.5	5	No change,,,,,,
S2P7LCO2	SEC2P07LCO2	1/28/2016 7:50	ADJ	48.2	32.9	2.8	16.1	0.21	87	30	-1.7	-52.5	5	
S2P7LCO2	SEC2P07LCO2	2/10/2016 10:14		61.1	38.1	0	0.8	-0.08	82	---	-0.8	-55.46	5	Opened valve 1/2 turn or less,,,,,,
S2P7LCO2	SEC2P07LCO2	2/10/2016 10:14	ADJ	61.1	38.1	0	0.8	0.2	83	29	-1.1	-55.46	5.5	
S2P7LCO2	SEC2P07LCO2	3/29/2016 9:31		55.6	35.2	0.1	9.1	6.12	87	168	-6.1	-57.17	5.5	Opened valve 1/2 turn or less,,,,,,
S2P7LCO2	SEC2P07LCO2	3/29/2016 9:31	ADJ	55.6	35.2	0.1	9.1	6.31	87	171	-6.3	-57.17	6	
S2P7LCO2	SEC2P07LCO2	4/7/2016 10:31		50.5	33.2	1.8	14.5	0.44	88	43	-7	-57.46	6	No change,,,,,,
S2P7LCO2	SEC2P07LCO2	4/7/2016 10:31	ADJ	50.5	33.2	1.8	14.5	0.37	88	39	-7	-57.46	6	
S2P7LCO2	SEC2P07LCO2	5/24/2016 10:48		52	33.8	1.8	12.4	5.54	91	158	-5.5	-52.74	5	No change,,,,,,
S2P7LCO2	SEC2P07LCO2	5/24/2016 10:48	ADJ	52	33.8	1.8	12.4	5.55	91	159	-5.5	-52.74	5	
S2P7LCO2	SEC2P07LCO2	6/27/2016 9:47		52.3	35	1.5	11.2	21.11	89	292	-56.4	-56.64	75	No change,,,,,,
S2P7LCO2	SEC2P07LCO2	6/27/2016 9:47	ADJ	52.3	35	1.5	11.2	20.95	90	291	-56	-56.64	75	
S2P7LCO2	SEC2P07LCO2	7/20/2016 8:08		59.7	38	0.4	1.9	0.1	88	20	-46.3	-46.68	75	,,,,,,
S2P7LCO2	SEC2P07LCO2	7/20/2016 8:08	ADJ	59.7	38	0.4	1.9	0.05	88	13	-45.7	-46.68	75	
S2P7LCO2	SEC2P07LCO2	8/3/2016 7:44		55.4	38	0.1	6.5	-1.71	91	---	-30.6	-50.58	75	,,,,,,
S2P7LCO2	SEC2P07LCO2	8/3/2016 7:44	ADJ	55.4	38	0.1	6.5	2.48	91	101	-32.9	-50.58	78	
S2P7LCO2	SEC2P07LCO2	8/3/2016 7:47		55.5	38.1	0	6.4	2.22	91	95	-32.9	-50.09	78	,,,,,,
S2P7LCO2	SEC2P07LCO2	8/3/2016 7:47	ADJ	55.5	38.1	0	6.4	2.35	91	98	-33.2	-50.09	78	
S2P7LCO2	SEC2P07LCO2	9/15/2016 8:13		61.1	36.8	0.5	1.6	3.56	94	121	-48	-53.21	78	,,,,,,
S2P7LCO2	SEC2P07LCO2	9/15/2016 8:13	ADJ	61.1	36.8	0.5	1.6	-0.68	94	121	-48.5	-53.21	80	
S2P7LCO2	SEC2P07LCO2	10/27/2016 8:25		60.5	39.4	0	0.1	0.13	84	23	-0.1	-49.5	1	,,,,,,
S2P7LCO2	SEC2P07LCO2	10/27/2016 8:25	ADJ	60.5	39.4	0	0.1	0.17	85	27	-0.2	-49.5	2	
S2P7LCO2	SEC2P07LCO2	11/22/2016 9:10		60.8	39.1	0	0.1	-0.62	84	---	0	-48.94	2	,,,,,,
S2P7LCO2	SEC2P07LCO2	11/22/2016 9:10	ADJ	60.8	39.1	0	0.1	-0.6	84	---	-0.1	-48.94	5	
S2P7LCO2	SEC2P07LCO2	11/22/2016 9:12		60.9	39	0	0.1	0.2	85	29	-0.1	-48.52	5	,,,,,,
S2P7LCO2	SEC2P07LCO2	11/22/2016 9:12	ADJ	60.9	39	0	0.1	0.19	85	29	-0.1	-48.52	5	
S2P7LCO2	SEC2P07LCO2	12/15/2016 12:40		55.5	35.1	1.4	8	-0.89	85	---	0	-52.17	5	,,,,,,
S2P7LCO2	SEC2P07LCO2	12/15/2016 12:40	ADJ	55.5	35.1	1.4	8	-0.74	86	---	-0.1	-52.17	6	
S2P7LCO2	SEC2P07LCO2	12/15/2016 12:42		55.4	35	1.3	8.3	-0.56	86	---	-0.1	-52.12	6	,,,,,,
S2P7LCO2	SEC2P07LCO2	12/15/2016 12:42	ADJ	55.4	35	1.3	8.3	-0.67	86	---	-0.1	-52.12	6	
Supplemental														
S1NoMain	SEC1north_main	1/15/2016 14:29		49.5	38.4	0	12.1	0.11	48	62	-27.7	-59.63	---	No change,,,,,,
S1NoMain	SEC1north_main	1/15/2016 14:29	ADJ	49.5	38.4	0	12.1	0.06	48	46	-27.7	-59.63	---	
S1NoMain	SEC1north_main	2/9/2016 11:26		41.4	32.9	1.1	24.6	0.36	44	114	-25.3	-60.73	---	No change,,,,,,
S1NoMain	SEC1north_main	2/9/2016 11:26	ADJ	41.4	32.9	1.1	24.6	0.08	44	54	-25.4	-60.73	---	
S1NoMain	SEC1north_main	2/9/2016 15:12		43.4	35.2	0	21.4	0.19	44	83	-22.1	-60.9	---	No change,,,,,,
S1NoMain	SEC1north_main	2/9/2016 15:12	ADJ	43.4	35.2	0	21.4	0.18	44	81	-22.1	-60.9	---	
S1NoMain	SEC1north_main	3/14/2016 15:55		34.4	32.3	0	33.3	0.26	46	95	-20.8	-62.51	---	No change,,,,,,
S1NoMain	SEC1north_main	3/14/2016 15:55	ADJ	34.4	32.3	0	33.3	0.23	45	90	-20.8	-62.51	---	
S1NoMain	SEC1north_main	3/29/2016 5:46		35.1	31.4	0	33.5	0.13	46	68	-20.6	-57.43	---	No change,,,,,,
S1NoMain	SEC1north_main	3/29/2016 5:46	ADJ	35.1	31.4	0	33.5	0.4	46	121	-20.6	-57.43	---	
S1NoMain	SEC1north_main	3/29/2016 16:00		44.2	34.7	0	21.1	0.33	47	109	-28	-64.69	---	No change,,,,,,
S1NoMain	SEC1north_main	3/29/2016 16:00	ADJ	44.2	34.7	0	21.1	0.3	47	103	-28	-64.69	---	
S1NoMain	SEC1north_main	4/5/2016 10:55		40.8	33.3	0	25.9	0.33	46	108	-30.6	-66.49	---	No change,,,,,,
S1NoMain	SEC1north_main	4/5/2016 10:55	ADJ	40.8	33.3	0	25.9	0.16	46	75	-30.6	-66.49	---	
S1NoMain	SEC1north_main	4/7/2016 8:23		42	33.6	0	24.4	0.2	47	85	-29.7	-62.08	---	No change,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
S1NoMain	SEC1north_main	4/7/2016 8:23	ADJ	42	33.6	0	24.4	0.25	47	95	-29.7	-62.08	---	
S1NoMain	SEC1north_main	4/7/2016 16:47		45.4	34.8	0	19.8	0.24	47	92	-34.1	-62.49	---	No change,,,,,,,
S1NoMain	SEC1north_main	4/7/2016 16:47	ADJ	45.4	34.8	0	19.8	0.04	47	39	-34.1	-62.49	---	
S1NoMain	SEC1north_main	5/23/2016 13:29		49	36	0	15	0.26	54	97	-31.9	-59.7	---	No change,,,,,,,
S1NoMain	SEC1north_main	5/23/2016 13:29	ADJ	49	36	0	15	0.21	54	86	-31.9	-59.7	---	
S1NoMain	SEC1north_main	5/23/2016 16:23		51.3	36.6	0	12.1	0.22	54	90	-24.2	-59.46	---	No change,,,,,,,
S1NoMain	SEC1north_main	5/23/2016 16:23	ADJ	51.3	36.6	0	12.1	0.29	54	103	-24.2	-59.46	---	
S1NoMain	SEC1north_main	5/24/2016 10:43		49.3	36.1	0	14.6	0.23	54	91	-25	-59.91	0	No change,,,,,,,
S1NoMain	SEC1north_main	5/24/2016 10:43	ADJ	49.3	36.1	0	14.6	0.32	54	107	-25	-59.91	---	
S1NoMain	SEC1north_main	6/20/2016 12:05		49.3	35.6	0	15.1	22.54	63	931	-25	-58.28	---	No change,,,,,,,
S1NoMain	SEC1north_main	6/20/2016 12:05	ADJ	49.3	35.6	0	15.1	20.14	62	881	-25	-58.28	---	
S1NoMain	SEC1north_main	6/20/2016 13:43		52.4	36.3	0	11.3	22.96	63	943	-26.3	-57.89	0	No change,,,,,,,
S1NoMain	SEC1north_main	6/20/2016 13:43	ADJ	52.4	36.3	0	11.3	19.63	62	872	-26.3	-57.89	---	
S1NoMain	SEC1north_main	7/20/2016 8:00		49.9	36.9	0	13.2	0.32	63	107	-26.2	-58.59	---	,,,,,,,
S1NoMain	SEC1north_main	7/20/2016 8:00	ADJ	49.9	36.9	0	13.2	0.21	63	86	-26.2	-58.59	---	
S1NoMain	SEC1north_main	7/21/2016 8:02		50.5	37.4	0	12.1	0.11	62	62	-26.2	-60.12	0	,,,,,,,
S1NoMain	SEC1north_main	7/21/2016 8:02	ADJ	50.5	37.4	0	12.1	0.17	62	78	-26.2	-60.12	---	
S1NoMain	SEC1north_main	7/21/2016 9:49		50.5	37.3	0	12.2	-0.16	74	---	-26.6	-59.6	0	,,,,,,,
S1NoMain	SEC1north_main	7/21/2016 9:49	ADJ	50.5	37.3	0	12.2	-0.05	74	---	-26.6	-59.6	---	
S1NoMain	SEC1north_main	8/3/2016 7:38		50.2	37.4	0	12.4	0.32	55	106	-26.2	-26.25	---	,,,,,,,
S1NoMain	SEC1north_main	8/3/2016 7:38	ADJ	50.2	37.4	0	12.4	0.09	55	55	-26.2	-26.25	---	
S1NoMain	SEC1north_main	8/3/2016 16:43		46	34.1	1	18.9	0.05	67	41	-27.8	-59.43	---	,,,,,,,
S1NoMain	SEC1north_main	8/3/2016 16:43	ADJ	46	34.1	1	18.9	0.09	67	55	-27.8	-59.43	---	
S1NoMain	SEC1north_main	8/4/2016 8:25		51	37.5	0	11.5	7.43	78	519	-27.8	-27.92	---	,,,,,,,
S1NoMain	SEC1north_main	8/4/2016 8:25	ADJ	51	37.5	0	11.5	7.34	78	516	-27.8	-27.92	---	
S1NoMain	SEC1north_main	9/14/2016 12:13		54.5	38.9	0	6.6	0.27	63	97	-38.1	-61.8	0	,,,,,,,
S1NoMain	SEC1north_main	9/14/2016 12:13	ADJ	54.5	38.9	0	6.6	0.21	63	84	-38.1	-61.8	---	
S1NoMain	SEC1north_main	9/15/2016 7:58		55	39	0	6	0.09	58	55	-32.8	-32.84	---	,,,,,,,
S1NoMain	SEC1north_main	9/15/2016 7:58	ADJ	55	39	0	6	0.14	58	70	-32.8	-32.84	---	
S1NoMain	SEC1north_main	9/15/2016 13:00		53.7	38.2	0	8.1	0.37	64	114	-32.2	-60.44	0	,,,,,,,
S1NoMain	SEC1north_main	9/15/2016 13:00	ADJ	53.7	38.2	0	8.1	0.01	64	16	-32.3	-60.44	---	
S1NoMain	SEC1north_main	10/27/2016 16:49		54.5	40.2	0	5.3	0.33	54	109	-29.5	-58.91	---	,,,,,,,
S1NoMain	SEC1north_main	10/27/2016 16:49	ADJ	54.5	40.2	0	5.3	0.08	52	54	-29.6	-58.91	---	
S1NoMain	SEC1north_main	10/27/2016 16:52		54.6	40.2	0	5.2	0.08	54	54	-29.5	-22.16	---	,,,,,,,
S1NoMain	SEC1north_main	10/27/2016 16:52	ADJ	54.6	40.2	0	5.2	0.17	54	78	-29.6	-22.16	---	
S1NoMain	SEC1north_main	10/27/2016 16:53		54.5	40.1	0	5.4	29.4	54	1020	-59.1	-58.92	---	,,,,,,,
S1NoMain	SEC1north_main	10/27/2016 16:53	ADJ	54.5	40.1	0	5.4	29.45	54	1022	-58.8	-58.92	---	
S1NoMain	SEC1north_main	11/21/2016 14:30		53.3	38.8	0.6	7.3	0.34	59	110	-29	-58.87	---	,,,,,,,
S1NoMain	SEC1north_main	11/21/2016 14:30	ADJ	53.3	38.8	0.6	7.3	0.3	59	104	-29	-58.87	---	
S1NoMain	SEC1north_main	11/22/2016 9:04		54.6	38.8	0.5	6.1	0.15	59	72	-28.4	-58.98	---	,,,,,,,
S1NoMain	SEC1north_main	11/22/2016 9:04	ADJ	54.6	38.8	0.5	6.1	0.04	59	39	-28.4	-58.98	---	
S1NoMain	SEC1north_main	12/15/2016 9:23		49	37	0.8	13.2	0.04	42	38	-42.9	-62.95	---	,,,,,,,
S1NoMain	SEC1north_main	12/15/2016 9:23	ADJ	49	37	0.8	13.2	0.05	42	43	-42.8	-62.95	---	
S1NoMain	SEC1north_main	12/16/2016 9:09		49	36.8	1.3	12.9	0.07	42	48	-40.9	-62.23	---	,,,,,,,
S1NoMain	SEC1north_main	12/16/2016 9:09	ADJ	49	36.8	1.3	12.9	-0.01	42	48	-40.9	-62.23	---	
S1NoMain	SEC1north_main	12/22/2016 9:38		53.4	39.7	0	6.9	0.05	39	41	-18.9	-47.7	---	,,,,,,,
S1NoMain	SEC1north_main	12/22/2016 9:38	ADJ	53.4	39.7	0	6.9	-0.11	39	41	-18.9	-47.7	---	
S1SoMain	SEC1SouthMain	1/15/2016 14:28		48.4	38	0	13.6	-0.16	52	---	-27.1	-59.24	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	1/15/2016 14:28	ADJ	48.4	38	0	13.6	0.06	52	47	-26.8	-59.24	---	
S1SoMain	SEC1SouthMain	2/9/2016 11:22		44.7	36.4	0	18.9	0.13	48	67	-24.6	-61.64	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	2/9/2016 11:22	ADJ	44.7	36.4	0	18.9	0.1	48	59	-24.6	-61.64	---	
S1SoMain	SEC1SouthMain	2/9/2016 15:10		45.5	36.6	0	17.9	0.02	49	29	-22.2	-61.08	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	2/9/2016 15:10	ADJ	45.5	36.6	0	17.9	0.1	49	61	-22.2	-61.08	---	
S1SoMain	SEC1SouthMain	3/14/2016 15:53		45.7	37.1	0	17.2	0.37	52	115	-20.8	-62.18	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	3/14/2016 15:53	ADJ	45.7	37.1	0	17.2	0.18	52	81	-20.9	-62.18	---	
S1SoMain	SEC1SouthMain	3/29/2016 5:45		47.7	36.4	0	15.9	0.26	52	97	-20.6	-56.87	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	3/29/2016 5:45	ADJ	47.7	36.4	0	15.9	0.25	52	96	-20.7	-56.87	---	
S1SoMain	SEC1SouthMain	3/29/2016 15:58		49	36.8	0	14.2	0.01	53	14	-27.4	-63.92	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	3/29/2016 15:58	ADJ	49	36.8	0	14.2	0.14	53	69	-27.5	-63.92	---	
S1SoMain	SEC1SouthMain	4/5/2016 10:53		45.8	36	0	18.2	0.22	52	87	-30	-66.12	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	4/5/2016 10:53	ADJ	45.8	36	0	18.2	0.11	52	63	-30.1	-66.12	---	
S1SoMain	SEC1SouthMain	4/7/2016 8:21		47.1	36.4	0	16.5	0.04	52	38	-29.4	-61.77	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	4/7/2016 8:21	ADJ	47.1	36.4	0	16.5	0.09	52	56	-29.4	-61.77	---	
S1SoMain	SEC1SouthMain	4/7/2016 16:46		49.4	36.7	0	13.9	0.07	52	48	-33.8	-62.29	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	4/7/2016 16:46	ADJ	49.4	36.7	0	13.9	0.07	53	48	-33.7	-62.29	---	
S1SoMain	SEC1SouthMain	5/23/2016 13:27		48.1	36.8	0	15.1	0.1	63	59	-31.5	-59.28	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	5/23/2016 13:27	ADJ	48.1	36.8	0	15.1	0.05	63	41	-31.5	-59.28	---	
S1SoMain	SEC1SouthMain	5/23/2016 16:22		52.4	37.3	0	10.3	0.19	62	83	-23.1	-59.27	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	5/23/2016 16:22	ADJ	52.4	37.3	0	10.3	0.39	62	118	-23	-59.27	---	
S1SoMain	SEC1SouthMain	5/24/2016 10:40		50	36.4	0	13.6	0.14	62	71	-24	-59.8	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	5/24/2016 10:40	ADJ	50	36.4	0	13.6	0.15	62	73	-24	-59.8	---	
S1SoMain	SEC1SouthMain	6/20/2016 12:03		44.7	34.5	0	20.8	23.18	71	933	-24.4	-57.94	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	6/20/2016 12:03	ADJ	44.7	34.5	0	20.8	20.19	71	870	-24.3	-57.94	---	
S1SoMain	SEC1SouthMain	6/20/2016 13:41		48.9	36.8	0	14.3	20.79	71	883	-25.7	-57.68	---	No change,,,,,,,
S1SoMain	SEC1SouthMain	6/20/2016 13:41	ADJ	48.9	36.8	0	14.3	18.52	71	833	-25.7	-57.68	---	
S1SoMain	SEC1SouthMain	7/20/2016 7:58		47.3	37.3	0	15.4	0.22	75	86	-25	-58.98	---	,,,,,,,
S1SoMain	SEC1SouthMain	7/20/2016 7:58	ADJ	47.3	37.3	0	15.4	0.45	75	125	-25	-58.98	---	
S1SoMain	SEC1SouthMain	7/21/2016 7:59		47.5	37.7	0	14.8	0.14	73	69	-25.2	-59.59	---	,,,,,,,
S1SoMain	SEC1SouthMain	7/21/2016 7:59	ADJ	47.5	37.7	0	14.8	0.25	73	92	-25.1	-59.59	---	
S1SoMain	SEC1SouthMain	7/21/2016 9:47		48.8	37.9	0	13.3	-0.08	75	---	-25.6	-59.49	0	,,,,,,,
S1SoMain	SEC1SouthMain	7/21/2016 9:47	ADJ	48.8	37.9	0	13.3	-0.21	75	---	-25.6	-59.49	---	
S1SoMain	SEC1SouthMain	8/3/2016 7:36		48.2	38.2	0	13.6	0.1	75	59	-25.3	-25.34	---	,,,,,,,
S1SoMain	SEC1SouthMain	8/3/2016 7:36	ADJ	48.2	38.2	0	13.6	0.17	75	76	-25.3	-25.34	---	
S1SoMain	SEC1SouthMain	8/3/2016 16:39		49	38.2	0	12.8	26.89	77	991	-26.8	-59.41	---	,,,,,,,
S1SoMain	SEC1SouthMain	8/3/2016 16:39	ADJ	49	38.2	0	12.8	26.9	77	991	-26.8	-59.41	---	
S1SoMain	SEC1SouthMain	8/4/2016 8:24		49.5	38.5	0	12	1.23	75	208	-26.9	-26.69	---	,,,,,,,
S1SoMain	SEC1SouthMain	8/4/2016 8:24	ADJ	49.5	38.5	0	12	1.29	75	213	-26.8	-26.69	---	
S1SoMain	SEC1SouthMain	9/14/2016 12:08		53.6	38.8	0	7.6	0.23	67	88	-37.5	-61.49	---	,,,,,,,
S1SoMain	SEC1SouthMain	9/14/2016 12:08	ADJ	53.6	38.8	0	7.6	0.2	67	82	-37.5	-61.49	---	
S1SoMain	SEC1SouthMain	9/15/2016 8:01		55.9	39.6	0	4.5	0.08	76	52	-32.3	-32.33	0	,,,,,,,
S1SoMain	SEC1SouthMain	9/15/2016 8:01	ADJ	55.9	39.6	0	4.5	0.04	76	36	-32.3	-32.33	---	
S1SoMain	SEC1SouthMain	9/15/2016 12:58		55.1	38.8	0	6.1	0.19	77	81	-31.7	-60.2	0	,,,,,,,
S1SoMain	SEC1SouthMain	9/15/2016 12:58	ADJ	55.1	38.8	0	6.1	0.26	77	94	-31.7	-60.2	---	
S1SoMain	SEC1SouthMain	10/27/2016 9:02		53.2	39.9	0.2	6.7	0.11	69	61	-29.7	-29.72	0	,,,,,,,
S1SoMain	SEC1SouthMain	10/27/2016 9:02	ADJ	53.2	39.9	0.2	6.7	0.18	69	78	-29.7	-29.72	---	
S1SoMain	SEC1SouthMain	10/27/2016 16:45		56.3	41.2	0	2.5	0.16	72	74	-28.9	-58.76	---	,,,,,,,
S1SoMain	SEC1SouthMain	10/27/2016 16:45	ADJ	56.3	41.2	0	2.5	0.07	72	49	-28.9	-58.76	---	
S1SoMain	SEC1SouthMain	10/27/2016 16:45		56.3	41.2	0	2.5	0.16	72	74	-28.9	-59	---	,,,,,,,
S1SoMain	SEC1SouthMain	10/27/2016 16:45	ADJ	56.3	41.2	0	2.5	29.88	72	1012	-58.6	-59	---	
S1SoMain	SEC1SouthMain	11/21/2016 14:26		53.1	39.9	0.6	6.4	0.04	65	37	-28.8	-58.8	---	,,,,,,,
S1SoMain	SEC1SouthMain	11/21/2016 14:26	ADJ	53.1	39.9	0.6	6.4	0.17	65	76	-28.8	-58.8	---	
S1SoMain	SEC1SouthMain	11/21/2016 14:27		53.1	39.9	0.6	6.4	0.04	65	37	-28.8	-58.93	---	,,,,,,,
S1SoMain	SEC1SouthMain	11/21/2016 14:27	ADJ	53.1	39.9	0.6	6.4	0.17	65	76	-28.8	-58.93	---	
S1SoMain	SEC1SouthMain	11/22/2016 9:01		53.8	39.7	0.4	6.1	0.09	64	57	-28.1	-59.27	---	,,,,,,,
S1SoMain	SEC1SouthMain	11/22/2016 9:01	ADJ	53.8	39.7	0.4	6.1	0.18	64	80	-28.2	-59.27	---	
S1SoMain	SEC1SouthMain	12/15/2016 9:16		49.4	38	0.2	12.4	0.04	55	35	-43.1	-63.51	---	,,,,,,,
S1SoMain	SEC1SouthMain	12/15/2016 9:16	ADJ	49.4	38	0.2	12.4	0.11	55	60	-43.1	-63.51	---	
S1SoMain	SEC1SouthMain	12/16/2016 9:01		48.6	37.2	1.2	13	0.15	56	71	-41.4	-41.46	---	,,,,,,,
S1SoMain	SEC1SouthMain	12/16/2016 9:01	ADJ	48.6	37.2	1.2	13	0.03	56	32	-41.4	-41.46	---	
S1SoMain	SEC1SouthMain	12/16/2016 9:04		48.3	37	1.1	13.6	0.12	54	64	-41.4	-62.54	---	,,,,,,,
S1SoMain	SEC1SouthMain	12/16/2016 9:04	ADJ	48.3	37	1.1	13.6	0.12	54	63	-41.5	-62.54	---	
S1SoMain	SEC1SouthMain	12/22/2016 9:36		55.5	40.8	0	3.7	0.08	46	54	-22.4	-47.59	---	,,,,,,,
S1SoMain	SEC1SouthMain	12/22/2016 9:36	ADJ	55.5	40.8	0	3.7	0.13	46	70	-21.8	-47.59	---	
SEC2Main	SEC2Main	1/15/2016 14:26		49.7	36.3	0.8	13.2	---	49	---	-59.9	-59.84	---	No change,,,,,,,
SEC2Main	SEC2Main	1/15/2016 14:26	ADJ	49.7	36.3	0.8	13.2	---	49	---	-60	-59.84	---	
SEC2Main	SEC2Main	2/9/2016 11:21		48.5	35.9	0.5	15.1	---	46	---	-62.2	-62.19	---	No change,,,,,,,
SEC2Main	SEC2Main	2/9/2016 11:21	ADJ	48.5	35.9	0.5	15.1	---	45	---	-62	-62.19	---	
SEC2Main	SEC2Main	2/9/2016 15:08		49.3	36.5	0.1	14.1	---	46	---	-61.8	-61.82	---	No change,,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2Main	SEC2Main	2/9/2016 15:08	ADJ	49.3	36.5	0.1	14.1	---	46	---	-62	-61.82	---	
SEC2Main	SEC2Main	2/10/2016 10:10		49.4	35.8	0.6	14.2	---	45	---	-62.4	-62.31	---	No change,,,,,,,
SEC2Main	SEC2Main	2/10/2016 10:10	ADJ	49.4	35.8	0.6	14.2	---	45	---	-62.3	-62.31	---	
SEC2Main	SEC2Main	2/11/2016 10:04		46.3	34	1.4	18.3	---	45	---	-65.2	-65.18	---	No change,,,,,,,
SEC2Main	SEC2Main	2/11/2016 10:04	ADJ	46.3	34	1.4	18.3	---	45	---	-65.2	-65.18	---	
SEC2Main	SEC2Main	2/11/2016 15:49		48.2	36.1	0.2	15.5	---	45	---	-64.1	-64.13	---	No change,,,,,,,
SEC2Main	SEC2Main	2/11/2016 15:49	ADJ	48.2	36.1	0.2	15.5	---	45	---	-64.2	-64.13	---	
SEC2Main	SEC2Main	2/12/2016 7:54		48.4	34.9	1.1	15.6	---	45	---	-64.3	-64.65	---	No change,,,,,,,
SEC2Main	SEC2Main	2/12/2016 7:54	ADJ	48.4	34.9	1.1	15.6	---	45	---	-64.6	-64.65	---	
SEC2Main	SEC2Main	3/14/2016 15:51		48.7	36.6	0.1	14.6	---	45	---	-63	-63.1	---	No change,,,,,,,
SEC2Main	SEC2Main	3/14/2016 15:51	ADJ	48.7	36.6	0.1	14.6	---	45	---	-63	-63.1	---	
SEC2Main	SEC2Main	3/23/2016 7:47		50.2	36.1	0.5	13.2	---	45	---	-61.3	-61.32	---	No change,,,,,,,
SEC2Main	SEC2Main	3/23/2016 7:47	ADJ	50.2	36.1	0.5	13.2	---	45	---	-61.3	-61.32	---	
SEC2Main	SEC2Main	3/29/2016 5:31		50.3	35.6	1.8	12.3	---	47	---	-58.2	-57.78	---	No change,,,,,,,
SEC2Main	SEC2Main	3/29/2016 5:31	ADJ	50.3	35.6	1.8	12.3	---	46	---	-57.8	-57.78	---	
SEC2Main	SEC2Main	3/29/2016 15:56		52.1	36.7	0	11.2	---	46	---	-65	-65.06	---	No change,,,,,,,
SEC2Main	SEC2Main	3/29/2016 15:56	ADJ	52.1	36.7	0	11.2	---	46	---	-65	-65.06	---	
SEC2Main	SEC2Main	3/30/2016 6:36		54.4	37.7	0	7.9	---	47	---	-62.8	-62.84	---	No change,,,,,,,
SEC2Main	SEC2Main	3/30/2016 6:36	ADJ	54.4	37.7	0	7.9	---	46	---	-62.8	-62.84	---	
SEC2Main	SEC2Main	3/30/2016 14:03		54.1	37.7	0	8.2	---	48	---	-61.3	-61.28	---	No change,,,,,,,
SEC2Main	SEC2Main	3/30/2016 14:03	ADJ	54.1	37.7	0	8.2	---	47	---	-61.3	-61.28	---	
SEC2Main	SEC2Main	4/5/2016 10:48		48.7	35	0.5	15.8	---	46	---	-66.9	-66.98	---	No change,,,,,,,
SEC2Main	SEC2Main	4/5/2016 10:48	ADJ	48.7	35	0.5	15.8	---	46	---	-66.9	-66.98	---	
SEC2Main	SEC2Main	4/7/2016 8:20		51	36	0.5	12.5	---	47	---	-62.3	-62.36	---	No change,,,,,,,
SEC2Main	SEC2Main	4/7/2016 8:20	ADJ	51	36	0.5	12.5	---	47	---	-62.3	-62.36	---	
SEC2Main	SEC2Main	4/7/2016 16:44		52.8	36.3	0	10.9	---	47	---	-62.6	-62.69	---	No change,,,,,,,
SEC2Main	SEC2Main	4/7/2016 16:44	ADJ	52.8	36.3	0	10.9	---	47	---	-62.6	-62.69	---	
SEC2Main	SEC2Main	4/19/2016 14:30		44.5	32	3.4	20.1	---	49	---	-60.2	-59.82	---	No change,,,,,,,
SEC2Main	SEC2Main	4/19/2016 14:30	ADJ	44.5	32	3.4	20.1	---	49	---	-59.9	-59.82	---	
SEC2Main	SEC2Main	4/29/2016 14:03		44.5	32.3	3.8	19.4	---	50	---	-57.9	-58	---	No change,,,,,,,
SEC2Main	SEC2Main	4/29/2016 14:03	ADJ	44.5	32.3	3.8	19.4	---	50	---	-58	-58	---	
SEC2Main	SEC2Main	5/3/2016 9:17		45.2	32.3	3.7	18.8	---	52	---	-58.6	-58.74	---	No change,,,,,,,
SEC2Main	SEC2Main	5/3/2016 9:17	ADJ	45.2	32.3	3.7	18.8	---	52	---	-58.6	-58.74	---	
SEC2Main	SEC2Main	5/6/2016 13:36		52	37.7	0.3	10	---	53	---	-60.7	-60.62	---	No change,,,,,,,
SEC2Main	SEC2Main	5/6/2016 13:36	ADJ	52	37.7	0.3	10	---	53	---	-60.6	-60.62	---	
SEC2Main	SEC2Main	5/19/2016 8:09		50.8	36.7	0.7	11.8	---	55	---	-62	-61.98	---	No change,,,,,,,
SEC2Main	SEC2Main	5/19/2016 8:09	ADJ	50.8	36.7	0.7	11.8	---	55	---	-62	-61.98	---	
SEC2Main	SEC2Main	5/23/2016 13:25		51.4	37.2	0.6	10.8	---	56	---	-59.7	-59.77	---	No change,,,,,,,
SEC2Main	SEC2Main	5/23/2016 13:25	ADJ	51.4	37.2	0.6	10.8	---	56	---	-59.7	-59.77	---	
SEC2Main	SEC2Main	5/23/2016 16:20		51.2	37.3	0.3	11.2	---	59	---	-59.8	-59.9	---	No change,,,,,,,
SEC2Main	SEC2Main	5/23/2016 16:20	ADJ	51.2	37.3	0.3	11.2	---	57	---	-59.8	-59.9	---	
SEC2Main	SEC2Main	5/24/2016 10:38		51.2	37	0.7	11.1	---	57	---	-60.6	-60.57	---	No change,,,,,,,
SEC2Main	SEC2Main	5/24/2016 10:38	ADJ	51.2	37	0.7	11.1	---	57	---	-60.6	-60.57	---	
SEC2Main	SEC2Main	5/24/2016 16:38		50.4	36.6	0.5	12.5	---	58	---	-59.1	-59.14	---	No change,,,,,,,
SEC2Main	SEC2Main	5/24/2016 16:38	ADJ	50.4	36.6	0.5	12.5	---	57	---	-59.2	-59.14	---	
SEC2Main	SEC2Main	6/20/2016 12:02		52.7	37.3	1.1	8.9	---	66	---	-58.3	-58.46	---	No change,,,,,,,
SEC2Main	SEC2Main	6/20/2016 12:02	ADJ	52.7	37.3	1.1	8.9	---	66	---	-58.3	-58.46	---	
SEC2Main	SEC2Main	6/20/2016 13:40		53	38	1	8	---	70	---	-58.4	-58.07	---	No change,,,,,,,
SEC2Main	SEC2Main	6/20/2016 13:40	ADJ	53	38	1	8	---	68	---	-58.2	-58.07	---	
SEC2Main	SEC2Main	6/27/2016 7:22		47.4	36.7	0.6	15.3	---	69	---	-60	-60.04	---	No change,,,,,,,
SEC2Main	SEC2Main	6/27/2016 7:22	ADJ	47.4	36.7	0.6	15.3	---	69	---	-59.3	-60.04	---	
SEC2Main	SEC2Main	6/27/2016 15:16		50.9	36.9	0.3	11.9	---	68	---	-58.7	-58.75	---	No change,,,,,,,
SEC2Main	SEC2Main	6/27/2016 15:16	ADJ	50.9	36.9	0.3	11.9	---	68	---	-58.6	-58.75	---	
SEC2Main	SEC2Main	7/20/2016 7:55		48.2	35.9	1.8	14.1	---	68	---	-58.2	-58.82	---	,,,,,,,
SEC2Main	SEC2Main	7/20/2016 7:55	ADJ	48.2	35.9	1.8	14.1	---	68	---	-58.3	-58.82	---	
SEC2Main	SEC2Main	7/21/2016 7:56		50.6	36.6	1.1	11.7	---	65	---	-60.7	-60.45	0	,,,,,,,
SEC2Main	SEC2Main	7/21/2016 7:56	ADJ	50.6	36.6	1.1	11.7	---	65	---	-60.3	-60.45	---	
SEC2Main	SEC2Main	7/21/2016 9:45		50.6	36.8	1.2	11.4	---	68	---	-60.4	-60.12	0	,,,,,,,
SEC2Main	SEC2Main	7/21/2016 9:45	ADJ	50.6	36.8	1.2	11.4	---	68	---	-59.9	-60.12	---	
SEC2Main	SEC2Main	8/3/2016 7:33		50.5	36.8	0.9	11.8	---	67	---	-59.8	-59.87	---	,,,,,,,
SEC2Main	SEC2Main	8/3/2016 7:33	ADJ	50.5	36.8	0.9	11.8	---	67	---	-59.8	-59.87	---	
SEC2Main	SEC2Main	8/3/2016 16:37		50.1	36.6	0.8	12.5	---	67	---	-60.3	-60.28	0	,,,,,,,
SEC2Main	SEC2Main	8/3/2016 16:37	ADJ	50.1	36.6	0.8	12.5	---	67	---	-60.4	-60.28	---	
SEC2Main	SEC2Main	8/4/2016 8:22		51.3	37.3	0.7	10.7	---	65	---	-60.7	-60.76	---	,,,,,,,
SEC2Main	SEC2Main	8/4/2016 8:22	ADJ	51.3	37.3	0.7	10.7	---	65	---	-60.7	-60.76	---	
SEC2Main	SEC2Main	9/14/2016 12:05		53.2	36.9	1	8.9	---	65	---	-61.8	-61.75	---	,,,,,,,
SEC2Main	SEC2Main	9/14/2016 12:05	ADJ	53.2	36.9	1	8.9	---	65	---	-61.8	-61.75	---	
SEC2Main	SEC2Main	9/14/2016 12:08		53.6	38.8	0	7.6	0.23	67	88	-37.5	-61.49	---	,,,,,,,
SEC2Main	SEC2Main	9/14/2016 12:08	ADJ	53.6	38.8	0	7.6	0.2	67	82	-37.5	-61.49	---	
SEC2Main	SEC2Main	9/15/2016 7:54		54.1	37.5	0.7	7.7	---	64	---	-61.9	-61.9	0	,,,,,,,
SEC2Main	SEC2Main	9/15/2016 7:54	ADJ	54.1	37.5	0.7	7.7	---	64	---	-61.7	-61.9	---	
SEC2Main	SEC2Main	9/15/2016 12:56		54.2	37.3	0.4	8.1	---	65	---	-60.4	-60.55	0	,,,,,,,
SEC2Main	SEC2Main	9/15/2016 12:56	ADJ	54.2	37.3	0.4	8.1	---	65	---	-60.6	-60.55	---	
SEC2Main	SEC2Main	10/27/2016 9:00		52.5	37.1	1.3	9.1	---	64	---	-60.3	-60.05	---	,,,,,,,
SEC2Main	SEC2Main	10/27/2016 9:00	ADJ	52.5	37.1	1.3	9.1	---	65	---	-60.3	-60.05	---	
SEC2Main	SEC2Main	10/27/2016 16:41		55.4	38.2	1.1	5.3	---	54	---	-58.8	-58.17	---	,,,,,,,
SEC2Main	SEC2Main	10/27/2016 16:41	ADJ	55.4	38.2	1.1	5.3	---	54	---	-59.8	-58.17	---	
SEC2Main	SEC2Main	11/21/2016 14:23		50.2	36.5	1.7	11.6	---	51	---	-59.2	-58.87	---	,,,,,,,
SEC2Main	SEC2Main	11/21/2016 14:23	ADJ	50.2	36.5	1.7	11.6	---	51	---	-59	-58.87	---	
SEC2Main	SEC2Main	11/22/2016 8:58		51.8	36.5	1.7	10	---	50	---	-59.2	-59.24	0	,,,,,,,
SEC2Main	SEC2Main	11/22/2016 8:58	ADJ	51.8	36.5	1.7	10	---	50	---	-59.4	-59.24	---	
SEC2Main	SEC2Main	11/22/2016 15:30		52.8	37	1.2	9	---	51	---	-59.7	-60.04	---	,,,,,,,
SEC2Main	SEC2Main	11/22/2016 15:30	ADJ	52.8	37	1.2	9	---	51	---	-59.5	-60.04	---	
SEC2Main	SEC2Main	12/15/2016 9:12		50.5	35.2	1.3	13	---	44	---	-63.2	-63.13	---	,,,,,,,
SEC2Main	SEC2Main	12/15/2016 9:12	ADJ	50.5	35.2	1.3	13	---	44	---	-63.7	-63.13	---	
SEC2Main	SEC2Main	12/16/2016 8:59		52.3	36.2	1.1	10.4	---	54	---	-62.5	-62.72	0	,,,,,,,
SEC2Main	SEC2Main	12/16/2016 8:59	ADJ	52.3	36.2	1.1	10.4	---	54	---	-62.2	-62.72	---	
SEC2Main	SEC2Main	12/22/2016 9:33		52	36.2	1.5	10.3	---	44	---	-60.1	-60.12	0	,,,,,,,
SEC2Main	SEC2Main	12/22/2016 9:33	ADJ	52	36.2	1.5	10.3	---	44	---	-59.9	-60.12	---	
SEC2Main	SEC2Main	12/22/2016 13:37		52.3	36.5	1.7	9.5	---	47	---	-60.4	-60.2	0	,,,,,,,
SEC2Main	SEC2Main	12/22/2016 13:37	ADJ	52.3	36.5	1.7	9.5	---	47	---	-60.3	-60.2	---	
SEC2MH17	SEC2MH17	1/28/2016 12:29		57.7	42.2	0	0.1	0.03	40	11	-5.4	-46.91	5	Opened valve 1/2 turn or less,,,,,,,
SEC2MH17	SEC2MH17	1/28/2016 12:29	ADJ	57.7	42.2	0	0.1	0.15	41	26	-5.9	-46.91	10	
SEC2MH17	SEC2MH17	2/12/2016 8:38		43	34.9	0	22.1	0.12	46	23	-8.3	-52.42	10	Closed valve 1/2 turn or less,,,,,,,
SEC2MH17	SEC2MH17	2/12/2016 8:38	ADJ	43	34.9	0	22.1	0.02	46	9	-7.7	-52.42	5	
SEC2MH17	SEC2MH17	3/30/2016 8:00		55.4	40.1	0	4.5	0.04	44	13	-2	-51.82	5	Opened valve 1/2 turn or less,,,,,,,
SEC2MH17	SEC2MH17	3/30/2016 8:00	ADJ	55.4	40.1	0	4.5	0.1	44	20	-2.3	-51.82	10	
SEC2MH17	SEC2MH17	4/19/2016 15:09		51.9	38.8	0	9.3	0.05	48	14	-5.7	-41.2	10	No change,,,,,,,
SEC2MH17	SEC2MH17	4/19/2016 15:09	ADJ	51.9	38.8	0	9.3	0.12	48	22	-5.7	-41.2	10	
SEC2MH17	SEC2MH17	5/23/2016 15:51		50.8	38	0	11.2	0.14	61	24	-5	-46.65	5	No change,,,,,,,
SEC2MH17	SEC2MH17	5/23/2016 15:51	ADJ	50.8	38	0	11.2	0.11	57	21	-5	-46.65	5	
SEC2MH17	SEC2MH17	6/6/2016 10:19		51.2	38.7	0	10.1	-0.06	56	---	-5.3	-46.34	---	No change,,,,,,,
SEC2MH17	SEC2MH17	6/6/2016 10:19	ADJ	51.2	38.7	0	10.1	-0.04	55	---	-5.3	-46.34	---	
SEC2MH18	SEC2MH18	1/29/2016 8:03		0.1	2	16.2	81.7	-0.06	30	---	-2.9	-48.63	2	Closed valve 1/2 turn or less,,,,,,,
SEC2MH18	SEC2MH18	1/29/2016 8:03	ADJ	0.1	2	16.2	81.7	-0.06	30	---	-2.4	-48.63	1	
SEC2MH18	SEC2MH18	1/29/2016 8:06		0	0.2	19.7	80.1	-0.07	19	---	-2.2	-48.7	1	No change,Valve completely closed,,,,,
SEC2MH18	SEC2MH18	1/29/2016 8:06	ADJ	0	0.2	19.7	80.1	-0.07	19	---	-2.2	-48.7	1	
SEC2MH18	SEC2MH18	2/12/2016 8:28		1.7	2.7	18.2	77.4	0.01	38	7	-2.6	-52.42	1	Closed valve 1/2 turn or less,,,,,,,
SEC2MH18	SEC2MH18	2/12/2016 8:28	ADJ	1.7	2.7	18.2	77.4	0.02	30	8	-2.6	-52.42	1	
SEC2MH18	SEC2MH18	2/12/2016 8:34		16.1	16.3	12.7	54.9	0.02	35	8	-6.5	-52.46	1	Closed valve 1/2 turn or less,Opened valve 1/2 turn or less,,,,,,
SEC2MH18	SEC2MH18	2/12/2016 8:34	ADJ	16.1	16.3	12.7	54.9	0	34	0	-5.5	-52.46	1	
SEC2MH18	SEC2MH18	2/29/2016 12:48		31.4	27.5	4.9	36.2	0.16	38	26	-4	-53.47	1	Closed valve 1/2 turn or less,,,,,,,
SEC2MH18	SEC2MH18	2/29/2016 12:48	ADJ	31.4	27.5	4.9	36.2	0.04	38	13	-2.4	-53.47	1	
SEC2MH18	SEC2MH18	3/30/2016 7:57		59.2	38.8	0	2	0	41	---	-0.8	-52.38	1	Opened valve 1/2 turn or less,,,,,,,
SEC2MH18	SEC2MH18	3/30/2016 7:57	ADJ	59.2	38.8	0	2	0	40	4	-0.9	-52.38	1.5	
SEC2MH18	SEC2MH18	4/22/2016 15:10		39.1	31.6	0.9	28.4	0.02	50	10	-2.2	-40.09	1.5	Closed valve 1/2 turn or less,,,,,,,
SEC2MH18	SEC2MH18	4/22/2016 15:10	ADJ	39.1	31.6	0.9	28.4	0.02	52	9	-2.1	-40.09	2	
SEC2MH18	SEC2MH18	5/23/2016 15:49		41.6	32.3	1	25.1	0.05	64	15	-2	-46.76	2	Closed valve 1/2 turn or less,,,,,,,

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC2MH18	SEC2MH18	5/23/2016 15:49	ADJ	41.6	32.3	1	25.1	0.05	69	14	-1.8	-46.76	1	
SEC2MH18	SEC2MH18	6/6/2016 10:15		44.6	33.6	0.3	21.5	0.04	56	13	-3.5	-46.39	---	Closed valve 1/2 turn or less,,,,,,
SEC2MH18	SEC2MH18	6/6/2016 10:15	ADJ	44.6	33.6	0.3	21.5	0.04	56	13	-3.2	-46.39	---	
Sector 1 Vertical Wells														
SEC1GW01	SEC1GW01	1/15/2016 15:48		58.8	41.1	0	0.1	-0.07	30	---	-0.2	-26.63	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW01	SEC1GW01	1/15/2016 15:48	ADJ	58.8	41.1	0	0.1	-0.07	29	---	-1	-26.63	---	
SEC1GW01	SEC1GW01	2/9/2016 14:17		47.4	37.6	0	15	0	31	2	-1.9	-24.89	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW01	SEC1GW01	2/9/2016 14:17	ADJ	47.4	37.6	0	15	0	31	1	-1.2	-24.89	---	
SEC1GW01	SEC1GW01	3/29/2016 7:39		52.7	38.7	0	8.6	0.01	51	4	-0.5	-23.36	---	No change,,,,,,
SEC1GW01	SEC1GW01	3/29/2016 7:39	ADJ	52.7	38.7	0	8.6	0.02	50	5	-0.5	-23.36	---	
SEC1GW01	SEC1GW01	4/7/2016 9:59		33.4	34.2	0	32.4	0.04	45	7	-1.2	-30.74	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW01	SEC1GW01	4/7/2016 9:59	ADJ	33.4	34.2	0	32.4	0.03	44	6	-1	-30.74	---	
SEC1GW01	SEC1GW01	5/23/2016 14:47		63.5	36.4	0	0.1	0.05	82	8	-0.1	-24.67	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW01	SEC1GW01	5/23/2016 14:47	ADJ	63.5	36.4	0	0.1	0.05	82	8	-0.3	-24.67	---	
SEC1GW01	SEC1GW01	6/20/2016 12:51		54.2	36.7	0	9.1	24.83	81	198	-1.2	-25.85	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW01	SEC1GW01	6/20/2016 12:51	ADJ	54.2	36.7	0	9.1	17.63	80	166	-2.2	-25.85	---	
SEC1GW01	SEC1GW01	7/21/2016 9:13		37.4	34.3	0	28.3	0.04	67	7	-5.9	-25.99	---	,,,,,,
SEC1GW01	SEC1GW01	7/21/2016 9:13	ADJ	37.4	34.3	0	28.3	0.04	67	7	-5.2	-25.99	---	
SEC1GW01	SEC1GW01	8/4/2016 8:34		31.1	27.1	4.7	37.1	-0.06	69	---	-1	-27.07	---	,,,,,,
SEC1GW01	SEC1GW01	8/4/2016 8:34	ADJ	31.1	27.1	4.7	37.1	-0.05	69	---	-0.9	-27.07	---	
SEC1GW01	SEC1GW01	8/4/2016 11:26		37.9	32.7	1.8	27.6	-0.09	65	---	-0.3	-38.64	---	,,,,,,
SEC1GW01	SEC1GW01	8/4/2016 11:26	ADJ	37.9	32.7	1.8	27.6	-0.09	65	---	-0.1	-38.64	---	
SEC1GW01	SEC1GW01	9/14/2016 12:22		60.2	39.7	0	0.1	0.16	81	15	0.4	-37.26	---	,,,,,,
SEC1GW01	SEC1GW01	9/14/2016 12:22	ADJ	60.2	39.7	0	0.1	0.17	81	15	-1.3	-37.26	---	
SEC1GW01	SEC1GW01	9/14/2016 12:23		60	39.9	0	0.1	0.17	77	15	-1.5	-37.2	---	,,,,,,
SEC1GW01	SEC1GW01	9/14/2016 12:23	ADJ	60	39.9	0	0.1	0.17	77	15	-1.5	-37.2	---	
SEC1GW01	SEC1GW01	10/27/2016 7:30		54.6	40.4	0	5	0	45	1	-2.5	-31.33	---	,,,,,,
SEC1GW01	SEC1GW01	10/27/2016 7:30	ADJ	54.6	40.4	0	5	0.1	47	12	-1.8	-31.33	---	
SEC1GW01	SEC1GW01	10/27/2016 7:30		54.6	40.4	0	5	0	45	1	-2.5	-31.33	---	,,,,,,
SEC1GW01	SEC1GW01	10/27/2016 7:30	ADJ	54.6	40.4	0	5	-2.28	46	1	-1.3	-31.33	---	
SEC1GW01	SEC1GW01	11/21/2016 15:34		51.7	40.6	0	7.7	0.01	49	3	-2	-28.37	---	,,,,,,
SEC1GW01	SEC1GW01	11/21/2016 15:34	ADJ	51.7	40.6	0	7.7	0.01	50	2	-2	-28.37	---	
SEC1GW01	SEC1GW01	12/15/2016 10:38		52.1	39.5	0	8.4	25.74	20	204	-28.4	-0.25	---	,,,,,,
SEC1GW01	SEC1GW01	12/15/2016 10:38	ADJ	52.1	39.5	0	8.4	26.02	20	205	-28.4	-0.25	---	
SEC1GW02	SEC1GW02	1/15/2016 15:50		51.8	36.8	0	11.4	22.15	31	189	-23.3	-25.47	---	No change,,,,,,
SEC1GW02	SEC1GW02	1/15/2016 15:50	ADJ	51.8	36.8	0	11.4	22.16	30	189	-23.3	-25.47	---	
SEC1GW02	SEC1GW02	2/9/2016 14:20		50.3	37.9	0	11.8	0.04	42	8	-3.6	-25.07	---	No change,,,,,,
SEC1GW02	SEC1GW02	2/9/2016 14:20	ADJ	50.3	37.9	0	11.8	0.07	43	10	-3.6	-25.07	---	
SEC1GW02	SEC1GW02	3/29/2016 7:42		54.7	37.6	0	7.7	0.06	48	9	-3.9	-23.15	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW02	SEC1GW02	3/29/2016 7:42	ADJ	54.7	37.6	0	7.7	0.11	47	12	-4.4	-23.15	---	
SEC1GW02	SEC1GW02	4/7/2016 10:01		44.8	36.4	0	18.8	0.12	47	13	-7.5	-31.21	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW02	SEC1GW02	4/7/2016 10:01	ADJ	44.8	36.4	0	18.8	0.07	47	9	-6.5	-31.21	---	
SEC1GW02	SEC1GW02	5/23/2016 14:49		52.5	37.5	0	10	0.08	68	10	-2.9	-24.78	---	No change,,,,,,
SEC1GW02	SEC1GW02	5/23/2016 14:49	ADJ	52.5	37.5	0	10	0.07	67	10	-2.9	-24.78	---	
SEC1GW02	SEC1GW02	6/20/2016 12:53		57.5	38.5	0	4	24.89	71	200	-3.7	-25.37	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW02	SEC1GW02	6/20/2016 12:53	ADJ	57.5	38.5	0	4	17.68	67	168	-4.6	-25.37	---	
SEC1GW02	SEC1GW02	7/21/2016 9:16		48	38	0	14	0.12	63	12	-5.8	-26.1	---	,,,,,,
SEC1GW02	SEC1GW02	7/21/2016 9:16	ADJ	48	38	0	14	0.14	63	14	-5.8	-26.1	---	
SEC1GW02	SEC1GW02	8/4/2016 9:23		38	29.4	4.8	27.8	-0.05	63	---	-3.1	-38.02	---	,,,,,,
SEC1GW02	SEC1GW02	8/4/2016 9:23	ADJ	38	29.4	4.8	27.8	-0.04	63	---	-3.1	-38.02	---	
SEC1GW02	SEC1GW02	8/4/2016 11:55		51.8	38.3	0	9.9	-0.07	64	---	-0.4	-36.19	---	,,,,,,
SEC1GW02	SEC1GW02	8/4/2016 11:55	ADJ	51.8	38.3	0	9.9	-0.07	64	---	-0.4	-36.19	---	
SEC1GW02	SEC1GW02	9/14/2016 13:05		59.5	40.2	0.1	0.2	0.2	63	17	0.2	-34.32	---	,,,,,,
SEC1GW02	SEC1GW02	9/14/2016 13:05	ADJ	59.5	40.2	0.1	0.2	0.18	63	16	-0.1	-34.32	---	
SEC1GW02	SEC1GW02	9/14/2016 13:06		59	40.9	0	0.1	0.19	63	16	-0.4	-34.02	---	,,,,,,
SEC1GW02	SEC1GW02	9/14/2016 13:06	ADJ	59	40.9	0	0.1	0.2	63	17	-0.4	-34.02	---	
SEC1GW02	SEC1GW02	10/27/2016 7:27		56.5	40.3	0	3.2	0.02	48	5	-1.6	-31.75	---	,,,,,,
SEC1GW02	SEC1GW02	10/27/2016 7:27	ADJ	56.5	40.3	0	3.2	0.04	49	7	-1.9	-31.75	---	
SEC1GW02	SEC1GW02	11/21/2016 15:30		51.5	39.6	0.2	8.7	0.06	53	9	-2.1	-28.45	---	,,,,,,
SEC1GW02	SEC1GW02	11/21/2016 15:30	ADJ	51.5	39.6	0.2	8.7	0.05	53	8	-2.1	-28.45	---	
SEC1GW02	SEC1GW02	12/15/2016 10:42		51.6	38.9	0	9.5	-0.52	57	---	-0.8	-0.09	---	,,,,,,
SEC1GW02	SEC1GW02	12/15/2016 10:42	ADJ	51.6	38.9	0	9.5	-0.27	58	---	-0.8	-0.09	---	
SEC1GW03	SEC1GW03	1/15/2016 15:45		56	40.3	0	3.7	-0.03	41	---	-14.1	-26.39	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW03	SEC1GW03	1/15/2016 15:45	ADJ	56	40.3	0	3.7	-0.03	42	---	-15.2	-26.39	---	
SEC1GW03	SEC1GW03	2/9/2016 14:15		41.4	35.8	0	22.8	0.07	44	9	-11.6	-24.38	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW03	SEC1GW03	2/9/2016 14:15	ADJ	41.4	35.8	0	22.8	0.04	43	7	-10.1	-24.38	---	
SEC1GW03	SEC1GW03	3/29/2016 7:36		57.8	37.7	0	4.5	0.04	48	7	-10.9	-23.01	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW03	SEC1GW03	3/29/2016 7:36	ADJ	57.8	37.7	0	4.5	0.04	46	7	-12.4	-23.01	---	
SEC1GW03	SEC1GW03	4/7/2016 9:56		54.1	38.4	0	7.5	0.06	45	9	-16.7	-30.26	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW03	SEC1GW03	4/7/2016 9:56	ADJ	54.1	38.4	0	7.5	0.07	45	10	-16.9	-30.26	---	
SEC1GW03	SEC1GW03	5/23/2016 14:44		41.8	35	0	23.2	0.1	70	11	-11.9	-24.47	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW03	SEC1GW03	5/23/2016 14:44	ADJ	41.8	35	0	23.2	0.08	66	10	-8.9	-24.47	---	
SEC1GW03	SEC1GW03	6/20/2016 12:49		53.9	37.4	0	8.7	24	73	193	-11.8	-25.57	---	No change,,,,,,
SEC1GW03	SEC1GW03	6/20/2016 12:49	ADJ	53.9	37.4	0	8.7	17.64	69	165	-11.8	-25.57	---	
SEC1GW03	SEC1GW03	7/21/2016 9:08		45.6	38	0	16.4	0.07	63	9	-9.8	-25.56	---	,,,,,,
SEC1GW03	SEC1GW03	7/21/2016 9:08	ADJ	45.6	38	0	16.4	0.07	63	9	-9.8	-25.56	---	
SEC1GW03	SEC1GW03	8/4/2016 8:40		36.4	30.6	4.5	28.5	-0.04	67	---	-1.6	-27.91	---	,,,,,,
SEC1GW03	SEC1GW03	8/4/2016 8:40	ADJ	36.4	30.6	4.5	28.5	-0.04	67	---	-1.3	-27.91	---	
SEC1GW03	SEC1GW03	8/4/2016 11:28		47	38.5	0	14.5	-0.08	61	---	-0.5	-38.3	---	,,,,,,
SEC1GW03	SEC1GW03	8/4/2016 11:28	ADJ	47	38.5	0	14.5	-0.08	61	---	-0.5	-38.3	---	
SEC1GW03	SEC1GW03	9/14/2016 12:27		58.1	41.6	0.1	0.2	0.17	61	15	-1.4	-36.93	---	,,,,,,
SEC1GW03	SEC1GW03	9/14/2016 12:27	ADJ	58.1	41.6	0.1	0.2	0.16	61	15	-2.1	-36.93	---	
SEC1GW03	SEC1GW03	10/27/2016 7:33		56.8	43.1	0	0.1	0	43	1	-4.1	-31.12	---	,,,,,,
SEC1GW03	SEC1GW03	10/27/2016 7:33	ADJ	56.8	43.1	0	0.1	0	44	2	-4.3	-31.12	---	
SEC1GW03	SEC1GW03	11/21/2016 15:39		56.1	42.4	0	1.5	-0.25	50	---	-4.6	-28.12	---	,,,,,,
SEC1GW03	SEC1GW03	11/21/2016 15:39	ADJ	56.1	42.4	0	1.5	0	51	0	-5.1	-28.12	---	
SEC1GW03	SEC1GW03	12/15/2016 10:34		53.1	40.3	0	6.6	17.22	60	161	-18.7	-0.04	---	,,,,,,
SEC1GW03	SEC1GW03	12/15/2016 10:34	ADJ	53.1	40.3	0	6.6	17.22	60	161	-18.7	-0.04	---	
SEC1GW04	SEC1GW04	1/15/2016 16:04		59.4	39.3	0	1.3	1.38	30	48	-1.6	-17.35	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW04	SEC1GW04	1/15/2016 16:04	ADJ	59.4	39.3	0	1.3	1.41	30	48	-1.7	-17.35	---	
SEC1GW04	SEC1GW04	2/9/2016 14:24		32	32.8	0	35.2	0.03	34	6	-1.3	-5	---	No change,,,,,,
SEC1GW04	SEC1GW04	2/9/2016 14:24	ADJ	32	32.8	0	35.2	0.02	35	5	-1.3	-5	---	
SEC1GW04	SEC1GW04	3/29/2016 7:45		38.2	32.2	0	29.6	0.03	47	6	-1.3	-23.17	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW04	SEC1GW04	3/29/2016 7:45	ADJ	38.2	32.2	0	29.6	0.02	45	5	-1	-23.17	---	
SEC1GW04	SEC1GW04	4/7/2016 10:04		41	32.7	0	26.3	0.04	41	7	-2.6	-29.99	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW04	SEC1GW04	4/7/2016 10:04	ADJ	41	32.7	0	26.3	0.04	40	7	-1.9	-29.99	---	
SEC1GW04	SEC1GW04	5/23/2016 14:52		59.4	34.5	0	6.1	0.07	82	10	-0.1	-22.53	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW04	SEC1GW04	5/23/2016 14:52	ADJ	59.4	34.5	0	6.1	0.08	81	11	-0.3	-22.53	---	
SEC1GW04	SEC1GW04	6/20/2016 12:56		35.7	31.4	0	32.9	24.27	74	192	-2.2	-25.16	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW04	SEC1GW04	6/20/2016 12:56	ADJ	35.7	31.4	0	32.9	17.62	72	163	-1.3	-25.16	---	
SEC1GW04	SEC1GW04	7/21/2016 9:24		58.5	40.1	0	1.4	-0.22	72	---	-0.1	-24.31	---	,,,,,,
SEC1GW04	SEC1GW04	7/21/2016 9:24	ADJ	58.5	40.1	0	1.4	-0.2	72	---	-0.2	-24.31	---	
SEC1GW04	SEC1GW04	8/4/2016 9:26		55.1	39.6	0.3	5	-0.05	78	---	-0.2	-37.45	---	,,,,,,
SEC1GW04	SEC1GW04	8/4/2016 9:26	ADJ	55.1	39.6	0.3	5	-0.06	78	---	-0.3	-37.45	---	
SEC1GW04	SEC1GW04	8/4/2016 11:51		58.3	41.6	0	0.1	-0.07	71	---	-0.3	-36.31	---	,,,,,,
SEC1GW04	SEC1GW04	8/4/2016 11:51	ADJ	58.3	41.6	0	0.1	-0.06	71	---	-0.3	-36.31	---	
SEC1GW04	SEC1GW04	9/14/2016 13:09		56.7	43.2	0	0.1	0.18	74	16	-0.4	-33.78	---	,,,,,,
SEC1GW04	SEC1GW04	9/14/2016 13:09	ADJ	56.7	43.2	0	0.1	0.19	74	16	-0.5	-33.78	---	
SEC1GW04	SEC1GW04	10/27/2016 7:25		44.8	39.2	0	16	0.23	47	18	-1.4	-29	---	,,,,,,
SEC1GW04	SEC1GW04	10/27/2016 7:25	ADJ	44.8	39.2	0	16	0.23	48	18	-1.4	-29	---	
SEC1GW04	SEC1GW04	11/21/2016 15:20		46.7	40.2	0	13.1	-0.2	52	---	-0.9	-24.18	---	,,,,,,
SEC1GW04	SEC1GW04	11/21/2016 15:20	ADJ	46.7	40.2	0	13.1	-0.19	52	---	-0.9	-24.18	---	
SEC1GW04	SEC1GW04	11/21/2016 15:22		46.7	40.2	0	13.1	-0.2	52	---	-0.9	-24.66	---	,,,,,,
SEC1GW04	SEC1GW04	11/21/2016 15:22	ADJ	46.7	40.2	0	13.1	0.19	52	16	-0.8	-24.66	---	
SEC1GW04	SEC1GW04	12/15/2016 10:45		38.4	36.5	0	25.1	12.36	32	138	-14.8	-27.21	---	,,,,,,
SEC1GW04	SEC1GW04	12/15/2016 10:45	ADJ	38.4	36.5	0	25.1	12.81	32	140	-14.8	-27.21	---	
SEC1GW05	SEC1GW05	1/15/2016 16:26		52.1	39.9	0	8	20.16	28	180	-21.7	-26.62	---	No change,,,,,,
SEC1GW05	SEC1GW05	1/15/2016 16:26	ADJ	52.1	39.9	0	8	19.99	28	179	-21.7	-26.62	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC1GW05	SEC1GW05	2/9/2016 14:55		38.6	35.9	0	25.5	0	35	1	-1.1	-20.36	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW05	SEC1GW05	2/9/2016 14:55	ADJ	38.6	35.9	0	25.5	0	36	1	-1	-20.36	---	
SEC1GW05	SEC1GW05	3/29/2016 8:43		53.5	39.2	0	7.3	0.03	56	6	-1.2	-25.78	---	No change,,,,,,
SEC1GW05	SEC1GW05	3/29/2016 8:43	ADJ	53.5	39.2	0	7.3	0.02	55	5	-1.2	-25.78	---	
SEC1GW05	SEC1GW05	4/7/2016 10:24		44.7	36.2	0	19.1	0.04	46	7	-2.3	-32.57	---	Closed valve 1/2 turn or less,Valve completely closed,,,,,
SEC1GW05	SEC1GW05	4/7/2016 10:24	ADJ	44.7	36.2	0	19.1	0.04	44	7	-2.3	-32.57	---	
SEC1GW05	SEC1GW05	5/23/2016 15:18		55.3	39.1	0	5.6	0.08	70	10	-0.1	-21.85	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW05	SEC1GW05	5/23/2016 15:18	ADJ	55.3	39.1	0	5.6	0.1	69	12	-0.2	-21.85	---	
SEC1GW05	SEC1GW05	6/20/2016 13:15		46.7	36.3	0	17	24.46	67	196	-1.5	-25.5	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW05	SEC1GW05	6/20/2016 13:15	ADJ	46.7	36.3	0	17	17.62	64	166	-1.4	-25.5	---	
SEC1GW05	SEC1GW05	7/21/2016 9:19		42.3	36	0	21.7	-0.12	61	---	-0.5	-25.58	---	,,,,,,
SEC1GW05	SEC1GW05	7/21/2016 9:19	ADJ	42.3	36	0	21.7	-0.06	61	---	-0.5	-25.58	---	
SEC1GW05	SEC1GW05	8/4/2016 9:19		39	34.1	0.6	26.3	-0.35	62	---	-0.5	-35.77	---	,,,,,,
SEC1GW05	SEC1GW05	8/4/2016 9:19	ADJ	39	34.1	0.6	26.3	-0.43	62	---	-0.5	-35.77	---	
SEC1GW05	SEC1GW05	8/4/2016 11:48		45.9	36.9	0	17.2	-0.26	61	---	-0.3	-36.27	---	,,,,,,
SEC1GW05	SEC1GW05	8/4/2016 11:48	ADJ	45.9	36.9	0	17.2	-0.25	61	---	-0.3	-36.27	---	
SEC1GW05	SEC1GW05	9/14/2016 13:00		58.2	40.4	0.1	1.3	0.17	61	15	-0.2	-34.56	---	,,,,,,
SEC1GW05	SEC1GW05	9/14/2016 13:00	ADJ	58.2	40.4	0.1	1.3	0.17	62	16	-0.3	-34.56	---	
SEC1GW05	SEC1GW05	10/27/2016 7:38		49.1	40.4	0.1	10.4	0.25	49	19	-0.8	-30.84	---	,,,,,,
SEC1GW05	SEC1GW05	10/27/2016 7:38	ADJ	49.1	40.4	0.1	10.4	0.21	50	17	-0.8	-30.84	---	
SEC1GW05	SEC1GW05	11/21/2016 15:26		51.1	41.5	0	7.4	-0.1	53	---	-0.2	-28.05	---	,,,,,,
SEC1GW05	SEC1GW05	11/21/2016 15:26	ADJ	51.1	41.5	0	7.4	-0.08	53	---	-0.2	-28.05	---	
SEC1GW05	SEC1GW05	12/15/2016 11:18		41.7	39.2	0	19.1	1.46	62	45	-7.6	-0.25	---	,,,,,,
SEC1GW05	SEC1GW05	12/15/2016 11:18	ADJ	41.7	39.2	0	19.1	3.64	62	72	-7.6	-0.25	---	
SEC1GW06	SEC1GW06	1/15/2016 15:42		45.6	37.2	0	17.2	-0.03	31	---	-8.1	-26.32	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW06	SEC1GW06	1/15/2016 15:42	ADJ	45.6	37.2	0	17.2	-0.05	33	---	-7	-26.32	---	
SEC1GW06	SEC1GW06	2/9/2016 14:12		42.4	36.6	0	21	2.36	33	60	-2.5	-23.94	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW06	SEC1GW06	2/9/2016 14:12	ADJ	42.4	36.6	0	21	1.74	31	52	-1.8	-23.94	---	
SEC1GW06	SEC1GW06	3/29/2016 7:34		57.5	42.4	0	0.1	0.1	48	12	-0.1	-23.24	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW06	SEC1GW06	3/29/2016 7:34	ADJ	57.5	42.4	0	0.1	0.45	44	26	-0.4	-23.24	---	
SEC1GW06	SEC1GW06	4/7/2016 9:53		39.9	37	0	23.1	0.04	42	7	-6.5	-30.38	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW06	SEC1GW06	4/7/2016 9:53	ADJ	39.9	37	0	23.1	0.04	40	7	-5.4	-30.38	---	
SEC1GW06	SEC1GW06	5/23/2016 14:41		58.1	41.8	0	0.1	0.06	83	9	-0.1	-24.01	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW06	SEC1GW06	5/23/2016 14:41	ADJ	58.1	41.8	0	0.1	0.06	84	9	-0.4	-24.01	---	
SEC1GW06	SEC1GW06	6/20/2016 12:44		48.8	35.2	0	16	24.96	80	196	-5.1	-25.29	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW06	SEC1GW06	6/20/2016 12:44	ADJ	48.8	35.2	0	16	17.62	80	165	-5	-25.29	---	
SEC1GW06	SEC1GW06	7/21/2016 9:05		36.2	34.1	0	29.7	0.06	70	8	-4.7	-25.48	---	,,,,,,
SEC1GW06	SEC1GW06	7/21/2016 9:05	ADJ	36.2	34.1	0	29.7	0.06	70	8	-4.2	-25.48	---	
SEC1GW06	SEC1GW06	8/4/2016 8:46		29.2	26.5	4.8	39.5	-0.04	70	---	-1.5	-28.08	---	,,,,,,
SEC1GW06	SEC1GW06	8/4/2016 8:46	ADJ	29.2	26.5	4.8	39.5	-0.03	70	---	-1.5	-28.08	---	
SEC1GW06	SEC1GW06	8/4/2016 11:31		41.8	35.9	0	22.3	-0.08	70	---	-0.4	-37.93	---	,,,,,,
SEC1GW06	SEC1GW06	8/4/2016 11:31	ADJ	41.8	35.9	0	22.3	-0.08	70	---	-0.2	-37.93	---	
SEC1GW06	SEC1GW06	9/14/2016 12:30		58.5	41.3	0	0.2	0.19	70	16	0.5	-36.52	---	,,,,,,
SEC1GW06	SEC1GW06	9/14/2016 12:30	ADJ	58.5	41.3	0	0.2	0.18	70	16	-1.1	-36.52	---	
SEC1GW06	SEC1GW06	9/14/2016 12:31		58.5	41.4	0	0.1	0.18	70	16	-1.5	-36.48	---	,,,,,,
SEC1GW06	SEC1GW06	9/14/2016 12:31	ADJ	58.5	41.4	0	0.1	0.18	70	16	-1.6	-36.48	---	
SEC1GW06	SEC1GW06	10/27/2016 7:36		55.4	44.5	0	0.1	0	43	---	-4.8	-30.92	---	,,,,,,
SEC1GW06	SEC1GW06	10/27/2016 7:36	ADJ	55.4	44.5	0	0.1	0	44	0	-4.9	-30.92	---	
SEC1GW06	SEC1GW06	11/21/2016 15:43		53.8	42.6	0	3.6	0.32	50	21	-4.1	-28.07	---	,,,,,,
SEC1GW06	SEC1GW06	11/21/2016 15:43	ADJ	53.8	42.6	0	3.6	0.33	50	22	-4.1	-28.07	---	
SEC1GW06	SEC1GW06	12/15/2016 10:31		52.4	40.9	0	6.7	---	69	---	-34.2	-0.14	---	,,,,,,
SEC1GW06	SEC1GW06	12/15/2016 10:31	ADJ	52.4	40.9	0	6.7	---	69	---	-34.2	-0.14	---	
SEC1GW07	SEC1GW07	1/15/2016 15:38		50.5	38.3	0	11.2	-0.04	36	---	-13.5	-25.25	---	No change,,,,,,
SEC1GW07	SEC1GW07	1/15/2016 15:38	ADJ	50.5	38.3	0	11.2	-0.05	37	---	-13.5	-25.25	---	
SEC1GW07	SEC1GW07	2/9/2016 14:09		41.4	35.4	0	23.2	0.05	36	8	-9.4	-20.73	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW07	SEC1GW07	2/9/2016 14:09	ADJ	41.4	35.4	0	23.2	0.01	35	4	-7.2	-20.73	---	
SEC1GW07	SEC1GW07	3/29/2016 7:30		56.8	43.1	0	0.1	0.04	47	7	-0.3	-22.38	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW07	SEC1GW07	3/29/2016 7:30	ADJ	56.8	43.1	0	0.1	0.03	41	6	-1.3	-22.38	---	
SEC1GW07	SEC1GW07	4/7/2016 9:50		49.4	39.9	0	10.7	0.04	46	7	-12.7	-29.87	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW07	SEC1GW07	4/7/2016 9:50	ADJ	49.4	39.9	0	10.7	0.05	42	8	-11.6	-29.87	---	
SEC1GW07	SEC1GW07	5/23/2016 14:38		41.4	36.4	0	22.2	0.06	75	8	-8.4	-23.37	---	Closed valve 1/2 to 1 turn,,,,,,
SEC1GW07	SEC1GW07	5/23/2016 14:38	ADJ	41.4	36.4	0	22.2	0.06	73	8	-6.2	-23.37	---	
SEC1GW07	SEC1GW07	6/20/2016 12:42		59.7	40.2	0	0.1	17.69	82	167	-0.5	-24.79	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW07	SEC1GW07	6/20/2016 12:42	ADJ	59.7	40.2	0	0.1	17.66	75	168	-2.1	-24.79	---	
SEC1GW07	SEC1GW07	7/21/2016 8:59		41.8	38.4	0	19.8	0.08	65	10	-11.7	-24.96	---	,,,,,,
SEC1GW07	SEC1GW07	7/21/2016 8:59	ADJ	41.8	38.4	0	19.8	0.06	65	8	-10.5	-24.96	---	
SEC1GW07	SEC1GW07	8/4/2016 8:52		34.6	30.1	4.7	30.6	-0.04	65	---	-1.9	-28.23	---	,,,,,,
SEC1GW07	SEC1GW07	8/4/2016 8:52	ADJ	34.6	30.1	4.7	30.6	-0.04	65	---	-1.8	-28.23	---	
SEC1GW07	SEC1GW07	8/4/2016 11:34		52.5	40.5	0	7	-0.07	63	---	-0.3	-37.13	---	,,,,,,
SEC1GW07	SEC1GW07	8/4/2016 11:34	ADJ	52.5	40.5	0	7	-0.07	63	---	-0.4	-37.13	---	
SEC1GW07	SEC1GW07	9/14/2016 12:36		57.5	42.3	0	0.2	0.17	65	15	0.3	-35.66	---	,,,,,,
SEC1GW07	SEC1GW07	9/14/2016 12:36	ADJ	57.5	42.3	0	0.2	0.17	65	15	-0.8	-35.66	---	
SEC1GW07	SEC1GW07	9/14/2016 12:37		57.8	42.1	0	0.1	0.18	65	15	-0.9	-35.65	---	,,,,,,
SEC1GW07	SEC1GW07	9/14/2016 12:37	ADJ	57.8	42.1	0	0.1	0.18	65	16	-0.9	-35.65	---	
SEC1GW07	SEC1GW07	10/27/2016 7:45		56.3	43.6	0	0.1	0	43	1	-2.7	-30.39	---	,,,,,,
SEC1GW07	SEC1GW07	10/27/2016 7:45	ADJ	56.3	43.6	0	0.1	0	43	1	-2.8	-30.39	---	
SEC1GW07	SEC1GW07	11/21/2016 15:47		56.2	43.6	0	0.2	0.01	49	3	-2.8	-27.48	---	,,,,,,
SEC1GW07	SEC1GW07	11/21/2016 15:47	ADJ	56.2	43.6	0	0.2	0.01	50	4	-2.8	-27.48	---	
SEC1GW07	SEC1GW07	11/21/2016 15:50		56.5	43.4	0	0.1	0.01	51	3	-2.7	-27.43	---	,,,,,,
SEC1GW07	SEC1GW07	11/21/2016 15:50	ADJ	56.5	43.4	0	0.1	0.01	51	3	-3.3	-27.43	---	
SEC1GW07	SEC1GW07	12/15/2016 10:26		57	42.9	0	0.1	26.46	63	198	-28.7	-0.27	---	,,,,,,
SEC1GW07	SEC1GW07	12/15/2016 10:26	ADJ	57	42.9	0	0.1	26.44	63	198	-28.7	-0.27	---	
SEC1GW08	SEC1GW08	1/15/2016 16:29		51.2	39.7	0	9.1	1.62	56	48	-19.7	-23.42	---	No change,,,,,,
SEC1GW08	SEC1GW08	1/15/2016 16:29	ADJ	51.2	39.7	0	9.1	1.57	56	47	-19.8	-23.42	---	
SEC1GW08	SEC1GW08	2/9/2016 14:58		45.4	37	0	17.6	0.99	56	37	-14.8	-18.87	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW08	SEC1GW08	2/9/2016 14:58	ADJ	45.4	37	0	17.6	1.1	56	39	-13.7	-18.87	---	
SEC1GW08	SEC1GW08	3/29/2016 8:45		51	37.9	0	11.1	1.41	57	45	-16.4	-22.89	---	No change,,,,,,
SEC1GW08	SEC1GW08	3/29/2016 8:45	ADJ	51	37.9	0	11.1	1.46	57	46	-16.5	-22.89	---	
SEC1GW08	SEC1GW08	4/7/2016 10:26		49.6	37.6	0	12.8	1.63	56	48	-22	-29.46	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW08	SEC1GW08	4/7/2016 10:26	ADJ	49.6	37.6	0	12.8	1.53	56	47	-21.7	-29.46	---	
SEC1GW08	SEC1GW08	5/23/2016 15:22		47.4	36.4	0	16.2	1.13	59	40	-13.8	-20.66	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW08	SEC1GW08	5/23/2016 15:22	ADJ	47.4	36.4	0	16.2	0.69	59	31	-12.7	-20.66	---	
SEC1GW08	SEC1GW08	6/20/2016 13:18		54.9	37.8	0	7.3	24.1	62	195	-12.8	-23.33	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW08	SEC1GW08	6/20/2016 13:18	ADJ	54.9	37.8	0	7.3	18.9	61	172	-14.2	-23.33	---	
SEC1GW08	SEC1GW08	7/21/2016 8:41		48.5	37.4	0	14.1	1.33	59	44	-14.8	-23.87	---	,,,,,,
SEC1GW08	SEC1GW08	7/21/2016 8:41	ADJ	48.5	37.4	0	14.1	1.21	59	42	-14.5	-23.87	---	
SEC1GW08	SEC1GW08	8/3/2016 16:14		46.2	35.5	0.3	18	1.28	63	43	-14.3	-13.4	---	,,,,,,
SEC1GW08	SEC1GW08	8/3/2016 16:14	ADJ	46.2	35.5	0.3	18	1.09	62	39	-13.5	-13.4	---	
SEC1GW08	SEC1GW08	8/3/2016 16:15		46.2	35.5	0.3	18	1.28	63	43	-14.3	-24.65	---	,,,,,,
SEC1GW08	SEC1GW08	8/3/2016 16:15	ADJ	46.2	35.5	0.3	18	0.99	62	37	-13.2	-24.65	---	
SEC1GW08	SEC1GW08	9/14/2016 12:55		56.6	39.7	0.2	3.5	1.62	63	49	-15.6	-32.59	---	,,,,,,
SEC1GW08	SEC1GW08	9/14/2016 12:55	ADJ	56.6	39.7	0.2	3.5	1.67	60	49	-15.7	-32.59	---	
SEC1GW08	SEC1GW08	10/27/2016 7:41		55.1	40.7	0	4.2	1.46	57	46	-15.6	-28.67	---	,,,,,,
SEC1GW08	SEC1GW08	10/27/2016 7:41	ADJ	55.1	40.7	0	4.2	1.3	57	43	-15.5	-28.67	---	
SEC1GW08	SEC1GW08	11/21/2016 16:10		55.2	41	0.1	3.7	1.42	57	45	-13.4	-25.18	---	,,,,,,
SEC1GW08	SEC1GW08	11/21/2016 16:10	ADJ	55.2	41	0.1	3.7	1.34	58	44	-13.5	-25.18	---	
SEC1GW08	SEC1GW08	12/15/2016 11:23		51.6	40.1	0	8.3	1.89	57	52	-18.2	-36.73	---	,,,,,,
SEC1GW08	SEC1GW08	12/15/2016 11:23	ADJ	51.6	40.1	0	8.3	1.73	57	50	-18.2	-36.73	---	
SEC1GW09	SEC1GW09	1/15/2016 15:36		50.4	39.4	0	10.2	-0.03	41	---	-18.7	-26.23	---	No change,Valve fully open,,,,,
SEC1GW09	SEC1GW09	1/15/2016 15:36	ADJ	50.4	39.4	0	10.2	0	42	---	-18.7	-26.23	---	
SEC1GW09	SEC1GW09	2/9/2016 14:06		35.9	34.7	0	29.4	0.12	44	12	-11.7	-23.75	---	Closed valve 1/2 turn or less,,,,,,
SEC1GW09	SEC1GW09	2/9/2016 14:06	ADJ	35.9	34.7	0	29.4	0.08	44	10	-10.7	-23.75	---	
SEC1GW09	SEC1GW09	3/29/2016 7:28		55	38.3	0	6.7	0.06	46	9	-12.8	-24.09	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW09	SEC1GW09	3/29/2016 7:28	ADJ	55	38.3	0	6.7	0.09	45	11	-13.9	-24.09	---	
SEC1GW09	SEC1GW09	4/7/2016 9:47		54.3	38.3	0	7.4	0.13	45	13	-24.7	-30.8	---	Opened valve 1/2 turn or less,,,,,,
SEC1GW09	SEC1GW09	4/7/2016 9:47	ADJ	54.3	38.3	0	7.4	0.09	43	11	-25.6	-30.8	---	
SEC1GW09	SEC1GW09	5/23/2016 14:35		35.3	33.1	0	31.6	0.08	69	9	-18.7	-23.33	---	Closed valve 1/2 to 1 turn,,,,,,
SEC1GW09	SEC1GW09	5/23/2016 14:35	ADJ	35.3	33.1	0	31.6	0.06	67	9	-13.1	-23.33	---	

Seven Mile Creek Landfill

Gas Extraction Report

Well ID	Alias	Date/Time	ADJ	CH4 (%)	CO2 (%)	O2 (%)	Balance (%)	Diff. Press. (in. H2O)	Temp.	Flow (scfm)	Well Pres. (in. H2O)	Header Pres. (in. H2O)	Valve Setting (% Open)	Comments
SEC1GW09	SEC1GW09	6/20/2016 12:39		58.2	41.7	0	0.1	25.2	79	199	-2.8	-26.12	---	Opened valve 1/2 turn or less,,,,,,,
SEC1GW09	SEC1GW09	6/20/2016 12:39	ADJ	58.2	41.7	0	0.1	17.65	71	166	-5.1	-26.12	---	
SEC1GW09	SEC1GW09	7/21/2016 8:55		55.7	42.4	0	1.9	0.08	62	10	-5.3	-25.33	---	,,,,,,,
SEC1GW09	SEC1GW09	7/21/2016 8:55	ADJ	55.7	42.4	0	1.9	0.05	62	8	-5.9	-25.33	---	
SEC1GW09	SEC1GW09	8/4/2016 8:57		44	34.4	3.9	17.7	-0.03	64	---	-1.3	-29.49	---	,,,,,,,
SEC1GW09	SEC1GW09	8/4/2016 8:57	ADJ	44	34.4	3.9	17.7	-0.03	64	---	-1.2	-29.49	---	
SEC1GW09	SEC1GW09	8/4/2016 11:38		58	41.9	0	0.1	-0.01	62	---	-0.4	-36.91	---	,,,,,,,
SEC1GW09	SEC1GW09	8/4/2016 11:38	ADJ	58	41.9	0	0.1	-0.02	63	---	-0.5	-36.91	---	
SEC1GW09	SEC1GW09	9/14/2016 12:43		58.9	41	0	0.1	0.19	61	16	-0.3	-35.52	---	,,,,,,,
SEC1GW09	SEC1GW09	9/14/2016 12:43	ADJ	58.9	41	0	0.1	0.19	61	16	-0.4	-35.52	---	
SEC1GW09	SEC1GW09	10/27/2016 7:47		56.6	43.2	0.1	0.1	0.01	49	4	-3.7	-30.77	---	,,,,,,,
SEC1GW09	SEC1GW09	10/27/2016 7:47	ADJ	56.6	43.2	0.1	0.1	0.03	50	6	-4	-30.77	---	
SEC1GW09	SEC1GW09	11/21/2016 15:55		53.6	42.7	0.4	3.3	-0.22	55	---	-6.6	-28.4	---	,,,,,,,
SEC1GW09	SEC1GW09	11/21/2016 15:55	ADJ	53.6	42.7	0.4	3.3	-0.1	54	---	-6.6	-28.4	---	
SEC1GW09	SEC1GW09	12/15/2016 10:22		57.6	42.3	0	0.1	30.61	63	213	-30.8	-33.53	---	,,,,,,,
SEC1GW09	SEC1GW09	12/15/2016 10:22	ADJ	57.6	42.3	0	0.1	30.57	63	213	-30.8	-33.53	---	
SEC1GW10	SEC1GW10	1/15/2016 15:29		46.7	37.5	0	15.8	-0.04	33	---	-1.5	-25.55	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC1GW10	SEC1GW10	1/15/2016 15:29	ADJ	46.7	37.5	0	15.8	-0.05	34	---	-1.4	-25.55	---	
SEC1GW10	SEC1GW10	2/9/2016 13:58		47.6	36.9	0	15.5	0.14	47	14	-1.9	-20.79	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW10	SEC1GW10	2/9/2016 13:58	ADJ	47.6	36.9	0	15.5	0.03	47	6	-1.2	-20.79	---	
SEC1GW10	SEC1GW10	3/29/2016 7:21		35.6	33.2	0	31.2	0.03	62	6	-2.2	-24.2	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW10	SEC1GW10	3/29/2016 7:21	ADJ	35.6	33.2	0	31.2	0	62	2	-2	-24.2	---	
SEC1GW10	SEC1GW10	4/7/2016 9:14		37.6	33.2	0	29.2	0.03	48	6	-2.1	-29.97	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW10	SEC1GW10	4/7/2016 9:14	ADJ	37.6	33.2	0	29.2	0.02	47	5	-2.1	-29.97	---	
SEC1GW10	SEC1GW10	4/7/2016 9:15		37.6	33.2	0	29.2	0.03	48	6	-2.1	0.01	---	No change,,,,,,,
SEC1GW10	SEC1GW10	4/7/2016 9:15	ADJ	37.6	33.2	0	29.2	0.04	51	7	0	0.01	---	
SEC1GW10	SEC1GW10	4/19/2016 14:33		49.3	37.1	0	13.6	0.03	56	6	-0.8	-32.23	---	No change,,,,,,,
SEC1GW10	SEC1GW10	4/19/2016 14:33	ADJ	49.3	37.1	0	13.6	0.03	55	6	-0.8	-32.23	---	
SEC1GW10	SEC1GW10	5/23/2016 14:28		56.7	40.3	0	3	0.1	81	11	-0.1	-23.13	---	Opened valve 1/2 turn or less,,,,,,,
SEC1GW10	SEC1GW10	5/23/2016 14:28	ADJ	56.7	40.3	0	3	0.08	82	10	-0.3	-23.13	---	
SEC1GW10	SEC1GW10	6/20/2016 12:28		36.3	32.9	0.1	30.7	25.33	81	195	-1.3	-27.57	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW10	SEC1GW10	6/20/2016 12:28	ADJ	36.3	32.9	0.1	30.7	17.65	81	162	-1.2	-27.57	---	
SEC1GW10	SEC1GW10	7/21/2016 8:34		34.3	33.3	0	32.4	0.08	80	10	-1	-25.06	---	,,,,,,,
SEC1GW10	SEC1GW10	7/21/2016 8:34	ADJ	34.3	33.3	0	32.4	0.06	80	8	-0.7	-25.06	---	
SEC1GW10	SEC1GW10	8/3/2016 16:06		40.8	34.7	0	24.5	0.12	92	12	-0.5	-25.47	---	,,,,,,,
SEC1GW10	SEC1GW10	8/3/2016 16:06	ADJ	40.8	34.7	0	24.5	0.12	92	12	-0.4	-25.47	---	
SEC1GW10	SEC1GW10	9/14/2016 13:24		58.2	41.6	0.1	0.1	0.22	81	17	-0.1	-32.45	---	,,,,,,,
SEC1GW10	SEC1GW10	9/14/2016 13:24	ADJ	58.2	41.6	0.1	0.1	-29.61	81	17	-0.2	-32.45	---	
SEC1GW10	SEC1GW10	10/27/2016 7:55		57.7	42.1	0	0.2	0.3	63	21	-0.8	-29.47	---	,,,,,,,
SEC1GW10	SEC1GW10	10/27/2016 7:55	ADJ	57.7	42.1	0	0.2	0.37	64	23	-1	-29.47	---	
SEC1GW10	SEC1GW10	11/21/2016 16:16		48.6	41.2	0.1	10.1	-0.16	72	---	-1.1	-28.21	---	,,,,,,,
SEC1GW10	SEC1GW10	11/21/2016 16:16	ADJ	48.6	41.2	0.1	10.1	-0.2	72	---	-1.1	-28.21	---	
SEC1GW10	SEC1GW10	12/15/2016 10:04		48.9	38.9	0.1	12.1	-0.15	30	---	-0.6	-13.94	---	,,,,,,,
SEC1GW10	SEC1GW10	12/15/2016 10:04	ADJ	48.9	38.9	0.1	12.1	-0.14	30	---	-0.6	-13.94	---	
SEC1GW11	SEC1GW11	1/15/2016 15:31		50.3	39.9	0	9.8	0.5	55	26	-20.9	-25.51	---	No change,,,,,,,
SEC1GW11	SEC1GW11	1/15/2016 15:31	ADJ	50.3	39.9	0	9.8	0.52	56	26	-20.9	-25.51	---	
SEC1GW11	SEC1GW11	2/9/2016 14:00		46.1	37	0	16.9	0.91	55	36	-17.7	-22.47	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW11	SEC1GW11	2/9/2016 14:00	ADJ	46.1	37	0	16.9	0.72	55	32	-15.7	-22.47	---	
SEC1GW11	SEC1GW11	3/29/2016 7:23		55.1	39.1	0	5.8	0.29	56	20	-13.3	-23.36	---	Opened valve 1/2 turn or less,,,,,,,
SEC1GW11	SEC1GW11	3/29/2016 7:23	ADJ	55.1	39.1	0	5.8	0.76	56	33	-14.5	-23.36	---	
SEC1GW11	SEC1GW11	4/7/2016 9:18		49.7	38.2	0	12.1	1.25	54	42	-21.2	-30.08	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW11	SEC1GW11	4/7/2016 9:18	ADJ	49.7	38.2	0	12.1	0.31	54	20	-20.5	-30.08	---	
SEC1GW11	SEC1GW11	5/23/2016 14:30		51.5	38.7	0	9.8	-0.3	67	---	-16.8	-22.42	---	No change,,,,,,,
SEC1GW11	SEC1GW11	5/23/2016 14:30	ADJ	51.5	38.7	0	9.8	-0.11	65	---	-16.8	-22.42	---	
SEC1GW11	SEC1GW11	6/20/2016 12:33		60.3	39.5	0	0.2	22.42	64	187	-20	-25.38	---	Opened 1/2 to 1 turn,,,,,,,
SEC1GW11	SEC1GW11	6/20/2016 12:33	ADJ	60.3	39.5	0	0.2	18.37	63	169	-23.8	-25.38	---	
SEC1GW11	SEC1GW11	7/21/2016 8:46		51.1	40.4	0	8.5	0.38	60	22	-24.7	-24.98	---	,,,,,,,
SEC1GW11	SEC1GW11	7/21/2016 8:46	ADJ	51.1	40.4	0	8.5	0.39	60	23	-24.7	-24.98	---	
SEC1GW11	SEC1GW11	8/4/2016 9:16		38.6	32.9	4.5	24	-0.09	64	---	-0.4	-28.59	---	,,,,,,,
SEC1GW11	SEC1GW11	8/4/2016 9:16	ADJ	38.6	32.9	4.5	24	-0.12	64	---	-0.4	-28.59	---	
SEC1GW11	SEC1GW11	8/4/2016 11:46		56.1	40.3	0	3.6	-0.07	59	---	-0.2	-36.14	---	,,,,,,,
SEC1GW11	SEC1GW11	8/4/2016 11:46	ADJ	56.1	40.3	0	3.6	-0.07	59	---	-0.3	-36.14	---	
SEC1GW11	SEC1GW11	9/14/2016 12:49		58.5	41.4	0	0.1	0.17	60	16	0.3	-34.99	---	,,,,,,,
SEC1GW11	SEC1GW11	9/14/2016 12:49	ADJ	58.5	41.4	0	0.1	0.19	60	16	-0.2	-34.99	---	
SEC1GW11	SEC1GW11	9/14/2016 12:50		58.4	41.5	0	0.1	0.18	60	16	-0.6	-34.94	---	,,,,,,,
SEC1GW11	SEC1GW11	9/14/2016 12:50	ADJ	58.4	41.5	0	0.1	0.18	60	16	-0.5	-34.94	---	
SEC1GW11	SEC1GW11	10/27/2016 7:52		57.3	42.6	0	0.1	0	50	---	-0.8	-30.04	---	,,,,,,,
SEC1GW11	SEC1GW11	10/27/2016 7:52	ADJ	57.3	42.6	0	0.1	0.02	51	5	-1	-30.04	---	
SEC1GW11	SEC1GW11	11/21/2016 16:05		57.4	42.5	0	0.1	0.04	57	7	-3.5	-28.25	---	,,,,,,,
SEC1GW11	SEC1GW11	11/21/2016 16:05	ADJ	57.4	42.5	0	0.1	0.03	57	6	-3.5	-28.25	---	
SEC1GW11	SEC1GW11	12/15/2016 10:09		58	41.9	0	0.1	-0.4	58	---	0.2	-0.04	---	,,,,,,,
SEC1GW11	SEC1GW11	12/15/2016 10:09	ADJ	58	41.9	0	0.1	-0.34	58	---	0	-0.04	---	
SEC1GW11	SEC1GW11	12/15/2016 10:11		57.9	42	0	0.1	0.09	58	11	0	-0.02	---	,,,,,,,
SEC1GW11	SEC1GW11	12/15/2016 10:11	ADJ	57.9	42	0	0.1	0.18	58	16	0	-0.02	---	
SEC1GW11	SEC1GW11	12/21/2016 14:02		56.4	43.5	0	0.1	-0.9	60	---	-10.6	-17.33	---	,,,,,,,
SEC1GW11	SEC1GW11	12/21/2016 14:02	ADJ	56.4	43.5	0	0.1	0.29	60	20	-12.9	-17.33	---	
SEC1GW11	SEC1GW11	12/22/2016 10:04		56.7	43.1	0.1	0.1	0.7	60	31	-16.9	-21.58	---	,,,,,,,
SEC1GW11	SEC1GW11	12/22/2016 10:04	ADJ	56.7	43.1	0.1	0.1	0.43	60	24	-17.2	-21.58	---	
SEC1GW12	SEC1GW12	1/15/2016 15:34		56.3	40.4	0	3.3	25.88	29	204	-26.1	-26.17	---	No change,Valve fully open,,,,,,
SEC1GW12	SEC1GW12	1/15/2016 15:34	ADJ	56.3	40.4	0	3.3	26.02	29	205	-26.1	-26.17	---	
SEC1GW12	SEC1GW12	2/9/2016 14:03		58.3	41.6	0	0.1	0.06	28	9	-23.4	-23.31	---	No change,Valve fully open,,,,,,
SEC1GW12	SEC1GW12	2/9/2016 14:03	ADJ	58.3	41.6	0	0.1	0.11	27	12	-23.5	-23.31	---	
SEC1GW12	SEC1GW12	3/29/2016 7:25		59.3	40.3	0	0.4	-0.05	45	---	-24	-24.15	---	No change,,,,,,,
SEC1GW12	SEC1GW12	3/29/2016 7:25	ADJ	59.3	40.3	0	0.4	0.03	43	6	-23.9	-24.15	---	
SEC1GW12	SEC1GW12	4/7/2016 9:44		58.9	41	0	0.1	0.05	56	8	-30.6	-30.87	---	No change,Valve fully open,,,,,,
SEC1GW12	SEC1GW12	4/7/2016 9:44	ADJ	58.9	41	0	0.1	0.03	53	6	-30.8	-30.87	---	
SEC1GW12	SEC1GW12	5/23/2016 14:32		59.5	38.9	0	1.6	0.04	79	7	-22.7	-22.71	---	No change,Valve fully open,,,,,,
SEC1GW12	SEC1GW12	5/23/2016 14:32	ADJ	59.5	38.9	0	1.6	0.05	81	7	-22.6	-22.71	---	
SEC1GW12	SEC1GW12	6/20/2016 12:36		58.7	41.2	0	0.1	23.09	81	184	-26	-25.84	---	No change,Valve fully open,,,,,,
SEC1GW12	SEC1GW12	6/20/2016 12:36	ADJ	58.7	41.2	0	0.1	19.61	81	170	-26.4	-25.84	---	
SEC1GW12	SEC1GW12	7/21/2016 8:51		58.1	41.8	0	0.1	0.04	61	7	-25.3	-25.36	---	,,,,,,,
SEC1GW12	SEC1GW12	7/21/2016 8:51	ADJ	58.1	41.8	0	0.1	0.05	61	8	-25.3	-25.36	---	
SEC1GW12	SEC1GW12	8/4/2016 9:08		43.9	32.8	4.8	18.5	-0.05	60	---	-1.7	-29.73	---	,,,,,,,
SEC1GW12	SEC1GW12	8/4/2016 9:08	ADJ	43.9	32.8	4.8	18.5	-0.05	60	---	-1.6	-29.73	---	
SEC1GW12	SEC1GW12	8/4/2016 11:42		57.6	42.3	0	0.1	-0.07	62	---	-0.7	-36.87	---	,,,,,,,
SEC1GW12	SEC1GW12	8/4/2016 11:42	ADJ	57.6	42.3	0	0.1	-0.07	61	---	-0.8	-36.87	---	
SEC1GW12	SEC1GW12	9/14/2016 12:46		56.9	42.9	0.1	0.1	0.17	61	15	-4.6	-35.33	---	,,,,,,,
SEC1GW12	SEC1GW12	9/14/2016 12:46	ADJ	56.9	42.9	0.1	0.1	0.17	61	15	-5.9	-35.33	---	
SEC1GW12	SEC1GW12	10/27/2016 7:50		55.7	44.2	0	0.1	0.25	44	19	-8.8	-30.44	---	,,,,,,,
SEC1GW12	SEC1GW12	10/27/2016 7:50	ADJ	55.7	44.2	0	0.1	0.24	45	18	-8.8	-30.44	---	
SEC1GW12	SEC1GW12	11/21/2016 15:59		55.6	44.2	0	0.2	0.01	49	3	-7.2	-28.45	---	,,,,,,,
SEC1GW12	SEC1GW12	11/21/2016 15:59	ADJ	55.6	44.2	0	0.2	0	50	1	-7.3	-28.45	---	
SEC1GW12	SEC1GW12	12/15/2016 10:17		56.4	43.4	0	0.2	17.29	61	161	-20.6	-42.68	---	,,,,,,,
SEC1GW12	SEC1GW12	12/15/2016 10:17	ADJ	56.4	43.4	0	0.2	17.62	61	162	-20.6	-42.68	---	
SEC1GW13	SEC1GW13	1/15/2016 15:27		35.9	33.8	0	30.3	0.01	26	4	-1.8	-25.96	---	Closed valve 1/2 turn or less,Valve barely open,,,,,,
SEC1GW13	SEC1GW13	1/15/2016 15:27	ADJ	35.9	33.8	0	30.3	-0.05	27	4	-1.8	-25.96	---	
SEC1GW13	SEC1GW13	2/9/2016 13:52		46.4	35.5	0	18.1	0	36	2	-0.3	-23.5	---	No change,Valve barely open,,,,,,
SEC1GW13	SEC1GW13	2/9/2016 13:52	ADJ	46.4	35.5	0	18.1	0.01	34	3	-0.4	-23.5	---	
SEC1GW13	SEC1GW13	3/29/2016 6:08		16.4	24.7	0	58.9	-0.07	54	---	-3.6	-23.72	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW13	SEC1GW13	3/29/2016 6:08	ADJ	16.4	24.7	0	58.9	-0.03	53	---	-3	-23.72	---	
SEC1GW13	SEC1GW13	4/7/2016 9:11		31.4	30	0	38.6	0.04	57	7	-2.9	-29.73	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW13	SEC1GW13	4/7/2016 9:11	ADJ	31.4	30	0	38.6	0.03	57	6	-2.7	-29.73	---	
SEC1GW13	SEC1GW13	5/23/2016 14:26		58.9	39.9	0	1.2	0.02	77	4	-0.1	-24.5	---	Opened valve 1/2 turn or less,,,,,,,
SEC1GW13	SEC1GW13	5/23/2016 14:26	ADJ	58.9	39.9	0	1.2	-0.16	71	4	-0.2	-24.5	---	
SEC1GW13	SEC1GW13	6/20/2016 12:25		34.3	31.5	0.4	33.8	23.36	75	187	-3.1	-27.71	---	Closed valve 1/2 turn or less,,,,,,,
SEC1GW13	SEC1GW13	6/20/2016 12:25	ADJ	34.3	31.5	0.4	33.8	17.68	75	162	-2.8	-27.71	---	
SEC1GW13	SEC1GW13	7/21/2016 8:29		41.6	35.1	0	23.3	0.08	70	10	-1	-24.61	---	,,,,,,,
SEC1GW13	SEC1GW13	7/21/2016 8:29	ADJ	41.6	35.1	0	23.3	0.07	70	9	-1	-24.61	---	