1592
3Q OP 4E ME
CMN 15-01

Quarterly Report

For

Division of Waste Management

Thursday, October 15th, 2015

Submitted by:

Green Valley Landfill General Partnership

a subsidiary of

Allied Waste Ind. Inc.
15880 N Greenway-Hayden Loop
Suite 100
Scottsdale, AZ 85260

RECEIVED
OCT 16 2015
DIVISION OF WASTE MANAGEMENT
SOLID WASTE BRANCH

A. Green Valley Landfill General Partnership

Greenup County
#045-00012

I. Construction Activities

Fetters, Deretha

From: Chlebowy, William
Sent: Thursday, October 15, 2015 7:46 AM
To: Fetters, Deretha
Subject: RE: Was there any construction for this quarter?

Hi D-Ann:

We constructed additions to the gas extraction system – 11 new wells were installed. That's it. Thanks.

REPUBLIC SERVICES

We'll handle it from here.™

William L. (Bill) Chlebowy, P.E. Environmental Manager

2157 Highway 151
Frankfort, KY 40601
e WChlebowy@republicservices.com
o 502-209-3816 c 502-403-8908
w republicservices.com

From: Fetters, Deretha
Sent: Thursday, October 15, 2015 6:58 AM
To: Chlebowy, William; Cecil, Kim
Subject: RE: Was there any construction for this quarter?

Need to know before fed ex comes this morning, if you could please.

Thanks

REPUBLIC SERVICES

We'll handle it from here.™

D-Ann Fetters, Scales/Green Valley Landfill

1551 Green Valley Dr, Ashland KY 41102
PO Box 9, Rush KY 41168

E dfetters@republicservices.com
P 606-928-0239 F 606-928-0368
republicservices.com

From: Fetters, Deretha
Sent: Wednesday, October 14, 2015 4:24 PM
To: Chlebowy, William; Cecil, Kim
Subject: Was there any construction for this quarter?

Need it for the quarterly report.

Thanks,

We'll handle it from here.™

D-Ann Fetters, Scales/Green Valley Landfill

1551 Green Valley Dr, Ashland KY 41102
PO Box 9, Rush KY 41168
E dfetters@republicservices.com
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republicservices.com

II. Volume of Waste
A. Green Valley Landfill
Greenup County #45-00012

III. Cover Requirements

The implementation of Daily cover at Green Valley was completed using a combination of Fabrisoil and six (6) inches of soil.

Republic Services

Monthly Soil Tracking Report

Site: Green Valley Landfill Div No. 4127

Cost Available Copy

	Soil Hauled (in Bank Cubic Yards)								Waste Received (tons)			Cover Percentages					
Date of Month	Daily Cover	Int. Cover	Interior Roads inside Waste Footprint	Other Soil Not placed in Waste Footprint	Certified Final Cover	Airspace Consumed by Clean Soil	Airspace Consumed by Non UOC ADC waste	Total Soil Hauled	UOC Charged gate tons	Non UOC gate tons used as ADC	Waste Relocated (cy)	Clean Soil daily & intermediate cover percentage	Effective Total Cover Percentage (includes Non UOC ADC)	Any other ADC used (tarp or spray) (Y or N)?	Site Operational Density (lb/cy)	Comments
7/1/2015	0	0	0	0	0	0	0	0	990			0.0%	0.0%	Y	1,714	TARP OR SOIL
7/2/2015	0	0	0	0	0	0	0	0	947			0.0%	0.0%	Y	1,714	TARP OR SOIL
7/3/2015	0	0	0	0	0	0	0	0	674			0.0%	0.0%	Y	1,714	TARP OR SOIL
7/4/2015	0	0	0	0	0	0	0	0	206			0.0%	0.0%	Y	1,714	TARP OR SOIL
7/5/2015	0	0	0	0	0	0	0	0							1,714	
7/6/2015	0	0	0	0	0	0	0	0	823			0.0%	0.0%	Y	1,714	TARP OR SOIL
7/7/2015	0	352	110	0	0	462	0	462	803			49.3%	49.3%	Y	1,714	TARP OR SOIL
7/8/2015	0	0	0	0	0	0	0	0	934			0.0%	0.0%	Y	1,714	TARP OR SOIL
7/9/2015	0	0	0	0	0	0	0	0	1,050			0.0%	0.0%	Y	1,714	TARP OR SOIL
7/10/2015	0	0	0	0	0	0	0	0	929			0.0%	0.0%	Y	1,714	TARP OR SOIL
7/11/2015	0	0	0	0	0	0	0	0	259			0.0%	0.0%	Y	1,714	TARP OR SOIL
7/12/2015	0	0	0	0	0	0	0	0							1,714	
7/13/2015	0	0	0	0	0	0	0	0	1,106			0.0%	0.0%	Y	1,714	TARP OR SOIL
7/14/2015	0	0	0	0	0	0	0	0	1,081			0.0%	0.0%	Y	1,714	TARP OR SOIL
7/15/2015	0	297	110	0	0	407	0	407	932			37.4%	37.4%	Y	1,714	TARP OR SOIL
7/16/2015	0	0	0	0	0	0	0	0	1,056			0.0%	0.0%	y	1,714	TARP OR SOIL
7/17/2015	0	0	0	0	0	0	0	0	918			0.0%	0.0%	y	1,714	TARP OR SOIL
7/18/2015	110	55	0	0	0	165	0	165	304			46.5%	46.5%	y	1,714	TARP OR SOIL
7/19/2015	0	0	0	0	0	0	0	0							1,714	
7/20/2015	0	110	0	0	0	110	0	110	877			10.7%	10.7%	y	1,714	TARP OR SOIL
7/21/2015	0	99	0	0	0	99	0	99	1,048			8.1%	8.1%	y	1,714	TARP OR SOIL
7/22/2015	0	44	143	0	0	187	0	187	981			16.3%	16.3%	y	1,714	TARP OR SOIL
7/23/2015	0	264	0	0	0	264	0	264	898			25.2%	25.2%	y	1,714	TARP OR SOIL
7/24/2015	0	121	0	0	0	121	0	121	1,289			8.0%	8.0%	y	1,714	TARP OR SOIL
7/25/2015	0	0	0	0	0	0	0	0	449			0.0%	0.0%		1,714	TARP OR SOIL
7/26/2015	0	0	0	0	0	0	0	0							1,714	
7/27/2015	0	165	121	0	0	286	0	286	1,163			21.1%	21.1%	y	1,714	TARP OR SOIL
7/28/2015	0	297	0	0	0	297	0	297	1,200			21.2%	21.2%		1,714	TARP OR SOIL
7/29/2015	0	0	0	0	0	0	0	0	1,406			0.0%	0.0%		1,714	TARP OR SOIL
7/30/2015	0	0	0	0	0	0	0	0	992			0.0%	0.0%		1,714	TARP OR SOIL
7/31/2015	0	0	0	0	0	0	0	0	820			0.0%	0.0%		1,714	TARP OR SOIL
July															1,714	
Year to date																

Note: The soil yards listed above must be in BCY (airspace yards consumed) NOT truck yards. If load counts are used, convert truck yards to airspace yards.

Density of Non UOC ADC (average) 3,000 lb/cy

Yellow boxes require user input

KC 9/8/15

Monthly Soil Tracking Report

Site: Green Valley Landfill Div No. 4127

Best Available Copy

Date of Month	Soil Hauled (In Bank Cubic Yards)								Waste Received (tons)			Cover Percentages				
	Daily Cover	Int. Cover	Interior Roads inside Waste Footprint	Other Soil Not placed in Waste Footprint	Certified Final Cover	Airspace Consumed by Clean Soil	Airspace Consumed by Non UOC ADC waste	Total Soil Hauled	UOC Charged gate tons	Non UOC gate tons used as ADC	Waste Relocated (cy)	Clean Soil daily & intermediate cover percentage	Effective Total Cover Percentage (includes Non UOC ADC)	Any other ADC used (tarp or spray) (Y or N)?	Site Operational Density (lb/cy)	Comments
8/1/2015	0	242	0	0	0	242	0	242	310			66.9%	66.9%		1,714	TARP OR SOIL
8/2/2015	0	0	0	0	0	0	0	0							1,714	
8/3/2015	0	0	0	0	0	0	0	0	1,191			0.0%	0.0%		1,714	TARP OR SOIL
8/4/2015	0	0	0	0	0	0	0	0	818			0.0%	0.0%		1,714	TARP OR SOIL
8/5/2015	0	385	0	0	0	385	0	385	974			33.9%	33.9%		1,714	TARP OR SOIL
8/6/2015	0	0	660	0	0	660	0	660	774			73.1%	73.1%		1,714	TARP OR SOIL
8/7/2015	0	0	0	0	0	0	0	0	686			0.0%	0.0%		1,714	TARP OR SOIL
8/8/2015	0	0	0	0	0	0	0	0	191			0.0%	0.0%		1,714	TARP OR SOIL
8/9/2015	0	0	0	0	0	0	0	0	93			0.0%	0.0%		1,714	TARP OR SOIL
8/10/2015	0	0	0	0	0	0	0	0	990			0.0%	0.0%		1,714	TARP OR SOIL
8/11/2015	0	198	0	0	0	198	0	198	641			20.2%	20.2%		1,714	TARP OR SOIL
8/12/2015	0	253	0	0	0	253	0	253	818			26.6%	26.6%		1,714	TARP OR SOIL
8/13/2015	0	0	0	0	0	0	0	0	763			0.0%	0.0%		1,714	TARP OR SOIL
8/14/2015	0	0	0	0	0	0	0	0	692			0.0%	0.0%		1,714	TARP OR SOIL
8/15/2015	0	0	0	0	0	0	0	0	64			0.0%	0.0%		1,714	TARP OR SOIL
8/16/2015	0	0	0	0	0	0	0	0							1,714	
8/17/2015	0	0	0	0	0	0	0	0	975			0.0%	0.0%		1,714	TARP OR SOIL
8/18/2015	0	0	0	0	0	0	0	0	884			0.0%	0.0%		1,714	TARP OR SOIL
8/19/2015	0	0	0	0	0	0	0	0	1,236			0.0%	0.0%		1,714	TARP OR SOIL
8/20/2015	0	0	0	0	0	0	0	0	900			0.0%	0.0%		1,714	TARP OR SOIL
8/21/2015	0	0	0	0	0	0	0	0	759			0.0%	0.0%		1,714	TARP OR SOIL
8/22/2015	0	0	0	0	0	0	0	0	208			0.0%	0.0%		1,714	TARP OR SOIL
8/23/2015	0	0	0	0	0	0	0	0							1,714	
8/24/2015	0	0	0	0	0	0	0	0	871			0.0%	0.0%		1,714	TARP OR SOIL
8/25/2015	0	0	0	0	0	0	0	0	1,477			0.0%	0.0%		1,714	TARP OR SOIL
8/26/2015	0	0	0	0	0	0	0	0	1,203			0.0%	0.0%		1,714	TARP OR SOIL
8/27/2015	44	143	0	0	0	187	0	187	849			18.9%	18.9%		1,714	TARP OR SOIL
8/28/2015	44	154	0	0	0	198	0	198	766			22.2%	22.2%		1,714	TARP OR SOIL
8/29/2015	0	0	0	0	0	0	0	0	218			0.0%	0.0%		1,714	TARP OR SOIL
8/30/2015	0	0	0	0	0	0	0	0							1,714	TARP OR SOIL
8/31/2015	0	0	0	0	0	0	0	0							1,714	
August															1,714	
Year to date															1,714	

Note: The soil yards listed above must be in BCY (airspace yards consumed) NOT truck yards. If load counts are used, convert truck yards to airspace yards.

Density of Non UOC ADC (average) 3,000 lb/cy

Yellow boxes require user input

K C
9/2/15

Republic Services

Monthly Soil Tracking Report

Site: Green Valley Landfill Div No. 4127

Date of Month	Soil Hauled (In Bank Cubic Yards)								Waste Received (tons)			Cover Percentages				
	Daily Cover	Int. Cover	Interior Roads (Inside Waste Footprint)	Other Soil Not placed in Waste Footprint	Certified Final Cover	Airspace Consumed by Clean Soil	Airspace Consumed by Non UOC ADC waste	Total Soil Hauled	UOC charged gate tons	Non UOC gate tons used as ADC	Waste Relocated (cy)	Clean Soil daily & intermediate cover percentage	Effective Total Cover Percentage (Includes Non UOC ADC)	Any other ADC used (tarp or spray) (Y or N)?	Site Operational Density (lb/cy)	Comments
9/1/2015	44	165	0	0	0	209	0	209	[illegible]			21.8%	21.8%	Y	1,714	TARS OR SOIL
9/2/2015	0	0	0	0	0	0	0	0	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
9/3/2015	0	0	0	0	0	0	0	0	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
9/4/2015	0	0	0	0	0	0	0	0	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
9/5/2015	0	0	0	0	0	0	0	0	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
9/6/2015	0	0	0	0	0	0	0	0	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
9/7/2015	0	0	0	0	0	0	0	0	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
9/8/2015	44	55	0	0	0	99	0	99	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
9/9/2015	0	0	0	0	0	0	0	0	[illegible]			12.8%	12.8%	Y	1,714	TARS OR SOIL
9/10/2015	0	0	0	0	0	0	0	0	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
9/11/2015	0	0	0	0	0	0	0	0	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
9/12/2015	0	0	0	0	0	0	0	0	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
9/13/2015	0	0	0	0	0	0	0	0	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
9/14/2015	0	0	0	0	0	0	0	0	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
9/15/2015	0	0	0	0	0	0	0	0	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
9/16/2015	33	0	66	0	0	99	0	99	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
9/17/2015	44	110	55	0	0	209	0	209	[illegible]			6.3%	6.3%	Y	1,714	TARS OR SOIL
9/18/2015	0	0	0	0	0	0	0	0	[illegible]			9.7%	9.7%	Y	1,714	TARS OR SOIL
9/19/2015	0	0	0	0	0	0	0	0	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
9/20/2015	0	0	0	0	0	0	0	0	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
9/21/2015	0	0	0	0	0	0	0	0	[illegible]					Y	1,714	TARS OR SOIL
9/22/2015	0	0	0	0	0	0	0	0	[illegible]					Y	1,714	TARS OR SOIL
9/23/2015	0	0	0	0	0	0	0	0	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
9/24/2015	0	0	0	0	0	0	0	0	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
9/25/2015	0	0	0	0	0	0	0	0	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
9/26/2015	0	0	0	0	0	0	0	0	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
9/27/2015	0	0	0	0	0	0	0	0	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
9/28/2015	0	0	0	0	0	0	0	0	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
9/29/2015	0	0	0	0	0	0	0	0	[illegible]					Y	1,714	TARS OR SOIL
9/30/2015	0	0	0	0	0	0	0	0	[illegible]			0.0%	0.0%	Y	1,714	TARS OR SOIL
September															1,714	
Year to date															1,714	

Note: The soil yards listed above must be in BCY (airspace yards consumed) NOT truck yards. If load counts are used, convert truck yards to airspace yards.

Density of Non UOC ADC (average) 3,000 lb/cy

Yellow boxes require user input

KCO
10-7-15

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IV. Environmental Monitoring

A. The groundwater results have already been sent to the Division.
B. The leachate produced at Green Valley was handled at the Ashland Waste Water Treatment Plant of Ashland, KY or Huntington Sanitary Board of Huntington, WV.
C. Gas Monitoring Data.

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MONTHLY LEACHATE TRACKING
Jul-15

OLD TANK

Date	Tank Inches	Tank Gallons	# Loads	Load Gallons	Rain	Snow	
1	52	59082	2	11110.31	0	0	VALICOR
2	50	56052	1	5534.77	0	0	VALICOR
3	51	57564	0	0	0	0	0
4	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0
6	72	89442	2	11201.44	0.4	0	VALICOR
7	0	0	1	5606.71	2	0	VALICOR
8	0	0	3	16657.07	0	0	VALICOR
9	0	0	2	11016.79	0	0	VALICOR
10	75	94032	1	5961.63	0	0	VALICOR
11	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0
13	92	118554	2	12083.93	1	0	VALICOR
14	92	121272	4	21434.05	1.4	0	ASHLAND/VALICOR
15	84	107226	4	21306.95	0	0	ASHLAND
16	84	107226	4	21565.95	0	0	ASHLAND
17	60	71154	2	10673.86	0	0	ASHLAND/VALICOR
18	0	0	1	5395.68	0	0	ASHLAND
19	0	0	0	0	0.3	0	0
20	60	71154	3	16129.5	0.4	0	ASHLAND/VALICOR
21	52	56316	2	10762.59	0	0	ASHLAND/VALICOR
22	54	62130	0	0	0	0	0
23	54	62130	1	5553.96	0	0	ASHLAND
24	39	40020	5	26803.36	0	0	ASHLAND
25	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0
27	54	62130	2	10851.32	0	0	ASHLAND
28	54	62130	3	16438.85	0	0	ASHLAND
29	48	53040	2	10896.88	0	0	ASHLAND/VALICOR
30	44	47094	2	10534.77	0	0	VALICOR
31	44	47094	2	10925.66	0	0	VALICOR
Totals				278446.03			
			51				

NEW TANK

Date	Tank Inches	Tank Gallons	# Loads	Load Gallons	Rain	Snow	
1	46	49818	3	16218.23	0	0	VALICOR
2	47	50901	2	11239.81	0	0	VALICOR
3	50	54150	0	0	0	0	0
4	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0
6	70	75810	2	11165.47	0.4	0	VALICOR
7	0	0	2	11330.94	2	0	VALICOR
8	0	0	2	11074.34	0	0	VALICOR
9	0	0	2	11023.98	0	0	VALICOR
10	70	75810	1	5412.47	0	0	VALICOR
11	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0
13	86	92972	2	10223.02	1	0	VALICOR
14	84	90972	2	11577.94	1.4	0	VALICOR
15	84	90972	4	22383.69	0	0	VALICOR
16	72	77976	4	22498.8	0	0	VALICOR
17	86	92972	5	27098.32	0	0	ASHLAND/VALICOR
18	0	0	1	5366.91	0	0	ASHLAND
19	0	0	2	10601.92	0.3	0	ASHLAND
20	60	64980	5	27796.16	0.4	0	ASHLAND/VALICOR
21	72	89442	6	32158.27	0	0	ASHLAND/VALICOR
22	48	51984	8	43688.25	0	0	ASHLAND/VALICOR
23	34	36822	5	27016.79	0	0	ASHLAND
24	32	34656	0	0	0	0	0
25	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0
27	50	54150	2	11127.1	0	0	ASHLAND
28	52	56316	3	16645.08	0	0	ASHLAND
29	50	54150	3	16371.7	0	0	ASHLAND/VALICOR
30	44	47652	2	11374.1	0	0	VALICOR
31	42	45486	2	11215.83	0	0	VALICOR
Totals				384609.12			
			70				

663055.15	Gallons
121	Loads

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KCC
7/8/15

MONTHLY LEACHATE TRACKING

Aug-15

Date	Tank Inches	Tank Gallons	# Loads	Load Gallons	Rain	Snow	
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
3	53	60606	2	11213	0	0	VALICOR
4	0	0	0	0	0	0	0
5	0	0	2	11036	0	0	VALICOR
6	54	62130	1	5455.6	0	0	VALICOR
7	0	0	2	11149	0	0	VALICOR
8	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0
10	60	71154	2	11185	0.2	0	VALICOR
11	59	69636	3	16508	0	0	VALICOR
12	54	62130	2	10892	0	0	VALICOR
13	52	59082	1	5398.1	0	0	VALICOR
14	0	0	2	10952	0	0	VALICOR
15	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0
17	66	80418	0	0	0.1	0	0
18	68	83496	2	11070	0	0	VALICOR
19	0	0	2	11281	0	0	VALICOR
20	0	0	2	11156	0	0	VALICOR
21	0	0	1	5506	0	0	VALICOR
22	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0
24	68	83496	2	11041	0	0	VALICOR
25	0	0	0	0	0	0	0
26	88	112974	4	22729	0	0	VALICOR
27	82	104292	2	11225	0	0	0
28	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0
Totals			32	177796			

Date	Tank Inches	Tank Gallons	# Loads	Load Gallons	Rain	Snow	
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
3	54	58482	2	11086	0	0	VALICOR
4	0	0	0	0	0	0	0
5	0	0	2	10986	0	0	VALICOR
6	56	60648	2	11216	0	0	VALICOR
7	0	0	2	11058	0	0	VALICOR
8	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0
10	60	649803	2	10935	0.2	0	VALICOR
11	59	63897	2	10902	0	0	VALICOR
12	54	58482	2	10923	0	0	VALICOR
13	52	56316	2	10916	0	0	VALICOR
14	0	0	2	10830	0	0	VALICOR
15	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0
17	62	67146	1	5539.6	0.1	0	VALICOR
18	62	67146	2	11153	0	0	VALICOR
19	0	0	2	11187	0	0	VALICOR
20	0	0	2	11084	0	0	VALICOR
21	0	0	2	11084	0	0	VALICOR
22	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0
24	68	73644	2	11412	0	0	VALICOR
25	0	0	0	0	0	0	0
26	70	75810	1	5474.8	0	0	VALICOR
27	70	75810	1	5558.8	0	0	0
28	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0
Totals			31	171345			

349141.5	Gallons
63	Loads

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KC 9/2/15

Tank Inches	Tank Gallons	# Loads	Load Gallons	Rain	Snow	
108	138270	3	16374.1	0	0	Valicor
96	123930	3	16388.49	0	0	Valicor
0	0	2	11107.91	0	0	Valicor
0	0	2	11141.49	0	0	Valicor
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
100	129060	3	16966.43	0	0	Valicor
0	0	2	11134.29	0.4	0	Valicor
100	129060	2	11187.05	0	0	Valicor
106	136062	3	17093.53	0	0	Ashland/Valicor
0	0	2	11318.94	0	0	Ashland
0	0	1	5302.16	0	0	Ashland
94	121272	4	21623.5	0	0	Ashland/Valicor
84	107226	4	21892.09	0	0	Ashland/Valicor
0	0	3	16242.21	0	0	Ashland
68	83496	4	21688.25	0	0	Ashland/Valicor
0	0	1	5366.91	0	0	Ashland
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	1	5503.6	0	0	Valicor
80	101520	2	11127.1	0	0	Valicor
0	0	2	11115.11	0	0	Valicor
0	0	1	5467.63	0	0	Valicor
76	95520	0	0	0	0	0
0	0	0	0	0.4	0	0
0	0	0	0	0.1	0	0
0	0	2	11232.61	0	0	Valicor
100	129060	2	11100.72	0.3	0	Valicor
84	107226	1	5527.58	0	0	Valicor
0	0	0	0	0	0	0
Totals			276901.2			
	50					

Tank Inches	Tank Gallons	# Loads	Load Gallons	Rain	Snow	
80	86640	1	5362.11	0	0	Valicor
96	102972	1	5477.22	0	0	Valicor
0	0	2	11328.54	0	0	Valicor
0	0	2	11000	0	0	Valicor
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
100	106972	2	11112.71	0	0	Valicor
0	0	2	10738.61	0.4	0	Valicor
106	112972	2	10956.83	0	0	Valicor
108	114972	4	21726.62	0	0	Ashland/Valicor
0	0	2	10868.11	0	0	Ashland
0	0	2	10772.18	0	0	Ashland
98	104972	5	27148.68	0	0	Ashland/Valicor
82	88806	4	21714.63	0	0	Ashland/Valicor
0	0	3	16232.61	0	0	Ashland
68	73644	5	27091.13	0	0	Ashland/Valicor
0	0	1	5364.51	0	0	Ashland
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	2	11023.98	0	0	Valicor
84	90972	2	11187.05	0	0	Valicor
0	0	3	16280.58	0	0	Valicor
0	0	1	5443.65	0	0	Valicor
80	86640	0	0	0	0	0
0	0	0	0	0.4	0	0
0	0	0	0	0.1	0	0
0	0	2	11302.16	0	0	Valicor
96	102972	2	11316.55	0.3	0	Valicor
96	102972	3	16522.78	0	0	Valicor
0	0	0	0	0	0	0
Totals			289971.24			566872.44 Gallons
	53					103 Loads

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K.C
10-7-15

Monitoring
Control and Compliance, Inc.

August 10, 2015

Mr. Kim Cecil
Green Valley Landfill General Partnership
PO Box 9
Rush, KY 41168

Subject: Monthly LFG Report for July 2015
Green Valley Landfill – Ashland, Kentucky

Dear Mr. Cecil:

Monitoring Control and Compliance, Inc. (MCC) is submitting the following monthly landfill gas system monitoring and information report for the Green Valley Landfill using information collected during the month of July 2015.

In this report you will find the following:

- Plant, flare and blower operation summaries.
- Summary of the monthly wellhead monitoring results including well compliance issues.
- Discussion of O & M activities throughout the month, including compliance related issues and recommendations for improvements.
- Data collected and compiled while performing monthly activities.
- Gas system monitoring data.

If you have any questions or comments, please feel free to contact me at (614) 395-5766 or at paul.flory@landfillgasom.com.

Sincerely,

Monitoring Control and Compliance, Inc.

Paul D. Flory
Regional Manager

CC: William L. (Bill) Chlebowy, P.E.
Ron Clark
Dana Oleniacz

JULY 2015 MONTHLY REPORT

Control System Operations

Initial Flare Readings

During the July 2, 2015 monitoring event, the gas quality at the blower inlet was 54.1% CH4, 34.4% CO2, 0.9% O2 and 10.6% balance gas. The applied vacuum to the wellfield was -19.76 inches of water and the flow was 660 SCFM.

Final Flare Readings

At the end of the tuning event on July 27, 2015, the gas quality going to the blower inlet was 53.0% CH4, 34.7% CO2, 1.0% O2 and 11.3% balance gas. The applied vacuum to the wellfield was -18.29 inches of water and the flow was 730 SCFM.

The flare operated for 246.2 hours with an average 281 SCFM during July 2015.

Table 1- 1 Control System Down Time Report

Start time	End Time	Comments
7/10/2015 11:47	7/10/2015 11:50	Shutdown of flare to put in bypass to gas plant.
7/14/2015 6:02	7/14/2015 8:16	Loss of Power
7/16/2015 10:38	7/16/2015 10:40	Shutdown to Install Flow Meter
7/23/2015 8:23	7/23/2015 10:32	Loss of Power

SSM forms for the applicable period can be found in Attachment F.

Monthly Wellhead Monitoring Results

There are a total of 61 monitoring points (53 wells, 7 horizontal wells, and one leachate cleanout riser) associated with, and monitored, as part of the monthly monitoring events.

- Two (2) wells exceeded the NSPS regulatory limits for temperature, oxygen or pressure for a period of greater than 15 days (table 2-1);
- Thirty-one (31) wells exceeded the 58% methane target level set forth in the site's standard operating procedures (SOP); see attachment E.
- Fifty-four (54) wells exceeded the 52% methane target level set forth in the site's standard operating procedures (SOP); see attachment E.
- Eight (8) wells recorded methane concentrations below the site's SOP of 48% see attachment E.
- Four (4) wells recorded flow below the site's SOP of 5 SCFM see attachment E.

A copy of the **Landfill Gas System Monitoring Data**, to be placed in the Operating Record, can be viewed in Attachment B.

Equipment calibration information for the July 2015 Landfill Gas System Monitoring Data can also be viewed in Attachment C.

Wells found to be operating outside of Republic's standard operating procedures (SOP) during the month of July 2015 are shown in Attachment E.

Table 2-1 (below) indicates wells operating outside of the NSPS operational parameters for more than 15 days during the month of July 2015.

Table 2-1: July 2015 - Wells Operating Outside NSPS Standards for greater than 15 days

Extraction Well No.	Parameter	Comments
GRNV65R2	O2	Operated outside NSPS standards from 5/5/15 through the end of July 2015.
GRNVLHW3	O2	Operated outside NSPS standards from 6/1/15 through 7/2/15. Back within standards from 7/2/15 through end of July 2015.
GRNVLHW9	O2	Operated outside NSPS standards from 6/1/15 through the end of July 2015.

Collection System Operations and Maintenance

During the month of July, MCC performed multiple tasks in support of the landfill gas collection system:

- Zero wells were activated during the month of July 2015.
- Zero wells were decommissioned during the month of July 2015.
- Pump maintenance was completed on:
  - EW57
  - EW60R
  - EW64R2
  - EW13R
  - EW26R
  - EW7R
  - EW35
  - EW8R
  - EW21
  - EW18R
  - EW23
  - EW25
  - 59R
  - 58
  - 43R2
  - 41R2

  These reports can be viewed in Attachment I.
- 16 liquid levels were read during the month of July. This report is presented in Attachment I.
- Recorded pump counts; A copy of the pump counts are presented in Attachment G.
- On July 2, 2015, the flare flow meter quit working. A rental flow meter was installed on 7/16/15.

Quarterly Surface Emissions Monitoring

The 3rd quarter Initials Surface Emission Monitoring has not been completed yet.

Perimeter Probe and Building Monitoring

The 3rd quarter 2015 perimeter probe and on-site structure monitoring has not been completed yet.

Recommendations

Based on well field readings and along with investigations, MCC recommends Republic consider the following items be addressed:

- The following wells need 3" kanaflex: EW-30 and EW-16.
- Laterals to HW01, EW04, and 65R2 need to be properly decommissioned.
- The lateral PW-2 holds liquids. The line should be regraded or a drain can be installed.
- A pump cleaning station should be built to assist with pump maintenance.
- The propane solenoid valve has been sticking open. It should be replaced.

This report contains the following appendices':

Attachment A – Flare Chart Records
Attachment B – Landfill Gas System Monitoring Data
Attachment C – Gas meter calibration records
Attachment D – O & M Form
Attachment E – Wellfield SOP summary
Attachment F– SSM Forms (if required)
Attachment G – Pump Count Table (if required)
Attachment H – Cover Integrity Inspection (if required)
Attachment I – Additional miscellaneous information
Attachment J – Annual Rolling Data Table

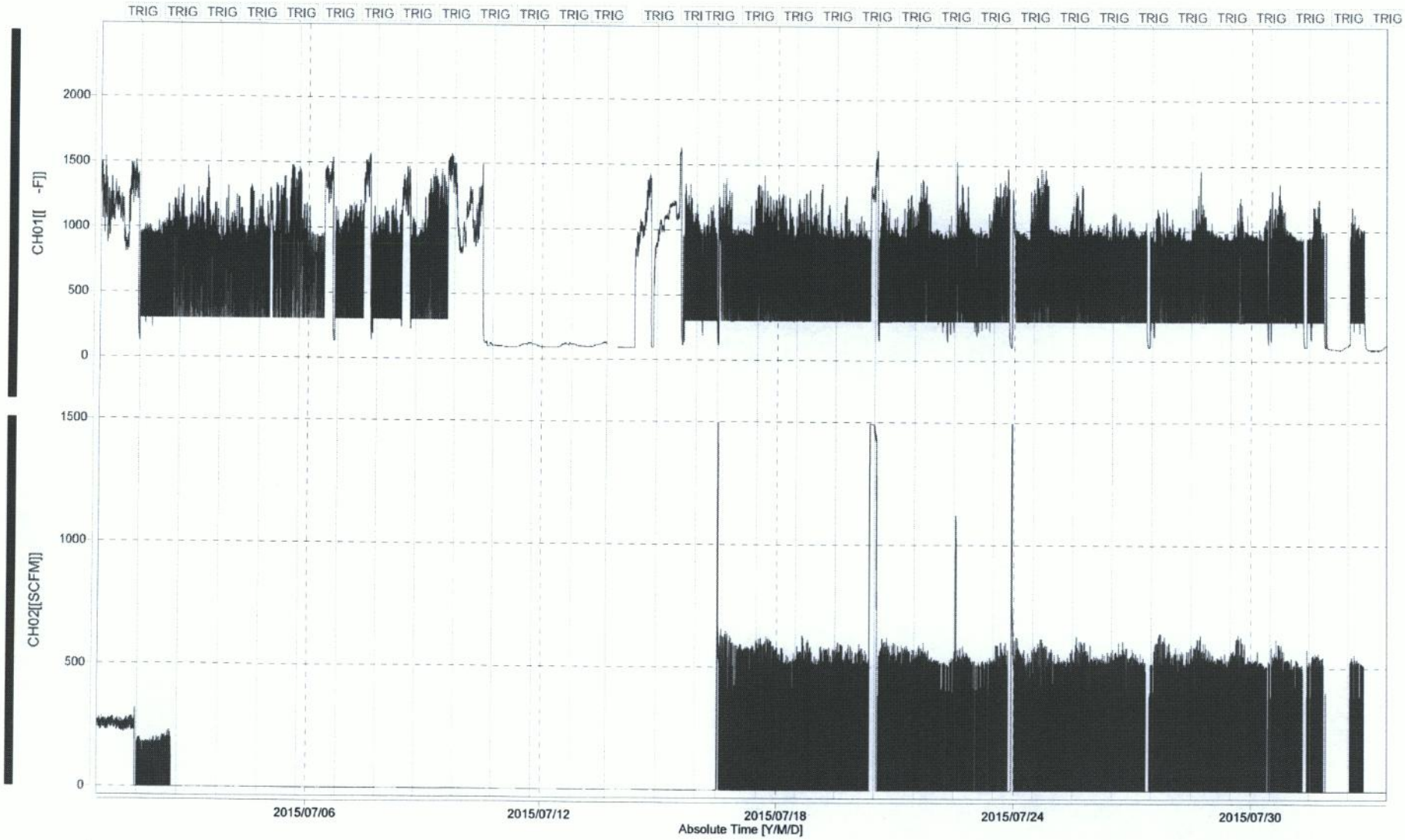
ATTACHMENT A

Flare Chart Records

File Name	: 63018245.DDS,...,80111445.DDS
Device Type	: FX100
Serial No.	: S5DB05975
File Message	:
Time Correction	: None
Starting Condition	: Auto
Dividing Condition	: Auto
Meas Ch.	: 5
Math Ch.	: 4
Printed Group	: FLARE DATA
Printed Range	: 2015/06/30 18:24:00.000 - 2015/08/02 11:36:00.000
Comment	:

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Data Count	: 5890
Sampling Interval	: 480.000 sec
Start Time	: 2015/06/30 18:24:00.000
Stop Time	: 2015/08/02 11:36:00.000
Trigger Time	: 2015/08/02 11:36:00.000
Trigger No.	: 5889
Damage Check	: Not Damaged



ATTACHMENT B

Landfill Gas System Monitoring Data

Green Valley Landfill
Wellfield Monitoring Data - July 2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
EW-27RR	7/2/2015 13:09	57.4	35.6	0	7	-1.67	-2.05	118	9	14	-17.61	Slightly Open; No Repair Needed;
EW-27RR	7/2/2015 13:10	57.5	37.3	0	5.2	-2.4		119	12		-17.61	2nd Reading; No Repair Needed;
EW-27RR	7/27/2015 14:49	55.4	37.2	0	7.4	-2.7	-2.86	124	14	15	-16.92	Slightly Open; No Repair Needed;
EW-27RR	7/27/2015 14:50	54.4	37.3	0	8.3	-3.12		124	17		-16.7	2nd Reading; No Repair Needed;
GRNV17R2	7/2/2015 11:27	54.5	34.7	0	10.8	-10.27	-10.61	103	58	57	-20.16	Slightly Open; No Repair Needed;
GRNV17R2	7/2/2015 11:28	54.4	35.4	0	10.2	-10.27		103	55		-18.04	2nd Reading; No Repair Needed;
GRNV17R2	7/27/2015 13:12	51	35	0	14	-9.92		103	45		-15.19	No Change; No Repair Needed;
GRNV41R2	7/2/2015 8:34	62.6	37.2	0	0.2	-5.82	-6.51	105	9	10	-18	Slightly Open; No Repair Needed; Good; 25544
GRNV41R2	7/2/2015 8:35	63.1	36.5	0	0.4	-8.93		107	12		-22.87	2nd Reading; No Repair Needed;
GRNV41R2	7/27/2015 10:27	62.8	36.7	0	0.5	-9.28	-11.65	107	16	17	-18.99	Slightly Open; No Repair Needed; Good; 33906
GRNV41R2	7/27/2015 10:27	63.4	35.7	0	0.9	-13.76		108	18		-19.34	2nd Reading; No Repair Needed;
GRNV43R2	7/2/2015 8:31	61.2	38.1	0	0.7	-1.6	-1.95	94	9	10	-18.69	Slightly Open; No Repair Needed; Good; 76823
GRNV43R2	7/2/2015 8:31	61	39	0	0	-2.63		94	9		-18.3	2nd Reading; No Repair Needed;
GRNV43R2	7/27/2015 10:23	60.9	36.6	0	2.5	-5.48	-6.82	98	12	14	-19.08	Slightly Open; No Repair Needed; Good; 104678
GRNV43R2	7/27/2015 10:24	61.3	38.7	0	0	-11.35		98	17		-23.09	2nd Reading; No Repair Needed;
GRNV44R2	7/2/2015 9:20	57.1	38.1	0	4.8	-3.71	-4.49	101	41	51	-17.87	Slightly Open; No Repair Needed; Good; 263
GRNV44R2	7/2/2015 9:21	57.3	38.4	0	4.3	-5.78		102	56		-19.81	2nd Reading; No Repair Needed;
GRNV44R2	7/27/2015 11:09	53.4	35.8	0.6	10.2	-5.69		107	52		-19.21	No Change; No Repair Needed;
GRNV46R3	7/2/2015 10:25	51.3	33.8	3	11.9	-0.24		94	8		-26.28	No Change; No Repair Needed;
GRNV46R3	7/27/2015 11:06	51.7	35	2.2	11.1	-0.14		96	12		-21.06	No Change; No Repair Needed; Good; 3133; force main restricted
GRNV47R2	7/2/2015 9:11	58.8	39.1	0	2.1	-0.27	-2.36	116	23	40	-18.73	Slightly Open; No Repair Needed; Good; 361133
GRNV47R2	7/2/2015 9:12	59.3	40.4	0	0.3	-2.73		116	26		-17.35	2nd Reading; No Repair Needed;
GRNV47R2	7/27/2015 11:01	48.2	34.2	1.9	15.7	-4.3		114	37		-21.54	No Change; Pump Maintenance Required; Good; 371653
GRNV50R3	7/2/2015 8:38	52.2	36.7	0	11.1	-20.75		112	15		-26.59	No Change; No Repair Needed;
GRNV50R3	7/27/2015 10:31	52.1	36.6	0	11.3	-15.7		114	13		-19.38	No Change; No Repair Needed;
GRNV63R2	7/2/2015 7:59	61.1	38.9	0	0	0.85	-1.02	91	11	12	-19.55	Slightly Open; No Repair Needed;
GRNV63R2	7/2/2015 8:00	61.3	38.7	0	0	-1.72		90	14		-19.64	2nd Reading; No Repair Needed;
GRNV63R2	7/27/2015 9:35	61.2	38.5	0	0.3	-4.12	-4.28	95	13	13	-19.29	Slightly Open; No Repair Needed;
GRNV63R2	7/27/2015 9:36	61.6	38.4	0	0	-6.82		94	14		-19.38	2nd Reading; No Repair Needed;
GRNV64R2	7/2/2015 7:57	57.6	39.9	0.6	1.9	-18.9		120	16		-18.99	No Change; No Repair Needed;
GRNV64R2	7/27/2015 9:33	58.2	39.4	0.5	1.9	-19.24		121	17		-19.85	No Change; No Repair Needed;
GRNV65R2	7/2/2015 7:54	6.1	22.5	6.5	64.9	-0.85	-0.84	72	5	2	-20.16	Slightly Closed; No Repair Needed;
GRNV65R2	7/2/2015 7:55	5.4	21.3	7.3	66	-1.44		71	4		-19.68	2nd Reading; No Repair Needed;

Green Valley Landfill
Wellfield Monitoring Data - July 2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNV65R2	7/15/2015 9:34	2.3	8.1	14.3	75.3	-1.13	-1.13	75	3	1	-26.63	Slightly Closed; No Repair Needed; Fair; pinched
GRNV65R2	7/15/2015 9:35	2.1	8	14.4	75.5	-1.67		74	6		-26.67	2nd Reading; No Repair Needed; Fair; pinched
GRNV65R2	7/27/2015 9:29	4.5	21	6.8	67.7	-0.56	-0.55	80	6	7	-19.38	Slightly Closed; No Repair Needed; Fair; pinched
GRNV65R2	7/27/2015 9:30	4	20.8	7	68.2	-1.03		79	8		-18.99	2nd Reading; No Repair Needed; Fair; pinched
GRNVL08R	7/2/2015 11:34	52.5	36.5	0	11	-2.06		80	5		-16.23	No Change; No Repair Needed;
GRNVL08R	7/27/2015 13:17	51.3	34.8	0.1	13.8	-1.16		93	8		-19.68	No Change; No Repair Needed;
GRNVL10R	7/2/2015 13:03	61.2	36.8	0	2	-0.43	-0.54	124	2	6	-19.64	Slightly Open; No Repair Needed;
GRNVL10R	7/2/2015 13:04	61.7	36.4	0	1.9	-0.68		127	11		-20.63	2nd Reading; No Repair Needed;
GRNVL10R	7/27/2015 13:39	48.7	35.3	0	16	-0.83		126	28		-12.13	No Change; No Repair Needed;
GRNVL13R	7/2/2015 10:51	59.6	36.8	0.2	3.4	-11.3	-11.95	109	20	30	-19.68	Slightly Open; No Repair Needed; Good; 171942
GRNVL13R	7/2/2015 10:52	60	37.6	0.1	2.3	-12.68		110	33		-20.2	2nd Reading; No Repair Needed;
GRNVL13R	7/27/2015 12:35	57.7	35.8	0.3	6.2	-11.99	-12.47	110	8	25	-15.54	Slightly Open; No Repair Needed; Good; 176485
GRNVL13R	7/27/2015 12:37	59.1	37	0.4	3.5	-13.03		110	23		-15.19	2nd Reading; No Repair Needed;
GRNVL18R	7/2/2015 12:54	56.9	35.2	0	7.9	-5.48	-6.13	90	10	10	-16.57	Slightly Open; No Repair Needed; Good; 297
GRNVL18R	7/2/2015 12:55	58.1	36.7	0	5.2	-6.47		91	10		-17.22	2nd Reading; No Repair Needed;
GRNVL18R	7/27/2015 13:32	56.6	35.6	0.4	7.4	-7.12	-8.07	97	14	15	-17.65	Slightly Open; No Repair Needed; Good; 304
GRNVL18R	7/27/2015 13:32	57.8	36.7	0.5	5	-8.24		97	19		-17.31	2nd Reading; No Repair Needed;
GRNVL26R	7/2/2015 10:36	57.1	37	0	5.9	-7.89	-8.24	97	19	16	-17.57	Slightly Open; No Repair Needed; Good; 156954
GRNVL26R	7/2/2015 10:37	56.7	37.9	0	5.4	-8.54		97	19		-17.91	2nd Reading; No Repair Needed;
GRNVL26R	7/27/2015 12:21	59	37.3	0	3.7	-10.31	-11.99	99	17	19	-17.87	Slightly Open; No Repair Needed; Good; 156964
GRNVL26R	7/27/2015 12:22	59.4	38.3	0	2.3	-12.68		99	20		-18.04	2nd Reading; No Repair Needed;
GRNVL32R	7/2/2015 12:58	57.2	36.7	0	6.1	-12.68		124	23		-16.92	No Change; No Repair Needed;
GRNVL32R	7/27/2015 13:36	52.7	36.3	0.1	10.9	-12.68		126	22		-16.57	No Change; No Repair Needed;
GRNVL38R	7/2/2015 13:06	55.6	34.2	0	10.2	-1.81		111	6		-17.65	No Change; No Repair Needed;
GRNVL38R	7/27/2015 13:41	54.2	35.4	0	10.4	-1.28		120	6		-14.85	No Change; No Repair Needed;
GRNVL49R	7/2/2015 9:08	61.7	37.4	0	0.9	-18.51		110	7		-18.3	No Change; No Repair Needed;
GRNVL49R	7/27/2015 10:58	61.3	36.8	0	1.9	-18.9		112	16		-19.03	No Change; No Repair Needed;
GRNVL52R	7/2/2015 8:59	59.4	34.7	0	5.9	-21.66		115	18		-21.84	No Change; No Repair Needed;
GRNVL52R	7/27/2015 10:49	58.8	34.7	0	6.5	-19.28		116	17		-19.34	No Change; No Repair Needed;
GRNVL54R	7/2/2015 8:55	57.8	27.2	0	15	-10.27	-11.3	112	12	17	-18.08	Slightly Open; No Repair Needed; Good; 43275

Green Valley Landfill
Wellfield Monitoring Data - July 2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVL54R	7/2/2015 8:57	58.8	28.4	0	12.8	-11.99		113	19		-18.69	2nd Reading; No Repair Needed;
GRNVL54R	7/27/2015 10:46	60.6	28.7	0	10.7	-14.06		113	19		-19.68	No Change; No Repair Needed;
GRNVL59R	7/2/2015 8:41	61.8	34.3	1.2	2.7	-18.21		106	0		-18.69	No Change; Pump Maintenance Required; Good; 132057
GRNVL59R	7/27/2015 10:34	62.8	33.3	0.5	3.4	-18.21		107	12		-19.34	No Change; No Repair Needed;
GRNVL60R	7/2/2015 8:43	61.9	34.2	0	3.9	-0.96	-1.12	93	6	9	-18.64	Slightly Open; No Repair Needed;
GRNVL60R	7/2/2015 8:44	63.3	36.3	0	0.4	-1.88		95	9		-18.64	2nd Reading; No Repair Needed;
GRNVL60R	7/27/2015 10:36	53	31.6	0.1	15.3	-4.49		90	11		-19.12	No Change; No Repair Needed;
GRNVLHW1	7/2/2015 10:47	58.9	35.9	0	5.2	-0.01	-0.05	76	10	11	-21.41	Slightly Open; No Repair Needed;
GRNVLHW1	7/2/2015 10:48	59.1	36	0	4.9	-0.05		76	14		-21.88	2nd Reading; No Repair Needed;
GRNVLHW1	7/27/2015 12:33	29.8	26.4	2.3	41.5	-0.03		85	11		-17.22	No Change; No Repair Needed; Fair; valve barely cracked
GRNVLHW3	7/2/2015 8:17	48.8	33.7	1.8	15.7	-0.01		78	5		-19.34	No Change; No Repair Needed;
GRNVLHW3	7/27/2015 9:51	51.9	34.4	1.2	12.5	-0.02		84	8		-19.46	No Change; No Repair Needed;
GRNVLHW4	7/2/2015 8:08	51.5	36.6	0.2	11.7	-0.18		79	4		-18.6	No Change; No Repair Needed;
GRNVLHW4	7/27/2015 9:43	55.5	36.7	0.1	7.7	-0.22	-0.3	86	11	8	-19.72	Slightly Open; No Repair Needed;
GRNVLHW4	7/27/2015 9:44	55.6	37.1	0	7.3	-0.54		87	9		-19.64	2nd Reading; No Repair Needed;
GRNVLHW5	7/2/2015 8:02	55.7	37.1	0.7	6.5	-0.05		77	6		-18.95	No Change; No Repair Needed;
GRNVLHW5	7/27/2015 9:38	54.1	36.1	1.1	8.7	-0.08		83	9		-19.34	No Change; No Repair Needed;
GRNVLHW6	7/2/2015 8:46	14.2	10.3	15.9	59.6	-18.85	-18.9	72	7	5	-18.6	Slightly Closed; No Repair Needed;
GRNVLHW6	7/2/2015 8:47	21.6	13.4	13.3	51.7	-18.59		71	5		-19.34	2nd Reading; No Repair Needed;
GRNVLHW6	7/15/2015 9:38	8.6	3.9	17.2	70.3	-4.74	-4.74	75	7	7	-26.67	No Change; No Repair Needed; Fair; valve completely closed
GRNVLHW6	7/15/2015 9:40	25.3	16.2	11.3	47.2	-4.8		75	8		-26.63	2nd Reading; No Repair Needed; Fair; valve completely closed
GRNVLHW6	7/27/2015 10:38	56.9	33	1.2	8.9	1.82	-1.66	83	0	0	-19.34	Slightly Open; No Repair Needed;
GRNVLHW6	7/27/2015 10:39	56.1	34	1.8	8.1	-8.2		82	4		-19.34	2nd Reading; No Repair Needed;
GRNVLHW7	7/2/2015 8:15	59.6	40	0	0.4	-0.13	-0.33	92	13	26	-26.59	Slightly Open; No Repair Needed;
GRNVLHW7	7/2/2015 8:16	59.7	40.3	0	0	-0.43		92	31		-23.74	2nd Reading; No Repair Needed;
GRNVLHW7	7/27/2015 9:49	48.7	36.2	1.9	13.2	-0.35		100	27		-19.72	No Change; No Repair Needed;
GRNVLHW8	7/2/2015 8:05	55.5	37.9	0	6.6	-0.07	-0.17	93	10	15	-19.51	Slightly Open; No Repair Needed;
GRNVLHW8	7/2/2015 8:06	55.5	38.8	0	5.7	-0.25		93	25		-18.99	2nd Reading; No Repair Needed;
GRNVLHW8	7/27/2015 9:41	44.2	34	1.5	20.3	-0.26		100	19		-20.5	No Change; No Repair Needed;
GRNVLHW9	7/2/2015 8:25	31.7	23.4	6.3	38.6	-0.02	-0.02	92	18	18	-19.34	No Change; No Repair Needed; Fair
GRNVLHW9	7/2/2015 8:26	31.6	23.3	6.4	38.7	-0.02		93	20		-18.17	2nd Reading; No Repair Needed;
GRNVLHW9	7/15/2015 9:30	50	33.9	2.2	13.9	-0.06		90	21		-27.1	No Change; No Repair Needed;
GRNVLHW9	7/27/2015 9:59	31.5	23.4	5.9	39.2	-0.04	-0.02	95	23	22	-19.08	Slightly Closed; No Repair Needed;
GRNVLHW9	7/27/2015 10:00	31.8	23.2	6	39	-0.02		95	27		-19.64	2nd Reading; No Repair Needed;
GRNVLPW1	7/2/2015 8:21	61	39	0	0	33.22	-0.59	95	18	59	-18.99	Slightly Open; No Repair Needed; Good; 52420

Green Valley Landfill
Wellfield Monitoring Data - July 2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLPW1	7/2/2015 8:22	59.2	39.6	1.2	0	-2.43		101	64		-18.64	2nd Reading; No Repair Needed;
GRNVLPW1	7/27/2015 9:55	57.7	37.6	0	4.7	-11.65	-19.24	97	37	15	-19.34	Slightly Open; No Repair Needed; Good; 52422
GRNVLPW1	7/27/2015 9:57	48.1	30.9	4	17	-15.44		95	22		-19.51	2nd Reading; No Repair Needed;
GRNVLPW2	7/2/2015 8:11	59.4	39.8	0	0.8	-9.58	-20.28	106	36	37	-22.49	Slightly Open; No Repair Needed; Fair; 111414; surging
GRNVLPW2	7/2/2015 8:12	58.7	40.3	0.2	0.8	-19.15		106	53		-26.28	2nd Reading; No Repair Needed;
GRNVLPW2	7/27/2015 9:47	57.9	39.6	0.2	2.3	-17.86		110	35		-18.69	No Change; No Repair Needed; Fair; 154692; remote restricted
GRNVLY01	7/2/2015 13:18	53.7	34.2	0	12.1	-13.03		92	0		-12.82	No Change; No Repair Needed;
GRNVLY01	7/27/2015 15:01	61.4	35	0	3.6	-21.18		91	9		-25.12	No Change; No Repair Needed;
GRNVLY02	7/2/2015 13:20	55.7	34.4	0	9.9	-14.19		105	14		-16.27	No Change; No Repair Needed;
GRNVLY02	7/27/2015 15:03	58.7	35.2	0.1	6	-16.82		107	15		-18.26	No Change; No Repair Needed;
GRNVLY03	7/2/2015 10:30	61.6	37.9	0	0.5	-17.52		100	24		-17.78	No Change; No Repair Needed;
GRNVLY03	7/27/2015 12:14	60.3	36.1	0.1	3.5	-18.21		100	15		-19.34	No Change; No Repair Needed;
GRNVLY12	7/2/2015 10:41	55.8	37	0	7.2	-16.44		95	0		-16.66	No Change; No Repair Needed;
GRNVLY12	7/27/2015 12:27	57.8	37.7	0.2	4.3	-17.17		95	0		-17.7	No Change; No Repair Needed; Fair
GRNVLY16	7/2/2015 11:18	55.8	35.2	0	9	-17.52		98	18		-17.26	No Change; No Repair Needed;
GRNVLY16	7/27/2015 13:03	60.1	36.8	0	3.1	-15.44		100	10		-15.24	No Change; No Repair Needed;
GRNVLY19	7/2/2015 11:00	50.7	35	0	14.3	-8.58		95	16		-16.27	No Change; No Repair Needed;
GRNVLY19	7/27/2015 12:44	55.8	36.7	0	7.5	-8.58	-9.23	97	13	16	-15.19	Slightly Open; No Repair Needed;
GRNVLY19	7/27/2015 12:45	56.9	36	0	7.1	-9.92		97	23		-15.62	2nd Reading; No Repair Needed;
GRNVLY20	7/2/2015 11:03	57.5	35.8	0	6.7	-5.82	-6.13	108	36	41	-16.92	Slightly Open; No Repair Needed;
GRNVLY20	7/2/2015 11:04	57.7	36.7	0	5.6	-6.17		108	41		-16.7	2nd Reading; No Repair Needed;
GRNVLY20	7/27/2015 12:47	55.8	35.9	0	8.3	-6.9	-7.38	109	44	55	-19.12	Slightly Open; No Repair Needed;
GRNVLY20	7/27/2015 12:48	56.4	36.7	0	6.9	-7.55		109	55		-20.33	2nd Reading; No Repair Needed;
GRNVLY21	7/2/2015 11:08	61.8	37.7	0	0.5	-15.66		100	26		-15.88	No Change; No Repair Needed;
GRNVLY21	7/27/2015 12:53	60.8	37	0	2.2	-18.55		102	17		-18.99	No Change; No Repair Needed;
GRNVLY22	7/2/2015 11:10	56.6	36.4	0	7	-15.66		82	14		-16.18	No Change; No Repair Needed;
GRNVLY22	7/27/2015 12:57	61.1	37.4	0	1.5	-15.75		85	20		-15.58	No Change; No Repair Needed;
GRNVLY23	7/2/2015 11:14	52.9	35.6	0.2	11.3	-15.1		85	19		-16.1	No Change; No Repair Needed;
GRNVLY23	7/27/2015 13:00	60.8	37.2	0.1	1.9	-15.1		87	13		-15.93	No Change; No Repair Needed;
GRNVLY24	7/2/2015 10:32	57.4	35.8	0.3	6.5	-2.83	-2.9	80	5	5	-18	Slightly Open; No Repair Needed;
GRNVLY24	7/2/2015 10:33	57.7	35.8	0.2	6.3	-2.95		81	7		-18.34	2nd Reading; No Repair Needed;
GRNVLY24	7/27/2015 12:17	58.6	36.8	0.7	3.9	-3.99	-4.22	88	9	10	-19.34	Slightly Open; No Repair Needed;
GRNVLY24	7/27/2015 12:18	58.7	36.3	0.6	4.4	-4.36		89	13		-18.69	2nd Reading; No Repair Needed;
GRNVLY25	7/2/2015 13:13	56.1	37.4	0.1	6.4	-7.85	-8.54	105	8	12	-16.62	Slightly Open; No Repair Needed;
GRNVLY25	7/2/2015 13:15	56.1	37.5	0.1	6.3	-9.32		106	10		-17.22	2nd Reading; No Repair Needed;
GRNVLY25	7/27/2015 14:52	55	37.2	0.2	7.6	-10.61	-11.65	110	7	18	-16.96	Slightly Open; No Repair Needed; Good; 242506
GRNVLY25	7/27/2015 14:53	55.4	36.8	0.1	7.7	-13.03		110	17		-20.16	2nd Reading; No Repair Needed;

Green Valley Landfill
Wellfield Monitoring Data - July 2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY28	7/2/2015 10:39	60.8	38.3	0	0.9	-12.38		107	25		-16.57	No Change; No Repair Needed; Good; 132830; valve full open
GRNVLY28	7/27/2015 12:24	59.5	38.2	0.2	2.1	-13.03		108	28		-18.04	No Change; No Repair Needed; Good; 140034; valve full open
GRNVLY29	7/2/2015 13:00	55.8	36.4	0.5	7.3	-1.36		100	4		-16.92	No Change; No Repair Needed;
GRNVLY29	7/27/2015 14:45	57.3	34.7	0.5	7.5	-1.6	-1.84	108	11	8	-16.18	Slightly Open; No Repair Needed; Good; 120201
GRNVLY29	7/27/2015 14:46	57.3	35.1	0.4	7.2	-2.26		109	6		-16.27	2nd Reading; No Repair Needed;
GRNVLY30	7/2/2015 10:44	58.8	35.4	0	5.8	-1.76	-1.83	88	26	30	-14.72	Slightly Open; No Repair Needed;
GRNVLY30	7/2/2015 10:45	58.7	36	0	5.3	-1.97		90	6		-14.5	2nd Reading; No Repair Needed;
GRNVLY30	7/27/2015 12:29	56.6	35.6	0	7.8	-4.35	-4.41	102	13	7	-18.3	Slightly Open; No Repair Needed;
GRNVLY30	7/27/2015 12:30	56.8	35.6	0	7.6	-4.58		105	8		-17.65	2nd Reading; No Repair Needed;
GRNVLY31	7/2/2015 10:54	59.8	37.6	0	2.6	-22.35		106	22		-23.22	No Change; No Repair Needed;
GRNVLY31	7/27/2015 12:39	60.4	37	0	2.6	-17.17		108	12		-17.26	No Change; No Repair Needed;
GRNVLY33	7/2/2015 12:51	47.2	31.3	0.1	21.4	-2.74		91	3		-15.54	No Change; No Repair Needed; Fair; valve barely cracked
GRNVLY33	7/27/2015 13:28	49.7	34.2	0.2	15.9	-2.68		101	9		-15.58	No Change; No Repair Needed;
GRNVLY34	7/2/2015 10:57	57.1	36.4	0	6.5	-4.25	-4.58	103	23	24	-21.88	Slightly Open; No Repair Needed;
GRNVLY34	7/2/2015 10:58	57.8	37.6	0	4.6	-4.72		103	20		-19.85	2nd Reading; No Repair Needed;
GRNVLY34	7/27/2015 12:41	56.5	36.9	0.3	6.3	-4.92		105	14		-16.92	No Change; No Repair Needed;
GRNVLY35	7/2/2015 12:47	56.9	35.2	0.2	7.7	-1.45		104	35		-16.4	No Change; No Repair Needed;
GRNVLY36	7/2/2015 11:31	54	35.3	0	10.7	-15.36		124	30		-15.88	No Change; No Repair Needed;
GRNVLY36	7/27/2015 13:15	52.9	35.2	0	11.9	-16.48		126	46		-18.34	No Change; No Repair Needed;
GRNVLY37	7/2/2015 11:23	54.9	34.4	0	10.7	-11.3	-11.65	88	14	20	-18.95	Slightly Open; No Repair Needed;
GRNVLY37	7/2/2015 11:24	54.7	34	0	11.3	-11.99		88	25		-19.03	2nd Reading; No Repair Needed;
GRNVLY37	7/27/2015 13:08	56.9	35.7	0	7.4	-11.35	-12.04	90	15	23	-15.24	Slightly Open; No Repair Needed;
GRNVLY37	7/27/2015 13:09	56.7	35.1	0	8.2	-12.34		90	27		-14.89	2nd Reading; No Repair Needed;
GRNVLY55	7/2/2015 9:24	61.2	38.8	0	0	-24.85		106	28		-26.24	No Change; No Repair Needed;
GRNVLY55	7/27/2015 11:11	59.6	37.3	0	3.1	-18.55		107	24		-19.16	No Change; No Repair Needed;
GRNVLY56	7/2/2015 9:15	60.4	39.6	0	0	-17.17		87	0		-17.61	No Change; No Repair Needed;
GRNVLY56	7/27/2015 11:03	56.3	34.2	1.1	8.4	-25.15		94	0		-26.59	No Change; No Repair Needed;
GRNVLY57	7/2/2015 9:04	54.1	35.3	0	10.6	-9.58	-10.27	92	7	11	-19.68	Slightly Open; No Repair Needed; Good; 15389
GRNVLY57	7/2/2015 9:05	54.1	36.4	0	9.5	-11		93	35		-19.03	2nd Reading; No Repair Needed;
GRNVLY57	7/27/2015 10:56	49.5	32.6	2.3	15.6	-12.34		92	12		-19.34	No Change; Pump Maintenance Required; Fair; 324727
GRNVLY58	7/2/2015 9:01	51.6	35.2	0.2	13	-18.21		99	41		-26.24	No Change; No Repair Needed;
GRNVLY58	7/27/2015 10:52	56.3	35.6	0.2	7.9	-14.24	-14.75	100	35	38	-19.34	Slightly Open; No Repair Needed; Good; 4159
GRNVLY58	7/27/2015 10:53	56.2	36.2	0.2	7.4	-15.1		100	35		-19.68	2nd Reading; No Repair Needed;

Green Valley Landfill
Wellfield Monitoring Data - July 2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY61	7/2/2015 8:52	37.1	19.3	8.1	35.5	-18.16	-17.99	72	11	7	-18	Slightly Closed; Pump Maintenance Required; Fair
GRNVLY61	7/2/2015 8:53	49.1	26.1	4.7	20.1	-18.21		71	6		-18.17	2nd Reading; Pump Maintenance Required; Fair
GRNVLY61	7/27/2015 10:42	0.9	0.4	19.9	78.8	-25.19	-25.15	82	0	0	-25.55	Slightly Closed; No Repair Needed;
GRNVLY61	7/27/2015 10:43	0.6	0.2	20	79.2	-26.53		82	6		-26.59	2nd Reading; No Repair Needed;
GRNVLY62	7/2/2015 8:49	55.9	34.2	1.1	8.8	-7.2		81	8		-18.95	No Change; No Repair Needed;
GRNVLY62	7/27/2015 10:40	54.9	36.3	0.7	8.1	-6.17		87	7		-19.34	No Change; No Repair Needed;
GRNVLY7R	7/2/2015 12:44	50.8	34.8	0.1	14.3	-8.93		87	4		-20.37	No Change; No Repair Needed;
GRNVLY7R	7/27/2015 13:22	40.2	30.3	3.5	26	-8.58	-8.54	96	0	0	-21.71	Slightly Closed; No Repair Needed;
GRNVLY7R	7/27/2015 13:23	40	29	3.9	27.1	-8.54		97	0		-12.43	2nd Reading; No Repair Needed;
GRNVBOT2	7/15/2015 8:58	42.8	27.9	4.9	24.4	6.95	6.6	95	0	0	-0.04	No Change; No Repair Needed; Fair; flow meter not operational
GRNVBOT2	7/15/2015 9:25	56.3	35.2	0.8	7.7	4.95	4.73	78	0	0	-0.04	No Change; No Repair Needed;
GRNVBOT2	7/15/2015 9:59	55.4	35.5	0.8	8.3	4.81	4.87	95	0	0	0.04	No Change; No Repair Needed;
GRNVCO02	7/2/2015 9:30	48.9	28.5	4	18.6	-19.59		71	4		-19.46	No Change; No Repair Needed; Fair
GRNVLBIN	7/2/2015 7:40	54.1	34.4	0.9	10.6	-19.76	-19.76	79	660	660	0	No Change; No Repair Needed;
GRNVLBIN	7/2/2015 14:22	54.4	35.6	0.7	9.3	-26.92	-27.57	79	820	820	0	No Change; No Repair Needed;
GRNVLBIN	7/15/2015 8:56	42.6	27.5	5	24.9	-27.22	-26.88	78	0	0	0	No Change; No Repair Needed; Fair; flow meter not operational
GRNVLBIN	7/15/2015 9:57	55.3	35.6	0.9	8.2	-160.27	-26.92	79	0	0	-157.53	No Change; No Repair Needed;
GRNVLBIN	7/27/2015 9:10	53.3	35.2	1	10.5	-20.1	-20.28	80	730	730	0	No Change; No Repair Needed;
GRNVLBIN	7/27/2015 15:43	53	34.7	1	11.3	-18.29	-18.33	81	730	730	-0.04	No Change; No Repair Needed;
GRNVLBOT	7/2/2015 7:42	54.4	35.7	0.8	9.1	7.64	7.33	87	660	660	0	No Change; No Repair Needed;
GRNVLBOT	7/27/2015 9:12	53.4	35.4	1	10.2	7.42	7.55	90	730	730	0	No Change; No Repair Needed;
GRNVLBOT	7/27/2015 15:45	53.4	35.4	0.9	10.3	6.95	6.95	99	730	730	-0.04	No Change; No Repair Needed;
Flare 1	7/2/2015 14:18	53.5	35.1	0.7	10.7	0.53	0.54	79	120	120	0	GHG Reading; No Repair Needed; Good; No Totalizer
Plant 1	7/2/2015 14:20	53.3	35.4	0.8	10.5	6.13	6.13	84	700	700	0	GHG Reading; No Repair Needed; Good; 186350250 scf

Total Number of Wells	61
Total Number of Well Readings	61
Total Number of Readings NOT Collected	0

Number of Wells With Methane < 48%	8
Number of Wells With Methane > 52%	54
Number of Wells With Methane > 58%	31
Number of Wells With Oxygen > 1%	15
Number of Wells With Temperature > 120°F	6
Number of Wells With Flow < 5 SCFM	4

ATTACHMENT C

Gas Meter Calibration Records

Meter Calibration Form

Technician:	Zachary Ankney
Meter Serial #:	1003018
PDA ID:	WM_Tom_Philips2
Meter Date:	7/2/15
Meter Time:	7:35 AM

Sensor	Lot #	Cylinder %	Calibration %
Methane	000000EE2589	0	-0.05
Methane	000000EE2528	48.43	47.96
Oxygen	000000EE2528	0	0
Oxygen	000000EE2589	4	3.93
CO2	000000EE2589	0	0
CO2	000000EE2528	34.68	34.67
Available (high)	NA	0	-0.04
Applied (low)	NA	0	-0.01
Applied (high)	NA	0	0
Differential (low)	NA	0	0
Differential (high)	NA	0	0.03

Meter Calibration Form

Technician:	Zachary Ankney
Meter Serial #:	1003018
PDA ID:	WM_Tom_Philips2
Meter Date:	7/2/15
Meter Time:	12:37 PM

Sensor	Lot #	Cylinder %	Calibration %
Methane	000000EE2589	0	0.04
Methane	000000EE2528	48.43	48.98
Oxygen	000000EE2528	0	-0.06
Oxygen	000000EE2589	4	4.06
CO2	000000EE2589	0	0
CO2	000000EE2528	34.68	34.96
Available (high)	NA	0	-0.04
Applied (low)	NA	0	-0.01
Applied (high)	NA	0	0
Differential (low)	NA	0	0
Differential (high)	NA	0	0.02

Meter Calibration Form

Technician:	Zachary Ankney
Meter Serial #:	1003018
PDA ID:	WM_Tom_Philips2
Meter Date:	7/2/15
Meter Time:	2:09 PM

Sensor	Lot #	Cylinder %	Calibration %
Methane	000000EE2589	0	0.02
Methane	000000EE2528	48.43	48.39
Oxygen	000000EE2528	0	-0.03
Oxygen	000000EE2589	4	4.03
CO2	000000EE2589	0	0
CO2	000000EE2528	34.68	34.55
Available (high)	NA	0	-0.04
Applied (low)	NA	0	-0.01
Applied (high)	NA	0	-0.04
Differential (low)	NA	0	0
Differential (high)	NA	0	0.02

Meter Calibration Form

Technician:	Zachary Ankney
Meter Serial #:	1003018
PDA ID:	WM_Tom_Philips2
Meter Date:	7/15/15
Meter Time:	8:52 AM

Sensor	Lot #	Cylinder %	Calibration %
Methane	000000EE2347	0	-0.01
Methane	000000EE2528	48.43	48.27
Oxygen	000000EE2528	0	0
Oxygen	000000EE2347	4	3.91
CO2	000000EE2347	0	0
CO2	000000EE2528	34.68	34.25
Available (high)	NA	0	-0.09
Applied (low)	NA	0	0
Applied (high)	NA	0	-0.04
Differential (low)	NA	0	0
Differential (high)	NA	0	0.02

Meter Calibration Form

Technician:	Zachary Ankney
Meter Serial #:	1003018
PDA ID:	WM_Tom_Philips2
Meter Date:	7/15/15
Meter Time:	9:55 AM

Sensor	Lot #	Cylinder %	Calibration %
Methane	000000EE2347	0	0.02
Methane	000000EE2528	48.43	48.52
Oxygen	000000EE2528	0	0
Oxygen	000000EE2347	4	4.06
CO2	000000EE2347	0	0
CO2	000000EE2528	34.68	34.7
Available (high)	NA	0	-0.04
Applied (low)	NA	0	0
Applied (high)	NA	0	-0.04
Differential (low)	NA	0	0
Differential (high)	NA	0	0.02

Meter Calibration Form

Technician:	Zachary Ankney
Meter Serial #:	1003018
PDA ID:	WM_Tom_Philips2
Meter Date:	7/27/15
Meter Time:	9:06 AM

Sensor	Lot #	Cylinder %	Calibration %
Methane	000000EE2347	0	-0.03
Methane	000000EE2541	48.43	48.05
Oxygen	000000EE2541	0	0.04
Oxygen	000000EE2347	4	3.96
CO2	000000EE2347	0	0
CO2	000000EE2541	34.68	34.79
Available (high)	NA	0	-0.04
Applied (low)	NA	0	-0.01
Applied (high)	NA	0	0
Differential (low)	NA	0	0
Differential (high)	NA	0	0.01

Meter Calibration Form

Technician:	Zachary Ankney
Meter Serial #:	1003018
PDA ID:	WM_Tom_Philips2
Meter Date:	7/27/15
Meter Time:	12:00 PM

Sensor	Lot #	Cylinder %	Calibration %
Methane	000000EE2350	0	0.08
Methane	000000EE2541	48.43	48.93
Oxygen	000000EE2541	0	-0.07
Oxygen	000000EE2350	4	4.02
CO2	000000EE2350	0	0
CO2	000000EE2541	34.68	34.69
Available (high)	NA	0	-0.04
Applied (low)	NA	0	0
Applied (high)	NA	0	0
Differential (low)	NA	0	0
Differential (high)	NA	0	0.01

Meter Calibration Form

Technician:	Zachary Ankney
Meter Serial #:	1003018
PDA ID:	WM_Tom_Philips2
Meter Date:	7/27/15
Meter Time:	3:40 PM

Sensor	Lot #	Cylinder %	Calibration %
Methane	000000EE2350	0	-0.03
Methane	000000EE2541	48.43	48.49
Oxygen	000000EE2541	0	0.04
Oxygen	000000EE2350	4	3.97
CO2	000000EE2350	0	0
CO2	000000EE2541	34.68	34.35
Available (high)	NA	0	-0.04
Applied (low)	NA	0	0
Applied (high)	NA	0	0.26
Differential (low)	NA	0	0
Differential (high)	NA	0	0

ATTACHMENT D

O & M Report

Monitoring Control and Compliance, Inc.

Green Valley Landfill
GCCS Major Components Checklist

Technician: **Zack Ankney**

Date: **7/2/2015**

Flare Station / Skid Components

Item	Yes	No	Comments
Flare Operating in Automatic Mode	☐	☑	
Blower / flare operating properly	☐	☑	
Autodialer functioning	☐	☑	
VFD vacuum setpoint	In-W.C.	-28	
Motor operating properly	☑	☐	
Plant flow rate	SCFM	700	Flare Flow Rate: 120
Bearings properly lubricated	☑	☐	
Any Unusual Noises at B/F Skid	☐	☑	
Belts / drive correct	☑	☐	
Blower casing drained	☑	☐	
Valves properly positioned	☑	☐	
Chart recorder functioning	☑	☐	
Actuators maintained	☑	☐	
KOP Demister differential pressure	In. W.C	N/A	
Flame arrestor differential pressure	In. W.C	N/A	
Flame arrestor inlet pressure	In. W.C	N/A	
Nitrogen Cylinder Pressure	PSI	N/A	
Propane Cylinder Pressure	%	60	

Air Compressor Components

Item	Yes	No	Comments
Unit Operating in Automatic Mode	☑	☐	Hours: 15806; Temp: 198 F
Compressor Tank Drained	☑	☐	
Filters Clean	☑	☐	
Compressor Tank Pressure	PSI	108	
Compressor Properly Lubricated	☑	☐	
Compressor Belts Worn	☐	☑	
Belts at Proper Tension	☑	☐	

Sumps, Pumps, and Valves

Check sumps and pumps for proper operation. Inspect applicable electrical and pneumatic connections. Check that condensate level in sump is normal. Listen for air leaks and inspect for condensate leaks at pump discharge. Ensure valves are in the proper position. Manually jog or cycle pump on/off as applicable.

Location/Name	Comments
CK-1: 661482	All cycling properly
CK-2: 313481	
CK-3: 273255	
CK-4: 153029	
DL-7: 410086	
Toe Drain: 429777	
CK-H: 8248	

Additional Comments

ATTACHMENT E

Wellfield SOP Summary

Green Valley Landfill
Wellfield SOP Summary
July 2015

Extraction Wells > 58% Methane

Extraction Well ID	Date	Methane %	Extraction Well ID	Date	Methane %
GRNV41R2	7/27/2015 10:27	63.4	GRNVLPW1	7/2/2015 8:21	61
GRNV43R2	7/27/2015 10:24	61.3	GRNVLPW2	7/2/2015 8:11	59.4
GRNV47R2	7/2/2015 9:12	59.3	GRNVLY01	7/27/2015 15:01	61.4
GRNV63R2	7/27/2015 9:36	61.6	GRNVLY02	7/27/2015 15:03	58.7
GRNV64R2	7/27/2015 9:33	58.2	GRNVLY03	7/2/2015 10:30	61.6
GRNVL10R	7/2/2015 13:04	61.7	GRNVLY16	7/27/2015 13:03	60.1
GRNVL13R	7/2/2015 10:52	60	GRNVLY21	7/2/2015 11:08	61.8
GRNVL18R	7/2/2015 12:55	58.1	GRNVLY22	7/27/2015 12:57	61.1
GRNVL26R	7/27/2015 12:22	59.4	GRNVLY23	7/27/2015 13:00	60.8
GRNVL49R	7/2/2015 9:08	61.7	GRNVLY24	7/27/2015 12:18	58.7
GRNVL52R	7/2/2015 8:59	59.4	GRNVLY28	7/2/2015 10:39	60.8
GRNVL54R	7/27/2015 10:46	60.6	GRNVLY30	7/2/2015 10:44	58.8
GRNVL59R	7/27/2015 10:34	62.8	GRNVLY31	7/27/2015 12:39	60.4
GRNVL60R	7/2/2015 8:44	63.3	GRNVLY55	7/2/2015 9:24	61.2
GRNVLHW1	7/2/2015 10:48	59.1	GRNVLY56	7/2/2015 9:15	60.4
GRNVLHW7	7/2/2015 8:16	59.7			

Extraction Wells > 52% Methane

Extraction Well ID	Date	Methane %	Extraction Well ID	Date	Methane %
GRNV17R2	7/2/2015 11:27	54.5	GRNVLPW1	7/2/2015 8:21	61
GRNV27RR	7/2/2015 13:10	57.5	GRNVLPW2	7/2/2015 8:11	59.4
GRNV41R2	7/27/2015 10:27	63.4	GRNVLY01	7/27/2015 15:01	61.4
GRNV43R2	7/27/2015 10:24	61.3	GRNVLY02	7/27/2015 15:03	58.7
GRNV44R2	7/2/2015 9:21	57.3	GRNVLY03	7/2/2015 10:30	61.6
GRNV47R2	7/2/2015 9:12	59.3	GRNVLY12	7/27/2015 12:27	57.8
GRNV50R3	7/2/2015 8:38	52.2	GRNVLY16	7/27/2015 13:03	60.1
GRNV63R2	7/27/2015 9:36	61.6	GRNVLY19	7/27/2015 12:45	56.9
GRNV64R2	7/27/2015 9:33	58.2	GRNVLY20	7/2/2015 11:04	57.7
GRNVL08R	7/2/2015 11:34	52.5	GRNVLY21	7/2/2015 11:08	61.8
GRNVL10R	7/2/2015 13:04	61.7	GRNVLY22	7/27/2015 12:57	61.1
GRNVL13R	7/2/2015 10:52	60	GRNVLY23	7/27/2015 13:00	60.8
GRNVL18R	7/2/2015 12:55	58.1	GRNVLY24	7/27/2015 12:18	58.7
GRNVL26R	7/27/2015 12:22	59.4	GRNVLY25	7/2/2015 13:13	56.1
GRNVL32R	7/2/2015 12:58	57.2	GRNVLY28	7/2/2015 10:39	60.8
GRNVL38R	7/2/2015 13:06	55.6	GRNVLY29	7/27/2015 14:45	57.3
GRNVL49R	7/2/2015 9:08	61.7	GRNVLY30	7/2/2015 10:44	58.8
GRNVL52R	7/2/2015 8:59	59.4	GRNVLY31	7/27/2015 12:39	60.4
GRNVL54R	7/27/2015 10:46	60.6	GRNVLY34	7/2/2015 10:58	57.8
GRNVL59R	7/27/2015 10:34	62.8	GRNVLY35	7/2/2015 12:47	56.9
GRNVL60R	7/2/2015 8:44	63.3	GRNVLY36	7/2/2015 11:31	54
GRNVLHW1	7/2/2015 10:48	59.1	GRNVLY37	7/27/2015 13:08	56.9
GRNVLHW4	7/27/2015 9:44	55.6	GRNVLY55	7/2/2015 9:24	61.2
GRNVLHW5	7/2/2015 8:02	55.7	GRNVLY56	7/2/2015 9:15	60.4
GRNVLHW6	7/27/2015 10:38	56.9	GRNVLY57	7/2/2015 9:04	54.1
GRNVLHW7	7/2/2015 8:16	59.7	GRNVLY58	7/27/2015 10:52	56.3
GRNVLHW8	7/2/2015 8:05	55.5	GRNVLY62	7/2/2015 8:49	55.9

Green Valley Landfill
Wellfield SOP Summary
July 2015

Extraction Wells < 48% Methane

Extraction Well ID	Date	Methane %	Extraction Well ID	Date	Methane %
GRNV65R2	7/15/2015 9:35	2.1	GRNVLHW9	7/27/2015 9:59	31.5
GRNVLHW1	7/27/2015 12:33	29.8	GRNVLY33	7/2/2015 12:51	47.2
GRNVLHW6	7/15/2015 9:38	8.6	GRNVLY61	7/27/2015 10:43	0.6
GRNVLHW8	7/27/2015 9:41	44.2	GRNVLY7R	7/27/2015 13:23	40

Extraction Wells < 5 scfm Flow

Extraction Well ID	Date	Flow scfm	Extraction Well ID	Date	Flow scfm
GRNVLHW6	7/27/2015 10:39	4.74	GRNVLY56	7/27/2015 11:03	0
GRNVLY12	7/27/2015 12:27	0	GRNVLY7R	7/27/2015 13:23	0

Extraction Wells Oxygen > 1%

Extraction Well ID	Date	Oxygen %	Extraction Well ID	Date	Oxygen %
GRNV46R3	7/27/2015 11:06	2.2	GRNVLHW8	7/27/2015 9:41	1.5
GRNV47R2	7/27/2015 11:01	1.9	GRNVLHW9	7/27/2015 10:00	6
GRNV65R2	7/27/2015 9:30	7	GRNVLPW1	7/27/2015 9:57	4
GRNVLHW1	7/27/2015 12:33	2.3	GRNVLY56	7/27/2015 11:03	1.1
GRNVLHW3	7/27/2015 9:51	1.2	GRNVLY57	7/27/2015 10:56	2.3
GRNVLHW5	7/27/2015 9:38	1.1	GRNVLY61	7/27/2015 10:43	20
GRNVLHW6	7/27/2015 10:39	1.8	GRNVLY7R	7/27/2015 13:23	3.9
GRNVLHW7	7/27/2015 9:49	1.9			

Extraction Wells Temperature > 120°F

Extraction Well ID	Date	Temperature degF	Extraction Well ID	Date	Temperature degF
GRNV27RR	7/27/2015 14:50	124.5	GRNVL32R	7/27/2015 13:36	126.2
GRNV64R2	7/27/2015 9:33	121.2	GRNVL38R	7/27/2015 13:41	120.7
GRNVL10R	7/27/2015 13:39	126.3	GRNVLY36	7/27/2015 13:15	126.4

ATTACHMENT F

SSM Reports

Startup/Shutdown/Malfunction Report Form

Monitoring Control and Compliance, Inc.

Landfill: Green Valley **Unit:** Flare

Section 1 - All Events

Type of Event	Military Time Date/Time Start	Military Time Date/Time End	Duration Hours	Event Code (see page 2)	SOP Followed? Yes	SOP Followed? No
Startup	7/14/15 8:31	7/14/15 8:32	0.02	4	☑	☐
Shutdown	7/10/15 11:47	7/10/15 11:50	0.05		☐	☐
Malfunction			0.00	4	Complete section 2 Below	

Date Form Filled Out: 08/07/15 Signature: *Paul D. Flory*

* Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan

** If SOP in SSM Plan was not followed, notify personnel on "Contact List".

Section 2 - Malfunction Events Only

Step	Corrective Action Procedures for All Malfunctions	√ Check one of the following for each step: Procedure Completed	Procedure Not Applicable
1.	Determine if landfill gas is being released to the air (can you smell landfill gas, or measure/detect gas flow?)	☐	☐
2.	If landfill gas is being released to the air, notify personnel on "Contact List".	☐	☐
3.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment, or the landfill gas control equipment.	☐	☐
4.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow.	☐	☐
5.	If control device or other system component is shutdown, follow Shutdown SOP and complete Section 1 0 "Shutdown".	☐	☐
6.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.	☐	☐
7.	If additional personnel needed, notify qualified personnel: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #7.a.	☐	☐
8.	Start malfunction diagnosis.	☐	☐
9.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).	☐	☐
10.	If additional resources needed, contact qualified resource: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #10.a.	☐	☐
11.	Fix the malfunction.	☐	☐
12.	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates in boxes in Section 1 of this form.	☐	☐
13.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	☐	☐
14.	Sign this form and place it in the Start-up, Shutdown, Malfunction file.	☐	☐
15.	If the procedures listed above were not followed, notify personnel on "Contact List".	☐	☐

NOTES: Shutdown of flare to put in bypass to gas plant.

For Start-ups and Shutdowns

Note:

Startup: *The setting in operation of an affected source or portion of an affected source for any purpose.*

Code / Event

- ☐ 1 Maintenance
- ☐ 2 Suspected Collection System Malfunction
- ☐ 3 Suspected Control Device Malfunction
- ☑ **4 Suspected Continuous Monitoring System Malfunction (Temperature/Flow/Other)**
- ☐ 5 Training
- ☐ 6 Gas System Construction/Expansion
- ☐ 7 Suspected Treatment System Malfunction
- ☐ 99 Other (Describe)

For Malfunctions

Notes: **Green Valley** **Flare**

Malfunction: *Any sudden, infrequent and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.*

Code **Event**

- ☐ 10 Automatic shutdown of control device by designed protective systems
- ☐ 11 Auto dialer Callout
- ☐ 12 Shutdown alarms that result in the device not shutting down
- ☐ 13 Unalarmed shutdown
- ☐ 14 Control Device Smoking
- ☐ 15 Inspection identified malfunction
- ☐ 16 Loss of power - utility down
- ☐ 17 Loss of power - unknown
- ☐ 18 Damaged Well, Header, or Lateral Piping
- ☐ 19 Leaks at wellheads, valves, flanges, test ports, seals, couplings, etc.
- ☐ 20 Condensate knock-out problems
- ☐ 21 Collection piping blockages
- ☐ 22 Problems due to settlement
- ☐ 23 Loss of phase
- ☐ 24 Blower overload condition
- ☐ 25 Blower bearing failure
- ☐ 26 Broken belts (if belt-drive) or broken coupling (if direct-drive) in blower
- ☐ 27 Continuous Monitoring System Malfunction - Thermocouple
- ☐ 28 Continuous Monitoring System Malfunction - UV Scanner
- ☐ 29 Continuous Monitoring System Malfunction - Flow Monitor
- ☐ 30 Continuous Monitoring System Malfunction - Flow Recorder
- ☐ 31 Continuous Monitoring System Malfunction - Temperature Recorder
- ☐ 32 Act of God (i.e., lightening, wind, etc.)
- ☐ 99 Other (Describe)

Startup/Shutdown/Malfunction Report Form

Monitoring Control and Compliance, Inc.

Landfill: Green Valley **Unit:** Flare

Section 1 - All Events

Type of Event	Military Time Date/Time Start	Military Time Date/Time End	Duration Hours	Event Code (see page 2)	SOP Followed? Yes	SOP Followed? No
Startup	7/14/15 20:16	7/14/15 20:18	0.03	16	☑	☐
Shutdown			0.00		☐	☐
Malfunction	7/14/15 18:02	7/14/15 20:16	2.23	16	Complete section 2 Below	

Date Form Filled Out: 08/07/15 Signature: *Paul D. Flory*

* Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan

** If SOP in SSM Plan was not followed, notify personnel on "Contact List".

Section 2 - Malfunction Events Only

Step	Corrective Action Procedures for All Malfunctions	√ Check one of the following for each step: Procedure Completed	Procedure Not Applicable
1.	Determine if landfill gas is being released to the air (can you smell landfill gas, or measure/detect gas flow?)	☑	☐
2.	If landfill gas is being released to the air, notify personnel on "Contact List".	☐	☑
3.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment, or the landfill gas control equipment.	☑	☐
4.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow.	☐	☑
5.	If control device or other system component is shutdown, follow Shutdown SOP and complete Section 1 0 "Shutdown".	☑	☐
6.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.	☑	☐
7.	If additional personnel needed, notify qualified personnel: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #7.a.	☐	☑
8.	Start malfunction diagnosis.	☑	☐
9.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).	☑	☐
10.	If additional resources needed, contact qualified resource: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #10.a.	☐	☑
11.	Fix the malfunction.	☑	☐
12.	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates in boxes in Section 1 of this form.	☑	☐
13.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	☑	☐
14.	Sign this form and place it in the Start-up, Shutdown, Malfunction file.	☑	☐
15.	If the procedures listed above were not followed, notify personnel on "Contact List".	☐	☑

NOTES: Loss of power

For Start-ups and Shutdowns

Note:

Startup: *The setting in operation of an affected source or portion of an affected source for any purpose.*

Code / Event

- ☐ 1 Maintenance
- ☐ 2 Suspected Collection System Malfunction
- ☐ 3 Suspected Control Device Malfunction
- ☐ 4 Suspected Continuous Monitoring System Malfunction (Temperature/Flow/Other)
- ☐ 5 Training
- ☐ 6 Gas System Construction/Expansion
- ☐ 7 Suspected Treatment System Malfunction
- ☐ 99 Other (Describe)

For Malfunctions

Notes: **Green Valley** **Flare**

Malfunction: *Any sudden, infrequent and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.*

Code **Event**

- ☐ 10 Automatic shutdown of control device by designed protective systems
- ☐ 11 Auto dialer Callout
- ☐ 12 Shutdown alarms that result in the device not shutting down
- ☐ 13 Unalarmed shutdown
- ☐ 14 Control Device Smoking
- ☐ 15 Inspection identified malfunction
- ☑ **16 Loss of power - utility down**
- ☐ 17 Loss of power - unknown
- ☐ 18 Damaged Well, Header, or Lateral Piping
- ☐ 19 Leaks at wellheads, valves, flanges, test ports, seals, couplings, etc.
- ☐ 20 Condensate knock-out problems
- ☐ 21 Collection piping blockages
- ☐ 22 Problems due to settlement
- ☐ 23 Loss of phase
- ☐ 24 Blower overload condition
- ☐ 25 Blower bearing failure
- ☐ 26 Broken belts (if belt-drive) or broken coupling (if direct-drive) in blower
- ☐ 27 Continuous Monitoring System Malfunction - Thermocouple
- ☐ 28 Continuous Monitoring System Malfunction - UV Scanner
- ☐ 29 Continuous Monitoring System Malfunction - Flow Monitor
- ☐ 30 Continuous Monitoring System Malfunction - Flow Recorder
- ☐ 31 Continuous Monitoring System Malfunction - Temperature Recorder
- ☐ 32 Act of God (i.e., lightening, wind, etc.)
- ☐ 99 Other (Describe)

Startup/Shutdown/Malfunction Report Form

Monitoring Control and Compliance, Inc.

Landfill: Green Valley **Unit:** Flare

Section 1 - All Events

Type of Event	Military Time Date/Time Start	Military Time Date/Time End	Duration Hours	Event Code (see page 2)	SOP Followed? Yes	SOP Followed? No
Startup	7/16/15 11:50	7/16/15 11:52	0.03		☐	☐
Shutdown	7/16/15 10:38	7/16/15 10:40	0.03		☐	☐
Malfunction			0.00		Complete section 2 Below	

Date Form Filled Out: 08/07/15 Signature: *Paul D. Flory*

* Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan

** If SOP in SSM Plan was not followed, notify personnel on "Contact List".

Section 2 - Malfunction Events Only

Step	Corrective Action Procedures for All Malfunctions	√ Check one of the following for each step: Procedure Completed	Procedure Not Applicable
1.	Determine if landfill gas is being released to the air (can you smell landfill gas, or measure/detect gas flow?)	☐	☐
2.	If landfill gas is being released to the air, notify personnel on "Contact List".	☐	☐
3.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment, or the landfill gas control equipment.	☐	☐
4.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow.	☐	☐
5.	If control device or other system component is shutdown, follow Shutdown SOP and complete Section 1 0 "Shutdown".	☐	☐
6.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.	☐	☐
7.	If additional personnel needed, notify qualified personnel: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #7.a.	☐	☐
8.	Start malfunction diagnosis.	☐	☐
9.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).	☐	☐
10.	If additional resources needed, contact qualified resource: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #10.a.	☐	☐
11.	Fix the malfunction.	☐	☐
12.	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates in boxes in Section 1 of this form.	☐	☐
13.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	☐	☐
14.	Sign this form and place it in the Start-up, Shutdown, Malfunction file.	☐	☐
15.	If the procedures listed above were not followed, notify personnel on "Contact List".	☐	☐

NOTES: shutdown to install flow meter

For Start-ups and Shutdowns

Note:

Startup: *The setting in operation of an affected source or portion of an affected source for any purpose.*

Code / Event

- ☑ **1 Maintenance**
- ☐ 2 Suspected Collection System Malfunction
- ☐ 3 Suspected Control Device Malfunction
- ☐ 4 Suspected Continuous Monitoring System Malfunction (Temperature/Flow/Other)
- ☐ 5 Training
- ☐ 6 Gas System Construction/Expansion
- ☐ 7 Suspected Treatment System Malfunction
- ☐ 99 Other (Describe)

For Malfunctions

Notes: **Green Valley** **Flare**

Malfunction: *Any sudden, infrequent and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.*

Code **Event**

- ☐ 10 Automatic shutdown of control device by designed protective systems
- ☐ 11 Auto dialer Callout
- ☐ 12 Shutdown alarms that result in the device not shutting down
- ☐ 13 Unalarmed shutdown
- ☐ 14 Control Device Smoking
- ☐ 15 Inspection identified malfunction
- ☐ 16 Loss of power - utility down
- ☐ 17 Loss of power - unknown
- ☐ 18 Damaged Well, Header, or Lateral Piping
- ☐ 19 Leaks at wellheads, valves, flanges, test ports, seals, couplings, etc.
- ☐ 20 Condensate knock-out problems
- ☐ 21 Collection piping blockages
- ☐ 22 Problems due to settlement
- ☐ 23 Loss of phase
- ☐ 24 Blower overload condition
- ☐ 25 Blower bearing failure
- ☐ 26 Broken belts (if belt-drive) or broken coupling (if direct-drive) in blower
- ☐ 27 Continuous Monitoring System Malfunction - Thermocouple
- ☐ 28 Continuous Monitoring System Malfunction - UV Scanner
- ☐ 29 Continuous Monitoring System Malfunction - Flow Monitor
- ☐ 30 Continuous Monitoring System Malfunction - Flow Recorder
- ☐ 31 Continuous Monitoring System Malfunction - Temperature Recorder
- ☐ 32 Act of God (i.e., lightening, wind, etc.)
- ☐ 99 Other (Describe)

Startup/Shutdown/Malfunction Report Form

Monitoring Control and Compliance, Inc.

Landfill: Green Valley **Unit:** Flare

Section 1 - All Events

Type of Event	Military Time Date/Time Start	Military Time Date/Time End	Duration Hours	Event Code (see page 2)	SOP Followed? Yes	SOP Followed? No
Startup			0.00	4	☑	☐
Shutdown			0.00		☐	☐
Malfunction	7/16/15 11:45	8/1/15 0:00	372.25	4	Complete section 2 Below	

Date Form Filled Out: 08/07/15 Signature: *Paul D. Flory*

* Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan

** If SOP in SSM Plan was not followed, notify personnel on "Contact List".

Section 2 - Malfunction Events Only

Step	Corrective Action Procedures for All Malfunctions	√ Check one of the following for each step: Procedure Completed	Procedure Not Applicable
1.	Determine if landfill gas is being released to the air (can you smell landfill gas, or measure/detect gas flow?)	☑	☐
2.	If landfill gas is being released to the air, notify personnel on "Contact List".	☐	☑
3.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment, or the landfill gas control equipment.	☑	☐
4.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow.	☐	☑
5.	If control device or other system component is shutdown, follow Shutdown SOP and complete Section 1 0 "Shutdown".	☑	☐
6.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.	☑	☐
7.	If additional personnel needed, notify qualified personnel: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #7.a.	☐	☑
8.	Start malfunction diagnosis.	☑	☐
9.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).	☑	☐
10.	If additional resources needed, contact qualified resource: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #10.a.	☐	☑
11.	Fix the malfunction.	☑	☐
12.	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates in boxes in Section 1 of this form.	☑	☐
13.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	☑	☐
14.	Sign this form and place it in the Start-up, Shutdown, Malfunction file.	☑	☐
15.	If the procedures listed above were not followed, notify personnel on "Contact List".	☐	☑

NOTES: Rental flow meter was improperly calibrated. Unit is reading too high.

For Start-ups and Shutdowns

Note:

Startup: *The setting in operation of an affected source or portion of an affected source for any purpose.*

Code / Event

- ☐ 1 Maintenance
- ☐ 2 Suspected Collection System Malfunction
- ☐ 3 Suspected Control Device Malfunction
- ☑ **4 Suspected Continuous Monitoring System Malfunction (Temperature/Flow/Other)**
- ☐ 5 Training
- ☐ 6 Gas System Construction/Expansion
- ☐ 7 Suspected Treatment System Malfunction
- ☐ 99 Other (Describe)

For Malfunctions

Notes: **Green Valley** **Flare**

Malfunction: *Any sudden, infrequent and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.*

Code **Event**

- ☐ 10 Automatic shutdown of control device by designed protective systems
- ☐ 11 Auto dialer Callout
- ☐ 12 Shutdown alarms that result in the device not shutting down
- ☐ 13 Unalarmed shutdown
- ☐ 14 Control Device Smoking
- ☐ 15 Inspection identified malfunction
- ☐ 16 Loss of power - utility down
- ☐ 17 Loss of power - unknown
- ☐ 18 Damaged Well, Header, or Lateral Piping
- ☐ 19 Leaks at wellheads, valves, flanges, test ports, seals, couplings, etc.
- ☐ 20 Condensate knock-out problems
- ☐ 21 Collection piping blockages
- ☐ 22 Problems due to settlement
- ☐ 23 Loss of phase
- ☐ 24 Blower overload condition
- ☐ 25 Blower bearing failure
- ☐ 26 Broken belts (if belt-drive) or broken coupling (if direct-drive) in blower
- ☐ 27 Continuous Monitoring System Malfunction - Thermocouple
- ☐ 28 Continuous Monitoring System Malfunction - UV Scanner
- ☐ 29 Continuous Monitoring System Malfunction - Flow Monitor
- ☐ 30 Continuous Monitoring System Malfunction - Flow Recorder
- ☐ 31 Continuous Monitoring System Malfunction - Temperature Recorder
- ☐ 32 Act of God (i.e., lightening, wind, etc.)
- ☐ 99 Other (Describe)

Startup/Shutdown/Malfunction Report Form

Monitoring Control and Compliance, Inc.

Landfill: Green Valley **Unit:** Flare

Section 1 - All Events

Type of Event	Military Time Date/Time Start	Military Time Date/Time End	Duration Hours	Event Code (see page 2)	SOP Followed? Yes	SOP Followed? No
Startup	7/16/15 11:44	7/16/15 11:45	0.02	4	☑	☐
Shutdown			0.00		☐	☐
Malfunction	7/2/15 15:04	7/16/15 11:44	332.67	4	Complete section 2 Below	

Date Form Filled Out: 08/07/15 Signature: *Paul D. Flory*

* Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan

** If SOP in SSM Plan was not followed, notify personnel on "Contact List".

Section 2 - Malfunction Events Only

Step	Corrective Action Procedures for All Malfunctions	√ Check one of the following for each step: Procedure Completed	Procedure Not Applicable
1.	Determine if landfill gas is being released to the air (can you smell landfill gas, or measure/detect gas flow?)	☑	☐
2.	If landfill gas is being released to the air, notify personnel on "Contact List".	☐	☑
3.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment, or the landfill gas control equipment.	☑	☐
4.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow.	☐	☑
5.	If control device or other system component is shutdown, follow Shutdown SOP and complete Section 1 0 "Shutdown".	☑	☐
6.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.	☑	☐
7.	If additional personnel needed, notify qualified personnel: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #7.a.	☐	☑
8.	Start malfunction diagnosis.	☑	☐
9.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).	☑	☐
10.	If additional resources needed, contact qualified resource: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #10.a.	☐	☑
11.	Fix the malfunction.	☑	☐
12.	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates in boxes in Section 1 of this form.	☑	☐
13.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	☑	☐
14.	Sign this form and place it in the Start-up, Shutdown, Malfunction file.	☑	☐
15.	If the procedures listed above were not followed, notify personnel on "Contact List".	☐	☑

NOTES: Flow meter quit reading. Rental flow meter was installed.

For Start-ups and Shutdowns

Note:

Startup: *The setting in operation of an affected source or portion of an affected source for any purpose.*

Code / Event

- ☐ 1 Maintenance
- ☐ 2 Suspected Collection System Malfunction
- ☐ 3 Suspected Control Device Malfunction
- ☑ **4 Suspected Continuous Monitoring System Malfunction (Temperature/Flow/Other)**
- ☐ 5 Training
- ☐ 6 Gas System Construction/Expansion
- ☐ 7 Suspected Treatment System Malfunction
- ☐ 99 Other (Describe)

For Malfunctions

Notes: **Green Valley** **Flare**

Malfunction: *Any sudden, infrequent and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.*

	Code	Event
☐	10	Automatic shutdown of control device by designed protective systems
☐	11	Auto dialer Callout
☐	12	Shutdown alarms that result in the device not shutting down
☐	13	Unalarmed shutdown
☐	14	Control Device Smoking
☐	15	Inspection identified malfunction
☐	16	Loss of power - utility down
☐	17	Loss of power - unknown
☐	18	Damaged Well, Header, or Lateral Piping
☐	19	Leaks at wellheads, valves, flanges, test ports, seals, couplings, etc.
☐	20	Condensate knock-out problems
☐	21	Collection piping blockages
☐	22	Problems due to settlement
☐	23	Loss of phase
☐	24	Blower overload condition
☐	25	Blower bearing failure
☐	26	Broken belts (if belt-drive) or broken coupling (if direct-drive) in blower
☐	27	Continuous Monitoring System Malfunction - Thermocouple
☐	28	Continuous Monitoring System Malfunction - UV Scanner
☐	29	Continuous Monitoring System Malfunction - Flow Monitor
☐	30	Continuous Monitoring System Malfunction - Flow Recorder
☐	31	Continuous Monitoring System Malfunction - Temperature Recorder
☐	32	Act of God (i.e., lightening, wind, etc.)
☐	99	Other (Describe)

Startup/Shutdown/Malfunction Report Form

Monitoring Control and Compliance, Inc.

Landfill: Green Valley **Unit:** Flare

Section 1 - All Events

Type of Event	Military Time Date/Time Start	Military Time Date/Time End	Duration Hours	Event Code (see page 2)	SOP Followed? Yes	SOP Followed? No
Startup	7/23/15 22:32	7/23/15 22:33	0.02	17	☑	☐
Shutdown			0.00		☐	☐
Malfunction	7/23/15 20:23	7/23/15 22:32	2.15	17	Complete section 2 Below	

Date Form Filled Out: 08/07/15 Signature: *Paul D. Flory*

* Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan

** If SOP in SSM Plan was not followed, notify personnel on "Contact List".

Section 2 - Malfunction Events Only

Step	Corrective Action Procedures for All Malfunctions	√ Check one of the following for each step: Procedure Completed	Procedure Not Applicable
1.	Determine if landfill gas is being released to the air (can you smell landfill gas, or measure/detect gas flow?)	☑	☐
2.	If landfill gas is being released to the air, notify personnel on "Contact List".	☐	☑
3.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment, or the landfill gas control equipment.	☑	☐
4.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow.	☐	☑
5.	If control device or other system component is shutdown, follow Shutdown SOP and complete Section 1 0 "Shutdown".	☑	☐
6.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.	☑	☐
7.	If additional personnel needed, notify qualified personnel: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #7.a.	☐	☑
8.	Start malfunction diagnosis.	☑	☐
9.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).	☑	☐
10.	If additional resources needed, contact qualified resource: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #10.a.	☐	☑
11.	Fix the malfunction.	☑	☐
12.	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates in boxes in Section 1 of this form.	☑	☐
13.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	☑	☐
14.	Sign this form and place it in the Start-up, Shutdown, Malfunction file.	☑	☐
15.	If the procedures listed above were not followed, notify personnel on "Contact List".	☐	☑

NOTES: Loss of power

For Start-ups and Shutdowns

Note:

Startup: *The setting in operation of an affected source or portion of an affected source for any purpose.*

Code / Event

- ☐ 1 Maintenance
- ☐ 2 Suspected Collection System Malfunction
- ☐ 3 Suspected Control Device Malfunction
- ☐ 4 Suspected Continuous Monitoring System Malfunction (Temperature/Flow/Other)
- ☐ 5 Training
- ☐ 6 Gas System Construction/Expansion
- ☐ 7 Suspected Treatment System Malfunction
- ☐ 99 Other (Describe)

For Malfunctions

Notes: **Green Valley** **Flare**

Malfunction: *Any sudden, infrequent and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.*

Code **Event**

- ☐ 10 Automatic shutdown of control device by designed protective systems
- ☐ 11 Auto dialer Callout
- ☐ 12 Shutdown alarms that result in the device not shutting down
- ☐ 13 Unalarmed shutdown
- ☐ 14 Control Device Smoking
- ☐ 15 Inspection identified malfunction
- ☐ 16 Loss of power - utility down
- ☑ **17 Loss of power - unknown**
- ☐ 18 Damaged Well, Header, or Lateral Piping
- ☐ 19 Leaks at wellheads, valves, flanges, test ports, seals, couplings, etc.
- ☐ 20 Condensate knock-out problems
- ☐ 21 Collection piping blockages
- ☐ 22 Problems due to settlement
- ☐ 23 Loss of phase
- ☐ 24 Blower overload condition
- ☐ 25 Blower bearing failure
- ☐ 26 Broken belts (if belt-drive) or broken coupling (if direct-drive) in blower
- ☐ 27 Continuous Monitoring System Malfunction - Thermocouple
- ☐ 28 Continuous Monitoring System Malfunction - UV Scanner
- ☐ 29 Continuous Monitoring System Malfunction - Flow Monitor
- ☐ 30 Continuous Monitoring System Malfunction - Flow Recorder
- ☐ 31 Continuous Monitoring System Malfunction - Temperature Recorder
- ☐ 32 Act of God (i.e., lightening, wind, etc.)
- ☐ 99 Other (Describe)

ATTACHMENT G

Pump Count Table

Technician: Paul Flory/Zack Ankney
Date: 2015

GREEN VALLEY PUMP COUNTER INFORMATION

Pumps	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
DL-7	354574	360751	361330	375275	383160	393800	401398	410086					
DL-8	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed					
CK-1	587085	597136	607640	616958	625426	637105	649674	661482					
CK-2	267063	271873	275462	279617	283847	292388	301210	313481					
CK-3	134655	156625	177239	191461	208380	234365	254295	273255					
CK-4	112614	117128	117185	123617	139015	147687	149325	153029					
CK-H	72953	190722	235250	400956	595941	920787	954053	8248					
Toe Drain	574542	600997	601004	734031	909569	316960	416,494	429777					
Rock Sump							205	No Counter					
GRNVLPW1	13506	13510	13510	27866	32348	44690	52,359	52422					
GRNVLPW2	20067	20067	20074	23313	42302	50415	55,176	154692					
RS1	332	341	341	1082	1082	1096	1,096	6386					
RS2	1554	1557	1557	1557	1557	1557	1,560	1560					
GRNVLY04	295052	DECOM	DECOM	DECOM	DECOM	DECOM	DECOM	DECOM					
GRNVLY7R	193730	213038	224133	296710	319138	379659	424078	452974					
GRNVL08R	70471	71211	71737	73640	74385	76129	77001	78284					
GRNVL10R	608	608	608	608	608	612	612	612					
GRNVL13R	153277	155525	157755	161294	161477	167527	169786	176485					
GRNVL18R	295	295	295	295	295	295	297	304					
GRNVLY21	70	70	70	96	96	96	363	713					
GRNVLY23	204	204	204	204	204	204	204	217					
GRNVLY25	201803	204096	205063	213931	218863	229204	236186	242506					
GRNVL26R	156954	156954	156954	156954	156954	156954	156954	156964					
GRNV27RR	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed					
GRNVLY28	85378	89133	91130	105270	110591	123147	129679	140034					
GRNVLY29	120186	120186	120186	120186	120186	120201	120201	120201					
GRNVL32R	844703	845294	845294	845294	845294	845294	845294	845294					
GRNVLY35	19652	19652	19652	19654	19654	19654	19654	19654					
GRNVL38R	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed					
GRNVL41R	98744	98756	98773	98796	98796	Removed	Removed	Removed					
GRNV41R2							19073	33906					
GRNV43R2							53872	104678					
GRNV44R2							260	263					
GRNV46R3							961	3133					
GRNV47R2							168601	371653					
GRNVL49R	5411	9296	9793	13623	16959	22432	33352	52832					
GRNVL52R	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed					
GRNVL54R	472803	495387	497012	510382	5993	43275	43275	43275					
GRNVLY55	2053	2179	7651	7663	7663	7663	8091	8541					
GRNVLY56	59805	60609	62086	64382	65012	65991	91165	104095					
GRNVLY57	11721	12209	12424	13518	13845	14639	15148	324727					
GRNVLY58	303	303	306	2172	2950	3625	3636	4159					
GRNVL59R	116803	120409	121569	122299	123412	127113	130646	135990					
GRNVL60R	240	241	241	251	251	251	22176	123734					
GRNVLY61	873205	873205	873210	885153	885153	Too tall	Too tall	906899					
GRNVLY62	45950	46121	29979	46131	46131	46139	122871	146179					
GRNVL63R2							13285	77128					
GRNV64R2	816335	13323	299791	300866	313659	366641	398934	472746					

ATTACHMENT H

Cover Integrity Inspection

Monthly Cover Integrity Inspection
Surface Monitoring Design Plan

LANDFILL: Green Valley - 2015

Monitoring Control and Compliance, Inc.

Month	Cover integrity problems found during the inspection	Date Site Notified MCC/Republic Initials	Date Repairs Made Republic Initials	Site Remediation
January 2015	Distressed vegetation on Unit I near EW17R2. Site is addressing erosion and seeps on Unit II. There is additional cover on the top deck and north slope. North slope, south slope and top deck have been seeded. Erosion rills on Unit I between EW17R2 and EW36. Minor odors in the area between EW41R and EW43R and near EW47R. Erosion patterns forming in recent construction area near HW6 remote. Erosion patterns near RS1 and RS2.	1/22/2015 ZA		
February 2015	Distressed vegetation on Unit I near EW17R2. Site is addressing erosion and seeps on Unit II. There is additional cover on the top deck and North slope. North slope, south slope and top deck have been seeded. Erosion rills on Unit I between EW17R2 and EW36. Minor odors in the area between EW41R and EW43R and near EW47R. Erosion patterns forming in recent construction area near HW6 remote. Erosion patterns near RS1 and RS2. Leachate seep near toe drain on Unit I.	2/3/2015 ZA		
March 2015	Distressed vegetation on Unit I near EW17R2. Site is addressing erosion and seeps on Unit II. There is additional cover on the top deck and North slope. North slope, south slope and top deck have been seeded. Erosion rills on Unit I between EW17R2 and EW36. Minor odors in the area between EW41R and EW43R and near EW47R. Erosion patterns forming in recent construction area near HW6 remote have been addressed. Erosion patterns near RS1 and RS2. Leachate seep near toe drain on Unit I. North slope of Unit II was snow covered during inspection.	3/3/2015 ZA		
April 2015	Distressed vegetation and leachate seep on Unit I near EW17R2. Soft spot between EW17R2 and EW36. Site is addressing erosion and seeps on Unit II. There is additional cover on the top deck and North slope. North slope, south slope and top deck have been seeded. Erosion rills on Unit I between EW17R2 and EW36. Minor odors in the area between EW41R and EW43R and near EW47R. Erosion patterns forming in recent construction area near HW6 remote have been addressed. Erosion patterns near RS1 and RS2. Leachate seep near toe drain on Unit I. Leachate seeps forming on North slope of Unit II near HW5 remote and between PW2 and HW3.	4/2/2015 ZA		
May 2015	Distressed vegetation and leachate seep on Unit I near EW17R2. Soft spot between EW17R2 and EW36. Site is addressing erosion and seeps on Unit II. North slope has been completely regraded and looks great. Some lingering leachate stains near HW5, RS1, and RS2. Erosion rills on Unit I between EW17R2 and EW36. Leachate seep near toe drain on Unit I.	5/5/2015 ZA		
June 2015	Distressed vegetation and leachate seep on Unit I near EW17R2. Soft spot between EW17R2 and EW36. Site is addressing erosion and seeps on Unit II. North slope has been completely regraded and looks great. Some lingering leachate stains near HW5, RS1, and RS2. Erosion rills on Unit I between EW17R2 and EW36. Leachate seep near toe drain on Unit I.	6/1/2015 ZA		
July 2015	Distressed vegetation and leachate seep on Unit I near EW17R2. Soft spot between EW17R2 and EW36. Site is addressing erosion and seeps on Unit II. North slope has been completely regraded and looks great. Some lingering leachate stains near HW5, RS1, and RS2. Minor gas seeps between HW5 and HW7. Erosion rills on Unit I between EW17R2 and EW36. Erosion rills forming in the bottom third of North slope of Unit II most likely due to severity of grade.	7/2/2015 ZA		
August 2015				
September 2015				
October 2015				
November 2015				
December 2015				

ATTACHMENT I

Additional Miscellaneous Information

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: EW57

Site Information

Technician	Doug Owens/Toby Thompson
Date	7/6/2015
Site	Green Valley
Pump Type	AP4 Plus
Pump ID	4-9557
Tri-Tubing Diameter	N/A
Well Diameter	6"
Well Construction	HDPE
Depth to Liquid (ft)	2
Well Depth (ft)	49
Drill log Depth (ft)	N/A
Pump Set Depth (ft)	47.6
Pump Operational	Yes

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments	
Counter	X		Count:	15421
Wellhead with compression fittings	X			
Hoses	X			
Hose Barbs	X			
Clamps	X			
Quick Connect Fittings	X			
Regulator	X		Setpoint (psi):	110
Regulator Particulat Filter	X			
Condensation Trap	X			
Air Line PSI	X		PSI	110
FM Pressure	N/A		PSI	N/A

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Changed out the pump.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: EW60R

Site Information

Technician	Doug Owens/Toby Thompson
Date	7/6/2015
Site	Green Valley
Pump Type	AP4 Plus
Pump ID	Non Readable
Tri-Tubing Diameter	N/A
Well Diameter	6"
Well Construction	HDPE
Depth to Liquid (ft)	48
Well Depth (ft)	83
Drill log Depth (ft)	N/A
Pump Set Depth (ft)	79.3
Pump Operational	Yes

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments	
Counter	X		Count:	123734
Wellhead with compression fittings	X			
Hoses	X			
Hose Barbs	X			
Clamps	X			
Quick Connect Fittings	X			
Regulator		X	Setpoint (psi):	N/A
Regulator Particulat Filter		X		
Condensation Trap		X		
Air Line PSI	X		PSI	110
FM Pressure	N/A		PSI	N/A

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Changed out pump.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: EW64R2

Site Information

Technician	Doug Owens/Toby Thompson
Date	7/6/2015
Site	Green Valley
Pump Type	AP4 Plus
Pump ID	4-5471
Tri-Tubing Diameter	N/A
Well Diameter	6"
Well Construction	HDPE
Depth to Liquid (ft)	27
Well Depth (ft)	49.2
Drill log Depth (ft)	N/A
Pump Set Depth (ft)	64
Pump Operational	Yes

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments
Counter	X		Count: 435742
Wellhead with compression fittings	X		
Hoses	X		
Hose Barbs	X		
Clamps	X		
Quick Connect Fittings	X		
Regulator	X		Setpoint (psi): 90
Regulator Particulat Filter	X		
Condensation Trap	X		
Air Line PSI	X		PSI 110
FM Pressure	N/A		PSI N/A

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Changed out the pump.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: EW13R

Site Information

Technician	Doug Owens/Toby Thompson
Date	7/6/2015
Site	Green Valley
Pump Type	AP4 Plus
Pump ID	4-3723
Tri-Tubing Diameter	N/A
Well Diameter	6"
Well Construction	HDPE
Depth to Liquid (ft)	29
Well Depth (ft)	54.3
Drill log Depth (ft)	N/A
Pump Set Depth (ft)	53.8
Pump Operational	Yes

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments	
Counter	X		Count:	171942
Wellhead with compression fittings	X			
Hoses	X			
Hose Barbs	X			
Clamps	X			
Quick Connect Fittings	X			
Regulator	X		Setpoint (psi):	90
Regulator Particulat Filter	X			
Condensation Trap	X			
Air Line PSI	X		PSI	110
FM Pressure	N/A		PSI	N/A

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Changed out the pump.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: EW26R

Site Information

Technician	Doug Owens/Toby Thompson
Date	7/6/2015
Site	Green Valley
Pump Type	AP4 Plus
Pump ID	4-3366
Tri-Tubing Diameter	N/A
Well Diameter	6"
Well Construction	HDPE
Depth to Liquid (ft)	26
Well Depth (ft)	40
Drill log Depth (ft)	N/A
Pump Set Depth (ft)	48
Pump Operational	Yes

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments	
Counter	X		Count:	156954
Wellhead with compression fittings	X			
Hoses	X			
Hose Barbs	X			
Clamps	X			
Quick Connect Fittings	X			
Regulator	X		Setpoint (psi):	80
Regulator Particulat Filter	X			
Condensation Trap	X			
Air Line PSI	X		PSI	110
FM Pressure	N/A		PSI	N/A

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Changed out pump. Air hose has cut at the fitting.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: EW7R

Site Information

Technician	Doug Owens/Toby Thompson
Date	7/6/2015
Site	Green Valley
Pump Type	AP4 Plus
Pump ID	4-3473
Tri-Tubing Diameter	N/A
Well Diameter	6"
Well Construction	HDPE
Depth to Liquid (ft)	54
Well Depth (ft)	200ft +
Drill log Depth (ft)	N/A
Pump Set Depth (ft)	79.4
Pump Operational	No

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments
Counter	X		Count: 452954
Wellhead with compression fittings	X		
Hoses	X		
Hose Barbs	X		
Clamps	X		
Quick Connect Fittings	X		
Regulator	X		Setpoint (psi): 80
Regulator Particulat Filter	X		
Condensation Trap	X		
Air Line PSI	X		PSI 110
FM Pressure	N/A		PSI N/A

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Changed out the pump.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: EW35

Site Information

Technician	Doug Owens/Toby Thompson
Date	7/6/2015
Site	Green Valley
Pump Type	AP4 Plus
Pump ID	4-3412
Tri-Tubing Diameter	N/A
Well Diameter	8"
Well Construction	PVC
Depth to Liquid (ft)	20
Well Depth (ft)	91
Drill log Depth (ft)	N/A
Pump Set Depth (ft)	88.5
Pump Operational	Yes

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments
Counter		X	Count: 19654
Wellhead with compression fittings	X		
Hoses	X		
Hose Barbs	X		
Clamps	X		
Quick Connect Fittings	X		
Regulator	X		Setpoint (psi): 90
Regulator Particulat Filter	X		
Condensation Trap	X		
Air Line PSI	X		PSI 110
FM Pressure	N/A		PSI N/A

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Changed out pumps. Pump counter is broken.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: EW8R

Site Information

Technician	Doug Owens/Toby Thompson
Date	7/6/2015
Site	Green Valley
Pump Type	AP4
Pump ID	3-24541S
Tri-Tubing Diameter	N/A
Well Diameter	6"
Well Construction	HDPE
Depth to Liquid (ft)	6
Well Depth (ft)	63.8
Drill log Depth (ft)	N/A
Pump Set Depth (ft)	60.7
Pump Operational	Yes

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments	
Counter		X	Count:	77563
Wellhead with compression fittings	X			
Hoses	X			
Hose Barbs	X			
Clamps	X			
Quick Connect Fittings	X			
Regulator	X		Setpoint (psi):	90
Regulator Particulat Filter	X			
Condensation Trap	X			
Air Line PSI	X		PSI	110
FM Pressure	N/A		PSI	N/A

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Pulled pump cleaned and reinstalled.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: EW21

Site Information

Technician	Doug Owens/Toby Thompson
Date	7/7/2015
Site	Green Valley
Pump Type	AP4
Pump ID	3-24538S
Tri-Tubing Diameter	N/A
Well Diameter	8"
Well Construction	PVC
Depth to Liquid (ft)	0
Well Depth (ft)	74.11
Drill log Depth (ft)	N/A
Pump Set Depth (ft)	64.6
Pump Operational	Yes

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments	
Counter		X	Count:	705
Wellhead with compression fittings	X			
Hoses	X			
Hose Barbs	X			
Clamps	X			
Quick Connect Fittings	X			
Regulator	X		Setpoint (psi):	90
Regulator Particulat Filter	X			
Condensation Trap	X			
Air Line PSI	X		PSI	110
FM Pressure	N/A		PSI	N/A

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Changed out pump, pump counter cleaned but still does not work.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: EW18R

Site Information

Technician	Doug Owens/Toby Thompson
Date	7/6/2015
Site	Green Valley
Pump Type	AP 4 Plus
Pump ID	4-1657
Tri-Tubing Diameter	N/A
Well Diameter	6"
Well Construction	HDPE
Depth to Liquid (ft)	0
Well Depth (ft)	43.7
Drill log Depth (ft)	N/A
Pump Set Depth (ft)	41.7
Pump Operational	Yes

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments	
Counter	X		Count:	298
Wellhead with compression fittings	X			
Hoses	X			
Hose Barbs	X			
Clamps	X			
Quick Connect Fittings	X			
Regulator	X		Setpoint (psi):	80
Regulator Particulat Filter	X			
Condensation Trap	X			
Air Line PSI	X		PSI	110
FM Pressure	N/A		PSI	N/A

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Changed out pump. Well was pumped down.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: EW21

Site Information

Technician	Doug Owens/Toby Thompson
Date	7/7/2015
Site	Green Valley
Pump Type	AP4
Pump ID	3-24538S
Tri-Tubing Diameter	N/A
Well Diameter	8"
Well Construction	PVC
Depth to Liquid (ft)	0
Well Depth (ft)	74.11
Drill log Depth (ft)	N/A
Pump Set Depth (ft)	64.6
Pump Operational	Yes

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments	
Counter		X	Count:	705
Wellhead with compression fittings	X			
Hoses	X			
Hose Barbs	X			
Clamps	X			
Quick Connect Fittings	X			
Regulator	X		Setpoint (psi):	90
Regulator Particulat Filter	X			
Condensation Trap	X			
Air Line PSI	X		PSI	110
FM Pressure	N/A		PSI	N/A

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Changed out pump, pump counter cleaned but still does not work.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: EW23

Site Information

Technician	Doug Owens/Toby Thompson
Date	7/7/2015
Site	Green Valley
Pump Type	AP4
Pump ID	3-24543S
Tri-Tubing Diameter	N/A
Well Diameter	8"
Well Construction	PVC
Depth to Liquid (ft)	29
Well Depth (ft)	59.3
Drill log Depth (ft)	N/A
Pump Set Depth (ft)	57
Pump Operational	No

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments
Counter	X		Count: 204
Wellhead with compression fittings	X		
Hoses	X		
Hose Barbs	X		
Clamps	X		
Quick Connect Fittings	X		
Regulator		X	Setpoint (psi): 0
Regulator Particulat Filter	X		
Condensation Trap	X		
Air Line PSI	X		PSI 110
FM Pressure	N/A		PSI N/A

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Cleaned pump and reinstalled, regulator broken.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: EW25

Site Information

Technician	Doug Owens/Toby Thompson
Date	7/7/2015
Site	Green Valley
Pump Type	AP 4 Plus
Pump ID	4-3791
Tri-Tubing Diameter	N/A
Well Diameter	8"
Well Construction	PVC
Depth to Liquid (ft)	38
Well Depth (ft)	94.4
Drill log Depth (ft)	N/A
Pump Set Depth (ft)	85.2
Pump Operational	Yes

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments
Counter	X		Count: 240784
Wellhead with compression fittings	X		
Hoses	X		
Hose Barbs	X		
Clamps	X		
Quick Connect Fittings	X		
Regulator	X		Setpoint (psi): 83
Regulator Particulat Filter	X		
Condensation Trap	X		
Air Line PSI	X		PSI 110
FM Pressure	N/A		PSI N/A

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Changed out pump.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: 59R

Site Information

Technician	Zack Ankney
Date	7/15/15
Site	Green Valley
Pump Type	AP4+
Pump ID	S/N: 4-3357
Tri-Tubing Diameter	3/4"
Well Diameter	6
Well Construction	HDPE
Depth to Liquid (ft)	63.4
Well Depth (ft)	74.2
Drill log Depth (ft)	
Pump Set Depth (ft)	71.5
Pump Operational	Yes

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments
Counter	x		Count: 132057
Wellhead with compression fittings	x		
Hoses	x		
Hose Barbs	x		
Clamps	x		
Quick Connect Fittings	x		
Regulator	x		Setpoint (psi): 83
Regulator Particulat Filter	x		
Condensation Trap	x		
Air Line PSI			PSI
FM Pressure			PSI

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Pulled, inspected, and cleaned pump. Extensively cleaned. Cycling properly.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: 58

Site Information

Technician	Zack Ankney
Date	7/15/15
Site	Green Valley
Pump Type	AP4+
Pump ID	S/N: 4-9633
Tri-Tubing Diameter	3/4"
Well Diameter	6
Well Construction	HDPE
Depth to Liquid (ft)	41.5
Well Depth (ft)	49.8
Drill log Depth (ft)	
Pump Set Depth (ft)	46.2
Pump Operational	Yes

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments
Counter	x		Count: 3636
Wellhead with compression fittings	x		
Hoses	x		
Hose Barbs	x		
Clamps	x		
Quick Connect Fittings	x		
Regulator	x		Setpoint (psi): 96
Regulator Particulat Filter	x		
Condensation Trap	x		
Air Line PSI			PSI
FM Pressure			PSI

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Pulled, inspected, and cleaned pump. Cycling properly.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: 43R2

Site Information

Technician	Zack Ankney
Date	7/15/15
Site	Green Valley
Pump Type	AP4+
Pump ID	S/N: 4-15235
Tri-Tubing Diameter	3/4"
Well Diameter	8
Well Construction	PVC
Depth to Liquid (ft)	46.4
Well Depth (ft)	51.2
Drill log Depth (ft)	
Pump Set Depth (ft)	50.1
Pump Operational	Yes

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments
Counter	x		Count: 92208
Wellhead with compression fittings	x		
Hoses	x		
Hose Barbs	x		
Clamps	x		
Quick Connect Fittings	x		
Regulator	x		Setpoint (psi): 91
Regulator Particulat Filter	x		
Condensation Trap	x		
Air Line PSI			PSI
FM Pressure			PSI

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Pulled, inspected, and cleaned pump. Cycling properly.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: 41R2

Site Information

Technician	Zack Ankney
Date	7/15/15
Site	Green Valley
Pump Type	AP4+
Pump ID	S/N: 4-15234
Tri-Tubing Diameter	3/4"
Well Diameter	8
Well Construction	PVC
Depth to Liquid (ft)	53.5
Well Depth (ft)	58.7
Drill log Depth (ft)	
Pump Set Depth (ft)	56.8
Pump Operational	Yes

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments
Counter	x		Count: 30012
Wellhead with compression fittings	x		
Hoses	x		
Hose Barbs	x		
Clamps	x		
Quick Connect Fittings	x		
Regulator	x		Setpoint (psi): 96
Regulator Particulat Filter	x		
Condensation Trap	x		
Air Line PSI			PSI
FM Pressure			PSI

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Pulled, inspected, and cleaned pump. Cycling properly.

Parts Required for Repair/Replacement

Green Valley Landfill
Over 58% Methane Table
July 2015

Well ID	1/8/15	1/22/15	2/3/15	2/17/15	3/3/15	3/18/15	4/2/15	4/17/15	5/5/15	5/20/15	6/1/15	6/16/15	7/2/15	7/27/15	Field Comment	Suggested fix
GRNV17R2		59.6				59.5										
GRNV27RR					61.8											Additonal Tuning
GRNV50R3						58										
GRNV64R2		59.4				58.9		58.9	59.1						max applied	
GRNV65R2	59.5		60.5			61.4									Previously out of compliance for O2	Additonal Tuning
GRNVL08R					58.3											Additonal Tuning
GRNVL10R					63.5						63.2	62.4	61.7			Additonal Tuning
GRNVL13R		58	61.8	61.1		60.4				63.2	58.5		60	59.1	Pump has been repaired	Additional tuning
GRNVL18R						58.4							58.1			Additional tuning
GRNVL26R						58.4								59.4	Max applied	
GRNVL38R					67.2											Additonal Tuning
~~GRNVL41R~~			~~61.7~~		~~64.1~~	~~62.1~~		~~63~~							~~DECOMMISSIONED~~	~~DECOMMISSIONED~~
GRNV41R2										61	61.4	63.3	63.1	63.4	New install	Additional Tuning
GRNV43R2										61.7	61.6	60.5	61.2	61.3	New install	Additional Tuning
GRNV44R2										60.9	60.4	58.2			New install, pump stalled due to FM pressure	Jet FM
GRNV46R3										60.6					pump stalled due to FM pressure	Jet FM
~~GRNVL47R~~					~~61.1~~				~~58.8~~						~~DECOMMISSIONED~~	~~DECOMMISSIONED~~
GRNV47R2										62.5	61.7	59.1	59.3		New install	Additional tuning
GRNVL49R	62.2		58.4		62.2	61.1		62.1		62.5	63	61	61.7	61.3	FM Restricted	Jetting or Jumper Line
GRNVL52R			58.2		62.3	63.3		63.7	63.1	61.5	60.3	60.2	59.4	58.8	Max applied	Pump stuck in well
GRNVL54R					63.9	66							58.8	60.6	Max applied	Additonal Tuning
GRNVL59R											62.6	60.7	61.8	62.8	Max applied	
GRNVL60R		61.2									59.3	61.8	63.3		was positive pressure	Additonal Tuning
GRNV63R2										59.9	61.1	61.5	61.3	61.6	New install	Additonal Tuning
GRNV64R2										60.1				58.2	max applied	
GRNVCO02							58.7								Max applied	
GRNVLHW1			64.1					65.8					59.1		Burp variance	Additonal Tuning
GRNVLHW3					61.8			63.9								Additonal Tuning
GRNVLHW4								62.6								Additonal Tuning
GRNVLHW5	63.2				62			61	60.2							Additonal Tuning
GRNVLHW6		59	59.4			62.9	59.2	62								Additonal Tuning
GRNVLHW7			60.2					60.5					59.7			Additonal Tuning
GRNVLHW8			59.9					59.7								Additonal Tuning
GRNVLHW9										60.9					New install	
GRNVLPW1					61	61.5		61.4		60.7			61		max applied	Pump stuck in well
GRNVLPW2			59.5		58.6		60.1	59	59.1				59.4		Max applied	Pump stuck in well
GRNVLY01					60.1	61.7	59.5							61.4	max applied	Additonal Tuning
GRNVLY02					62.5	61.3								58.7	max applied	Additonal Tuning
GRNVLY03	59.6	60.7			61.9	61.8	61.8	62.1	62.2	59.3			61.6	60.3	Max applied	
GRNVLY12			58.7			58.7		60.2							Max applied	
GRNVLY16		62.1				61			60.6					60.1	Max applied	
GRNVLY19						61										
GRNVLY20						60.2										
GRNVLY21						61.2		61.4	61.2	59.8	60.5	59.6	61.8	60.8	Max applied	
GRNVLY22		62.1				62.6	60.6	62.7	62.1	58.8				61.1	Max applied	
GRNVLY23					58.7	59.2	58.9	59	59.8					60.8		Additional tuning

Green Valley Landfill
Over 58% Methane Table
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GRNVLY24												58.7			Additional tuning
GRNVLY25						60									
GRNVLY28						59.3		60.7	60.6	60.1			60.8	59.5	Additonal Tuning
GRNVLY30			61.6			59		62.9					58.8		Additonal Tuning
GRNVLY31						59.1							59.8	60.4	Additonal Tuning
GRNVLY34						59.8									
GRNVLY35					59.3										Additonal Tuning
GRNVLY36						58.8									
GRNVLY37					58.7	64.3									Additonal Tuning
GRNVLY55	58.3				62.7	60.7		62.3	62.2	61.6	61.4	60.7	61.2	59.6	Force main restricted	Jetting or Jumper Line
GRNVLY56					58	59.7							60.4		Max applied	
GRNVLY57					60.5	59.9		59.5							Max applied	
GRNVLY58					59.5	59.8		61.1								Additonal Tuning
GRNVLY61							68.6		59.5	63.8		62.6			Was out for O2 last round, FM pressure	Jet FM
GRNVLY62						60.2					58.3	59.1			was positive pressure	

Total wells 58%	5	8	12	1	23	35	8	23	13	18	14	14	23	21
Monitoring points	63	63	63	63	63	63	63	63	63	63	64	64	64	64
Percentage	7.94%	12.70%	19.05%	1.59%	36.51%	55.56%	12.70%	36.51%	20.63%	28.57%	21.88%	21.88%	35.94%	32.81%

	January	February	March	April	May	June	July
Month Total	12	12	44	26	24	15	31
	19.05%	19.05%	69.84%	41.27%	38.10%	23.44%	48.44%

LFG Extraction Well Liquid Levels
Site Name: Green Valley

JULY 2015

Well ID	Well ID (GEM/ Envision ID)	Date of Reading	Ground Surface Elevation at time of Liquid Level Measurement (ft)	TOC to Ground Surface (Measured in Field) (ft)	TOC to Liquid (ft)	TOC to bottom of well or obstruction (ft)	Pump Installed?	TOC to top of Pump (ft)	Pump Cycle Count	Comments
GRNVLY7R	GRNVLY7R	7/6/15		4.5	54	200	Y		452954	Changed out the pump.
GRNVL08R	GRNVL08R	7/6/15		4	6	63.8	Y		77563	Pulled pump, cleaned, and reinstalled.
GRNVL13R	GRNVL13R	7/6/15		3.5	29	54.3	Y		171942	Changed out pump.
GRNVL18R	GRNVL18R	7/6/15		5.5		43.7	Y		298	Changed out pump. Well was pumped down.
GRNVLY21	GRNVLY21	7/7/15		4		74.11	Y		705	Changed out pump. Pump counter cleaned, but still doesn't work.
GRNVLY23	GRNVLY23	7/7/15		4	29	59.3	Y		204	Cleaned pump and reinstalled. Regulator broken.
GRNVLY25	GRNVLY25	7/7/15			38	94.4	Y		240784	Changed out pump.
GRNVL26R	GRNVL26R	7/6/15		3.5	26	40	Y		156954	Changed out pump. Air hose cut at the fitting.
GRNVLY35	GRNVLY35	7/6/15		5	20	91	Y		19654	Changed out pump. Pump counter is broken.
GRNV41R2	GRNV41R2	7/15/15			53.5	58.7	Y		30012	Pulled, inspected, and cleaned pump. Cycling properly.
GRNV43R2	GRNV43R2	7/15/15			46.4	51.2	Y		92208	Pulled, inspected, and cleaned pump. Cycling properly.
GRNVLY57	GRNVLY57	7/6/15		5.5	2	49	Y		15421	Changed out pump.
GRNVLY58	GRNVLY58	7/15/15		4	41.5	49.8	Y		3636	Pulled, inspected, and cleaned pump. Cycling properly.
GRNVL59R	GRNVL59R	7/15/15		3.5	63.4	74.2	Y		132057	Pulled, inspected, and cleaned pump. Extensively cleaned. Cycling properly.
GRNVL60R	GRNVL60R	7/6/15		4	48	83	Y		123734	Changed out pump.
GRNV64R2	GRNV64R2	7/6/15		4.5	27	49.2			435742	Changed out pump.

ATTACHMENT J

Rolling Data Table

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
EW-27RR	7/14/2014 12:51	51.4	37.4	0	11.2	-1.01	-1	122	0	0	-24.02	No Change; No Repair Needed; Good; 10717
EW-27RR	7/28/2014 12:27	46.4	36	0.1	17.5	-1.08	-0.6	118	5	2	-20.89	Slightly Closed; No Repair Needed; Good; 10723
EW-27RR	7/28/2014 12:28	46.4	37	0.1	16.5	-0.47	-0.49	110	0	2	-22.62	2nd Reading; No Repair Needed; Good
EW-27RR	8/12/2014 11:52	57	37.7	0	5.3	-0.17	-0.29	106	1	3	-25.59	Slightly Open; No Repair Needed; Good; 10723
EW-27RR	8/12/2014 11:53	56.8	38.3	0	4.9	-0.26	-0.28	110	3	3	-25.21	2nd Reading; No Repair Needed; Good
EW-27RR	8/27/2014 11:49	57.1	36.6	0	6.3	-0.38	-0.45	121	1	3	-22.92	Slightly Open; No Repair Needed; Good; 10723
EW-27RR	8/27/2014 11:50	57	38.2	0	4.8	-0.52	-0.51	122	2	3	-23.13	2nd Reading; No Repair Needed; Good
EW-27RR	9/10/2014 12:34	55.9	36.2	0	7.9	-0.48	-0.51	119	3	3	-24.82	No Change; No Repair Needed; Good; 10723
EW-27RR	9/25/2014 11:14	56.8	35.9	0	7.3	-0.57	-0.65	115	1	3	-25.48	Slightly Open; No Repair Needed; Good; 10729
EW-27RR	9/25/2014 11:15	56.1	39.1	0	4.8	-0.72	-0.72	117	4	4	-24.24	2nd Reading; No Repair Needed; Good
EW-27RR	10/9/2014 12:20	55.8	35.4	0.1	8.7	-0.88	-1.02	111	4	5	-24.26	Slightly Open; No Repair Needed; Good; 10731
EW-27RR	10/9/2014 12:20	56.1	38	0	5.9	-1.16	-1.14	114	4	5	-25.68	2nd Reading; No Repair Needed; Good
EW-27RR	10/23/2014 11:47	55.1	36.7	0.1	8.1	-0.86	-0.99	115	5	6	-22.87	Slightly Open; No Repair Needed; Good; 10731
EW-27RR	10/23/2014 11:48	55.1	37.9	0.1	6.9	-1.05		117	6		-22.27	2nd Reading; No Repair Needed; Good
EW-27RR	11/5/2014 12:27	49.6	34.2	0.1	16.1	-1.03		117	5		-24.86	No Change; No Repair Needed; Good; counter removed
EW-27RR	11/19/2014 12:10	56.6	35.3	0	8.1	0.16	-0.07	104	3	6	-9.62	Slightly Open; No Repair Needed; Good
EW-27RR	11/19/2014 12:10	55.4	36.8	0	7.8	-0.4		110	6		-9.93	2nd Reading; No Repair Needed; Good
EW-27RR	12/5/2014 11:41	57.5	34.2	0	8.3	-1.31		119	10		-17.26	No Change; No Repair Needed; Good
EW-27RR	12/18/2014 11:37	57.1	35.1	0.1	7.7	-1.4		118	6		-18.69	No Change; No Repair Needed; Good
EW-27RR	1/22/2015 12:15	44.6	33.6	0.3	21.5	-2.28	-1.93	117	9	2	-23.31	Slightly Closed; No Repair Needed; Good
EW-27RR	1/22/2015 12:16	44.3	34.7	0.3	20.7	-1.76		112	2		-23.22	2nd Reading; No Repair Needed; Good
EW-27RR	2/3/2015 12:29	47.3	33.7	0.3	18.7	-0.94	-0.92	87	2	2	-25.55	Slightly Closed; No Repair Needed; Good
EW-27RR	2/3/2015 12:30	46.5	33.8	0.3	19.4	-0.86		87	2		-27.32	2nd Reading; No Repair Needed; Good
EW-27RR	3/3/2015 12:02	61.8	35.9	0	2.3	1.16	-0.15	62	7	14	-14.2	Slightly Open; No Repair Needed; Good
EW-27RR	3/3/2015 12:03	61	37.8	0	1.2	-0.06		97	12		-13.47	2nd Reading; No Repair Needed; Good
EW-27RR	3/18/2015 11:33	57.1	34.3	0.3	8.3	-2.11		113	9		-16.57	No Change; No Repair Needed; Good
EW-27RR	4/2/2015 11:46	51.5	33.4	0.2	14.9	-2.31		116	11		-21.8	No Change; No Repair Needed; Good
EW-27RR	4/17/2015 13:20	51.6	33.5	0.1	14.8	-2.11		116	12		-18.99	No Change; No Repair Needed; Good
EW-27RR	5/5/2015 13:06	52.6	34	0	13.4	-2.44		122	13		-26.03	No Change; No Repair Needed; Good
EW-27RR	5/20/2015 13:30	51.9	34.5	0	13.6	-2.16		123	14		-24.95	No Change; No Repair Needed; Good
EW-27RR	6/1/2015 13:06	52.7	34.4	0	12.9	-2.17		119	7		-23.95	No Change; No Repair Needed; Good
EW-27RR	6/16/2015 13:39	53.9	35.7	0	10.4	-1.67		122	8		-19.59	No Change; No Repair Needed; Good
EW-27RR	7/2/2015 13:09	57.4	35.6	0	7	-1.67	-2.05	118	9	14	-17.61	Slightly Open; No Repair Needed; Good
EW-27RR	7/2/2015 13:10	57.5	37.3	0	5.2	-2.4		119	12		-17.61	2nd Reading; No Repair Needed; Good
EW-27RR	7/27/2015 14:49	55.4	37.2	0	7.4	-2.7	-2.86	124	14	15	-16.92	Slightly Open; No Repair Needed; Good
EW-27RR	7/27/2015 14:50	54.4	37.3	0	8.3	-3.12		124	17		-16.7	2nd Reading; No Repair Needed; Good
EW-63R	7/14/2014 9:34	57.9	28	0.7	13.4	-26.54	-26.54	78	12	11	-26.17	No Change; No Repair Needed; Good
EW-63R	7/28/2014 9:17	63	35.3	0	1.7	-26.83	-26.83	75	11	11	-26.59	No Change; No Repair Needed; Good
EW-63R	8/12/2014 8:08	62.9	35.1	0	2	-26.92	-26.92	80	8	9	-26.59	No Change; No Repair Needed; Good; needs pump
EW-63R	8/27/2014 7:50	60.9	33.6	0.2	5.3	-26.83	-26.57	79	9	9	-26.15	No Change; No Repair Needed; Fair; needs pump
EW-63R	9/10/2014 9:08	60.8	34	0.3	4.9	-26.92	-27.14	84	7	6	-26.63	No Change; No Repair Needed; Fair; needs pump
EW-63R	9/25/2014 7:34	12.6	20.6	15.5	51.3	-26.84	-24.08	67	0	4	-26.68	Slightly Closed; No Repair Needed; Fair; pinched
EW-63R	9/25/2014 7:35	11.9	10.2	17.2	60.7	-9.61	-9.35	63	7	6	-25.99	2nd Reading; No Repair Needed; Fair
EW-63R	10/9/2014 8:56	38	24.1	7.9	30	-15.62	-15.57	63	11	13	-15.58	Slightly Closed; No Repair Needed; Fair

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
EW-63R	10/9/2014 8:57	39	23.7	7.6	29.7	-15.62	-15.57	59	10	8	-15.54	2nd Reading; No Repair Needed; Fair
EW-63R	10/23/2014 7:50	33.4	25.2	9	32.4	10.44	-7.55	57	0	0	-24.17	Slightly Open; No Repair Needed; Fair
EW-63R	10/23/2014 7:51	35.4	23.2	8.6	32.8	-25.84		51	7		-25.68	2nd Reading; No Repair Needed; Fair
EW-63R	11/5/2014 7:36	18.5	26.7	13.7	41.1	-26.88	-24.46	63	14	7	-26.63	Slightly Closed; No Repair Needed; Fair
EW-63R	11/5/2014 7:37	14.5	11.1	16.2	58.2	-15.49		56	10		-26.63	2nd Reading; No Repair Needed; Fair
EW-63R	11/19/2014 8:14	61.5	37.7	0	0.8	2.63	-4.32	30	0	0	-27.02	Slightly Open; No Repair Needed; Fair
EW-63R	11/19/2014 8:15	62	37.3	0	0.7	-12.21		26	16		-26.97	2nd Reading; No Repair Needed; Fair
EW-63R	12/5/2014 7:43	10.6	11.4	16.9	61.1	-1.97	-1.8	50	16	5	-16.88	Slightly Closed; No Repair Needed; Fair
EW-63R	12/5/2014 7:44	10.6	7.4	17.6	64.4	-1.1		46	10		-16.57	2nd Reading; No Repair Needed; Fair
EW-63R	12/18/2014 7:52	10.7	9	17.6	62.7	0.2	-0.26	33	0	0	-20.03	Slightly Open; No Repair Needed; Fair
EW-63R	12/18/2014 7:53	10.8	7.1	18	64.1	-0.19		29	0		-19.77	2nd Reading; No Repair Needed; Fair
EW-63R	1/8/2015 8:03	7.3	16.9	17.5	58.3	-1.45	-1.34	16	7	12	-24.08	Slightly Closed; No Repair Needed; Fair
EW-63R	1/8/2015 8:04	5.7	8	19	67.3	-1.15		11	9		-25.12	2nd Reading; No Repair Needed; Fair
EW-63R	1/22/2015 7:44	7.1	11.5	18.3	63.1	-1.75	-1.73	49	7	7	-28.61	Slightly Closed; No Repair Needed; Fair
EW-63R	1/22/2015 7:44	5.4	5.7	19.7	69.2	-1.72		42	0		-27.97	2nd Reading; No Repair Needed; Fair
EW-63R	2/3/2015 7:52	6	15.8	17.9	60.3	-1.53	-1.54	39	0	0	-27.28	No Change; No Repair Needed; Fair; valve barely cracked
EW-63R	2/3/2015 7:52	5.1	8.8	19.1	67	-1.54		34	0		-26.93	2nd Reading; No Repair Needed; Fair
EW-63R	2/17/2015 10:33	6.2	6.8	18.9	68.1	-1.09	-0.52	34	4	0	-15.15	Slightly Closed; No Repair Needed; Fair
EW-63R	2/17/2015 10:34	6.2	4.9	19.3	69.6	-0.17		34	4		-14.2	2nd Reading; No Repair Needed; Fair
EW-63R	3/3/2015 8:06	14.2	12.3	14.9	58.6	-0.56	-0.53	42	0	0	-18.64	Slightly Closed; No Repair Needed; Fair
EW-63R	3/3/2015 8:07	14.7	11	15.2	59.1	-0.54		35	0		-19.68	2nd Reading; No Repair Needed; Fair
EW-63R	3/18/2015 7:37	14.6	16.8	15.4	53.2	-0.25	-0.01	39	5	0	-17.48	Slightly Closed; No Repair Needed; Fair
EW-63R	3/18/2015 7:37	14.4	10.1	16.1	59.4	-0.1		33	1		-17.91	2nd Reading; No Repair Needed; Fair
EW-63R	4/2/2015 7:44	14.5	14.3	15.9	55.3	-0.28	-0.29	66	7	6	-22.18	Slightly Closed; No Repair Needed; Fair
EW-63R	4/2/2015 7:45	14.2	8.1	16.5	61.2	-0.32		59	7		-22.18	2nd Reading; No Repair Needed; Fair
EW-63R	4/14/2015 10:12	22.6	17.4	12.9	47.1	-0.12	-0.11	58	0	0	-12.9	Slightly Closed; No Repair Needed; Fair
EW-63R	4/14/2015 10:12	23	14.2	13.2	49.6	-0.08		58	0		-12.82	2nd Reading; No Repair Needed; Fair
EW-63R	5/5/2015 8:05	12	13.3	16.2	58.5	-0.27	-0.24	77	0	0	-26.97	Slightly Closed; No Repair Needed; Fair
EW-63R	5/5/2015 8:06	12.4	8.1	16.9	62.6	-0.25		72	0		-26.67	2nd Reading; No Repair Needed; Fair
GRNV17R2	7/14/2014 12:16	45.1	33.6	0	21.3	-11.03	-9.65	104	59	40	-19.59	Slightly Closed; No Repair Needed; Good
GRNV17R2	7/14/2014 12:17	43.9	33.7	0	22.4	-8.96	-9.31	104	39	39	-17.35	2nd Reading; No Repair Needed; Good
GRNV17R2	7/28/2014 11:10	43.9	34.5	0	21.6	-7.89	-5.82	103	43	27	-18	Slightly Closed; No Repair Needed; Good
GRNV17R2	7/28/2014 11:11	44	34	0	22	-5.48	-5.48	100	4	4	-19.46	2nd Reading; No Repair Needed; Good
GRNV17R2	8/12/2014 10:20	54.2	34.1	0	11.7	-0.67	-0.76	94	4	9	-18.3	Slightly Open; No Repair Needed; Good
GRNV17R2	8/12/2014 10:21	54.4	34.7	0	10.9	-0.83	-0.81	96	9	11	-18.3	2nd Reading; No Repair Needed; Good
GRNV17R2	8/27/2014 9:52	56.2	34.5	0	9.3	-1.41	-1.5	97	12	12	-18.56	Slightly Open; No Repair Needed; Good
GRNV17R2	8/27/2014 9:53	56.3	34.8	0	8.9	-1.51	-1.49	98	13	12	-18.6	2nd Reading; No Repair Needed; Good
GRNV17R2	9/10/2014 11:07	53.3	35	0	11.7	-2.18	-2.21	99	9	15	-20.72	No Change; No Repair Needed; Good
GRNV17R2	9/25/2014 9:34	50.9	36.5	0	12.6	-2.4	-2.35	96	12	12	-18.48	No Change; No Repair Needed; Good
GRNV17R2	10/9/2014 11:02	54.6	34.6	0	10.8	-2.51	-2.59	97	17	16	-19.34	Slightly Open; No Repair Needed; Good
GRNV17R2	10/9/2014 11:02	54.7	35.4	0	9.9	-2.66	-2.62	98	19	17	-20.03	2nd Reading; No Repair Needed; Good
GRNV17R2	10/23/2014 9:55	51	34.9	0	14.1	-3.37		96	26		-15.54	No Change; No Repair Needed; Good
GRNV17R2	11/5/2014 10:30	51.3	34	0	14.7	-3.02		95	20		-20.46	No Change; No Repair Needed; Good
GRNV17R2	11/19/2014 10:40	54.1	33.8	0	12.1	-0.78	-0.92	95	16	23	-21.1	Slightly Open; No Repair Needed; Good

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNV17R2	11/19/2014 10:41	54.5	35.4	0	10.1	-0.95		95	20		-21.19	2nd Reading; No Repair Needed; Good
GRNV17R2	12/5/2014 9:54	60.5	36.3	0	3.2	-2.37	-2.55	96	19	20	-15.49	Slightly Open; No Repair Needed; Good
GRNV17R2	12/5/2014 9:55	60.3	36.7	0	3	-2.64		97	25		-15.32	2nd Reading; No Repair Needed; Good
GRNV17R2	12/18/2014 9:50	57.7	36.3	0	6	-4		97	40		-17.48	No Change; No Repair Needed; Good
GRNV17R2	1/22/2015 10:04	59.6	37.4	0	3	-6.86	-7.55	96	22	43	-18.26	Slightly Open; No Repair Needed; Good
GRNV17R2	1/22/2015 10:05	59.4	38	0	2.6	-7.55		98	36		-17.35	2nd Reading; No Repair Needed; Good
GRNV17R2	2/3/2015 10:20	51.3	34.9	0	13.8	-11.65		98	31		-20.37	No Change; No Repair Needed; Good
GRNV17R2	3/3/2015 10:25	57.5	34.7	0	7.8	-5.39	-5.74	99	31	51	-14.5	Slightly Open; No Repair Needed; Good
GRNV17R2	3/3/2015 10:26	57.1	35.2	0	7.7	-5.78		100	44		-14.33	2nd Reading; No Repair Needed; Good
GRNV17R2	3/18/2015 10:00	59.5	34.6	0	5.9	-8.97		100	38		-16.14	No Change; No Repair Needed; Good
GRNV17R2	4/2/2015 10:02	53.8	33	0.2	13	-8.89		101	43		-18.34	No Change; No Repair Needed; Good
GRNV17R2	4/17/2015 12:41	53.2	33.9	0	12.9	-9.23		102	26		-15.88	No Change; No Repair Needed; Good
GRNV17R2	5/5/2015 10:23	54.5	33	0	12.5	-11.95	-12.38	102	41	53	-21.62	Slightly Open; No Repair Needed; Good
GRNV17R2	5/5/2015 10:24	54	33.9	0	12.1	-12.42		103	53		-19.51	2nd Reading; No Repair Needed; Good
GRNV17R2	5/20/2015 12:51	49.2	32.4	0.1	18.3	-11.65		103	47		-20.5	No Change; No Repair Needed; Good
GRNV17R2	6/1/2015 12:34	49.5	32.5	0	18	-11.69		103	53		-21.84	No Change; No Repair Needed; Good
GRNV17R2	6/16/2015 13:01	49.1	32.9	0	18	-8.67		103	45		-14.54	No Change; No Repair Needed; Good
GRNV17R2	7/2/2015 11:27	54.5	34.7	0	10.8	-10.27	-10.61	103	58	57	-20.16	Slightly Open; No Repair Needed; Good
GRNV17R2	7/2/2015 11:28	54.4	35.4	0	10.2	-10.27		103	55		-18.04	2nd Reading; No Repair Needed; Good
GRNV17R2	7/27/2015 13:12	51	35	0	14	-9.92		103	45		-15.19	No Change; No Repair Needed; Good
GRNV41R2	5/20/2015 9:50	61	37.9	0	1.1	1.45	-0.67	75	4	3	-26.24	Slightly Open; No Repair Needed; Good
GRNV41R2	5/20/2015 9:51	60.1	39.4	0	0.5	-1.57		75	6		-26.59	2nd Reading; No Repair Needed; Good
GRNV41R2	6/1/2015 9:52	61.3	38.7	0	0	1.26	-0.22	86	0	0	-15.19	Slightly Open; No Repair Needed; Good
GRNV41R2	6/1/2015 9:53	61.4	38.6	0	0	-1.4		92	9		-15.02	2nd Reading; No Repair Needed; Good
GRNV41R2	6/16/2015 9:47	62.9	36.6	0	0.5	-5.18	-5.82	107	10	10	-22.23	Slightly Open; No Repair Needed; Good; 19073
GRNV41R2	6/16/2015 9:49	63.3	36.3	0	0.4	-6.56		107	13		-22.83	2nd Reading; No Repair Needed; Good
GRNV41R2	7/2/2015 8:34	62.6	37.2	0	0.2	-5.82	-6.51	105	9	10	-18	Slightly Open; No Repair Needed; Good; 25544
GRNV41R2	7/2/2015 8:35	63.1	36.5	0	0.4	-8.93		107	12		-22.87	2nd Reading; No Repair Needed; Good
GRNV41R2	7/27/2015 10:27	62.8	36.7	0	0.5	-9.28	-11.65	107	16	17	-18.99	Slightly Open; No Repair Needed; Good; 33906
GRNV41R2	7/27/2015 10:27	63.4	35.7	0	0.9	-13.76		108	18		-19.34	2nd Reading; No Repair Needed; Good
GRNV43R2	5/20/2015 9:43	61.7	36.5	0	1.8	1.26	-0.23	75	0	17	-26.28	Slightly Open; No Repair Needed; Good
GRNV43R2	5/20/2015 9:47	56.9	33.8	0.7	8.6	-0.09		76	10		-26.33	2nd Reading; No Repair Needed; Good
GRNV43R2	6/1/2015 9:49	61.6	38.4	0	0	64.06	-0.03	63	13	51	-16.92	Slightly Open; No Repair Needed; Good; 15642
GRNV43R2	6/1/2015 9:50	61.5	38.5	0	0	-2.68		95	36		-14.98	2nd Reading; No Repair Needed; Good
GRNV43R2	6/16/2015 9:43	60.2	39.4	0	0.4	-19.63	-15.4	97	11	10	-21.62	Slightly Closed; No Repair Needed; Good; 53872
GRNV43R2	6/16/2015 9:45	60.5	39.5	0	0	-11		96	10		-22.1	2nd Reading; No Repair Needed; Good
GRNV43R2	7/2/2015 8:31	61.2	38.1	0	0.7	-1.6	-1.95	94	9	10	-18.69	Slightly Open; No Repair Needed; Good; 76823
GRNV43R2	7/2/2015 8:31	61	39	0	0	-2.63		94	9		-18.3	2nd Reading; No Repair Needed; Good
GRNV43R2	7/27/2015 10:23	60.9	36.6	0	2.5	-5.48	-6.82	98	12	14	-19.08	Slightly Open; No Repair Needed; Good; 104678
GRNV43R2	7/27/2015 10:24	61.3	38.7	0	0	-11.35		98	17		-23.09	2nd Reading; No Repair Needed; Good
GRNV44R2	5/20/2015 10:40	60.9	38.9	0	0.2	6.3	-0.52	68	8	50	-26.59	Slightly Open; No Repair Needed; Good
GRNV44R2	5/20/2015 10:41	60.9	39	0	0.1	-0.63		103	44		-26.11	2nd Reading; No Repair Needed; Good
GRNV44R2	6/1/2015 10:37	60.4	37.7	0.3	1.6	-2.88	-3.47	99	50	59	-25.55	Slightly Open; No Repair Needed; Good; 243
GRNV44R2	6/1/2015 10:38	60	38	0.3	1.7	-3.83		99	57		-25.55	2nd Reading; No Repair Needed; Good
GRNV44R2	6/16/2015 10:38	58.2	37.7	0.1	4	-3.19	-3.84	103	47	47	-21.02	Slightly Open; No Repair Needed; Good; 260

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNV44R2	6/16/2015 10:39	58.1	38.3	0.1	3.5	-4.21		104	49		-20.76	2nd Reading; No Repair Needed; Good
GRNV44R2	7/2/2015 9:20	57.1	38.1	0	4.8	-3.71	-4.49	101	41	51	-17.87	Slightly Open; No Repair Needed; Good; 263
GRNV44R2	7/2/2015 9:21	57.3	38.4	0	4.3	-5.78		102	56		-19.81	2nd Reading; No Repair Needed; Good
GRNV44R2	7/27/2015 11:09	53.4	35.8	0.6	10.2	-5.69		107	52		-19.21	No Change; No Repair Needed; Good; 263
GRNV46R2	7/14/2014 10:29	57.3	36.6	0.1	6	-26.54	-26.2	80	5	8	-26.17	No Change; No Repair Needed; Good
GRNV46R2	7/28/2014 10:07	55.3	31.7	0.3	12.7	-26.49	-26.49	73	10	5	-26.59	No Change; No Repair Needed; Good
GRNV46R2	8/12/2014 9:06	11.9	6.9	16.6	64.6	-27.05	-27.01	81	0	0	-26.93	Slightly Closed; No Repair Needed; Fair; remote restricted
GRNV46R2	8/12/2014 9:07	15.8	9.4	15.1	59.7	-27.01	-27.01	81	2	2	-26.8	2nd Reading; No Repair Needed; Fair
GRNV46R2	8/27/2014 8:39	64.5	35.5	0	0	-7.85	-10.61	78	0	0	-26.15	Slightly Open; No Repair Needed; Good
GRNV46R2	8/27/2014 8:40	64.1	35.1	0	0.8	-26.83	-26.83	78	7	5	-26.15	2nd Reading; No Repair Needed; Good
GRNV46R2	9/10/2014 10:09	30.9	19.3	9.1	40.7	-26.66	-26.66	83	6	4	-26.59	Slightly Closed; No Repair Needed; Fair; remote restricted
GRNV46R2	9/10/2014 10:11	36.5	21.3	7.6	34.6	-26.92	-26.92	83	6	6	-26.59	2nd Reading; No Repair Needed; Fair
GRNV46R2	9/25/2014 8:40	54.6	32	1.9	11.5	-5.26	-5.47	67	0	0	-26.68	No Change; No Repair Needed; Fair; remote restricted
GRNV46R2	10/9/2014 9:51	0.6	4.8	20.8	73.8	-26.92	-24.42	65	0	9	-26.63	Slightly Closed; No Repair Needed; Fair
GRNV46R2	10/9/2014 9:52	0.2	0.5	21.8	77.5	-13.37	-13.03	65	10	10	-26.59	2nd Reading; No Repair Needed; Fair
GRNV46R2	10/23/2014 8:44	35.7	18.2	8.5	37.6	-17.04	-16.01	50	11	11	-26.72	Slightly Closed; No Repair Needed; Fair; camera investigation required
GRNV46R2	10/23/2014 8:44	36	16.8	8.8	38.4	-0.27		49	7		-27.06	2nd Reading; No Repair Needed; Fair
GRNV46R2	11/5/2014 8:38	23.4	17.3	12.2	47.1	-0.06	-0.06	56	11	9	-26.97	No Change; No Repair Needed; Fair; valve barely cracked
GRNV46R2	11/5/2014 8:39	24.6	10.4	12.9	52.1	-0.07		57	9		-26.63	2nd Reading; No Repair Needed; Fair; valve barely cracked
GRNV46R2	11/19/2014 9:20	18.4	17.2	11.9	52.5	-0.4	-0.4	30	0	0	-14.03	No Change; No Repair Needed; Fair
GRNV46R2	11/19/2014 9:21	18.4	10.7	12.7	58.2	-0.78		31	0		-14.03	2nd Reading; No Repair Needed; Fair
GRNV46R2	12/5/2014 8:49	17.4	15.2	11.1	56.3	-0.01	-0.01	43	4	5	-18.56	No Change; No Repair Needed; Fair
GRNV46R2	12/5/2014 8:50	16.1	11	12.7	60.2	-0.01		42	7		-18.26	2nd Reading; No Repair Needed; Fair
GRNV46R2	12/18/2014 8:46	6.7	16.6	15.7	61	-2.23	-2.24	32	0	0	-20.37	Slightly Closed; No Repair Needed; Fair
GRNV46R2	12/18/2014 8:47	12	8.4	13.9	65.7	-2.64		29	0		-20.8	2nd Reading; No Repair Needed; Fair
GRNV46R2	1/8/2015 9:17	9.5	18.8	13.5	58.2	-3.9	-3.9	12	0	0	-23.05	Slightly Closed; No Repair Needed; Fair
GRNV46R2	1/8/2015 9:18	13.8	11.3	11.4	63.5	-4.35		12	0		-24.64	2nd Reading; No Repair Needed; Fair
GRNV46R2	1/22/2015 8:39	8.4	12.9	14.5	64.2	-4.12	-4.11	39	0	0	-25.55	Slightly Closed; No Repair Needed; Fair
GRNV46R2	1/22/2015 8:40	11.6	8.2	13.1	67.1	-4.57		36	0		-26.07	2nd Reading; No Repair Needed; Fair
GRNV46R2	2/3/2015 8:57	7.4	19.1	15.6	57.9	-6.51	-6.51	28	0	0	-25.94	Slightly Closed; No Repair Needed; Fair
GRNV46R2	2/3/2015 8:58	8.7	9.6	14.4	67.3	-6.86		26	0		-26.59	2nd Reading; No Repair Needed; Fair
GRNV46R2	2/17/2015 10:28	14.4	16.4	8.2	61	-5.82	-5.52	30	0	0	-15.32	Slightly Closed; No Repair Needed; Fair
GRNV46R2	2/17/2015 10:29	15.3	14.1	8.3	62.3	-5.48		34	5		-14.76	2nd Reading; No Repair Needed; Fair
GRNV46R2	3/3/2015 9:10	14.6	16.3	7.7	61.4	-0.42	-0.44	36	0	0	-18.26	Slightly Closed; No Repair Needed; Fair
GRNV46R2	3/3/2015 9:11	14.8	13.5	8.1	63.6	-0.87		33	2		-18.26	2nd Reading; No Repair Needed; Fair
GRNV46R2	3/18/2015 8:46	13.2	17.6	9.7	59.5	-0.03	-0.03	33	0	0	-18.04	No Change; No Repair Needed; Fair
GRNV46R2	3/18/2015 8:47	11.3	11.4	11.7	65.6	-0.03		33	0		-17.57	2nd Reading; No Repair Needed; Fair
GRNV46R2	4/2/2015 8:49	11.6	11.3	10.3	66.8	-0.52	-0.51	64	0	0	-23.22	No Change; No Repair Needed; Fair
GRNV46R2	4/2/2015 8:50	11.3	10.2	10.5	68	-0.85		63	0		-22.87	2nd Reading; No Repair Needed; Fair

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNV46R2	4/14/2015 10:23	4.5	6.5	17.1	71.9	-0.46	-0.51	57	2	4	-16.23	No Change; No Repair Needed; Fair
GRNV46R2	4/14/2015 10:24	4.7	4.2	16.9	74.2	-0.86		57	6		-17.52	2nd Reading; No Repair Needed; Fair
GRNV46R2	5/5/2015 9:14	11.1	15	9.3	64.6	-0.34	-0.34	77	4	3	-27.06	No Change; No Repair Needed; Fair; valve barely cracked
GRNV46R2	5/5/2015 9:14	10.5	11.9	9.6	68	-0.74		76	6		-25.98	2nd Reading; No Repair Needed; Fair
GRNV46R3	5/20/2015 11:09	60.6	37.8	0	1.6	0.15	-0.08	92	9	17	-26.97	Slightly Open; No Repair Needed; Good
GRNV46R3	5/20/2015 11:10	60.2	39.1	0	0.7	-0.09		95	24		-27.92	2nd Reading; No Repair Needed; Good
GRNV46R3	6/1/2015 10:34	53.4	34.1	2.3	10.2	-0.11		91	24		-26.41	No Change; No Repair Needed; Good; 238
GRNV46R3	6/16/2015 10:34	53	35	2	10	-0.13		96	16		-22.53	No Change; No Repair Needed; Good; 961
GRNV46R3	7/2/2015 10:25	51.3	33.8	3	11.9	-0.24		94	8		-26.28	No Change; No Repair Needed; Good; 2664
GRNV46R3	7/27/2015 11:06	51.7	35	2.2	11.1	-0.14		96	12		-21.06	No Change; No Repair Needed; Good; 3133; force main restricted
GRNV47R2	5/20/2015 10:25	62.5	35.9	0	1.6	4.56	-0.19	76	8	17	-27.19	Slightly Open; No Repair Needed; Good
GRNV47R2	5/20/2015 10:26	61.7	37.7	0	0.6	-0.37		106	23		-25.9	2nd Reading; No Repair Needed; Good
GRNV47R2	6/1/2015 10:29	61.7	37.5	0	0.8	-0.3	-0.96	109	15	14	-25.94	Slightly Open; No Repair Needed; Good; 218
GRNV47R2	6/1/2015 10:29	61.7	38.3	0	0	-1.35		109	19		-26.54	2nd Reading; No Repair Needed; Good
GRNV47R2	6/16/2015 10:28	58.4	39.6	0	2	0.64	-0.4	117	19	27	-21.41	Slightly Open; No Repair Needed; Good; 168601
GRNV47R2	6/16/2015 10:29	59.1	40.7	0	0.2	-0.63		117	29		-22.44	2nd Reading; No Repair Needed; Good
GRNV47R2	7/2/2015 9:11	58.8	39.1	0	2.1	-0.27	-2.36	116	23	40	-18.73	Slightly Open; No Repair Needed; Good; 361133
GRNV47R2	7/2/2015 9:12	59.3	40.4	0	0.3	-2.73		116	26		-17.35	2nd Reading; No Repair Needed; Good
GRNV47R2	7/27/2015 11:01	48.2	34.2	1.9	15.7	-4.3		114	37		-21.54	No Change; Pump Maintenance Required; Good; 371653
GRNV50R3	7/14/2014 9:39	49.7	37.9	0	12.4	-18.27	-18.27	101	32	38	-26.78	No Change; No Repair Needed; Good
GRNV50R3	7/28/2014 9:20	47.3	35.6	0	17.1	-19.24	-16.82	101	31	21	-26.72	Slightly Closed; No Repair Needed; Good
GRNV50R3	7/28/2014 9:20	46	38	0	16	-16.13	-16.18	101	29	22	-27.79	2nd Reading; No Repair Needed; Good
GRNV50R3	8/12/2014 8:12	48.3	38	0	13.7	-15.44	-15.44	102	27	25	-27.32	No Change; No Repair Needed; Good
GRNV50R3	8/27/2014 7:53	52.7	37	0	10.3	-11.35	-11.3	103	22	22	-27.88	No Change; No Repair Needed; Good
GRNV50R3	9/10/2014 9:16	51.9	39.2	0	8.9	-11.43	-11.43	103	21	24	-27.71	No Change; No Repair Needed; Good
GRNV50R3	9/25/2014 7:58	48.3	38.3	0	13.4	-11.42	-11.33	103	20	22	-27.91	No Change; No Repair Needed; Good
GRNV50R3	10/9/2014 9:18	50.4	35.5	0	14.1	-11.3	-11.3	104	22	22	-27.45	No Change; No Repair Needed; Good
GRNV50R3	10/23/2014 8:12	48	36.2	0	15.8	-11.69		104	23		-27.79	No Change; No Repair Needed; Good
GRNV50R3	11/5/2014 8:03	46.4	34.9	0	18.7	-12.04	-11.35	105	21	18	-26.93	Slightly Closed; No Repair Needed; Good
GRNV50R3	11/5/2014 8:05	45.9	35.2	0	18.9	-9.28		104	19		-27.15	2nd Reading; No Repair Needed; Good
GRNV50R3	11/19/2014 8:43	52.7	34.7	0.2	12.4	-7.98		100	19		-26.63	No Change; No Repair Needed; Good
GRNV50R3	12/5/2014 8:09	54.7	38.2	0	7.1	-4.99		103	16		-16.18	No Change; No Repair Needed; Good
GRNV50R3	12/18/2014 8:13	56.4	38.7	0.1	4.8	-8.58		103	17		-20.72	No Change; No Repair Needed; Good
GRNV50R3	1/8/2015 8:37	50.5	32.4	0.6	16.5	-11.65		97	32		-23.39	No Change; No Repair Needed; Good
GRNV50R3	1/22/2015 8:04	52.6	32	0.3	15.1	-13.24		106	16		-25.9	No Change; No Repair Needed; Good
GRNV50R3	2/3/2015 8:17	56.4	35.8	0.1	7.7	-13.72	-14.88	102	14	18	-27.1	Slightly Open; No Repair Needed; Good
GRNV50R3	2/3/2015 8:18	56.3	38	0	5.7	-16.48		104	19		-26.89	2nd Reading; No Repair Needed; Good
GRNV50R3	3/3/2015 8:32	57	39.8	0	3.2	-12.64	-13.33	105	14	17	-18	Slightly Open; No Repair Needed; Good
GRNV50R3	3/3/2015 8:33	57.5	38.7	0	3.8	-13.89		107	15		-18.17	2nd Reading; No Repair Needed; Good
GRNV50R3	3/18/2015 8:02	58	39	0.2	2.8	-16.18	-17.13	104	15	18	-19.29	Slightly Open; No Repair Needed; Good
GRNV50R3	3/18/2015 8:03	58	39.2	0.2	2.6	-17.21		105	13		-18.99	2nd Reading; No Repair Needed; Good
GRNV50R3	4/2/2015 8:13	46.7	32.9	1.6	18.8	-21.05	-18.51	109	13	0	-23.48	Slightly Closed; No Repair Needed; Good

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Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNV50R3	4/2/2015 8:14	46.5	33.2	1.5	18.8	-17.86		108	0		-24.56	2nd Reading; No Repair Needed; Good
GRNV50R3	4/17/2015 10:27	57.3	35.8	0.2	6.7	-15.44		109	13		-20.33	No Change; No Repair Needed; Good
GRNV50R3	5/5/2015 8:40	55.7	34.4	0.2	9.7	-21.14		110	11		-27.36	No Change; No Repair Needed; Good
GRNV50R3	5/20/2015 9:54	52.3	38.4	0.1	9.2	-20.97		110	14		-26.33	No Change; No Repair Needed; Good
GRNV50R3	6/1/2015 9:56	50.7	37.6	0.1	11.6	-16.44		108	10		-20.89	No Change; No Repair Needed; Good
GRNV50R3	6/16/2015 9:54	52.4	36.1	0	11.5	-17.9		112	12		-22.01	No Change; No Repair Needed; Good
GRNV50R3	7/2/2015 8:38	52.2	36.7	0	11.1	-20.75		112	15		-26.59	No Change; No Repair Needed; Good
GRNV50R3	7/27/2015 10:31	52.1	36.6	0	11.3	-15.7		114	13		-19.38	No Change; No Repair Needed; Good
GRNV63R2	5/20/2015 9:17	59.9	36.1	0.9	3.1	-0.28	-0.55	75	12	6	-26.63	Slightly Open; No Repair Needed; Good
GRNV63R2	5/20/2015 9:18	59.4	35.5	1.1	4	-0.23		75	21		-26.28	2nd Reading; No Repair Needed; Good
GRNV63R2	6/1/2015 9:19	60.5	36.7	0.8	2	-25.5	-21.66	77	3	10	-26.67	Slightly Closed; No Repair Needed; Good
GRNV63R2	6/1/2015 9:20	61.1	36.3	0.5	2.1	-17.52		76	9		-26.63	2nd Reading; No Repair Needed; Good
GRNV63R2	6/16/2015 9:17	61.3	38.6	0	0.1	1.17	-0.45	95	13	11	-21.92	Slightly Open; No Repair Needed; Good
GRNV63R2	6/16/2015 9:18	61.5	38.5	0	0	-0.65		95	12		-22.18	2nd Reading; No Repair Needed; Good
GRNV63R2	7/2/2015 7:59	61.1	38.9	0	0	0.85	-1.02	91	11	12	-19.55	Slightly Open; No Repair Needed; Good
GRNV63R2	7/2/2015 8:00	61.3	38.7	0	0	-1.72		90	14		-19.64	2nd Reading; No Repair Needed; Good
GRNV63R2	7/27/2015 9:35	61.2	38.5	0	0.3	-4.12	-4.28	95	13	13	-19.29	Slightly Open; No Repair Needed; Good
GRNV63R2	7/27/2015 9:36	61.6	38.4	0	0	-6.82		94	14		-19.38	2nd Reading; No Repair Needed; Good
GRNV64R2	7/14/2014 9:36	59.2	38.4	0	2.4	-22.79	-24.13	107	37	43	-26.09	Slightly Open; No Repair Needed; Good
GRNV64R2	7/14/2014 9:37	58	41	0	1	-24.82	-24.47	109	48	48	-26.39	2nd Reading; No Repair Needed; Good
GRNV64R2	7/28/2014 9:14	58.5	41.5	0	0	-25.15	-25.15	107	28	28	-26.24	No Change; No Repair Needed; Good
GRNV64R2	8/12/2014 8:10	59	39.8	0	1.2	-25.88	-26.01	109	20	21	-26.28	No Change; No Repair Needed; Good; needs pump
GRNV64R2	8/27/2014 7:48	57.4	40.3	0	2.3	-26.19	-26.23	109	21	20	-26.5	No Change; No Repair Needed; Good; needs pump
GRNV64R2	9/10/2014 9:09	59.3	39.2	0	1.5	-25.93	-26.23	109	15	19	-26.59	No Change; No Repair Needed; Good
GRNV64R2	9/25/2014 7:31	58.1	40.3	0	1.6	-3.06	-4.69	118	24	27	-26.93	Slightly Open; No Repair Needed; Good; 66206
GRNV64R2	9/25/2014 7:32	58.1	41.6	0	0.3	-7.24	-7.2	119	34	31	-26.42	2nd Reading; No Repair Needed; Good
GRNV64R2	10/9/2014 8:53	60.2	38.6	0.2	1	-6.47	-9.92	119	41	34	-15.67	Slightly Open; No Repair Needed; Good; 154317
GRNV64R2	10/9/2014 8:54	59.9	39.8	0	0.3	-11.95	-12.12	119	28	29	-15.58	2nd Reading; No Repair Needed; Good
GRNV64R2	10/23/2014 7:47	58.8	41.2	0	0	-13.76	-15.83	118	23	30	-17.52	Slightly Open; No Repair Needed; Good; 259513
GRNV64R2	10/23/2014 7:48	59.2	40.8	0	0	-19.97		119	29		-21.58	2nd Reading; No Repair Needed; Good
GRNV64R2	11/5/2014 7:34	58.8	39.1	0.1	2	-25.84		118	22		-26.59	No Change; No Repair Needed; Good; 363193
GRNV64R2	11/19/2014 8:12	57.4	37.1	0.1	5.4	-25.93		112	31		-26.33	No Change; No Repair Needed; Good; 370037
GRNV64R2	12/5/2014 7:41	57.3	37.2	0.3	5.2	-16.48		113	36		-16.79	No Change; Pump Maintenance Required; Good; 547258
GRNV64R2	12/18/2014 7:49	57.5	41.4	0	1.1	-19.28		113	43		-19.68	No Change; No Repair Needed; Good; 816335
GRNV64R2	1/8/2015 8:01	56	38.9	0.4	4.7	-23.12		105	9		-23.22	No Change; Pump Maintenance Required; Good; 972766
GRNV64R2	1/22/2015 7:42	59.4	38.9	0.4	1.3	-28.9		112	34		-29	No Change; Pump Maintenance Required; Fair; 13323
GRNV64R2	2/3/2015 7:50	57.4	40.8	0.1	1.7	-27.52		110	29		-27.62	No Change; Pump Maintenance Required; Good; 65622
GRNV64R2	3/3/2015 8:04	57.8	34.5	0.8	6.9	-18.55		110	29		-18.99	No Change; No Repair Needed; Good; 300307
GRNV64R2	3/18/2015 7:34	58.9	38.7	0.3	2.1	-17.52		109	14		-17.52	No Change; Pump Maintenance Required; Fair; 300801
GRNV64R2	4/2/2015 7:43	54.7	33.2	1.9	10.2	-21.66		112	15		-21.84	No Change; No Repair Needed; Good; 300866

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNV64R2	4/17/2015 9:40	58.9	37.6	0.5	3	-21.4		120	21		-22.31	No Change; No Repair Needed; Good; 313659
GRNV64R2	5/5/2015 8:03	59.1	37	0.6	3.3	-26.23		121	21		-26.93	No Change; No Repair Needed; Good; 348333
GRNV64R2	5/20/2015 9:15	60.1	38	0.2	1.7	-25.84		116	27		-26.11	No Change; No Repair Needed; Good; 366641
GRNV64R2	6/1/2015 9:17	56.9	32.6	0.5	10	-26.49		112	15		-26.67	No Change; No Repair Needed; Good; 367121
GRNV64R2	6/16/2015 9:14	57.2	37.7	0.4	4.7	-21.92		122	16		-21.88	No Change; No Repair Needed; Good; 398934
GRNV64R2	7/2/2015 7:57	57.6	39.9	0.6	1.9	-18.9		120	16		-18.99	No Change; No Repair Needed; Good; 425707
GRNV64R2	7/27/2015 9:33	58.2	39.4	0.5	1.9	-19.24		121	17		-19.85	No Change; No Repair Needed; Good; 472746
GRNV65R2	7/14/2014 9:30	7.9	6.3	18.7	67.1	-5.26	-3.49	77	7	2	-26.82	Slightly Closed; No Repair Needed; Fair
GRNV65R2	7/14/2014 9:31	9.3	6.7	18.5	65.5	-1.33	-1.24	77	4	4	-25.83	2nd Reading; No Repair Needed; Fair
GRNV65R2	7/28/2014 9:11	58.2	41.8	0	0	0.06	-0.37	71	3	0	-26.59	Slightly Open; No Repair Needed; Good
GRNV65R2	7/28/2014 9:12	57.9	42.1	0	0	-0.12	-0.1	72	7	4	-26.67	2nd Reading; No Repair Needed; Good
GRNV65R2	8/12/2014 8:01	57.8	40.2	0	2	0.17	-0.16	77	5	11	-26.63	Slightly Open; No Repair Needed; Good
GRNV65R2	8/12/2014 8:02	57.7	41.8	0.1	0.4	-0.46	-0.44	76	6	6	-26.59	2nd Reading; No Repair Needed; Good
GRNV65R2	8/27/2014 7:45	58.4	38.5	0	3.1	0.09	-1.16	71	6	9	-25.77	Slightly Open; No Repair Needed; Good
GRNV65R2	8/27/2014 7:46	58.6	40.7	0	0.7	-0.2	-0.17	70	6	6	-25.98	2nd Reading; No Repair Needed; Good
GRNV65R2	9/10/2014 9:12	57.5	40.1	0	2.4	0.37	-1.01	82	6	11	-26.59	Slightly Open; No Repair Needed; Good
GRNV65R2	9/10/2014 9:12	57.7	42.1	0.2	0	-0.77	-0.75	84	6	5	-26.63	2nd Reading; No Repair Needed; Good
GRNV65R2	9/25/2014 7:29	49.7	36.8	2.5	11	-0.02	-0.03	59	6	5	-27.02	No Change; No Repair Needed; Good
GRNV65R2	10/9/2014 8:49	2.7	7.8	19.7	69.8	-6.51	-6.51	56	3	0	-16.57	Slightly Closed; No Repair Needed; Fair; camera investigation required
GRNV65R2	10/9/2014 8:50	2.8	2.8	20.6	73.8	-6.51	-6.51	55	7	2	-16.27	2nd Reading; No Repair Needed; Fair
GRNV65R2	10/23/2014 7:44	59.3	39.5	0	1.2	4.13	-0.36	50	8	0	-15.32	Slightly Open; No Repair Needed; Good
GRNV65R2	10/23/2014 7:45	58.7	41.3	0	0	-7.89		47	4		-15.28	2nd Reading; No Repair Needed; Good
GRNV65R2	11/5/2014 7:31	12.2	20.9	15.2	51.7	-24.46	-23.43	55	12	3	-26.59	Slightly Closed; No Repair Needed; Fair
GRNV65R2	11/5/2014 7:31	18.5	13.2	14.4	53.9	-21.35		53	9		-26.97	2nd Reading; No Repair Needed; Fair
GRNV65R2	11/19/2014 8:08	59.8	38.8	0	1.4	9.88	-2.53	22	6	15	-26.63	Slightly Open; No Repair Needed; Fair
GRNV65R2	11/19/2014 8:09	59.4	39.3	0	1.3	-15.88		22	15		-26.67	2nd Reading; No Repair Needed; Fair
GRNV65R2	12/5/2014 7:37	9.6	13.5	17.3	59.6	-16.05	-15.57	42	0	0	-15.93	Slightly Closed; No Repair Needed; Fair
GRNV65R2	12/5/2014 7:38	4.7	6.5	19.1	69.7	-14.75		41	4		-16.23	2nd Reading; No Repair Needed; Fair
GRNV65R2	12/18/2014 7:47	57.9	39.3	0	2.8	-0.34		29	7		-19.77	No Change; No Repair Needed; Good
GRNV65R2	1/8/2015 7:59	59.5	38.3	0	2.2	11.13	-3.66	2	13	7	-23.22	Slightly Open; No Repair Needed; Good
GRNV65R2	1/8/2015 7:59	59.4	39.4	0	1.2	-10.31		2	18		-23.82	2nd Reading; No Repair Needed; Good
GRNV65R2	1/22/2015 7:38	9.5	11.6	17.6	61.3	-26.49	-25.84	34	6	2	-29.09	Slightly Closed; No Repair Needed; Fair
GRNV65R2	1/22/2015 7:39	13.9	9.8	16.4	59.9	-24.07		32	4		-29.35	2nd Reading; No Repair Needed; Fair
GRNV65R2	2/3/2015 7:46	60.5	38.6	0	0.9	3.29	-0.13	24	0	0	-27.67	Slightly Open; No Repair Needed; Fair
GRNV65R2	2/3/2015 7:48	59.2	40.8	0	0	-7.16		22	0		-26.93	2nd Reading; No Repair Needed; Fair
GRNV65R2	3/3/2015 8:00	39.8	25	6.9	28.3	-0.94	-0.87	32	10	7	-19.21	Slightly Closed; No Repair Needed; Fair
GRNV65R2	3/3/2015 8:01	43.8	28.8	4.8	22.6	-0.36		30	10		-18.99	2nd Reading; No Repair Needed; Good
GRNV65R2	3/18/2015 7:31	61.4	37.3	0	1.3	1.96	-0.99	30	4	4	-18.17	Slightly Open; No Repair Needed; Good
GRNV65R2	3/18/2015 7:32	60.7	38.7	0	0.6	-3.95		30	14		-17.26	2nd Reading; No Repair Needed; Fair
GRNV65R2	4/2/2015 7:39	18.9	13.8	14.6	52.7	-8.58	-8.24	56	0	0	-22.01	Slightly Closed; No Repair Needed; Fair
GRNV65R2	4/2/2015 7:40	26.4	17.8	11.3	44.5	-6.82		55	0		-22.18	2nd Reading; No Repair Needed; Fair
GRNV65R2	4/2/2015 10:46	46.8	29.3	4.4	19.5	-0.08		68	2		-23.26	No Change; No Repair Needed; Fair
GRNV65R2	4/17/2015 9:37	26.2	17.6	11.6	44.6	-3.14	-2.9	76	4	1	-22.4	Slightly Closed; No Repair Needed; Fair
GRNV65R2	4/17/2015 9:38	26.5	18.1	11.4	44	-2.28		77	4		-22.62	2nd Reading; No Repair Needed; Fair

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNV65R2	4/17/2015 13:36	49.9	34	3.3	12.8	-2.11		83	0		-19.59	No Change; No Repair Needed; Good
GRNV65R2	5/5/2015 7:59	20.5	22.5	12.4	44.6	-24.55	-23.86	68	3	2	-27.62	Slightly Closed; No Repair Needed; Fair
GRNV65R2	5/5/2015 8:00	25.2	18.6	12.4	43.8	-21.35		67	2		-27.49	2nd Reading; No Repair Needed; Fair
GRNV65R2	5/20/2015 9:12	18.5	22.8	7.1	51.6	-0.5	-0.45	68	2	1	-26.54	Slightly Closed; No Repair Needed; Fair
GRNV65R2	5/20/2015 9:12	18.3	22.3	7.2	52.2	-0.89		69	0		-26.59	2nd Reading; No Repair Needed; Fair
GRNV65R2	6/1/2015 9:14	11.3	21.9	6.6	60.2	-0.71	-0.68	62	0	0	-26.63	Slightly Closed; No Repair Needed; Fair
GRNV65R2	6/1/2015 9:15	10.3	20.2	7.8	61.7	-1.55		61	2		-26.46	2nd Reading; No Repair Needed; Fair
GRNV65R2	6/16/2015 9:11	8.3	21.3	7.7	62.7	-0.87	-0.87	84	3	4	-22.1	No Change; No Repair Needed; Fair; valve barely cracked
GRNV65R2	6/16/2015 9:12	7.4	19.5	8.7	64.4	-1.29		85	6		-21.75	2nd Reading; No Repair Needed; Fair
GRNV65R2	7/2/2015 7:54	6.1	22.5	6.5	64.9	-0.85	-0.84	72	5	2	-20.16	Slightly Closed; No Repair Needed; Fair
GRNV65R2	7/2/2015 7:55	5.4	21.3	7.3	66	-1.44		71	4		-19.68	2nd Reading; No Repair Needed; Fair
GRNV65R2	7/15/2015 9:34	2.3	8.1	14.3	75.3	-1.13	-1.13	75	3	1	-26.63	Slightly Closed; No Repair Needed; Fair; pinched
GRNV65R2	7/15/2015 9:35	2.1	8	14.4	75.5	-1.67		74	6		-26.67	2nd Reading; No Repair Needed; Fair; pinched
GRNV65R2	7/27/2015 9:29	4.5	21	6.8	67.7	-0.56	-0.55	80	6	7	-19.38	Slightly Closed; No Repair Needed; Fair; pinched
GRNV65R2	7/27/2015 9:30	4	20.8	7	68.2	-1.03		79	8		-18.99	2nd Reading; No Repair Needed; Fair; pinched
GRNVL08R	7/14/2014 12:22	49.7	34.9	0	15.4	-1.79	-1.75	104	36	35	-16.62	No Change; No Repair Needed; Good; 68085
GRNVL08R	7/28/2014 11:17	47.7	36.2	0	16.1	-2.72	-2.57	102	10	2	-18.99	Slightly Closed; No Repair Needed; Good; 68363
GRNVL08R	7/28/2014 11:17	47.7	36.7	0	15.6	-2.54	-2.54	99	4	5	-17.95	2nd Reading; No Repair Needed; Good
GRNVL08R	8/12/2014 10:28	52.6	35.8	0	11.6	-0.86	-0.86	89	5	5	-18.34	No Change; No Repair Needed; Good; 68558
GRNVL08R	8/27/2014 9:58	51.7	34.5	0	13.8	-0.98	-0.97	91	6	6	-17.52	No Change; No Repair Needed; Good; 68733
GRNVL08R	9/10/2014 11:14	54.5	37.6	0	7.9	-1.28	-1.3	90	6	6	-18.52	Slightly Open; No Repair Needed; Good; 68857
GRNVL08R	9/10/2014 11:14	54.9	38.5	0	6.6	-1.32	-1.34	91	8	7	-17.65	2nd Reading; No Repair Needed; Good
GRNVL08R	9/25/2014 9:40	49.5	36	0	14.5	-1.75	-1.74	95	11	7	-18.48	No Change; No Repair Needed; Good; 69061
GRNVL08R	10/9/2014 11:08	55.5	35.1	0	9.4	-1.82	-1.88	94	14	10	-20.41	Slightly Open; No Repair Needed; Good; 69284
GRNVL08R	10/9/2014 11:09	54.6	36.4	0	9	-1.93	-1.94	96	13	12	-20.2	2nd Reading; No Repair Needed; Good
GRNVL08R	10/23/2014 10:00	49.3	35.1	0	15.6	-2.36		95	9		-14.59	No Change; No Repair Needed; Good; 69517
GRNVL08R	11/5/2014 10:35	46.6	34.6	0	18.8	-2.36	-2.3	97	16	11	-20.37	Slightly Closed; No Repair Needed; Good; 69756
GRNVL08R	11/5/2014 10:36	46.4	35.2	0	18.4	-2.22		94	10		-19.46	2nd Reading; No Repair Needed; Good
GRNVL08R	11/19/2014 10:47	51.7	33.9	0	14.4	-0.01		83	14		-19.55	No Change; No Repair Needed; Good; 69934
GRNVL08R	12/5/2014 10:01	57.3	35.2	0	7.5	-1.64		87	8		-15.54	No Change; No Repair Needed; Good; 70262
GRNVL08R	12/18/2014 9:56	56.7	37.1	0	6.2	-2.26		87	6		-16.92	No Change; No Repair Needed; Good; 70471
GRNVL08R	1/22/2015 10:11	56.9	36.5	0	6.6	-5.78	-5.87	89	7	7	-16.53	Slightly Open; No Repair Needed; Good; 71211
GRNVL08R	1/22/2015 10:12	56.5	38.5	0	5	-6.13		91	13		-17.26	2nd Reading; No Repair Needed; Good
GRNVL08R	2/3/2015 10:25	52.9	37.2	0	9.9	-7.85		94	7		-20.76	No Change; No Repair Needed; Good; 71737
GRNVL08R	3/3/2015 10:33	58.3	35.4	0	6.3	-1.8	-1.91	94	14	14	-14.29	Slightly Open; No Repair Needed; Good; 72451
GRNVL08R	3/3/2015 10:34	57.9	36.5	0	5.6	-1.94		97	24		-14.07	2nd Reading; No Repair Needed; Good
GRNVL08R	3/18/2015 10:05	57.9	35	0	7.1	-4.85		99	10		-15.45	No Change; No Repair Needed; Good; 72947
GRNVL08R	4/2/2015 10:07	49.2	33.2	0.1	17.5	-3.99		101	16		-17.13	No Change; No Repair Needed; Good; 73702
GRNVL08R	4/17/2015 12:47	53.2	34.6	0	12.2	-5.78		102	12		-15.19	No Change; No Repair Needed; Good; 74385
GRNVL08R	5/5/2015 10:30	47	33	0	20	-6.17	-5.87	104	15	12	-19.98	Slightly Closed; No Repair Needed; Good; 75439
GRNVL08R	5/5/2015 10:30	46.4	33	0	20.6	-5.87		103	9		-20.72	2nd Reading; No Repair Needed; Good
GRNVL08R	5/20/2015 12:58	40.1	31.4	0	28.5	-3.72	-3.62	100	8	7	-19.68	Slightly Closed; No Repair Needed; Good; 76129
GRNVL08R	5/20/2015 12:58	39.7	31.5	0	28.8	-3.49		98	2		-19.68	2nd Reading; No Repair Needed; Good
GRNVL08R	6/1/2015 12:40	49.7	34	0	16.3	-2.69		82	7		-20.07	No Change; No Repair Needed; Good; 76528

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVL08R	6/16/2015 13:07	51.5	36.6	0	11.9	-1.46		95	2		-16.23	No Change; No Repair Needed; Good; 77001
GRNVL08R	7/2/2015 11:34	52.5	36.5	0	11	-2.06		80	5		-16.23	No Change; No Repair Needed; Good; 77443
GRNVL08R	7/27/2015 13:17	51.3	34.8	0.1	13.8	-1.16		93	8		-19.68	No Change; No Repair Needed; Good; 78284
GRNVL10R	7/14/2014 12:45	54.6	35.9	0.4	9.1	-1.64	-1.6	124	12	14	-18.47	No Change; No Repair Needed; Good; 608
GRNVL10R	7/28/2014 12:17	52.5	36.1	0.6	10.8	-1.65	-1.64	123	27	27	-15.88	No Change; No Repair Needed; Good; 608
GRNVL10R	8/12/2014 11:43	55.5	36.3	0.4	7.8	-1.35	-1.36	128	30	28	-19.03	No Change; No Repair Needed; Good; 608
GRNVL10R	8/27/2014 11:40	55.6	36.5	0.5	7.4	-1.58	-1.61	125	27	31	-18.13	No Change; No Repair Needed; Good; 608
GRNVL10R	9/10/2014 12:29	55.7	37.2	0.5	6.6	-1.6	-1.65	122	34	35	-19.29	No Change; No Repair Needed; Good; 608
GRNVL10R	9/25/2014 11:09	54.8	36.2	0.5	8.5	-1.55	-1.54	126	19	18	-19.85	No Change; No Repair Needed; Good; 608
GRNVL10R	10/9/2014 12:14	54.9	35.9	0.7	8.5	-2.16	-2.16	119	18	20	-20.76	No Change; No Repair Needed; Good; 608
GRNVL10R	10/23/2014 11:41	54	34.5	1	10.5	-1.69		118	39		-18.6	No Change; No Repair Needed; Good
GRNVL10R	11/5/2014 12:23	50.8	34.6	0.5	14.1	-1.62		120	29		-18.56	No Change; No Repair Needed; Good; 608
GRNVL10R	11/19/2014 12:03	54	33.1	0.4	12.5	-0.48		115	30		-10.7	No Change; No Repair Needed; Good; 608
GRNVL10R	12/5/2014 11:37	56.3	34.7	0.5	8.5	-1.38		118	17		-15.84	No Change; No Repair Needed; Good; 608
GRNVL10R	12/18/2014 11:32	57.7	35.3	0.6	6.4	-1.19		124	0		-17.91	No Change; No Repair Needed; Good; 608
GRNVL10R	1/22/2015 12:07	46.2	32.4	1.1	20.3	-2.59	-2.37	115	16	12	-17.57	Slightly Closed; No Repair Needed; Good; 608
GRNVL10R	1/22/2015 12:08	45.8	33	1.4	19.8	-1.99		110	11		-16.92	2nd Reading; No Repair Needed; Good
GRNVL10R	2/3/2015 12:23	43.8	28.9	1.5	25.8	-1.7	-1.62	104	0	0	-20.37	Slightly Closed; No Repair Needed; Good; 608
GRNVL10R	2/3/2015 12:24	43.1	31.1	1.5	24.3	-1.53		101	0		-19.59	2nd Reading; No Repair Needed; Good
GRNVL10R	3/3/2015 11:52	63.5	35.4	0	1.1	1.07	-0.03	102	0	10	-13.47	Slightly Open; No Repair Needed; Good; 608
GRNVL10R	3/3/2015 11:54	62.6	34.9	0	2.5	-0.2		128	14		-12.82	2nd Reading; No Repair Needed; Good
GRNVL10R	3/18/2015 11:28	52.7	32	0.7	14.6	-2.61		124	19		-15.19	No Change; No Repair Needed; Good; 608
GRNVL10R	4/2/2015 11:40	42.2	27.5	0.7	29.6	-2.89	-2.15	118	13	9	-16.92	Slightly Closed; No Repair Needed; Good; 608
GRNVL10R	4/2/2015 11:41	41.9	31.7	0.9	25.5	-1.79		113	7		-17.61	2nd Reading; No Repair Needed; Good
GRNVL10R	4/17/2015 13:05	38.6	30.6	0.7	30.1	-1.34	-1.01	111	10	3	-15.54	Slightly Closed; No Repair Needed; Good; 608
GRNVL10R	4/17/2015 13:06	36.3	29.1	1.9	32.7	-0.85		107	6		-16.23	2nd Reading; No Repair Needed; Good
GRNVL10R	5/5/2015 13:01	43.6	30.6	1.3	24.5	-0.56	-0.51	95	6	5	-20.72	Slightly Closed; No Repair Needed; Good; 608
GRNVL10R	5/5/2015 13:02	43.6	29.7	1.5	25.2	-0.47		95	7		-21.36	2nd Reading; No Repair Needed; Good
GRNVL10R	5/20/2015 13:24	53.1	32.4	2.2	12.3	-0.02		80	7		-20.67	No Change; No Repair Needed; Good; 612
GRNVL10R	6/1/2015 13:00	61.9	35.3	0	2.8	0.13	-0.01	74	8	7	-20.76	Slightly Open; No Repair Needed; Good
GRNVL10R	6/1/2015 13:01	63.2	35.3	0.3	1.2	-0.04		78	8		-20.28	2nd Reading; No Repair Needed; Good; 612
GRNVL10R	6/16/2015 13:31	61.9	35.7	0	2.4	0.2	-0.12	112	4	6	-16.23	Slightly Open; No Repair Needed; Good
GRNVL10R	6/16/2015 13:33	62.4	35.6	0	2	-0.09		122	8		-14.46	2nd Reading; No Repair Needed; Good
GRNVL10R	7/2/2015 13:03	61.2	36.8	0	2	-0.43	-0.54	124	2	6	-19.64	Slightly Open; No Repair Needed; Good
GRNVL10R	7/2/2015 13:04	61.7	36.4	0	1.9	-0.68		127	11		-20.63	2nd Reading; No Repair Needed; Good
GRNVL10R	7/27/2015 13:39	48.7	35.3	0	16	-0.83		126	28		-12.13	No Change; No Repair Needed; Good
GRNVL13R	7/14/2014 11:45	44.7	34	0.1	21.2	-16.2	-13.49	114	28	12	-17.31	Slightly Closed; No Repair Needed; Good; 140029
GRNVL13R	7/14/2014 11:46	44.3	34.8	0	20.9	-12.49	-12.49	113	16	15	-18.6	2nd Reading; No Repair Needed; Good
GRNVL13R	7/28/2014 10:37	51	35.7	0	13.3	-8.2	-7.89	111	9	16	-18.64	No Change; No Repair Needed; Good; 141549
GRNVL13R	8/12/2014 9:37	53.1	36.4	0	10.5	-7.94	-7.94	113	21	16	-19.38	No Change; No Repair Needed; Good; 142288
GRNVL13R	8/27/2014 9:16	54.4	36.2	0	9.4	-7.59	-7.85	113	11	19	-16.31	Slightly Open; No Repair Needed; Good; 144035
GRNVL13R	8/27/2014 9:17	54.2	36.4	0	9.4	-7.89	-7.89	113	19	17	-15.93	2nd Reading; No Repair Needed; Good
GRNVL13R	9/10/2014 10:37	55.8	36.5	0	7.7	-8.93	-9.32	112	21	22	-16.96	Slightly Open; No Repair Needed; Good; 144662
GRNVL13R	9/10/2014 10:38	56.7	38.4	0	4.9	-9.36	-9.32	112	21	24	-17.61	2nd Reading; No Repair Needed; Good
GRNVL13R	9/25/2014 9:05	51.8	35.9	0	12.3	-10.04	-10.04	111	21	21	-16.69	No Change; No Repair Needed; Good; 146182

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVL13R	10/9/2014 10:30	54.9	35.6	0	9.5	-10.96	-11.3	112	25	24	-20.72	Slightly Open; No Repair Needed; Good; 147291
GRNVL13R	10/9/2014 10:31	55.3	36.6	0	8.1	-11.69	-11.65	112	33	31	-19.64	2nd Reading; No Repair Needed; Good
GRNVL13R	10/23/2014 9:24	54	35.2	0	10.8	-12.51	-13.07	111	24	39	-20.59	Slightly Open; No Repair Needed; Good; 147726
GRNVL13R	10/23/2014 9:25	54.6	37.2	0	8.2	-13.24		111	35		-20.2	2nd Reading; No Repair Needed; Good
GRNVL13R	11/5/2014 9:14	50.1	33.5	0	16.4	-12.51		111	29		-17.31	No Change; No Repair Needed; Good; 148859
GRNVL13R	11/19/2014 10:14	53.7	36.3	0	10	-8.28		107	13		-11.09	No Change; No Repair Needed; Good; 149326
GRNVL13R	12/5/2014 9:24	56.9	35.5	0.2	7.4	-10.27		110	29		-15.49	No Change; No Repair Needed; Good; 151629
GRNVL13R	12/18/2014 9:21	57.1	34.1	0.2	8.6	-11.35		109	27		-16.4	No Change; No Repair Needed; Good; 153277
GRNVL13R	1/22/2015 9:31	58	37.4	0.3	4.3	-8.89	-9.58	107	15	28	-12.04	Slightly Open; No Repair Needed; Good; 155525
GRNVL13R	1/22/2015 9:31	57.8	37.4	0.2	4.6	-9.58		108	27		-11.74	2nd Reading; No Repair Needed; Good
GRNVL13R	2/3/2015 9:48	61.8	37.1	0	1.1	1.85	1.86	30	0	0	1.73	No Change; No Repair Needed; Fair; 156974
GRNVL13R	2/3/2015 9:49	61.1	38.9	0	0	1.88		29	0		1.73	2nd Reading; No Repair Needed; Fair
GRNVL13R	2/17/2015 10:51	61.1	38.5	0.4	0	1.76	1.74	32	0	0	1.68	No Change; No Repair Needed; Fair; sump frozen; 157755
GRNVL13R	2/17/2015 10:52	61.1	38.8	0.1	0	1.75		34	0		1.68	2nd Reading; No Repair Needed; Fair
GRNVL13R	3/3/2015 9:49	57.3	35.2	0.2	7.3	-12.42		107	24		-14.93	No Change; No Repair Needed; Good; 158452
GRNVL13R	3/18/2015 9:29	60.4	35.4	0.8	3.4	-13.59		106	18		-15.28	No Change; No Repair Needed; Good; 160071
GRNVL13R	4/2/2015 9:36	55.1	31.6	0.9	12.4	-14.15		109	24		-16.57	No Change; No Repair Needed; Good; 161477
GRNVL13R	5/5/2015 9:52	3.7	1.9	19.9	74.5	-1.04	-1.11	88	3	6	-1.04	No Change; No Repair Needed; Fair; 166005
GRNVL13R	5/5/2015 9:53	4.3	1.3	19.8	74.6	-1.1		92	6		-1.34	2nd Reading; No Repair Needed; Fair
GRNVL13R	5/20/2015 12:18	63.2	35.5	0	1.3	1.49	1.49	77	4	5	1.38	No Change; No Repair Needed; Fair; 167527; camera investigation
GRNVL13R	5/20/2015 12:18	63	36.2	0	0.8	1.45		78	6		1.38	2nd Reading; No Repair Needed; Fair
GRNVL13R	6/1/2015 12:03	58.3	35.6	0.6	5.5	-9.97	-10.35	106	13	20	-19.72	Slightly Open; No Repair Needed; Good; 168103
GRNVL13R	6/1/2015 12:04	58.5	36.1	0.6	4.8	-11		107	19		-21.54	2nd Reading; No Repair Needed; Good
GRNVL13R	6/16/2015 12:26	54.8	35.7	0.4	9.1	-9.36	-9.71	110	30	26	-16.92	Slightly Open; No Repair Needed; Good; 169786
GRNVL13R	6/16/2015 12:27	55	36.1	0.3	8.6	-9.66		110	24		-15.88	2nd Reading; No Repair Needed; Good
GRNVL13R	7/2/2015 10:51	59.6	36.8	0.2	3.4	-11.3	-11.95	109	20	30	-19.68	Slightly Open; No Repair Needed; Good; 171942
GRNVL13R	7/2/2015 10:52	60	37.6	0.1	2.3	-12.68		110	33		-20.2	2nd Reading; No Repair Needed; Good
GRNVL13R	7/27/2015 12:35	57.7	35.8	0.3	6.2	-11.99	-12.47	110	8	25	-15.54	Slightly Open; No Repair Needed; Good; 176485
GRNVL13R	7/27/2015 12:37	59.1	37	0.4	3.5	-13.03		110	23		-15.19	2nd Reading; No Repair Needed; Good
GRNVL18R	7/14/2014 12:39	51.9	33.7	0.1	14.3	-3.23	-3.24	93	6	7	-21.27	No Change; No Repair Needed; Good; 290
GRNVL18R	7/28/2014 11:36	53.8	34.4	0.2	11.6	-3.15	-3.14	89	31	31	-18.69	No Change; No Repair Needed; Good
GRNVL18R	8/12/2014 10:46	58.3	35.3	0	6.4	-1.58	-1.86	94	11	7	-22.92	Slightly Open; No Repair Needed; Good; 291
GRNVL18R	8/12/2014 10:46	58.4	37.2	0	4.4	-2.05	-2.03	95	9	11	-23.95	2nd Reading; No Repair Needed; Good
GRNVL18R	8/27/2014 10:16	57.9	35.4	0.1	6.6	-2.39	-2.9	96	11	10	-24.43	Slightly Open; No Repair Needed; Good; 291
GRNVL18R	8/27/2014 10:17	59.7	37	0	3.3	-3.44	-3.49	97	12	13	-23.09	2nd Reading; No Repair Needed; Good
GRNVL18R	9/10/2014 11:31	57.5	36.1	0.2	6.2	-3.78	-4.27	97	10	16	-22.1	Slightly Open; No Repair Needed; Good; 291
GRNVL18R	9/10/2014 11:32	58.2	38.2	0	3.6	-4.7	-4.69	98	15	16	-23.26	2nd Reading; No Repair Needed; Good
GRNVL18R	9/25/2014 9:56	53.6	37.8	0	8.6	-5.13	-5.13	97	35	35	-23.6	No Change; No Repair Needed; Good; 291
GRNVL18R	10/9/2014 11:23	57.4	34.5	0.1	8	-5.13	-5.82	96	32	37	-21.62	Slightly Open; No Repair Needed; Good; 291
GRNVL18R	10/9/2014 11:24	57.7	37.2	0	5.1	-6.47	-6.47	97	19	19	-22.74	2nd Reading; No Repair Needed; Good
GRNVL18R	10/23/2014 10:17	52.3	36.5	0	11.2	-6.56		96	17		-21.62	No Change; No Repair Needed; Good; 291
GRNVL18R	11/5/2014 10:54	50.7	33.3	0	16	-7.2		96	22		-23	No Change; No Repair Needed; Good; 291
GRNVL18R	11/19/2014 11:04	51.8	34.4	0	13.8	-4.68		94	34		-21.54	No Change; No Repair Needed; Good; 291

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVL18R	12/5/2014 10:14	57.6	33.1	0	9.3	-6.51		96	20		-16.49	No Change; No Repair Needed; Good; 295
GRNVL18R	12/18/2014 10:08	57.3	36.3	0	6.4	-7.89		95	34		-17.35	No Change; No Repair Needed; Good; 295
GRNVL18R	1/22/2015 10:25	54.4	35.8	0	9.8	-9.92	-10.61	95	21	29	-23.44	Slightly Open; No Repair Needed; Good
GRNVL18R	1/22/2015 10:26	54.1	37.4	0	8.5	-10.96		95	33		-23.87	2nd Reading; No Repair Needed; Good; 295
GRNVL18R	2/3/2015 10:44	42.3	33.6	0	24.1	-13.89	-11.99	93	33	19	-24.77	Slightly Closed; No Repair Needed; Good; 295
GRNVL18R	2/3/2015 10:45	41.8	34.6	0	23.6	-11		91	15		-24.9	2nd Reading; No Repair Needed; Good
GRNVL18R	3/3/2015 10:49	55.8	33.9	0	10.3	-4.59	-5.44	86	17	17	-14.11	Slightly Open; No Repair Needed; Good; 295
GRNVL18R	3/3/2015 10:50	55.8	34.5	0	9.7	-5.74		88	22		-14.16	2nd Reading; No Repair Needed; Good
GRNVL18R	3/18/2015 10:17	58.4	34.5	0	7.1	-8.93		93	12		-17.09	No Change; No Repair Needed; Good; 295
GRNVL18R	4/2/2015 10:20	50.4	33.3	0.2	16.1	-9.92		94	15		-20.89	No Change; No Repair Needed; Good
GRNVL18R	4/17/2015 12:59	49	32.1	0	18.9	-9.58		95	19		-18.3	No Change; No Repair Needed; Good; 295
GRNVL18R	5/5/2015 12:52	50.4	33.5	0	16.1	-12.42		97	18		-23.48	No Change; No Repair Needed; Good; 295
GRNVL18R	5/20/2015 13:13	46.6	31.6	0.1	21.7	-11.35	-9.23	97	17	10	-24.51	Slightly Closed; No Repair Needed; Good; 295
GRNVL18R	5/20/2015 13:14	47.4	33	0.1	19.5	-7.89		96	6		-25.29	2nd Reading; No Repair Needed; Good
GRNVL18R	6/1/2015 12:52	51.8	33.4	0.1	14.7	-6.86		93	14		-23.39	No Change; No Repair Needed; Good; 295
GRNVL18R	6/16/2015 13:22	54.2	34.5	0	11.3	-4.96		96	13		-17.22	No Change; No Repair Needed; Good; 297
GRNVL18R	7/2/2015 12:54	56.9	35.2	0	7.9	-5.48	-6.13	90	10	10	-16.57	Slightly Open; No Repair Needed; Good; 297
GRNVL18R	7/2/2015 12:55	58.1	36.7	0	5.2	-6.47		91	10		-17.22	2nd Reading; No Repair Needed; Good
GRNVL18R	7/27/2015 13:32	56.6	35.6	0.4	7.4	-7.12	-8.07	97	14	15	-17.65	Slightly Open; No Repair Needed; Good; 304
GRNVL18R	7/27/2015 13:32	57.8	36.7	0.5	5	-8.24		97	19		-17.31	2nd Reading; No Repair Needed; Good
GRNVL26R	7/14/2014 11:31	54.2	37.3	0	8.5	-8.32	-8.27	102	28	30	-23.29	No Change; No Repair Needed; Good; 156909
GRNVL26R	7/28/2014 10:24	50.2	36.9	0	12.9	-9.23	-9.23	102	20	21	-24.08	No Change; No Repair Needed; Good; 156938
GRNVL26R	8/12/2014 9:23	49.9	35.8	0	14.3	-9.32	-9.36	103	29	27	-25.64	No Change; No Repair Needed; Good; 156954
GRNVL26R	8/27/2014 9:01	53.7	35.6	0	10.7	-9.28	-9.28	103	29	32	-24.9	No Change; No Repair Needed; Good; 156954
GRNVL26R	9/10/2014 10:25	54	36.3	0	9.7	-9.36	-9.36	103	29	27	-25.9	No Change; No Repair Needed; Good; 156954
GRNVL26R	9/25/2014 8:53	52.7	36.6	0	10.7	-9.35	-9.35	101	27	24	-25.35	No Change; No Repair Needed; Good; 156954
GRNVL26R	10/9/2014 10:17	55	35.4	0.1	9.5	-9.23	-9.58	101	19	27	-22.83	Slightly Open; No Repair Needed; Good; 156954
GRNVL26R	10/9/2014 10:18	55.3	36.8	0	7.9	-9.92	-9.92	101	33	30	-22.87	2nd Reading; No Repair Needed; Good
GRNVL26R	10/23/2014 9:12	52.9	36.2	0	10.9	-10.66		100	20		-23.09	No Change; No Repair Needed; Good; 156954
GRNVL26R	11/5/2014 9:01	49.9	34.2	0	15.9	-11.69		99	35		-24.77	No Change; No Repair Needed; Good; 156954
GRNVL26R	11/19/2014 10:02	53.5	35	0	11.5	-5.91		96	20		-12.43	No Change; No Repair Needed; Good; 156954
GRNVL26R	12/5/2014 9:12	56.1	36.8	0	7.1	-7.16		97	13		-15.88	No Change; No Repair Needed; Good; 156954
GRNVL26R	12/18/2014 9:10	55.9	36.5	0	7.6	-10.31		98	25		-19.51	No Change; No Repair Needed; Good; 156954
GRNVL26R	1/22/2015 9:12	46.1	32.1	0.1	21.7	-14.75	-14.06	98	26	20	-24.73	Slightly Closed; No Repair Needed; Good; 156954
GRNVL26R	1/22/2015 9:13	44.9	34.2	0	20.9	-13.37		97	20		-24.47	2nd Reading; No Repair Needed; Good
GRNVL26R	2/3/2015 9:30	46.7	31.8	0.1	21.4	-13.03	-12.34	95	20	19	-25.42	Slightly Closed; No Repair Needed; Good; 156954
GRNVL26R	2/3/2015 9:31	46.1	34	0	19.9	-11.65		94	17		-25.94	2nd Reading; No Repair Needed; Good
GRNVL26R	3/3/2015 9:35	56.7	34.5	0	8.8	-5.78	-6.08	92	18	20	-17.48	Slightly Open; No Repair Needed; Good; 156954
GRNVL26R	3/3/2015 9:36	57.1	36.3	0	6.6	-6.43		93	19		-16.49	2nd Reading; No Repair Needed; Good
GRNVL26R	3/18/2015 9:12	59.8	36.3	0.4	3.5	-9.58	-10.31	93	19	15	-17.65	Slightly Open; No Repair Needed; Good; 156954
GRNVL26R	3/18/2015 9:13	59.1	37	0.3	3.6	-10.91		94	18		-17.44	2nd Reading; No Repair Needed; Good
GRNVL26R	4/2/2015 9:23	51.3	32.3	0.6	15.8	-13.29		96	16		-20.8	No Change; No Repair Needed; Good; 156954
GRNVL26R	4/17/2015 12:02	55.6	34.3	0	10.1	-13.68		98	19		-19.85	No Change; No Repair Needed; Good; 156954
GRNVL26R	5/5/2015 9:35	47.6	33.7	0	18.7	-16.87	-16.18	98	20	19	-25.33	Slightly Closed; No Repair Needed; Good; 156954
GRNVL26R	5/5/2015 9:37	47.7	33.9	0	18.4	-15.06		98	19		-25.68	2nd Reading; No Repair Needed; Good

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVL26R	5/20/2015 12:05	48.4	33.2	0.2	18.2	-13.03		98	19		-25.25	No Change; No Repair Needed; Good; 156954
GRNVL26R	6/1/2015 11:50	46.6	32.8	0	20.6	-12.38	-12.04	98	14	19	-23.39	Slightly Closed; No Repair Needed; Good; 156954
GRNVL26R	6/1/2015 11:51	46.6	33.8	0	19.6	-11.52		98	17		-24.17	2nd Reading; Good
GRNVL26R	6/16/2015 12:14	51.6	35.7	0	12.7	-8.63		100	16		-18.64	No Change; No Repair Needed; Good; 156954
GRNVL26R	7/2/2015 10:36	57.1	37	0	5.9	-7.89	-8.24	97	19	16	-17.57	Slightly Open; No Repair Needed; Good; 156954
GRNVL26R	7/2/2015 10:37	56.7	37.9	0	5.4	-8.54		97	19		-17.91	2nd Reading; No Repair Needed; Good
GRNVL26R	7/27/2015 12:21	59	37.3	0	3.7	-10.31	-11.99	99	17	19	-17.87	Slightly Open; No Repair Needed; Good; 156964
GRNVL26R	7/27/2015 12:22	59.4	38.3	0	2.3	-12.68		99	20		-18.04	2nd Reading; No Repair Needed; Good
GRNVL32R	7/14/2014 12:42	52.9	36	0	11.1	-20.16	-20.34	129	19	28	-21.91	No Change; No Repair Needed; Good; 613352
GRNVL32R	7/28/2014 12:14	51.3	35.1	0	13.6	-16.09	-16.09	128	23	23	-17.91	No Change; No Repair Needed; Good; 613352
GRNVL32R	8/12/2014 11:46	51.5	36.4	0	12.1	-21.57	-21.53	129	24	29	-24.17	No Change; No Repair Needed; Good; 613352
GRNVL32R	8/27/2014 11:32	54	35.1	0.1	10.8	-21.14	-21.05	130	33	28	-23.78	No Change; No Repair Needed; Good; 613352
GRNVL32R	9/10/2014 12:23	54.1	35.6	0	10.3	-21.57	-21.27	129	32	27	-24.86	No Change; No Repair Needed; Good; 613352
GRNVL32R	9/25/2014 11:04	54	34	0.1	11.9	-21.15	-21.37	128	31	30	-23.9	No Change; No Repair Needed; Good; 613352
GRNVL32R	10/9/2014 11:27	55.5	37.2	0.1	7.2	-20.1	-20.06	128	27	28	-23.13	No Change; No Repair Needed; Good; 613352
GRNVL32R	10/23/2014 10:20	54.1	37.2	0	8.7	-19.28		127	30		-21.88	No Change; No Repair Needed; Good; 613352
GRNVL32R	11/5/2014 10:57	50.7	35.4	0.1	13.8	-21.83		127	32		-23.74	No Change; No Repair Needed; Good; 645685
GRNVL32R	11/19/2014 11:07	50.7	35.7	0.3	13.3	-18.64		126	36		-21.62	No Change; No Repair Needed; Good; 724662
GRNVL32R	12/5/2014 10:17	56.4	36.1	0.4	7.1	-14.75		126	24		-16.57	No Change; No Repair Needed; Good; 725049
GRNVL32R	12/18/2014 10:12	57.3	36.6	0.3	5.8	-16.74		125	20		-18.08	No Change; No Repair Needed; Good; 844703
GRNVL32R	1/22/2015 10:29	56.6	37.2	0.6	5.6	-20.71		125	25		-23.18	No Change; No Repair Needed; Good; 845294
GRNVL32R	2/3/2015 10:48	51.6	35.8	0.7	11.9	-22.78		123	26		-25.03	No Change; No Repair Needed; Good; 845294
GRNVL32R	3/3/2015 10:53	54.8	34.6	0.8	9.8	-12.64		123	21		-14.07	No Change; No Repair Needed; Good; 845294
GRNVL32R	3/18/2015 10:20	55.7	34.5	0.8	9	-15.62		124	25		-17.13	No Change; No Repair Needed; Good; 845294
GRNVL32R	4/2/2015 10:23	52.8	33.4	0.7	13.1	-19.2		125	24		-21.49	No Change; No Repair Needed; Good; 845294
GRNVL32R	4/17/2015 13:02	51.8	33.5	0.2	14.5	-17.52		125	22		-19.29	No Change; No Repair Needed; Good; 845294
GRNVL32R	5/5/2015 12:55	52.7	34.6	0.1	12.6	-22.09		127	33		-25.51	No Change; No Repair Needed; Good; 845294
GRNVL32R	5/20/2015 13:18	48.4	33.8	0.1	17.7	-22.35	-21.23	126	32	22	-25.64	Slightly Closed; No Repair Needed; Good
GRNVL32R	5/20/2015 13:19	48.8	34.2	0.1	16.9	-18.9		126	21		-22.79	2nd Reading; No Repair Needed; Good
GRNVL32R	6/1/2015 12:55	50.5	33.9	0.1	15.5	-17.21		126	22		-21.88	No Change; No Repair Needed; Good; 845294
GRNVL32R	6/16/2015 13:25	52.6	35.3	0	12.1	-13.81		126	22		-18	No Change; No Repair Needed; Good; 845294
GRNVL32R	7/2/2015 12:58	57.2	36.7	0	6.1	-12.68		124	23		-16.92	No Change; No Repair Needed; Good; 845294
GRNVL32R	7/27/2015 13:36	52.7	36.3	0.1	10.9	-12.68		126	22		-16.57	No Change; No Repair Needed; Good; 845294
GRNVL38R	7/14/2014 12:29	57.9	34	0	8.1	-0.46	-0.46	98	0	0	-14.98	No Change; No Repair Needed; Good; 24947
GRNVL38R	7/28/2014 12:19	49.3	34.5	0	16.2	-1.09	-1.09	89	6	6	-15.84	No Change; No Repair Needed; Good; 24947
GRNVL38R	8/12/2014 11:40	59	32.5	0	8.5	-0.4	-0.56	96	0	0	-19.21	Slightly Open; No Repair Needed; Good; 24947
GRNVL38R	8/12/2014 11:41	59.8	34.9	0	5.3	-0.67	-0.69	102	0	0	-20.37	2nd Reading; No Repair Needed; Good
GRNVL38R	8/27/2014 11:43	55	34.9	0	10.1	-0.98	-0.97	125	4	7	-17.95	No Change; Pump Maintenance Required; Good; 24947
GRNVL38R	9/10/2014 12:31	50.5	34.6	0	14.9	-1.17	-1.16	119	5	4	-20.11	No Change; No Repair Needed; Good; 24947
GRNVL38R	9/25/2014 11:11	50.3	35	0	14.7	-1.25	-1.24	119	8	8	-17.33	No Change; No Repair Needed; Good; 24947
GRNVL38R	10/9/2014 12:17	53.7	35.1	0	11.2	-1.75	-1.73	116	11	8	-20.11	No Change; No Repair Needed; Good; 24947
GRNVL38R	10/23/2014 11:44	44.4	33.9	0.1	21.6	-1.47	-1.45	114	8	6	-17.57	Slightly Closed; No Repair Needed; Good; 24947
GRNVL38R	10/23/2014 11:45	44.6	33.6	0	21.8	-1.12		110	6		-19.94	2nd Reading; No Repair Needed; Good

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVL38R	11/5/2014 12:25	51.7	34.2	0.9	13.2	-0.4		61	12		-19.9	No Change; No Repair Needed; Good; counter removed
GRNVL38R	11/19/2014 12:06	62.3	33.7	0	4	0.8	-0.02	50	0	17	-9.32	Slightly Open; No Repair Needed; Good
GRNVL38R	11/19/2014 12:07	63.2	33.9	0	2.9	-0.31		87	10		-9.32	2nd Reading; No Repair Needed; Good
GRNVL38R	12/5/2014 11:39	51.8	34.2	0	14	-2.58		129	30		-15.71	No Change; No Repair Needed; Good
GRNVL38R	12/18/2014 11:34	55.7	34	0	10.3	-3.04		129	0		-15.02	No Change; No Repair Needed; Good
GRNVL38R	1/22/2015 12:11	39	31.5	0	29.5	-5.52	-4.93	122	10	7	-16.79	Slightly Closed; No Repair Needed; Good
GRNVL38R	1/22/2015 12:12	38	32	0	30	-4.36		114	6		-18.3	2nd Reading; No Repair Needed; Good
GRNVL38R	2/3/2015 12:27	52.5	32.2	0.1	15.2	-3.91		50	2		-21.84	No Change; No Repair Needed; Good
GRNVL38R	3/3/2015 11:57	66.2	33.8	0	0	0.75	-0.03	46	0	0	-13.16	Slightly Open; No Repair Needed; Good
GRNVL38R	3/3/2015 11:58	67.2	32.8	0	0	-0.16		66	0		-13.81	2nd Reading; No Repair Needed; Good
GRNVL38R	3/18/2015 11:30	56.5	32.6	0.1	10.8	-3.54		116	5		-15.54	No Change; No Repair Needed; Good
GRNVL38R	4/2/2015 11:43	52.3	33	0	14.7	-2.97		119	23		-17.31	No Change; No Repair Needed; Good
GRNVL38R	4/17/2015 13:08	53	31.8	0	15.2	-4.49		117	8		-15.88	No Change; No Repair Needed; Good
GRNVL38R	5/5/2015 13:04	48.7	31.4	0	19.9	-4.21		123	5		-20.37	No Change; No Repair Needed; Good
GRNVL38R	5/20/2015 13:26	47	30.8	0	22.2	-3.12	-3.04	124	5	6	-20.37	Slightly Closed; No Repair Needed; Good
GRNVL38R	5/20/2015 13:27	46.4	31.2	0	22.4	-2.85		122	6		-20.28	2nd Reading; No Repair Needed; Good
GRNVL38R	6/1/2015 13:03	49.2	32.9	0.1	17.8	-2.26		117	8		-21.28	No Change; No Repair Needed; Good
GRNVL38R	6/16/2015 13:36	53.7	33.6	0	12.7	-1.17		121	8		-11.7	No Change; No Repair Needed; Good
GRNVL38R	7/2/2015 13:06	55.6	34.2	0	10.2	-1.81		111	6		-17.65	No Change; No Repair Needed; Good
GRNVL38R	7/27/2015 13:41	54.2	35.4	0	10.4	-1.28		120	6		-14.85	No Change; No Repair Needed; Good
GRNVL41R	7/14/2014 10:16	47	34.6	0	18.4	-18.74	-16.54	95	9	11	-26.3	Slightly Closed; No Repair Needed; Good
GRNVL41R	7/14/2014 10:17	47.4	32.4	0	20.2	-15.21	-15.17	95	12	11	-26.17	2nd Reading; No Repair Needed; Good
GRNVL41R	7/28/2014 9:59	49.2	33.3	0.1	17.4	-13.68	-13.72	89	13	11	-26.93	No Change; No Repair Needed; Good
GRNVL41R	8/12/2014 8:54	51.5	33.2	0	15.3	-12.68	-12.77	91	13	13	-26.07	No Change; No Repair Needed; Good
GRNVL41R	8/27/2014 8:30	53.9	33.8	0.1	12.2	-12.34	-12.34	92	14	13	-26.2	No Change; No Repair Needed; Good
GRNVL41R	9/10/2014 9:55	56.9	34.5	0	8.6	-12.17	-13.16	90	14	12	-26.33	Slightly Open; No Repair Needed; Good
GRNVL41R	9/10/2014 9:55	57.5	34.6	0	7.9	-14.15	-14.11	90	14	13	-26.97	2nd Reading; No Repair Needed; Good
GRNVL41R	9/25/2014 8:32	49.2	37.5	0.1	13.2	-14.82	-14.82	85	11	11	-26.33	No Change; No Repair Needed; Good
GRNVL41R	10/9/2014 10:03	54.1	32.1	0.3	13.5	-14.54	-14.54	80	18	16	-26.24	No Change; No Repair Needed; Good
GRNVL41R	10/23/2014 8:53	52.4	28.3	0.5	18.8	-14.45		72	11		-26.72	No Change; No Repair Needed; Good
GRNVL41R	11/5/2014 8:46	50.5	36.3	0	13.2	-14.54		69	18		-26.93	No Change; No Repair Needed; Good
GRNVL41R	11/19/2014 9:29	53	33.2	0.2	13.6	-8.33		52	6		-13.85	No Change; No Repair Needed; Good
GRNVL41R	12/5/2014 8:57	55.6	34.9	0.2	9.3	-9.97		54	12		-18.95	No Change; No Repair Needed; Good
GRNVL41R	12/18/2014 8:55	55.3	33.2	0.2	11.3	-11.22		51	10		-19.77	No Change; No Repair Needed; Good
GRNVL41R	1/8/2015 9:27	57.7	33.4	0.3	8.6	-13.16	-15.23	45	15	8	-24.51	Slightly Open; No Repair Needed; Good
GRNVL41R	1/8/2015 9:29	57	31.2	0.4	11.4	-16.35		47	11		-24.51	2nd Reading; No Repair Needed; Good
GRNVL41R	1/22/2015 8:48	56.7	31.1	0.3	11.9	-18.9	-20.97	55	12	18	-24.82	Slightly Open; No Repair Needed; Good
GRNVL41R	1/22/2015 8:49	56.9	33.8	0.1	9.2	-21.35		55	15		-24.13	2nd Reading; No Repair Needed; Good
GRNVL41R	2/3/2015 9:09	61.3	36.7	0.1	1.9	-23.73	-25.8	55	14	13	-27.84	Slightly Open; No Repair Needed; Good
GRNVL41R	2/3/2015 9:09	61.7	36.5	0	1.8	-25.45		55	14		-26.63	2nd Reading; No Repair Needed; Good
GRNVL41R	3/3/2015 9:20	63.9	34	0.2	1.9	-17.47	-18.03	49	13	13	-18.26	Slightly Open; No Repair Needed; Good
GRNVL41R	3/3/2015 9:21	64.1	34.3	0.1	1.5	-18.08		49	14		-18.39	2nd Reading; No Repair Needed; Good
GRNVL41R	3/18/2015 8:56	62.1	36.3	0.5	1.1	-17.9		56	7		-18.21	No Change; No Repair Needed; Good
GRNVL41R	4/2/2015 8:58	57.2	32.3	1.5	9	-22.43		64	0		-22.87	No Change; No Repair Needed; Good

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVL41R	4/17/2015 11:05	63	36.7	0.1	0.2	-19.93		74	13		-20.28	No Change; No Repair Needed; Good
GRNVL41R	5/5/2015 9:21	49.8	28.7	0.2	21.3	-26.53		79	13		-27.28	No Change; No Repair Needed; Good
GRNVL43R	7/14/2014 10:22	44.3	31	4.9	19.8	-25.55	-25.55	77	1	2	-26.17	No Change; No Repair Needed; Fair; remote restricted
GRNVL43R	7/28/2014 10:02	57.9	38.1	0.8	3.2	-26.49	-26.57	75	0	0	-26.67	No Change; No Repair Needed; Fair; remote restricted
GRNVL43R	8/12/2014 8:58	46.8	28.1	4.9	20.2	-27.01	-27.01	83	2	2	-26.67	No Change; No Repair Needed; Fair; remote restricted
GRNVL43R	8/27/2014 8:35	44.5	28.6	4.9	22	-27.18	-26.92	82	5	5	-26.2	No Change; No Repair Needed; Fair; remote restricted
GRNVL43R	9/10/2014 9:59	45.7	29.5	4.6	20.2	-26.92	-27.05	86	6	6	-26.67	No Change; No Repair Needed; Fair; remote restricted
GRNVL43R	9/25/2014 8:36	41.8	31	4.9	22.3	-26.88	-26.84	72	0	0	-26.46	No Change; No Repair Needed; Fair; remote restricted
GRNVL43R	10/9/2014 9:55	62.4	35	0.5	2.1	-0.13	-0.83	67	11	5	-27.67	Slightly Open; No Repair Needed; Good
GRNVL43R	10/9/2014 9:56	61.3	37.2	0.2	1.3	-5.13	-6.17	66	7	5	-26.59	2nd Reading; No Repair Needed; Good
GRNVL43R	10/23/2014 8:47	10.2	8.1	18	63.7	-26.88	-26.88	50	0	0	-27.06	Slightly Closed; No Repair Needed; Fair
GRNVL43R	10/23/2014 8:48	11.2	6.5	18.2	64.1	-26.92		49	3		-26.72	2nd Reading; No Repair Needed; Fair
GRNVL43R	11/5/2014 8:42	56.6	30.5	1.8	11.1	-0.14		54	8		-26.63	No Change; No Repair Needed; Fair
GRNVL43R	11/19/2014 9:23	8.3	8.4	18.9	64.4	-14.19	-14.58	31	0	0	-17	Slightly Closed; No Repair Needed; Fair
GRNVL43R	11/19/2014 9:25	57.9	38.8	0.4	2.9	-16.57		32	0		-15.93	2nd Reading; No Repair Needed; Fair
GRNVL43R	12/5/2014 8:53	54	33.7	1.5	10.8	-16.7		43	14		-18.26	No Change; No Repair Needed; Good
GRNVL43R	12/18/2014 8:50	57.8	32.9	0.8	8.5	-15.49		30	0		-19.94	No Change; No Repair Needed; Fair
GRNVL43R	1/8/2015 9:21	57	28.5	1.3	13.2	-11.35		12	0		-23.05	No Change; No Repair Needed; Good
GRNVL43R	1/22/2015 8:42	56.8	37	0.8	5.4	-20.41		33	7		-24.9	No Change; No Repair Needed; Fair
GRNVL43R	2/3/2015 9:02	56.4	34.5	0.6	8.5	-19.93		25	0		-25.9	No Change; No Repair Needed; Fair
GRNVL43R	3/3/2015 9:14	56.2	32.4	0.9	10.5	-9.53		33	14		-18.3	No Change; No Repair Needed; Good
GRNVL43R	3/18/2015 8:50	56.3	35.3	0.9	7.5	-6.86		40	0		-17.57	No Change; No Repair Needed; Good
GRNVL43R	4/2/2015 8:53	56.1	35	0.7	8.2	-8.24		63	0		-22.18	No Change; No Repair Needed; Fair
GRNVL43R	4/17/2015 11:02	57.9	35.4	0.3	6.4	-1.08		76	11		-20.33	No Change; No Repair Needed; Fair; remote restricted
GRNVL44R	7/14/2014 10:27	35.5	29.5	4.6	30.4	-26.24	-26.24	76	0	0	-26.17	No Change; No Repair Needed; Fair; remote restricted
GRNVL44R	7/28/2014 10:04	28.9	30	1.6	39.5	-26.92	-26.57	74	6	0	-26.63	Slightly Closed; No Repair Needed; Fair
GRNVL44R	7/28/2014 10:05	28.7	29.4	1.9	40	-26.14	-26.14	74	0	0	-26.59	2nd Reading; No Repair Needed; Fair
GRNVL44R	8/12/2014 9:00	27.9	28.6	1.3	42.2	-26.57	-26.57	79	6	5	-25.9	Slightly Closed; No Repair Needed; Fair; remote restricted
GRNVL44R	8/12/2014 9:03	24.8	23.6	4.9	46.7	-27.35	-26.66	81	0	0	-27.02	2nd Reading; No Repair Needed; Fair
GRNVL44R	8/27/2014 8:37	49.5	35.3	0.5	14.7	-26.92	-26.92	79	7	7	-26.5	No Change; No Repair Needed; Good
GRNVL44R	9/10/2014 10:06	38.5	26.7	4.6	30.2	-27.74	-27.26	83	7	7	-27.71	No Change; No Repair Needed; Fair; remote restricted
GRNVL44R	9/25/2014 8:38	37.6	30.1	4.5	27.8	-26.5	-26.2	66	0	0	-25.95	No Change; No Repair Needed; Fair; remote restricted
GRNVL44R	10/9/2014 9:59	1.6	6.2	20.5	71.7	-26.83	-26.83	72	0	7	-26.63	Slightly Closed; No Repair Needed; Fair
GRNVL44R	10/9/2014 10:00	1.5	1.4	21.2	75.9	-26.57	-26.53	73	5	4	-26.28	2nd Reading; No Repair Needed; Fair

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVL44R	10/23/2014 8:50	27.3	21.2	9.7	41.8	-22.04	-21.44	48	6	5	-26.85	Slightly Closed; No Repair Needed; Fair
GRNVL44R	10/23/2014 8:51	27.7	21.5	9.5	41.3	-17.77		48	7		-26.37	2nd Reading; No Repair Needed; Fair
GRNVL44R	11/5/2014 8:44	52.3	34.4	1.4	11.9	-0.68		53	12		-26.63	No Change; No Repair Needed; Fair
GRNVL44R	11/19/2014 9:27	41.4	34.4	4.2	20	-0.67		33	0		-14.37	No Change; No Repair Needed; Fair
GRNVL44R	12/5/2014 8:55	42	35.4	3.1	19.5	-0.2		44	0		-18.3	No Change; No Repair Needed; Fair
GRNVL44R	12/18/2014 8:52	23.5	22.2	9.9	44.4	-1.66	-1.62	30	0	0	-20.03	Slightly Closed; No Repair Needed; Fair
GRNVL44R	12/18/2014 8:53	34	27.9	4.7	33.4	-3.26		28	0		-19.42	2nd Reading; No Repair Needed; Fair; meter putting vacuum on well
GRNVL44R	1/8/2015 9:23	31.6	31.6	4.6	32.2	-0.78		9	0		-23.82	No Change; No Repair Needed; Fair
GRNVL44R	2/3/2015 9:05	18.1	27.6	7	47.3	-14.41	-12.21	26	0	0	-26.11	Slightly Closed; No Repair Needed; Fair
GRNVL44R	2/3/2015 9:05	18	27.3	7.1	47.6	-5.13		25	0		-26.97	2nd Reading; No Repair Needed; Fair
GRNVL44R	2/17/2015 10:24	13.3	22.7	9	55	-12.99	-12.73	32	0	0	-15.11	Slightly Closed; No Repair Needed; Fair
GRNVL44R	2/17/2015 10:25	12.9	23.1	9.2	54.8	-11.69		34	0		-13.64	2nd Reading; No Repair Needed; Fair
GRNVL44R	3/3/2015 9:16	11.8	22.1	10.5	55.6	-0.67	-0.59	33	0	0	-17.95	Slightly Closed; No Repair Needed; Fair
GRNVL44R	3/3/2015 9:17	10.2	20.9	10.8	58.1	-0.89		32	0		-18.26	2nd Reading; No Repair Needed; Fair
GRNVL44R	3/18/2015 8:52	16.5	22.6	9.6	51.3	-0.9	-0.89	40	0	0	-17.65	Slightly Closed; No Repair Needed; Fair
GRNVL44R	3/18/2015 8:53	16.2	21.1	9.8	52.9	-1.48		40	0		-17.87	2nd Reading; No Repair Needed; Fair
GRNVL44R	4/2/2015 8:55	17	20.5	11	51.5	-1.17	-1.14	63	0	0	-23.13	Slightly Closed; No Repair Needed; Fair
GRNVL44R	4/2/2015 8:56	16.7	18.8	11.1	53.4	-1.69		63	0		-22.18	2nd Reading; No Repair Needed; Fair
GRNVL44R	4/14/2015 10:27	18.1	16.8	10.3	54.8	-1.3	-1.3	58	0	0	-16.57	Slightly Closed; No Repair Needed; Fair
GRNVL44R	4/14/2015 10:28	17.4	20.8	10	51.8	-2.16		58	0		-17.57	2nd Reading; No Repair Needed; Fair
GRNVL44R	5/5/2015 9:17	18.8	19.5	9.1	52.6	-0.97	-0.97	84	0	0	-27.02	No Change; No Repair Needed; Fair
GRNVL44R	5/5/2015 9:18	18.4	21.6	9	51	-1.9		83	0		-25.98	2nd Reading; No Repair Needed; Fair
GRNVL47R	7/14/2014 10:09	60.1	36.2	0.1	3.6	-21.41	-21.76	78	0	0	-26.04	No Change; No Repair Needed; Fair; remote watered in
GRNVL47R	7/28/2014 9:51	20.5	14.8	14	50.7	-26.14	-26.23	80	0	0	-26.24	Slightly Closed; No Repair Needed; Fair; remote restricted
GRNVL47R	7/28/2014 9:52	2.8	7.6	20.3	69.3	-26.57	-26.57	81	0	0	-26.67	2nd Reading; No Repair Needed; Fair; remote restricted
GRNVL47R	7/28/2014 13:09	44	28.4	4.9	22.7	-27.14	-26.83	82	0	0	-27.19	No Change; No Repair Needed; Fair; remote restricted
GRNVL47R	8/12/2014 8:45	13.6	8.7	16.5	61.2	-27.61	-27.35	79	5	3	-26.89	Slightly Closed; No Repair Needed; Fair; remote restricted
GRNVL47R	8/12/2014 8:46	11.5	7.4	17.2	63.9	-10.4	-11.04	79	0	0	-26.97	2nd Reading; No Repair Needed; Fair
GRNVL47R	8/27/2014 8:21	5.5	14	11.7	68.8	-27.61	-27.96	78	2	5	-25.51	Slightly Closed; No Repair Needed; Fair; remote restricted
GRNVL47R	8/27/2014 8:22	5.2	13.4	11.9	69.5	-32.01	-32.01	75	7	6	-25.85	2nd Reading; No Repair Needed; Fair; remote restricted
GRNVL47R	9/10/2014 9:46	3.9	16	11.1	69	-1.9	-1.91	84	0	0	-26.28	Slightly Closed; No Repair Needed; Fair; remote restricted
GRNVL47R	9/10/2014 9:47	2.7	14.9	11.5	70.9	-3.75	-3.74	84	0	0	-26.33	2nd Reading; No Repair Needed; Fair; meter putting vacuum on well
GRNVL47R	9/25/2014 8:25	2.4	14.9	15.1	67.6	-2.29	-2.28	71	0	0	-24.93	No Change; No Repair Needed; Fair; remote restricted

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVL47R	9/25/2014 8:25	1.8	12.4	15.5	70.3	-3.97	-3.97	71	0	0	-26.29	2nd Reading; No Repair Needed; Fair; remote restricted
GRNVL47R	10/9/2014 9:43	60.5	37.2	0	2.3	6.3	-6.82	68	0	13	-26.24	Slightly Open; No Repair Needed; Good
GRNVL47R	10/9/2014 14:57	61	35.7	0.4	2.9	-9.23	-9.23	74	26	27	-26.33	No Change; No Repair Needed; Good
GRNVL47R	10/23/2014 8:35	57.2	35.9	0.1	6.8	-11.04		54	0		-26.37	No Change; No Repair Needed; Fair; surging
GRNVL47R	11/5/2014 8:29	57.6	35.1	0	7.3	-16.35		55	11		-26.97	No Change; No Repair Needed; Good
GRNVL47R	12/5/2014 8:34	57.2	36.1	0.1	6.6	-12.68		49	0		-16.1	No Change; No Repair Needed; Fair; remote restricted
GRNVL47R	12/18/2014 8:38	58.4	36.8	0.1	4.7	-15.62	-18.29	37	0	0	-19.77	Slightly Open; No Repair Needed; Good; remote restricted
GRNVL47R	12/18/2014 8:39	58.1	37	0.1	4.8	-19.76		31	0		-19.46	2nd Reading; No Repair Needed; Good; remote restricted
GRNVL47R	1/8/2015 9:06	3.5	17.5	18.3	60.7	-23.73	-23.43	13	0	0	-23.52	Slightly Closed; No Repair Needed; Fair; remote restricted
GRNVL47R	1/8/2015 9:07	0.8	8.2	20.5	70.5	-23.77		11	0		-23.82	2nd Reading; No Repair Needed; Fair; remote restricted
GRNVL47R	1/22/2015 8:31	57.3	35.5	0.4	6.8	-24.16		39	9		-24.17	No Change; No Repair Needed; Fair; remote restricted
GRNVL47R	2/3/2015 8:49	57.8	35.8	0.4	6	-25.8		34	0		-25.59	No Change; No Repair Needed; Fair; remote restricted
GRNVL47R	3/3/2015 9:02	61.1	35.3	0.3	3.3	-16.48		34	6		-16.57	No Change; No Repair Needed; Fair; remote restricted
GRNVL47R	3/18/2015 8:38	46.3	27.6	4.8	21.3	-18.12		39	0		-18.17	No Change; No Repair Needed; Fair; remote restricted
GRNVL47R	4/2/2015 8:41	52.2	26.7	2.3	18.8	-22.69		61	0		-22.49	No Change; No Repair Needed; Fair; remote restricted
GRNVL47R	4/17/2015 10:54	50.9	27.3	1.5	20.3	-20.28		75	23		-20.33	No Change; No Repair Needed; Fair; remote restricted
GRNVL47R	5/5/2015 9:05	58.8	35.4	0.3	5.5	-25.5		80	0		-25.59	No Change; No Repair Needed; Fair; remote restricted
GRNVL49R	7/14/2014 10:06	60.1	37.4	0	2.5	-26.54	-26.24	101	19	19	-26.22	No Change; No Repair Needed; Good
GRNVL49R	7/28/2014 9:48	61.1	36.8	0	2.1	-26.49	-26.14	102	20	20	-26.24	No Change; No Repair Needed; Good
GRNVL49R	8/12/2014 8:42	61.5	37.5	0	1	-26.66	-26.32	103	20	19	-26.59	No Change; No Repair Needed; Good
GRNVL49R	8/27/2014 8:19	61.2	36.7	0	2.1	-26.83	-26.23	104	17	19	-26.2	No Change; No Repair Needed; Good; needs pump
GRNVL49R	9/10/2014 9:44	61.1	37.1	0	1.8	-26.57	-26.57	104	18	18	-26.28	No Change; No Repair Needed; Good
GRNVL49R	9/25/2014 8:22	58.8	38.6	0	2.6	-26.54	-26.5	103	16	16	-26.29	No Change; No Repair Needed; Good; 4385
GRNVL49R	10/9/2014 9:45	60.4	37.8	0	1.8	-26.19	-26.23	102	19	18	-26.28	No Change; No Repair Needed; Good; 4663
GRNVL49R	10/23/2014 8:37	59.9	38.1	0	2	-26.53		101	17		-26.33	No Change; No Repair Needed; Fair; 4688; force main restricted
GRNVL49R	11/5/2014 8:31	59.5	37.2	0.1	3.2	-26.88		101	21		-26.63	No Change; No Repair Needed; Fair; 4689; force main restricted
GRNVL49R	11/19/2014 9:13	58.4	27.5	1.5	12.6	-14.15		97	40		-14.37	No Change; No Repair Needed; Fair; 4692; force main restricted
GRNVL49R	12/5/2014 8:36	60.2	37.4	0	2.4	-15.96		101	0		-15.88	No Change; No Repair Needed; Fair; 4813; force main restricted

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVL49R	12/18/2014 8:41	58.3	37	0	4.7	-19.97		99	14		-20.03	No Change; No Repair Needed; Good; 5411; force main restricted
GRNVL49R	1/8/2015 9:10	62.2	34.8	0.4	2.6	-23.43		97	0		-23.82	No Change; No Repair Needed; Fair; 7627; force main restricted
GRNVL49R	1/22/2015 8:33	57.8	35.4	0	6.8	-24.85		101	8		-24.69	No Change; No Repair Needed; Fair; 9296; force main restricted
GRNVL49R	2/3/2015 8:51	58.4	35.9	0	5.7	-26.19		99	35		-26.24	No Change; No Repair Needed; Fair; 9793; force main restricted
GRNVL49R	3/3/2015 9:04	62.2	36.8	0	1	-17.73		98	36		-17.57	No Change; No Repair Needed; Good; 10649; force main restricted
GRNVL49R	3/18/2015 8:40	61.1	34.9	0.4	3.6	-18.21		99	30		-18.21	No Change; No Repair Needed; Fair; 11433; force main restricted
GRNVL49R	4/2/2015 8:43	55.7	32.1	1.4	10.8	-22.78		102	0		-22.87	No Change; No Repair Needed; Fair; 14582
GRNVL49R	4/17/2015 10:56	62.1	35.1	0	2.8	-20.66		105	17		-20.63	No Change; No Repair Needed; Good; 16959
GRNVL49R	5/5/2015 9:07	57	37.1	0.2	5.7	-26.57		105	16		-26.28	No Change; No Repair Needed; Good; 22411
GRNVL49R	5/20/2015 10:20	62.5	36.3	0	1.2	-26.83		106	20		-26.63	No Change; No Repair Needed; Good; 22432
GRNVL49R	6/1/2015 10:26	63	36.6	0	0.4	-26.19		106	12		-26.54	No Change; No Repair Needed; Good; 22432
GRNVL49R	6/16/2015 10:24	61	37.2	0	1.8	-21.7		115	15		-21.75	No Change; No Repair Needed; Good; 33352
GRNVL49R	7/2/2015 9:08	61.7	37.4	0	0.9	-18.51		110	7		-18.3	No Change; No Repair Needed; Good; 42472
GRNVL49R	7/27/2015 10:58	61.3	36.8	0	1.9	-18.9		112	16		-19.03	No Change; No Repair Needed; Good; 52832
GRNVL52R	7/14/2014 9:57	63	35.3	0	1.7	-26.24	-25.85	122	19	19	-26	No Change; No Repair Needed; Good; 77799
GRNVL52R	7/28/2014 9:38	62.6	35.4	0	2	-26.19	-26.53	122	19	18	-26.33	No Change; No Repair Needed; Good; 77799
GRNVL52R	8/12/2014 8:32	62.1	35	0	2.9	-26.66	-26.57	121	19	18	-26.54	No Change; No Repair Needed; Good; 77799
GRNVL52R	8/27/2014 8:12	62.8	34.8	0	2.4	-26.49	-26.49	123	19	22	-26.15	No Change; No Repair Needed; Good; 77799
GRNVL52R	9/10/2014 9:34	63.2	36.2	0	0.6	-26.96	-26.57	121	24	20	-27.36	No Change; Needs New Counter; Good; 77799
GRNVL52R	9/25/2014 8:14	62	37	0	1	-26.15	-26.15	121	22	21	-26.46	No Change; No Repair Needed; Good; 41141
GRNVL52R	10/9/2014 9:35	63.5	34.7	0	1.8	-26.23	-26.19	123	21	21	-26.28	No Change; No Repair Needed; Good; 56953
GRNVL52R	10/23/2014 8:28	61.3	33.4	0.2	5.1	-26.23		119	17		-26.72	No Change; No Repair Needed; Good; 59460
GRNVL52R	11/5/2014 8:22	61	35	0	4	-26.57		119	25		-26.72	No Change; No Repair Needed; Good; counter removed
GRNVL52R	11/19/2014 9:03	63.1	31.4	0	5.5	-26.27		117	18		-26.63	No Change; No Repair Needed; Good
GRNVL52R	12/5/2014 8:26	59.5	34.3	0	6.2	-16.13		117	12		-16.18	No Change; No Repair Needed; Good
GRNVL52R	12/18/2014 8:30	57.2	34	0	8.8	-20.06		116	17		-19.94	No Change; No Repair Needed; Good
GRNVL52R	1/8/2015 8:58	56.5	33.5	0.2	9.8	-23.47		115	13		-23.87	No Change; No Repair Needed; Good
GRNVL52R	1/22/2015 8:23	57.5	33.3	0.1	9.1	-25.15		117	17		-25.55	No Change; No Repair Needed; Good
GRNVL52R	2/3/2015 8:37	58.2	34.3	0	7.5	-26.53		116	17		-26.63	No Change; No Repair Needed; Good
GRNVL52R	3/3/2015 8:52	62.3	34	0	3.7	-18.03		114	12		-18.3	No Change; No Repair Needed; Good
GRNVL52R	3/18/2015 8:29	63.3	33.8	0.3	2.6	-17.9		115	10		-18.17	No Change; No Repair Needed; Good
GRNVL52R	4/2/2015 8:33	57.4	31.2	1.4	10	-22.35		116	0		-22.27	No Change; No Repair Needed; Good
GRNVL52R	4/17/2015 10:45	63.7	35.4	0	0.9	-20.45		116	16		-20.67	No Change; No Repair Needed; Good
GRNVL52R	5/5/2015 8:59	63.1	33.7	0	3.2	-26.27		117	19		-26.59	No Change; No Repair Needed; Good
GRNVL52R	5/20/2015 10:11	61.5	33.4	0	5.1	-26.49		117	19		-26.59	No Change; No Repair Needed; Good
GRNVL52R	6/1/2015 10:16	60.3	33.1	0	6.6	-26.14		116	17		-26.28	No Change; No Repair Needed; Good
GRNVL52R	6/16/2015 10:15	60.2	33.9	0	5.9	-21.35		117	17		-21.67	No Change; No Repair Needed; Good
GRNVL52R	7/2/2015 8:59	59.4	34.7	0	5.9	-21.66		115	18		-21.84	No Change; No Repair Needed; Good

Green Valley Landfill

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVL52R	7/27/2015 10:49	58.8	34.7	0	6.5	-19.28		116	17		-19.34	No Change; No Repair Needed; Good
GRNVL54R	7/14/2014 9:54	56.5	28.8	0	14.7	-26.2	-26.2	114	18	13	-26.13	No Change; Needs New Regulator; Good; 458061
GRNVL54R	7/28/2014 9:36	49.3	26.9	0	23.8	-26.88	-26.49	115	11	16	-26.97	No Change; No Repair Needed; Good; 458061
GRNVL54R	8/12/2014 8:29	42.4	23.8	2.2	31.6	-26.57	-26.57	117	19	17	-26.46	Slightly Closed; No Repair Needed; Good; 350690
GRNVL54R	8/12/2014 8:30	41.9	23.9	2.3	31.9	-26.66	-26.96	118	20	20	-26.59	2nd Reading; No Repair Needed; Good
GRNVL54R	8/27/2014 8:08	45.3	25.1	3.2	26.4	-23.73	-18.21	122	21	7	-26.54	Slightly Closed; No Repair Needed; Fair; 375828
GRNVL54R	8/27/2014 8:09	47.4	25.9	2.1	24.6	-15.1	-15.1	119	8	8	-26.46	2nd Reading; No Repair Needed; Good
GRNVL54R	9/10/2014 9:30	64.5	33.3	0.1	2.1	-1.3	-1.63	106	8	8	-26.63	Slightly Open; No Repair Needed; Good; 399765
GRNVL54R	9/10/2014 9:31	63.2	33.5	0.5	2.8	-2.61	-2.64	112	24	30	-26.63	2nd Reading; No Repair Needed; Good
GRNVL54R	9/25/2014 8:10	64.5	32.8	0.2	2.5	-0.93	-2.22	116	18	31	-26.63	Slightly Open; No Repair Needed; Good; 417826
GRNVL54R	9/25/2014 8:11	59.1	36	0.9	4	-3.88	-3.88	123	32	31	-26.42	2nd Reading; No Repair Needed; Good
GRNVL54R	10/9/2014 9:32	57.2	28.4	1.1	13.3	-10.66	-11.6	118	37	33	-26.63	Slightly Open; No Repair Needed; Good; 434139
GRNVL54R	10/9/2014 9:33	55.8	29.7	1.3	13.2	-12.55	-12.47	119	18	16	-26.93	2nd Reading; No Repair Needed; Good
GRNVL54R	10/23/2014 8:25	53.3	28.1	0.6	18	-13.59		116	14		-26.72	No Change; No Repair Needed; Good; 434160
GRNVL54R	11/5/2014 8:19	52.1	25	0.4	22.5	-11.91		114	18		-26.97	No Change; No Repair Needed; Good; 439011
GRNVL54R	11/19/2014 8:59	58.3	26	0.9	14.8	-9.97	-11.04	112	30	43	-27.02	Slightly Open; No Repair Needed; Good; 439011
GRNVL54R	11/19/2014 9:01	55.4	28.9	1.2	14.5	-13.55		115	42		-26.67	2nd Reading; No Repair Needed; Good
GRNVL54R	12/5/2014 8:23	57.5	29.7	0.8	12	-9.62		116	36		-16.23	No Change; No Repair Needed; Good; 472801
GRNVL54R	12/18/2014 8:28	57.1	30.8	0.6	11.5	-9.62		121	35		-20.37	No Change; No Repair Needed; Good
GRNVL54R	1/8/2015 8:55	52.3	21.6	1.2	24.9	-15.92		114	16		-24.17	No Change; No Repair Needed; Good; 493688
GRNVL54R	1/22/2015 8:20	52.9	23.3	0.9	22.9	-18.12		116	16		-25.85	No Change; No Repair Needed; Good; 495387
GRNVL54R	2/3/2015 8:34	55.1	23.7	0.2	21	-18.81		113	13		-26.54	No Change; No Repair Needed; Good; 497012
GRNVL54R	3/3/2015 8:49	63.9	26.2	0.2	9.7	-13.03	-13.68	110	12	17	-19.51	Slightly Open; No Repair Needed; Good; 510375
GRNVL54R	3/3/2015 8:49	62.8	27.3	0.1	9.8	-14.11		111	17		-19.46	2nd Reading; No Repair Needed; Good
GRNVL54R	3/18/2015 8:26	66	28	0.6	5.4	-14.58	-15.14	110	10	15	-18.3	Slightly Open; No Repair Needed; Good; 510375
GRNVL54R	3/18/2015 8:27	65.3	29.1	0.6	5	-15.62		111	24		-17.95	2nd Reading; No Repair Needed; Good
GRNVL54R	4/2/2015 8:31	53.7	24.6	1.5	20.2	-19.76		111	0		-23.13	No Change; Pump Maintenance Required; Good; 510382
GRNVL54R	4/17/2015 10:42	54.4	24.6	2.4	18.6	-16.48		116	29		-19.98	No Change; No Repair Needed; Good; 5993
GRNVL54R	5/5/2015 8:56	48.5	24.9	2.1	24.5	-21.7		112	50		-27.32	No Change; No Repair Needed; Good; 17160
GRNVL54R	5/20/2015 10:08	48.4	26.2	1.4	24	-19.93		115	25		-27.19	No Change; No Repair Needed; Good; 43275
GRNVL54R	6/1/2015 10:13	46.9	25.8	1.1	26.2	-18.9	-18.21	115	25	21	-26.63	Slightly Closed; No Repair Needed; Good; 43275
GRNVL54R	6/1/2015 10:14	47.6	24.4	1	27	-17.17		114	20		-26.97	2nd Reading; No Repair Needed; Good
GRNVL54R	6/16/2015 10:13	55.6	27.7	0	16.7	-12.38		115	15		-21.54	No Change; No Repair Needed; Good; 43275
GRNVL54R	7/2/2015 8:55	57.8	27.2	0	15	-10.27	-11.3	112	12	17	-18.08	Slightly Open; No Repair Needed; Good; 43275
GRNVL54R	7/2/2015 8:57	58.8	28.4	0	12.8	-11.99		113	19		-18.69	2nd Reading; No Repair Needed; Good
GRNVL54R	7/27/2015 10:46	60.6	28.7	0	10.7	-14.06		113	19		-19.68	No Change; No Repair Needed; Good; 43275
GRNVL59R	7/14/2014 9:41	61.4	38	0	0.6	-25.98	-25.89	103	9	8	-26.39	No Change; No Repair Needed; Good
GRNVL59R	7/28/2014 9:23	62.4	37.6	0	0	-26.83	-26.49	103	8	10	-27.15	No Change; No Repair Needed; Good
GRNVL59R	8/12/2014 8:15	63.2	36.2	0	0.6	-26.57	-26.62	103	23	27	-26.67	No Change; No Repair Needed; Good; needs pump
GRNVL59R	8/27/2014 7:56	62.5	36.4	0	1.1	-26.19	-26.23	103	16	14	-25.85	No Change; No Repair Needed; Fair; needs pump
GRNVL59R	9/10/2014 9:19	63	36.2	0	0.8	-25.88	-25.88	116	12	12	-26.8	No Change; No Repair Needed; Good; 9504
GRNVL59R	9/25/2014 8:00	53.4	38.1	1	7.5	-19.04	-19	102	10	6	-26.63	No Change; No Repair Needed; Good; 28473
GRNVL59R	10/9/2014 9:21	62.7	37	0	0.3	-18.55	-21.44	108	10	11	-26.97	Slightly Open; Pump Maintenance Required; Good; 38166

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVL59R	10/9/2014 9:21	64	36	0	0	-25.11	-25.11	110	13	13	-26.97	2nd Reading; No Repair Needed; Good
GRNVL59R	10/23/2014 8:15	62.5	37.3	0	0.2	-22.43	-24.16	111	10	14	-27.02	Slightly Open; No Repair Needed; Good; 43285
GRNVL59R	10/23/2014 8:16	63.1	36.9	0	0	-25.88		113	23		-26.72	2nd Reading; No Repair Needed; Good
GRNVL59R	11/5/2014 8:07	57.7	36.1	0	6.2	-26.57		106	11		-26.8	No Change; No Repair Needed; Good; 70268
GRNVL59R	11/19/2014 8:45	57.5	38.1	0.3	4.1	-26.57		111	10		-27.71	No Change; No Repair Needed; Good; 82795
GRNVL59R	12/5/2014 8:12	56.9	32.6	0.1	10.4	-14.15		107	26		-16.23	No Change; Pump Maintenance Required; Good; 110762
GRNVL59R	12/18/2014 8:15	57.9	39.4	0.5	2.2	-17.77		100	5		-19.68	No Change; Pump Maintenance Required; Good; 116803
GRNVL59R	1/8/2015 8:40	56.5	35.6	0.5	7.4	-21.31		88	7		-24.21	No Change; No Repair Needed; Good; 119570
GRNVL59R	1/22/2015 8:08	57.2	32.9	0.4	9.5	-23.47		104	29		-26.24	No Change; No Repair Needed; Good; 120409
GRNVL59R	2/3/2015 8:20	57.6	38.6	0.3	3.5	-24.5		86	29		-26.28	No Change; Pump Maintenance Required; Good; 121339
GRNVL59R	3/3/2015 8:35	57.6	38.1	0.4	3.9	-16.31		91	32		-17.61	No Change; No Repair Needed; Good; 121572
GRNVL59R	3/18/2015 8:05	57.5	38.5	1	3	-18.85		91	32		-20.37	No Change; No Repair Needed; Good; 122008
GRNVL59R	4/2/2015 8:18	55.1	30.4	2.8	11.7	-20.71		100	0		-23.52	No Change; No Repair Needed; Good; 122601
GRNVL59R	4/17/2015 10:29	57.1	35.7	1.3	5.9	-17.47		105	10		-20.8	No Change; No Repair Needed; Good; 123412
GRNVL59R	5/5/2015 8:42	55.6	36.8	1.4	6.2	-22.52		107	11		-27.32	No Change; No Repair Needed; Good; 125570
GRNVL59R	5/20/2015 9:57	57.1	37.1	1.2	4.6	-22.82		105	9		-26.63	No Change; No Repair Needed; Good; 127113
GRNVL59R	6/1/2015 9:59	62.6	35.6	0.6	1.2	-20.62		103	10		-25.33	No Change; No Repair Needed; Good; 127113
GRNVL59R	6/16/2015 9:57	60.7	33.9	0.7	4.7	-21.18		109	11		-22.44	No Change; No Repair Needed; Good; 130646
GRNVL59R	7/2/2015 8:41	61.8	34.3	1.2	2.7	-18.21		106	0		-18.69	No Change; Pump Maintenance Required; Good; 132057
GRNVL59R	7/27/2015 10:34	62.8	33.3	0.5	3.4	-18.21		107	12		-19.34	No Change; No Repair Needed; Good; 135990
GRNVL60R	7/14/2014 9:43	56.6	36.3	0	7.1	-20.47	-20.42	94	9	10	-26.3	No Change; No Repair Needed; Good
GRNVL60R	7/28/2014 9:25	50.7	35.8	0	13.5	-19.84	-19.84	93	8	7	-26.63	No Change; No Repair Needed; Good
GRNVL60R	8/12/2014 8:17	47.9	35.2	0	16.9	-19.67	-18.98	95	7	10	-26.59	Slightly Closed; No Repair Needed; Good
GRNVL60R	8/12/2014 8:18	48.1	36	0	15.9	-17.21	-17.26	94	10	9	-26.28	2nd Reading; No Repair Needed; Good
GRNVL60R	8/27/2014 7:58	51.8	35.4	0	12.8	-15.1	-15.1	93	10	10	-26.15	No Change; No Repair Needed; Good
GRNVL60R	9/10/2014 9:22	50.4	35.8	0.1	13.7	-15.1	-15.14	93	10	11	-26.76	No Change; No Repair Needed; Good
GRNVL60R	9/25/2014 8:02	48.1	34	0.1	17.8	-14.43	-14.17	87	10	7	-26.59	No Change; No Repair Needed; Good
GRNVL60R	10/9/2014 9:23	47.9	33.1	0.1	18.9	-13.37	-13.24	86	13	11	-26.28	Slightly Closed; No Repair Needed; Good
GRNVL60R	10/9/2014 9:24	47.8	33.7	0	18.5	-12.21	-12.17	85	11	12	-26.63	2nd Reading; No Repair Needed; Good
GRNVL60R	10/23/2014 8:17	48.8	34.2	0.1	16.9	-10.66		77	8		-26.37	No Change; No Repair Needed; Good
GRNVL60R	11/5/2014 8:09	46.3	31.3	0	22.4	-10.61	-10.31	75	15	11	-26.8	Slightly Closed; No Repair Needed; Good
GRNVL60R	11/5/2014 8:10	45.5	32.6	0	21.9	-8.93		75	16		-26.97	2nd Reading; No Repair Needed; Good
GRNVL60R	11/19/2014 8:50	54.5	34	0.3	11.2	-6.6		51	0		-26.59	No Change; No Repair Needed; Good
GRNVL60R	12/5/2014 8:14	56.9	35.4	0	7.7	-4.21		59	10		-16.06	No Change; No Repair Needed; Good
GRNVL60R	12/18/2014 8:17	57.5	34.7	0	7.8	-5.13	-5.52	48	9	6	-20.46	Slightly Open; No Repair Needed; Good
GRNVL60R	12/18/2014 8:18	57.5	36.1	0	6.4	-7.94		50	11		-20.37	2nd Reading; No Repair Needed; Good
GRNVL60R	1/8/2015 8:43	39.1	29.5	0.8	30.6	-8.58	-7.55	43	0	0	-23.18	Slightly Closed; No Repair Needed; Fair
GRNVL60R	1/8/2015 8:44	38.4	28.9	0.8	31.9	-4.57		41	0		-23.48	2nd Reading; No Repair Needed; Fair
GRNVL60R	1/22/2015 8:10	60.5	35.7	0	3.8	-2.6	-3.2	47	9	7	-26.46	Slightly Open; No Repair Needed; Good
GRNVL60R	1/22/2015 8:11	61.2	37.1	0	1.7	-5.09		46	10		-26.89	2nd Reading; No Repair Needed; Good
GRNVL60R	2/3/2015 8:22	43.4	32	0.4	24.2	-6.17	-5.82	42	4	3	-27.32	Slightly Closed; No Repair Needed; Good

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVL60R	2/3/2015 8:23	43.4	31.6	0.4	24.6	-4.51		42	7		-25.59	2nd Reading; No Repair Needed; Good
GRNVL60R	3/3/2015 8:37	50.6	32.9	0	16.5	-2.78		42	4		-17.95	No Change; No Repair Needed; Good
GRNVL60R	3/18/2015 8:12	3.5	1.8	20.3	74.4	3.94	-0.1	41	2	6	-19.25	Slightly Open; No Repair Needed; Fair
GRNVL60R	3/18/2015 8:13	4.8	2	19.8	73.4	-2.9		43	6		-19.46	2nd Reading; Pump Maintenance Required; Fair
GRNVL60R	3/18/2015 11:47	37.2	24.2	0.5	38.1	-6.95		53	0		-18.43	No Change; Pump Maintenance Required; Fair
GRNVL60R	4/2/2015 8:20	36	26.6	1.1	36.3	-7.55	-7.51	61	0	0	-23.56	Slightly Closed; No Repair Needed; Fair
GRNVL60R	4/2/2015 8:21	36.4	27.8	1	34.8	-5.48		60	0		-23.22	2nd Reading; No Repair Needed; Fair
GRNVL60R	4/17/2015 10:31	52.1	30.9	0.3	16.7	-3.5		73	7		-20.2	No Change; No Repair Needed; Good
GRNVL60R	5/5/2015 8:45	30.8	24.1	7	38.1	-6.51	-3.45	74	5	8	-26.37	Slightly Closed; No Repair Needed; Fair
GRNVL60R	5/5/2015 8:46	30.5	23	7.2	39.3	-1.33		74	7		-27.28	2nd Reading; No Repair Needed; Fair
GRNVL60R	5/5/2015 13:29	53.7	30.8	1.9	13.6	-1.5		89	9		-27.36	No Change; No Repair Needed; Good
GRNVL60R	5/20/2015 9:58	55.2	31.6	1.2	12	-0.68		78	10		-26.59	No Change; No Repair Needed; Good
GRNVL60R	6/1/2015 10:01	59.3	35.4	0.6	4.7	1.34	-0.4	77	8	10	-26.63	Slightly Open; No Repair Needed; Good
GRNVL60R	6/1/2015 10:02	58.6	38	0.5	2.9	-1.21		81	10		-26.28	2nd Reading; No Repair Needed; Good
GRNVL60R	6/16/2015 9:59	61.8	35.9	0	2.3	-1.2	-1.35	98	7	8	-22.05	Slightly Open; No Repair Needed; Good
GRNVL60R	6/16/2015 10:00	61.8	36.5	0	1.7	-1.73		99	10		-22.23	2nd Reading; No Repair Needed; Good
GRNVL60R	7/2/2015 8:43	61.9	34.2	0	3.9	-0.96	-1.12	93	6	9	-18.64	Slightly Open; No Repair Needed; Good
GRNVL60R	7/2/2015 8:44	63.3	36.3	0	0.4	-1.88		95	9		-18.64	2nd Reading; No Repair Needed; Good
GRNVL60R	7/27/2015 10:36	53	31.6	0.1	15.3	-4.49		90	11		-19.12	No Change; No Repair Needed; Good
GRNVLHW1	7/14/2014 11:41	15.6	22.2	4.5	57.7	-0.04	-0.03	84	6	9	-21.52	Slightly Closed; No Repair Needed; Fair
GRNVLHW1	7/14/2014 11:42	13.7	20.4	4.4	61.5	-0.01	-0.04	84	4	9	-23.72	2nd Reading; No Repair Needed; Fair
GRNVLHW1	7/28/2014 10:35	48.4	35.5	0	16.1	-0.01	-0.01	79	0	0	-23.87	No Change; No Repair Needed; Good
GRNVLHW1	8/12/2014 9:35	55.2	36.4	0	8.4	-0.01	-0.01	86	6	5	-24.86	No Change; No Repair Needed; Good
GRNVLHW1	8/27/2014 9:12	60.6	36.4	0	3	0	-0.02	87	7	8	-25.38	Slightly Open; No Repair Needed; Good
GRNVLHW1	8/27/2014 9:13	59.5	37.1	0	3.4	-0.02	-0.01	85	9	9	-24.17	2nd Reading; No Repair Needed; Good
GRNVLHW1	9/10/2014 10:35	54.2	36	0	9.8	-0.03	-0.03	83	10	10	-25.21	No Change; No Repair Needed; Good
GRNVLHW1	9/25/2014 9:03	38.9	34.5	0.6	26	-0.02	-0.02	77	35	35	-24.24	No Change; No Repair Needed; Fair
GRNVLHW1	10/9/2014 10:28	47.5	34.4	0	18.1	-0.03	-0.03	74	14	11	-22.53	No Change; No Repair Needed; Good
GRNVLHW1	10/23/2014 9:22	49.9	35	0.3	14.8	-0.02		70	10		-22.53	No Change; No Repair Needed; Good
GRNVLHW1	11/5/2014 9:11	38.8	31.9	1.1	28.2	-0.03		65	4		-24.82	No Change; No Repair Needed; Fair; valve barely cracked
GRNVLHW1	11/19/2014 10:11	60.2	36.1	0	3.7	0.07	-0.01	53	6	9	-11.09	Slightly Open; No Repair Needed; Good
GRNVLHW1	11/19/2014 10:12	61	36.4	0	2.6	-0.04		59	17		-13.51	2nd Reading; No Repair Needed; Good
GRNVLHW1	12/5/2014 9:22	39.9	30.3	4.9	24.9	-0.03		59	9		-15.24	No Change; No Repair Needed; Good
GRNVLHW1	12/18/2014 9:18	40.6	31.8	3.4	24.2	-0.03		51	10		-18.86	No Change; No Repair Needed; Fair; valve barely cracked
GRNVLHW1	1/22/2015 9:25	14.5	16.7	13.9	54.9	-0.06	-0.01	45	15	3	-25.42	Slightly Closed; No Repair Needed; Fair
GRNVLHW1	1/22/2015 9:26	14.8	12.3	14.5	58.4	-0.01		44	5		-24.82	2nd Reading; No Repair Needed; Fair
GRNVLHW1	2/3/2015 9:45	62.1	36.4	0	1.5	0.05	-0.02	36	0	7	-25.55	Slightly Open; No Repair Needed; Good
GRNVLHW1	2/3/2015 9:46	64.1	35.9	0	0	-0.03		38	11		-25.25	2nd Reading; No Repair Needed; Good
GRNVLHW1	3/3/2015 9:46	54.2	30.7	2	13.1	-0.04		44	7		-16.18	No Change; No Repair Needed; Good
GRNVLHW1	3/18/2015 9:25	22.6	16.7	11.8	48.9	-0.1	-0.01	48	2	0	-16.83	Slightly Closed; No Repair Needed; Fair
GRNVLHW1	3/18/2015 9:26	22.6	13.5	12.1	51.8	-0.02		48	0		-16.75	2nd Reading; No Repair Needed; Fair
GRNVLHW1	4/2/2015 9:33	29.3	23	7.5	40.2	-0.01	-0.01	65	0	0	-19.72	No Change; No Repair Needed; Fair
GRNVLHW1	4/2/2015 9:33	29.9	19.3	7.8	43	-0.01		61	4		-19.72	2nd Reading; No Repair Needed; Fair

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLHW1	4/14/2015 10:35	64.7	30.6	0.1	4.6	0.08	-0.02	56	8	9	-13.47	Slightly Open; No Repair Needed; Good
GRNVLHW1	4/14/2015 10:36	65.8	31	0	3.2	-0.04		55	10		-15.28	2nd Reading; No Repair Needed; Good
GRNVLHW1	5/5/2015 9:49	13.6	15.2	10	61.2	-0.09	-0.04	71	9	7	-24.9	Slightly Closed; No Repair Needed; Fair
GRNVLHW1	5/5/2015 9:50	13.3	13.1	10.2	63.4	-0.03		69	6		-25.59	2nd Reading; No Repair Needed; Fair
GRNVLHW1	5/20/2015 12:15	52.3	32.4	0	15.3	-0.01		76	4		-24.99	No Change; No Repair Needed; Good
GRNVLHW1	6/1/2015 12:01	20.4	22.7	2.6	54.3	-0.01		71	7		-23.26	No Change; No Repair Needed; Fair
GRNVLHW1	6/16/2015 12:23	41.2	31.2	0.3	27.3	-0.01		88	7		-19.34	No Change; No Repair Needed; Good; valve barely cracked
GRNVLHW1	7/2/2015 10:47	58.9	35.9	0	5.2	-0.01	-0.05	76	10	11	-21.41	Slightly Open; No Repair Needed; Good
GRNVLHW1	7/2/2015 10:48	59.1	36	0	4.9	-0.05		76	14		-21.88	2nd Reading; No Repair Needed; Good
GRNVLHW1	7/27/2015 12:33	29.8	26.4	2.3	41.5	-0.03		85	11		-17.22	No Change; No Repair Needed; Fair; valve barely cracked
GRNVLHW2	7/14/2014 11:29	43.8	32.1	1	23.1	-0.01	-0.01	81	2	3	-23.81	No Change; No Repair Needed; Fair
GRNVLHW2	7/28/2014 10:21	21.5	27.7	1.3	49.5	-0.02	-0.02	80	3	2	-23.91	No Change; No Repair Needed; Fair
GRNVLHW2	8/12/2014 9:21	26.7	27.2	1.5	44.6	-0.02	-0.01	82	7	4	-25.25	No Change; No Repair Needed; Fair
GRNVLHW2	8/27/2014 8:57	24.6	27.5	1.5	46.4	-0.01	-0.02	82	8	7	-24.73	Slightly Closed; No Repair Needed; Fair
GRNVLHW2	8/27/2014 8:59	23.8	27.2	1.5	47.5	0	0	84	7	6	-25.21	2nd Reading; No Repair Needed; Fair; valve completely closed; decommission
GRNVLHW3	7/14/2014 9:13	37.4	29.4	3.1	30.1	-0.22	-0.01	83	7	0	-26.3	Slightly Closed; No Repair Needed; Fair
GRNVLHW3	7/14/2014 9:13	37.2	28.1	3.1	31.6	-0.04	-0.03	83	3	6	-26.17	2nd Reading; No Repair Needed; Good
GRNVLHW3	7/28/2014 8:52	56.3	35.9	0.1	7.7	-0.02	-0.02	79	5	5	-26.63	No Change; No Repair Needed; Good
GRNVLHW3	8/12/2014 7:45	45.8	31.5	3	19.7	-0.12	-0.05	80	6	3	-26.93	Slightly Closed; No Repair Needed; Good
GRNVLHW3	8/12/2014 7:46	46.1	30.7	3.1	20.1	-0.02	-0.02	80	5	5	-26.97	2nd Reading; No Repair Needed; Good
GRNVLHW3	8/27/2014 7:31	53.5	35.7	0.5	10.3	-0.02	-0.03	79	7	7	-27.02	No Change; No Repair Needed; Good
GRNVLHW3	9/10/2014 8:52	49	32.9	1.9	16.2	-0.23	-0.21	83	9	5	-26.97	No Change; No Repair Needed; Good
GRNVLHW3	9/25/2014 7:50	40.8	32.4	4.6	22.2	-0.12	-0.12	72	2	2	-27.06	No Change; No Repair Needed; Good
GRNVLHW3	10/9/2014 9:11	46.6	33.7	2.6	17.1	-0.1	-0.1	70	10	8	-26.63	No Change; No Repair Needed; Good
GRNVLHW3	10/23/2014 8:05	50.9	39.3	1.4	8.4	-0.19		62	6		-27.06	No Change; No Repair Needed; Good
GRNVLHW3	11/5/2014 7:54	46.6	33.5	2.7	17.2	-0.24	-0.18	61	9	8	-27.28	Slightly Closed; No Repair Needed; Good
GRNVLHW3	11/5/2014 7:55	47.8	30.4	2.8	19	-0.08		61	12		-27.23	2nd Reading; No Repair Needed; Good
GRNVLHW3	12/5/2014 8:00	60.4	39.6	0	0	1.07	-0.04	49	0	12	-16.23	Slightly Open; No Repair Needed; Good
GRNVLHW3	12/5/2014 8:01	62.6	37.2	0	0.2	-0.42		51	32		-17.09	2nd Reading; No Repair Needed; Good
GRNVLHW3	12/18/2014 8:06	50.7	35.7	2.4	11.2	-1.18		43	6		-21.1	No Change; No Repair Needed; Good
GRNVLHW3	1/8/2015 8:26	50.5	33.8	2.4	13.3	-1.56	-1.54	35	13	11	0.04	No Change; No Repair Needed; Fair; lateeral frozen
GRNVLHW3	1/8/2015 8:27	52.2	31.7	2.3	13.8	-1.53		36	17		0.04	2nd Reading; No Repair Needed; Good
GRNVLHW3	1/22/2015 7:57	48.7	32.5	2.9	15.9	-2.23		42	5		-25.51	No Change; No Repair Needed; Good
GRNVLHW3	2/3/2015 8:10	55.5	39.1	1.2	4.2	-2.47		37	7		-26.72	No Change; No Repair Needed; Good
GRNVLHW3	3/3/2015 8:21	61.4	33.9	0.5	4.2	-2.05	-2.29	39	7	6	-19.51	Slightly Open; No Repair Needed; Good
GRNVLHW3	3/3/2015 8:22	61.8	33.8	0.4	4	-2.78		39	9		-19.38	2nd Reading; No Repair Needed; Good
GRNVLHW3	3/18/2015 7:53	55.1	31.5	2.5	10.9	-4.67		45	6		-18.86	No Change; No Repair Needed; Good
GRNVLHW3	4/2/2015 8:01	45.6	27.2	5.1	22.1	-4.45	-3.75	54	4	0	-22.96	Slightly Closed; No Repair Needed; Good
GRNVLHW3	4/2/2015 8:02	46.1	25.4	5.1	23.4	-3.17		55	0		-22.53	2nd Reading; No Repair Needed; Good
GRNVLHW3	4/2/2015 10:37	51.5	32.9	2.5	13.1	-1.03		61	6		-23.22	No Change; No Repair Needed; Good
GRNVLHW3	4/17/2015 10:05	63.2	36.8	0	0	-0.33	-0.71	71	6	9	-20.46	Slightly Open; No Repair Needed; Good
GRNVLHW3	4/17/2015 10:06	63.9	36	0	0.1	-1.77		69	11		-20.93	2nd Reading; No Repair Needed; Good

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLHW3	5/5/2015 8:22	38.4	24.3	5.6	31.7	-4.97	-4.07	70	9	6	-27.15	Slightly Closed; No Repair Needed; Good
GRNVLHW3	5/5/2015 8:23	39.2	23.5	5.7	31.6	-3.29		70	8		-26.67	2nd Reading; No Repair Needed; Good
GRNVLHW3	5/5/2015 13:20	52.7	31.7	1.3	14.3	-0.32		84	6		-26.72	No Change; No Repair Needed; Good
GRNVLHW3	5/20/2015 9:31	47.2	31.2	2.8	18.8	-0.33		74	8		-26.63	No Change; No Repair Needed; Good
GRNVLHW3	6/1/2015 9:36	35.8	24.1	5.9	34.2	-0.11	-0.06	72	2	4	-19.34	Slightly Closed; No Repair Needed; Good
GRNVLHW3	6/1/2015 9:37	36.1	23.5	5.9	34.5	-0.01		72	4		-18.3	2nd Reading; No Repair Needed; Good
GRNVLHW3	6/16/2015 9:32	35	24.7	5.6	34.7	-0.03	-0.03	86	5	6	-22.53	Slightly Closed; No Repair Needed; Fair
GRNVLHW3	6/16/2015 9:33	34.9	23.7	5.6	35.8	-0.03		89	5		-21.92	2nd Reading; No Repair Needed; Fair
GRNVLHW3	7/2/2015 8:17	48.8	33.7	1.8	15.7	-0.01		78	5		-19.34	No Change; No Repair Needed; Good
GRNVLHW3	7/27/2015 9:51	51.9	34.4	1.2	12.5	-0.02		84	8		-19.46	No Change; No Repair Needed; Good
GRNVLHW4	7/14/2014 9:21	39	32.6	0.9	27.5	-2.01	-1.15	88	11	3	-26.82	Slightly Closed; No Repair Needed; Good
GRNVLHW4	7/14/2014 9:22	38.9	32.3	0.9	27.9	-0.27	-0.24	86	4	6	-26.17	2nd Reading; No Repair Needed; Good
GRNVLHW4	7/28/2014 9:00	60.1	39	0	0.9	0.65	-0.01	77	8	8	-26.63	Slightly Open; No Repair Needed; Good
GRNVLHW4	7/28/2014 9:02	60.1	39.9	0	0	-0.51	-0.5	80	5	5	-27.06	2nd Reading; No Repair Needed; Good
GRNVLHW4	8/12/2014 7:54	58.7	37.7	0	3.6	-0.04	-0.14	82	4	7	-26.63	Slightly Open; No Repair Needed; Good
GRNVLHW4	8/12/2014 7:54	59.3	38.6	0	2.1	-0.34	-0.33	83	6	6	-27.54	2nd Reading; No Repair Needed; Good
GRNVLHW4	8/27/2014 7:38	52.5	36.7	0.3	10.5	-0.48	-0.49	83	10	12	-26.15	No Change; No Repair Needed; Good
GRNVLHW4	9/10/2014 8:59	52.4	35.8	0.3	11.5	-0.49	-0.48	84	10	10	-27.19	No Change; No Repair Needed; Good
GRNVLHW4	9/25/2014 7:43	49.4	35.4	0.9	14.3	-0.44	-0.44	72	10	6	-26.16	No Change; No Repair Needed; Good
GRNVLHW4	10/9/2014 9:04	50.8	34.6	0.6	14	-0.18	-0.16	69	13	9	-24.26	No Change; No Repair Needed; Good
GRNVLHW4	10/23/2014 7:57	51.4	36.2	0.6	11.8	-0.4		62	6		-27.75	No Change; No Repair Needed; Good
GRNVLHW4	11/5/2014 7:44	47.5	34.7	1.5	16.3	-0.45	-0.38	60	13	10	-27.15	Slightly Closed; No Repair Needed; Good
GRNVLHW4	11/5/2014 7:45	48	33.8	1.5	16.7	-0.24		61	16		-27.62	2nd Reading; No Repair Needed; Good
GRNVLHW4	11/19/2014 8:23	60.3	37.1	0	2.6	0.02	-0.04	41	9	15	-26.63	Slightly Open; No Repair Needed; Good
GRNVLHW4	11/19/2014 8:24	61.3	38.3	0	0.4	-0.54		44	11		-26.41	2nd Reading; No Repair Needed; Good
GRNVLHW4	12/5/2014 7:52	54.6	38.9	0.3	6.2	-1.31		50	11		-16.06	No Change; No Repair Needed; Good
GRNVLHW4	12/18/2014 7:59	50.1	33.7	3.1	13.1	-2.15		42	10		-20.33	No Change; No Repair Needed; Good
GRNVLHW4	1/8/2015 8:14	42.9	29.9	4.6	22.6	-2.8	-2.53	29	33	21	-24.6	Slightly Closed; No Repair Needed; Fair
GRNVLHW4	1/8/2015 8:16	49.5	29.4	2.8	18.3	-3.17		32	26		-24.51	2nd Reading; No Repair Needed; Fair
GRNVLHW4	1/22/2015 7:51	48.2	32.8	3.2	15.8	-3.24		40	8		-25.9	No Change; No Repair Needed; Good
GRNVLHW4	2/3/2015 8:00	47.4	33.8	4.1	14.7	-2.36	-2.31	34	5	6	-27.41	Slightly Closed; No Repair Needed; Fair
GRNVLHW4	2/3/2015 8:01	46.5	31.1	4.7	17.7	-2.14		33	5		-27.67	2nd Reading; No Repair Needed; Fair
GRNVLHW4	3/3/2015 8:14	52.6	34.3	1.8	11.3	-0.64		34	7		-18.99	No Change; No Repair Needed; Good
GRNVLHW4	3/18/2015 7:44	56.7	34.8	1.9	6.6	-0.82		39	7		-17.22	No Change; No Repair Needed; Good
GRNVLHW4	4/2/2015 7:55	55.8	33.9	1.9	8.4	-2.58		58	0		-21.88	No Change; No Repair Needed; Good
GRNVLHW4	4/17/2015 9:55	62.5	37.5	0	0	-3.17	-3.46	74	6	7	-21.36	Slightly Open; No Repair Needed; Good
GRNVLHW4	4/17/2015 9:56	62.6	37	0	0.4	-4.14		73	11		-21.36	2nd Reading; No Repair Needed; Good
GRNVLHW4	5/5/2015 8:14	48	33.9	1.7	16.4	-12.6	-12.38	72	7	6	-27.06	Slightly Closed; No Repair Needed; Good
GRNVLHW4	5/5/2015 8:15	47.5	31.9	2.3	18.3	-11.48		73	8		-26.72	2nd Reading; No Repair Needed; Good
GRNVLHW4	5/20/2015 9:25	55.3	35.1	0.7	8.9	-0.98		73	11		-26.63	No Change; No Repair Needed; Good
GRNVLHW4	6/1/2015 9:29	51.9	32.7	0.5	14.9	-0.72		72	8		-26.97	No Change; No Repair Needed; Good
GRNVLHW4	6/16/2015 9:25	49.7	34.2	0.2	15.9	-0.41		89	10		-22.1	No Change; No Repair Needed; Good
GRNVLHW4	7/2/2015 8:08	51.5	36.6	0.2	11.7	-0.18		79	4		-18.6	No Change; No Repair Needed; Good
GRNVLHW4	7/27/2015 9:43	55.5	36.7	0.1	7.7	-0.22	-0.3	86	11	8	-19.72	Slightly Open; No Repair Needed; Good
GRNVLHW4	7/27/2015 9:44	55.6	37.1	0	7.3	-0.54		87	9		-19.64	2nd Reading; No Repair Needed; Good

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLHW5	7/14/2014 9:27	36.9	29.1	4.6	29.4	-0.02	-0.01	87	8	8	-26.22	No Change; No Repair Needed; Fair
GRNVLHW5	7/28/2014 9:07	32.6	26.4	6.5	34.5	-0.07	-0.02	84	10	7	-26.63	Slightly Closed; No Repair Needed; Fair
GRNVLHW5	7/28/2014 9:08	32.9	24.1	6.6	36.4	-0.02	-0.02	84	6	3	-26.67	2nd Reading; No Repair Needed; Fair
GRNVLHW5	7/28/2014 12:59	37.2	25.5	4.7	32.6	-0.01	-0.02	76	10	9	-27.23	No Change; No Repair Needed; Fair
GRNVLHW5	8/12/2014 8:04	35.6	26.2	6.3	31.9	-0.08	-0.01	86	11	8	-26.67	Slightly Closed; No Repair Needed; Fair
GRNVLHW5	8/12/2014 8:05	35.5	24.6	6.4	33.5	-0.01	-0.01	86	6	6	-26.93	2nd Reading; No Repair Needed; Fair
GRNVLHW5	8/12/2014 12:26	37.9	25.3	4.8	32	-0.01	-0.03	87	6	11	-26.37	No Change; No Repair Needed; Fair
GRNVLHW5	8/27/2014 7:43	43.4	30.5	3.7	22.4	-0.06	-0.04	86	36	35	-27.1	No Change; No Repair Needed; Fair
GRNVLHW5	9/10/2014 9:04	35.8	25.1	6.4	32.7	-0.19	-0.04	86	14	9	-27.02	Slightly Closed; No Repair Needed; Fair
GRNVLHW5	9/10/2014 9:05	35.7	24.8	6.5	33	-0.05	-0.03	86	8	8	-26.97	2nd Reading; No Repair Needed; Fair
GRNVLHW5	9/25/2014 7:37	37.6	44.1	1.2	17.1	-0.13	-0.06	76	38	36	-26.93	Slightly Closed; No Repair Needed; Good
GRNVLHW5	9/25/2014 7:38	32	50.5	0.9	16.6	-0.08	-0.06	75	4	11	-26.89	2nd Reading; No Repair Needed; Good
GRNVLHW5	10/9/2014 8:59	59.1	37.9	0.1	2.9	0.1	-0.02	69	37	38	-15.58	Slightly Open; No Repair Needed; Good
GRNVLHW5	10/9/2014 9:00	56.8	42.3	0	0.9	-0.05	-0.02	72	41	41	-15.15	2nd Reading; No Repair Needed; Good
GRNVLHW5	10/23/2014 7:53	51.3	33.9	1.5	13.3	-0.21		67	13		-27.06	No Change; No Repair Needed; Good
GRNVLHW5	11/5/2014 7:39	48.4	28.2	3.2	20.2	-0.24		62	20		-27.06	No Change; No Repair Needed; Good
GRNVLHW5	11/19/2014 8:17	55.4	35.5	0.9	8.2	-0.09		50	14		-27.58	No Change; No Repair Needed; Good
GRNVLHW5	12/5/2014 7:46	54.9	34.7	1	9.4	-0.16		52	15		-16.14	No Change; No Repair Needed; Good
GRNVLHW5	12/18/2014 7:55	55.1	37.2	0.7	7	-0.03		47	17		-19.72	No Change; No Repair Needed; Good
GRNVLHW5	1/8/2015 8:08	63.2	34.3	0.3	2.2	0.15	-0.18	40	0	25	-22.79	Slightly Open; No Repair Needed; Good
GRNVLHW5	1/8/2015 8:08	61.3	36.8	0	1.9	-0.51		42	42		-22.1	2nd Reading; No Repair Needed; Good
GRNVLHW5	1/22/2015 7:47	55.3	33.9	2.1	8.7	-1.43		43	23		-27.23	No Change; No Repair Needed; Good
GRNVLHW5	2/3/2015 7:55	56.5	34.7	1.9	6.9	-1.23		41	28		-27.19	No Change; No Repair Needed; Good
GRNVLHW5	3/3/2015 8:09	62	36.7	0.2	1.1	-0.03	-0.46	39	23	27	-18.69	Slightly Open; No Repair Needed; Good
GRNVLHW5	3/3/2015 8:10	61.2	37.5	0.1	1.2	-1.04		39	31		-18.69	2nd Reading; No Repair Needed; Good
GRNVLHW5	3/18/2015 7:40	51.9	32.5	3.1	12.5	-2.22		48	26		-17.31	No Change; No Repair Needed; Good
GRNVLHW5	4/2/2015 7:47	40	24.9	6.8	28.3	-2.95	-1.93	54	26	15	-21.84	Slightly Closed; No Repair Needed; Good
GRNVLHW5	4/2/2015 7:48	40.1	26.9	6.5	26.5	-1.12		54	15		-22.53	2nd Reading; No Repair Needed; Good
GRNVLHW5	4/2/2015 10:34	55.6	34.8	1.1	8.5	-0.2		56	13		-23.18	No Change; No Repair Needed; Good
GRNVLHW5	4/17/2015 9:44	61	38	0	1	1.17	-0.05	70	16	21	-22.53	Slightly Open; No Repair Needed; Good
GRNVLHW5	4/17/2015 9:45	60.6	38.7	0	0.7	-0.32		68	19		-22.05	2nd Reading; No Repair Needed; Good
GRNVLHW5	5/5/2015 8:08	32.5	18.9	9.3	39.3	-3.34	-2.14	69	20	11	-26.97	Slightly Closed; No Repair Needed; Good
GRNVLHW5	5/5/2015 8:09	31.8	20.8	9.1	38.3	-1.16		69	11		-26.76	2nd Reading; No Repair Needed; Good
GRNVLHW5	5/5/2015 13:23	60.2	38	0	1.8	0.56	-0.19	83	10	16	-26.89	Slightly Open; No Repair Needed; Good
GRNVLHW5	5/5/2015 13:24	60	38.7	0	1.3	-0.81		79	15		-26.76	2nd Reading; No Repair Needed; Good
GRNVLHW5	5/20/2015 9:20	30.5	26.2	7.8	35.5	-2.46	-1.61	72	12	7	-26.63	Slightly Closed; No Repair Needed; Good
GRNVLHW5	5/20/2015 9:21	29.9	24.5	7.9	37.7	-0.65		73	7		-26.89	2nd Reading; No Repair Needed; Good
GRNVLHW5	5/20/2015 13:47	57.9	37.2	0.1	4.8	-0.01		79	10		-26.67	No Change; No Repair Needed; Good
GRNVLHW5	6/1/2015 9:22	35	26.9	5.6	32.5	-0.65	-0.58	72	8	5	-26.63	Slightly Closed; No Repair Needed; Good
GRNVLHW5	6/1/2015 9:23	34.7	25.5	5.6	34.2	-0.38		72	8		-26.93	2nd Reading; No Repair Needed; Good
GRNVLHW5	6/16/2015 9:20	50.8	35.4	1.5	12.3	-0.15		86	9		-22.1	No Change; No Repair Needed; Good
GRNVLHW5	7/2/2015 8:02	55.7	37.1	0.7	6.5	-0.05		77	6		-18.95	No Change; No Repair Needed; Good
GRNVLHW5	7/27/2015 9:38	54.1	36.1	1.1	8.7	-0.08		83	9		-19.34	No Change; No Repair Needed; Good
GRNVLHW6	7/14/2014 9:45	34.8	28.4	5.5	31.3	-0.01	-0.01	85	13	6	-26.26	No Change; No Repair Needed; Fair
GRNVLHW6	7/14/2014 9:46	33.9	26.3	5.7	34.1	-0.04	-0.04	86	10	10	-26.17	2nd Reading; No Repair Needed; Fair

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLHW6	7/28/2014 9:27	35.9	29.4	4.5	30.2	-0.52	-0.18	84	13	6	-26.59	Slightly Closed; No Repair Needed; Fair
GRNVLHW6	7/28/2014 9:28	36.2	28	4.6	31.2	-0.02	-0.02	83	4	4	-26.33	2nd Reading; No Repair Needed; Fair
GRNVLHW6	8/12/2014 8:20	60.9	37.2	0	1.9	0.15	-0.04	83	8	11	-26.8	Slightly Open; No Repair Needed; Good
GRNVLHW6	8/12/2014 8:21	61.1	38	0	0.9	-0.13	-0.16	85	16	11	-27.02	2nd Reading; No Repair Needed; Good
GRNVLHW6	8/27/2014 8:00	31.8	25.1	6.8	36.3	-0.25	-0.07	85	15	8	-26.11	Slightly Closed; No Repair Needed; Fair
GRNVLHW6	8/27/2014 8:01	31.4	23.7	7	37.9	-0.02	-0.01	85	8	7	-26.54	2nd Reading; No Repair Needed; Fair
GRNVLHW6	9/10/2014 9:23	53.6	35.6	0.5	10.3	-0.15	-0.14	84	10	10	-26.63	No Change; No Repair Needed; Good
GRNVLHW6	9/25/2014 8:04	46.1	35.5	2.7	15.7	-0.37	-0.37	78	8	4	-26.5	No Change; No Repair Needed; Good
GRNVLHW6	10/9/2014 9:26	51.2	34.5	1.4	12.9	-0.47	-0.44	77	15	13	-27.28	No Change; No Repair Needed; Good
GRNVLHW6	10/23/2014 8:19	52.8	34.6	1.1	11.5	-0.41		69	11		-27.06	No Change; No Repair Needed; Good
GRNVLHW6	11/5/2014 8:12	51.4	33.1	1.7	13.8	-0.37		63	13		-26.85	No Change; No Repair Needed; Good
GRNVLHW6	11/19/2014 8:52	56.6	35.3	0.6	7.5	-0.08		48	7		-27.23	No Change; No Repair Needed; Good
GRNVLHW6	12/5/2014 8:16	50.6	29.8	2.7	16.9	-0.05		57	12		-16.62	No Change; No Repair Needed; Good
GRNVLHW6	12/18/2014 8:20	42.2	31	5.2	21.6	-1.64	-1.59	49	6	6	-20.37	Slightly Closed; No Repair Needed; Good
GRNVLHW6	12/18/2014 8:21	43	29.3	5.3	22.4	-1.3		49	9		-20.54	2nd Reading; No Repair Needed; Good
GRNVLHW6	12/18/2014 11:52	60.3	36.7	0	3	0.46	-0.05	50	0	0	-19.77	Slightly Open; No Repair Needed; Good
GRNVLHW6	12/18/2014 11:53	60.9	37.1	0	2	-0.88		54	0		-19.55	2nd Reading; No Repair Needed; Good
GRNVLHW6	1/8/2015 8:47	51.3	32.8	2.6	13.3	-2.5		42	9		-24.13	No Change; No Repair Needed; Good
GRNVLHW6	1/22/2015 8:13	58.9	37.3	0.7	3.1	-5	-5.44	46	14	19	-25.55	Slightly Open; No Repair Needed; Good
GRNVLHW6	1/22/2015 8:14	59	37.4	0.6	3	-6.82		48	18		-25.59	2nd Reading; No Repair Needed; Good
GRNVLHW6	2/3/2015 8:26	58.7	36.7	0.6	4	-10.61	-10.96	44	14	20	-25.33	Slightly Open; No Repair Needed; Good
GRNVLHW6	2/3/2015 8:27	59.4	38.1	0.4	2.1	-12.34		46	21		-26.93	2nd Reading; No Repair Needed; Good
GRNVLHW6	3/3/2015 8:39	30.2	24.1	9.2	36.5	-0.63	-0.01	46	19	8	-18.34	Slightly Closed; No Repair Needed; Fair
GRNVLHW6	3/3/2015 8:40	30.7	22.4	9.6	37.3	-0.01		45	13		-17.95	2nd Reading; No Repair Needed; Good
GRNVLHW6	3/18/2015 8:15	62.9	35.8	0.5	0.8	-2.69	-2.89	46	14	23	-19.38	Slightly Open; No Repair Needed; Good
GRNVLHW6	3/18/2015 8:16	61.8	36.6	0.3	1.3	-3.78		46	20		-18.9	2nd Reading; No Repair Needed; Good
GRNVLHW6	4/2/2015 8:24	59.2	35.3	0.7	4.8	-10.61		60	14		-23.05	No Change; No Repair Needed; Good
GRNVLHW6	4/17/2015 10:33	62	36.4	0	1.6	-4.31	-4.97	71	21	21	-20.8	Slightly Open; No Repair Needed; Good
GRNVLHW6	4/17/2015 10:34	62	37.1	0	0.9	-7.51		71	22		-19.98	2nd Reading; No Repair Needed; Good
GRNVLHW6	5/5/2015 8:48	4.9	9.9	18.6	66.6	-27.26	-27.18	74	0	0	-27.36	Slightly Closed; No Repair Needed; Fair
GRNVLHW6	5/5/2015 8:49	7.8	4.5	18.5	69.2	-27.22		74	0		-26.63	2nd Reading; No Repair Needed; Fair; camera investigation
GRNVLHW6	5/20/2015 10:01	5.2	10.9	17.7	66.2	-26.83	-26.83	69	2	0	-27.02	Slightly Closed; No Repair Needed; Fair; camera investigation
GRNVLHW6	5/20/2015 10:02	5.1	5.6	18.6	70.7	-26.53		72	5		-26.28	2nd Reading; No Repair Needed; Fair
GRNVLHW6	6/1/2015 10:04	48.9	40.8	1	9.3	-0.24		61	4		-26.59	No Change; No Repair Needed; Good
GRNVLHW6	6/16/2015 10:05	50.1	29.1	3.6	17.2	-22.04		89	5		-21.97	No Change; No Repair Needed; Fair
GRNVLHW6	7/2/2015 8:46	14.2	10.3	15.9	59.6	-18.85	-18.9	72	7	5	-18.6	Slightly Closed; No Repair Needed; Fair; valve completely closed
GRNVLHW6	7/2/2015 8:47	21.6	13.4	13.3	51.7	-18.59		71	5		-19.34	2nd Reading; No Repair Needed; Fair; valve completely closed
GRNVLHW6	7/15/2015 9:38	8.6	3.9	17.2	70.3	-4.74	-4.74	75	7	7	-26.67	No Change; No Repair Needed; Fair; valve completely closed
GRNVLHW6	7/15/2015 9:40	25.3	16.2	11.3	47.2	-4.8		75	8		-26.63	2nd Reading; No Repair Needed; Fair; valve completely closed

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLHW6	7/27/2015 10:38	56.9	33	1.2	8.9	1.82	-1.66	83	0	0	-19.34	Slightly Open; No Repair Needed; Good
GRNVLHW6	7/27/2015 10:39	56.1	34	1.8	8.1	-8.2		82	4		-19.34	2nd Reading; No Repair Needed; Good
GRNVLHW7	7/14/2014 9:16	56.7	37.9	0.3	5.1	-0.45	-0.66	94	52	49	-26.69	No Change; No Repair Needed; Good
GRNVLHW7	7/28/2014 8:55	59.2	39.3	0	1.5	-0.61	-0.73	94	50	58	-27.32	Slightly Open; No Repair Needed; Good
GRNVLHW7	7/28/2014 8:55	58.9	40.6	0	0.5	-0.8	-0.72	94	63	66	-26.76	2nd Reading; No Repair Needed; Good
GRNVLHW7	8/12/2014 7:49	54.9	37.4	0.8	6.9	-0.95	-0.89	96	61	65	-26.24	No Change; No Repair Needed; Good
GRNVLHW7	8/27/2014 7:33	53.5	36.8	1.3	8.4	-1.09	-0.94	97	62	61	-26.5	No Change; No Repair Needed; Good
GRNVLHW7	9/10/2014 8:55	54.3	36.8	0.9	8	-0.69	-0.63	98	42	47	-26.93	No Change; No Repair Needed; Good
GRNVLHW7	9/25/2014 7:47	42.6	35.1	4.2	18.1	-0.99	-0.38	98	63	46	-27.14	Slightly Closed; No Repair Needed; Good
GRNVLHW7	9/25/2014 7:48	43.1	33.5	4.1	19.3	-0.38	-0.38	98	45	39	-27.83	2nd Reading; No Repair Needed; Good
GRNVLHW7	10/9/2014 9:08	58.7	39	0	2.3	0.17	-0.05	62	21	36	-26.93	Slightly Open; No Repair Needed; Good
GRNVLHW7	10/9/2014 9:09	59.7	40.3	0	0	-0.06	-0.02	83	26	24	-25.9	2nd Reading; No Repair Needed; Good
GRNVLHW7	10/23/2014 8:02	57.6	42	0	0.4	0.03	-0.11	86	24	27	-26.67	Slightly Open; No Repair Needed; Good
GRNVLHW7	10/23/2014 8:03	58.5	41.5	0	0	-0.13		87	25		-26.33	2nd Reading; No Repair Needed; Good
GRNVLHW7	11/5/2014 7:51	56.7	39	0.2	4.1	-0.22	-0.42	87	17	28	-27.41	Slightly Open; No Repair Needed; Good
GRNVLHW7	11/5/2014 7:52	56.8	39	0.2	4	-0.24		87	38		-28.01	2nd Reading; No Repair Needed; Good
GRNVLHW7	11/19/2014 8:28	56.8	38.2	0.2	4.8	-1.86		82	103		-26.54	No Change; No Repair Needed; Good
GRNVLHW7	12/5/2014 7:58	57.6	41	0	1.4	-0.06		78	33		-15.93	No Change; No Repair Needed; Good
GRNVLHW7	12/18/2014 8:03	55.5	38.6	0	5.9	-0.2		74	29		-20.54	No Change; No Repair Needed; Good
GRNVLHW7	1/8/2015 8:23	54.1	32.9	1.1	11.9	-0.37		69	35		-24.21	No Change; No Repair Needed; Good
GRNVLHW7	1/22/2015 7:55	54.8	37.4	1	6.8	-0.48		74	49		-25.33	No Change; No Repair Needed; Good
GRNVLHW7	2/3/2015 8:07	60.2	38.9	0.1	0.8	-1.3	-1.97	69	74	85	-27.97	Slightly Open; No Repair Needed; Good
GRNVLHW7	2/3/2015 8:08	59.4	40.3	0	0.3	-1.26		70	72		-28.05	2nd Reading; No Repair Needed; Good
GRNVLHW7	3/3/2015 8:18	48.7	34.9	2.8	13.6	-0.77		73	56		-18.73	No Change; No Repair Needed; Good
GRNVLHW7	3/18/2015 7:50	43.9	29.3	4.8	22	-0.91	-0.36	64	52	35	-17.39	Slightly Closed; No Repair Needed; Fair
GRNVLHW7	3/18/2015 7:50	44.5	30.4	4.3	20.8	-0.31		64	32		-18.47	2nd Reading; No Repair Needed; Good
GRNVLHW7	4/2/2015 7:59	49.1	35.5	2.6	12.8	-0.51		74	39		-22.53	No Change; No Repair Needed; Good
GRNVLHW7	4/17/2015 10:02	60.5	37.4	0	2.1	-0.48	-0.74	76	37	48	-21.28	Slightly Open; No Repair Needed; Good
GRNVLHW7	4/17/2015 10:03	60.1	38.7	0	1.2	-0.77		76	35		-22.31	2nd Reading; No Repair Needed; Good
GRNVLHW7	5/5/2015 8:20	52.7	37	1.4	8.9	-2.59		82	46		-27.32	No Change; No Repair Needed; Good
GRNVLHW7	5/20/2015 9:29	49.9	35.5	2	12.6	-2.02		92	58		-26.59	No Change; No Repair Needed; Good
GRNVLHW7	6/1/2015 9:33	36.2	28.3	5.9	29.6	-1.17	-0.59	99	56	36	-26.28	Slightly Closed; No Repair Needed; Good
GRNVLHW7	6/1/2015 9:33	36.4	27	5.6	31	-0.45		98	44		-28.4	2nd Reading; No Repair Needed; Good
GRNVLHW7	6/16/2015 9:29	44.7	34.8	3	17.5	-0.48	-0.33	99	34	28	-21.45	Slightly Closed; No Repair Needed; Good
GRNVLHW7	6/16/2015 9:29	44.4	33.1	3	19.5	-0.27		98	18		-22.05	2nd Reading; No Repair Needed; Good
GRNVLHW7	7/2/2015 8:15	59.6	40	0	0.4	-0.13	-0.33	92	13	26	-26.59	Slightly Open; No Repair Needed; Good
GRNVLHW7	7/2/2015 8:16	59.7	40.3	0	0	-0.43		92	31		-23.74	2nd Reading; No Repair Needed; Good
GRNVLHW7	7/27/2015 9:49	48.7	36.2	1.9	13.2	-0.35		100	27		-19.72	No Change; No Repair Needed; Good
GRNVLHW8	7/14/2014 9:24	55	37.8	0.3	6.9	-0.22	-0.21	96	23	26	-26.26	No Change; No Repair Needed; Good
GRNVLHW8	7/28/2014 9:05	57.2	40.3	0.2	2.3	-0.12	-0.25	96	30	32	-27.06	No Change; No Repair Needed; Good
GRNVLHW8	8/12/2014 7:57	51.6	37.8	0.7	9.9	-0.2	-0.19	98	31	32	-25.94	No Change; No Repair Needed; Good
GRNVLHW8	8/27/2014 7:40	49.9	36.9	1	12.2	-0.13	-0.16	99	26	26	-26.15	No Change; No Repair Needed; Good
GRNVLHW8	9/10/2014 9:01	52.1	37.4	0.8	9.7	-0.19	-0.16	100	25	29	-26.63	No Change; No Repair Needed; Good
GRNVLHW8	9/25/2014 7:40	36.6	39.6	3.3	20.5	-0.11	-0.05	100	25	21	-26.46	Slightly Closed; No Repair Needed; Good
GRNVLHW8	9/25/2014 7:41	39.5	34.3	3.4	22.8	-0.05	-0.04	99	23	19	-26.16	2nd Reading; No Repair Needed; Good

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Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLHW8	10/9/2014 9:02	46.1	32.3	2.5	19.1	-0.01	-0.02	98	39	36	-21.32	No Change; No Repair Needed; Good
GRNVLHW8	10/23/2014 7:55	47.6	37.3	2	13.1	-0.01		92	19		-26.67	No Change; No Repair Needed; Good
GRNVLHW8	11/5/2014 7:41	48.9	34.1	1.9	15.1	-0.03		91	17		-26.59	No Change; No Repair Needed; Good
GRNVLHW8	11/19/2014 8:20	48.3	36.6	2.3	12.8	-0.01		82	36		-26.33	No Change; No Repair Needed; Good
GRNVLHW8	12/5/2014 7:49	57.5	38.5	0.2	3.8	0.08	-0.09	83	32	37	-16.23	Slightly Open; No Repair Needed; Good
GRNVLHW8	12/5/2014 7:50	57.2	38.9	0	3.9	-0.1		85	26		-17.44	2nd Reading; No Repair Needed; Good
GRNVLHW8	12/18/2014 7:57	48.6	36.4	2.1	12.9	-0.18		81	22		-22.44	No Change; No Repair Needed; Good
GRNVLHW8	1/8/2015 8:10	44.4	34.2	3.6	17.8	-0.12	-0.02	79	30	26	-25.55	Slightly Closed; No Repair Needed; Good
GRNVLHW8	1/8/2015 8:11	43.6	32.5	3.8	20.1	-0.03		78	19		-25.46	2nd Reading; No Repair Needed; Good
GRNVLHW8	1/22/2015 7:49	53.6	36.4	1.1	8.9	-0.09		75	14		-26.24	No Change; No Repair Needed; Good
GRNVLHW8	2/3/2015 7:57	59.9	39.1	0.1	0.9	-0.02	-0.18	67	14	22	-27.67	Slightly Open; No Repair Needed; Good
GRNVLHW8	2/3/2015 7:58	59.2	40.2	0.1	0.5	-0.21		68	25		-28.36	2nd Reading; No Repair Needed; Good
GRNVLHW8	3/3/2015 8:12	53.2	36	1.2	9.6	-0.2		73	28		-19.72	No Change; No Repair Needed; Good
GRNVLHW8	3/18/2015 7:42	53.7	34.5	1.2	10.6	-0.13		62	28		-18.73	No Change; No Repair Needed; Good
GRNVLHW8	4/2/2015 7:51	40.8	28.5	4.3	26.4	-0.32	-0.07	82	25	19	-23.78	Slightly Closed; No Repair Needed; Good
GRNVLHW8	4/2/2015 7:52	40.5	29.6	4.2	25.7	-0.1		81	23		-22.53	2nd Reading; No Repair Needed; Good
GRNVLHW8	4/17/2015 9:52	59.7	38.6	0	1.7	-0.03	-0.32	77	22	31	-21.84	Slightly Open; No Repair Needed; Good
GRNVLHW8	4/17/2015 9:53	59.7	39	0	1.3	-0.33		77	30		-22.36	2nd Reading; No Repair Needed; Good
GRNVLHW8	5/5/2015 8:11	56.2	36.6	0.7	6.5	-1.37		80	47		-27.49	No Change; No Repair Needed; Good
GRNVLHW8	5/20/2015 9:23	51.7	32.7	1.3	14.3	-1.63		89	39		-27.45	No Change; No Repair Needed; Good
GRNVLHW8	6/1/2015 9:26	34.3	25.6	5.4	34.7	-0.94	-0.69	100	35	33	-27.97	Slightly Closed; No Repair Needed; Good
GRNVLHW8	6/1/2015 9:26	34.3	26.2	5.4	34.1	-0.49		100	27		-27.19	2nd Reading; No Repair Needed; Good
GRNVLHW8	6/16/2015 9:22	41.4	32.9	2.6	23.1	-0.3	-0.2	101	31	22	-23	Slightly Closed; No Repair Needed; Good
GRNVLHW8	6/16/2015 9:23	41.1	32.3	2.6	24	-0.19		101	25		-22.83	2nd Reading; No Repair Needed; Good
GRNVLHW8	7/2/2015 8:05	55.5	37.9	0	6.6	-0.07	-0.17	93	10	15	-19.51	Slightly Open; No Repair Needed; Good
GRNVLHW8	7/2/2015 8:06	55.5	38.8	0	5.7	-0.25		93	25		-18.99	2nd Reading; No Repair Needed; Good
GRNVLHW8	7/27/2015 9:41	44.2	34	1.5	20.3	-0.26		100	19		-20.5	No Change; No Repair Needed; Good
GRNVLHW9	5/20/2015 9:36	60.7	36.4	0.1	2.8	0.15	-0.03	74	9	24	-26.63	Slightly Open; No Repair Needed; Good
GRNVLHW9	5/20/2015 9:39	60.9	37	0	2.1	-0.03		78	29		-26.97	2nd Reading; No Repair Needed; Good
GRNVLHW9	6/1/2015 9:41	24	21	8.7	46.3	-0.02	-0.02	83	20	21	-17.22	No Change; No Repair Needed; Fair
GRNVLHW9	6/1/2015 9:42	24.3	18.6	8.6	48.5	-0.02		83	24		-17.35	2nd Reading; No Repair Needed; Fair
GRNVLHW9	6/16/2015 9:38	29.3	22.2	6.9	41.6	-0.08	-0.03	94	24	19	-22.27	Slightly Closed; No Repair Needed; Good
GRNVLHW9	6/16/2015 9:39	29	22	7	42	-0.01		94	16		-22.44	2nd Reading; No Repair Needed; Good
GRNVLHW9	7/2/2015 8:25	31.7	23.4	6.3	38.6	-0.02	-0.02	92	18	18	-19.34	No Change; No Repair Needed; Fair
GRNVLHW9	7/2/2015 8:26	31.6	23.3	6.4	38.7	-0.02		93	20		-18.17	2nd Reading; No Repair Needed; Fair
GRNVLHW9	7/15/2015 9:30	50	33.9	2.2	13.9	-0.06		90	21		-27.1	No Change; No Repair Needed; Good
GRNVLHW9	7/27/2015 9:59	31.5	23.4	5.9	39.2	-0.04	-0.02	95	23	22	-19.08	Slightly Closed; No Repair Needed; Fair
GRNVLHW9	7/27/2015 10:00	31.8	23.2	6	39	-0.02		95	27		-19.64	2nd Reading; No Repair Needed; Fair
GRNVLPW1	7/14/2014 9:10	57.7	36.7	0.4	5.2	-26.2	-26.24	86	23	24	-26.17	No Change; No Repair Needed; Good
GRNVLPW1	7/28/2014 8:50	60.2	38	0.1	1.7	-26.49	-26.83	88	12	14	-26.28	No Change; No Repair Needed; Good
GRNVLPW1	8/12/2014 7:43	60.2	37.8	0	2	-26.66	-26.32	94	35	32	-26.28	No Change; No Repair Needed; Good
GRNVLPW1	8/27/2014 7:29	60.3	36.7	0.1	2.9	-26.49	-26.49	89	16	14	-26.2	No Change; No Repair Needed; Fair; needs pump
GRNVLPW1	9/10/2014 8:50	59.7	38.1	0	2.2	-26.66	-26.66	89	9	13	-26.97	No Change; No Repair Needed; Good
GRNVLPW1	9/25/2014 7:52	59.2	38.2	0.1	2.5	-15.47	-21.37	99	32	21	-27.27	Slightly Open; No Repair Needed; Good; 5120
GRNVLPW1	9/25/2014 7:53	57.2	41.2	0.1	1.5	-22.36	-22.06	99	27	29	-27.32	2nd Reading; No Repair Needed; Good

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLPW1	10/9/2014 9:13	54.4	35	1.4	9.2	-22.35	-22.35	91	31	28	-26.28	No Change; No Repair Needed; Good; 13505
GRNVLPW1	10/23/2014 8:08	53.4	35.8	1.7	9.1	-24.63		80	35		-27.02	No Change; No Repair Needed; Good; 13506
GRNVLPW1	11/5/2014 7:57	57.2	34.8	1.1	6.9	-25.5		87	32		-26.97	No Change; No Repair Needed; Good; 13506
GRNVLPW1	11/19/2014 8:35	48.8	31.2	3.4	16.6	-22.09		62	48		-26.67	No Change; Pump Maintenance Required; Fair; 13506
GRNVLPW1	12/5/2014 8:04	55.3	36.6	0.5	7.6	-12.21		58	27		-16.62	No Change; No Repair Needed; Good; 13506
GRNVLPW1	1/8/2015 8:29	37	26.2	8	28.8	-0.86	-0.76	6	6	6	-24.04	Slightly Closed; Pump Maintenance Required; Fair; 13508
GRNVLPW1	1/8/2015 8:30	37	26	7.9	29.1	-0.88		6	12		-24.43	2nd Reading; Pump Maintenance Required; Fair
GRNVLPW1	1/22/2015 7:59	48.3	29.9	4.4	17.4	-20.97		39	12		-26.24	No Change; Pump Maintenance Required; Fair; 13510
GRNVLPW1	2/3/2015 8:12	51.1	32.4	3	13.5	-1.32		30	9		-26.59	No Change; Pump Maintenance Required; Fair; 13510
GRNVLPW1	3/3/2015 8:25	61	38.2	0	0.8	72.91	-0.18	78	0	28	-18.64	Slightly Open; No Repair Needed; Good; 25170
GRNVLPW1	3/3/2015 8:26	58.8	40	0	1.2	-3.03		102	23		-16.92	2nd Reading; No Repair Needed; Good
GRNVLPW1	3/18/2015 7:55	61.5	38.5	0	0	57.68	-3.76	72	0	21	-18.56	Slightly Open; No Repair Needed; Good; 27057
GRNVLPW1	3/18/2015 7:56	59.2	39.4	0.1	1.3	-11.35		100	30		-18.69	2nd Reading; No Repair Needed; Good
GRNVLPW1	4/2/2015 8:06	12.9	11.9	15.2	60	-23.47	-23.04	66	22	11	-23.48	Slightly Closed; Pump Maintenance Required; Fair; 27866
GRNVLPW1	4/2/2015 8:07	22.4	19.2	13.1	45.3	-21.83		65	12		-23.18	2nd Reading; Pump Maintenance Required; Fair
GRNVLPW1	4/2/2015 10:41	44.9	28.6	4.7	21.8	-22.48		73	19		-22.87	No Change; No Repair Needed; Fair; force main restricted
GRNVLPW1	4/17/2015 10:09	61.4	38.3	0	0.3	42.88	-19.59	90	18	62	-20.5	Slightly Open; No Repair Needed; Good; 32348
GRNVLPW1	4/17/2015 10:11	15.2	16.6	14.6	53.6	-18.21	-14.11	88	45	21	-20.2	Slightly Closed; Pump Maintenance Required; Fair
GRNVLPW1	4/17/2015 10:18	38.1	27	4.2	30.7	-2.63		92	37		-20.5	No Change; No Repair Needed; Fair; got pump cycling
GRNVLPW1	5/5/2015 8:35	53.4	31	1.5	14.1	-26.53		96	51		-26.93	No Change; No Repair Needed; Good; 38690
GRNVLPW1	5/20/2015 9:33	60.7	36.7	0.7	1.9	-26.57		96	21		-26.24	No Change; No Repair Needed; Good; 44690
GRNVLPW1	6/1/2015 9:39	57.7	32.9	0.6	8.8	-17.13		81	12		-16.92	No Change; No Repair Needed; Good; 44690
GRNVLPW1	6/16/2015 9:35	52.2	35.4	1.8	10.6	-19.28		100	47		-22.1	No Change; No Repair Needed; Good; 52359
GRNVLPW1	7/2/2015 8:21	61	39	0	0	33.22	-0.59	95	18	59	-18.99	Slightly Open; No Repair Needed; Good; 52420
GRNVLPW1	7/2/2015 8:22	59.2	39.6	1.2	0	-2.43		101	64		-18.64	2nd Reading; No Repair Needed; Good
GRNVLPW1	7/27/2015 9:55	57.7	37.6	0	4.7	-11.65	-19.24	97	37	15	-19.34	Slightly Open; No Repair Needed; Good; 52422
GRNVLPW1	7/27/2015 9:57	48.1	30.9	4	17	-15.44		95	22		-19.51	2nd Reading; No Repair Needed; Fair
GRNVLPW2	7/14/2014 9:18	57.9	39.8	0	2.3	-24.82	-24.86	98	39	33	-26.09	No Change; No Repair Needed; Good
GRNVLPW2	7/28/2014 8:58	57.8	40.9	0	1.3	-25.5	-25.45	96	28	29	-26.59	No Change; No Repair Needed; Good
GRNVLPW2	8/12/2014 7:51	57.5	38.6	0	3.9	-26.23	-26.32	98	33	33	-26.07	No Change; No Repair Needed; Good
GRNVLPW2	8/27/2014 7:36	58.8	39.3	0	1.9	-27.18	-25.88	98	30	38	-26.85	No Change; No Repair Needed; Fair; needs pump
GRNVLPW2	9/10/2014 8:57	56.6	39.7	0.2	3.5	-26.23	-26.62	99	32	30	-26.72	No Change; No Repair Needed; Good
GRNVLPW2	9/25/2014 7:45	57.9	38.8	0	3.3	-23.74	-24.47	100	33	33	-26.97	No Change; No Repair Needed; Good; 3131
GRNVLPW2	10/9/2014 9:06	56.7	38.3	0.3	4.7	-25.11	-24.42	95	26	25	-26.97	No Change; Pump Maintenance Required; Good; 3132
GRNVLPW2	10/23/2014 8:00	58.5	39.7	0	1.8	-1.82	-5.18	106	31	47	-28.18	Slightly Open; No Repair Needed; Good; 7353
GRNVLPW2	10/23/2014 8:00	57.8	41.9	0	0.3	-9.71		106	57		-29	2nd Reading; No Repair Needed; Good
GRNVLPW2	11/5/2014 7:48	58.8	39.9	0	1.3	-16.39	-22.09	104	60	50	-26.97	Slightly Open; No Repair Needed; Good; 18348

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLPW2	11/5/2014 7:49	58.7	39.9	0	1.4	-21.1		104	62		-27.19	2nd Reading; No Repair Needed; Good
GRNVLPW2	11/19/2014 8:26	55.5	38.2	0.7	5.6	-25.93		89	43		-27.32	No Change; No Repair Needed; Good; 18348
GRNVLPW2	12/5/2014 7:55	56	38.3	0	5.7	-5.91	-7.72	104	48	46	-14.89	Slightly Open; No Repair Needed; Good
GRNVLPW2	12/5/2014 7:56	57.5	40.5	0	2	-8.2		104	48		-15.11	2nd Reading; No Repair Needed; Good
GRNVLPW2	12/18/2014 8:01	56.4	35.2	0.4	8	-20.36		83	25		-21.1	No Change; No Repair Needed; Good; 20067
GRNVLPW2	1/8/2015 8:18	56.5	33.9	0.5	9.1	-24.12		66	37		-24.34	No Change; No Repair Needed; Good; 20067
GRNVLPW2	1/22/2015 7:53	57.9	34.8	0.4	6.9	-25.5		74	37		-25.55	No Change; Pump Maintenance Required; Fair
GRNVLPW2	2/3/2015 8:04	59.5	39.2	0.1	1.2	-27.57		71	29		-26.28	No Change; Pump Maintenance Required; Fair; 20069; surging
GRNVLPW2	3/3/2015 8:16	58.6	36.7	0.2	4.5	-19.15		65	52		-18.13	No Change; No Repair Needed; Good; 20119
GRNVLPW2	3/18/2015 7:46	57.6	36	0.5	5.9	-16.78		81	28		-17.44	No Change; No Repair Needed; Good; 20700
GRNVLPW2	4/2/2015 7:57	60.1	38.9	0.1	0.9	-3.91		92	0		-23.13	No Change; No Repair Needed; Fair; 23417; remote restricted
GRNVLPW2	4/17/2015 9:59	59	39.9	0	1.1	-4.75		107	0		-21.15	No Change; No Repair Needed; Fair; 42302; remote restricted
GRNVLPW2	5/5/2015 8:18	59.1	38.6	0.1	2.2	-7.98		107	53		-27.23	No Change; No Repair Needed; Good; 50415; surging
GRNVLPW2	5/20/2015 9:27	57.3	36.4	0.5	5.8	-23.3		94	21		-26.76	No Change; No Repair Needed; Good
GRNVLPW2	6/1/2015 9:31	56.1	35.7	0.6	7.6	-25.19		86	25		-26.59	No Change; No Repair Needed; Good; 55176; surging
GRNVLPW2	6/16/2015 9:27	56.8	38.9	0	4.3	-7.59		111	55		-22.49	No Change; No Repair Needed; Good; surging
GRNVLPW2	7/2/2015 8:11	59.4	39.8	0	0.8	-9.58	-20.28	106	36	37	-22.49	Slightly Open; No Repair Needed; Fair; 111414; surging
GRNVLPW2	7/2/2015 8:12	58.7	40.3	0.2	0.8	-19.15		106	53		-26.28	2nd Reading; No Repair Needed; Fair
GRNVLPW2	7/27/2015 9:47	57.9	39.6	0.2	2.3	-17.86		110	35		-18.69	No Change; No Repair Needed; Fair; 154692; remote restricted
GRNVLY01	7/14/2014 12:57	45.4	35.3	0	19.3	-18.61	-16.89	105	11	5	-25.44	Slightly Closed; No Repair Needed; Good
GRNVLY01	7/14/2014 12:57	45.3	34.2	0	20.5	-14.91	-15.12	103	5	8	-29.14	2nd Reading; No Repair Needed; Good
GRNVLY01	7/28/2014 12:36	59	36.3	0	4.7	-5.44	-5.74	100	9	7	-24.82	Slightly Open; No Repair Needed; Good
GRNVLY01	7/28/2014 12:36	59.4	37.4	0	3.2	-6.08	-6.13	101	10	11	-25.21	2nd Reading; No Repair Needed; Good
GRNVLY01	8/12/2014 11:59	59.4	37	0	3.6	-7.42	-7.55	102	9	11	-24.51	Slightly Open; No Repair Needed; Good
GRNVLY01	8/12/2014 12:00	59.6	37.4	0	3	-8.15	-7.81	103	13	9	-24.3	2nd Reading; No Repair Needed; Good
GRNVLY01	8/27/2014 11:59	59.7	36.8	0	3.5	-9.06	-10.14	105	12	19	-23.48	Slightly Open; No Repair Needed; Good
GRNVLY01	8/27/2014 12:00	60.5	37	0	2.5	-11.17	-11.39	106	21	22	-29.13	2nd Reading; No Repair Needed; Good
GRNVLY01	9/10/2014 12:40	57.1	37.1	0	5.8	-14.67	-15.36	105	19	21	-24.26	Slightly Open; No Repair Needed; Good
GRNVLY01	9/10/2014 12:41	58.7	36.6	0	4.7	-16.65	-16.39	106	23	25	-23.31	2nd Reading; No Repair Needed; Good
GRNVLY01	9/25/2014 11:20	52.1	37.5	0	10.4	-17.92	-17.66	105	24	21	-25.48	No Change; No Repair Needed; Good
GRNVLY01	10/9/2014 12:39	55	37.1	0	7.9	-17.95	-18.64	105	23	33	-25.21	Slightly Open; No Repair Needed; Good
GRNVLY01	10/9/2014 12:40	55.4	37.1	0	7.5	-19.28	-19.33	106	29	27	-24.26	2nd Reading; No Repair Needed; Good
GRNVLY01	10/23/2014 11:56	50.3	37	0	12.7	-20.36		106	27		-25.25	No Change; No Repair Needed; Good
GRNVLY01	11/5/2014 12:33	47.7	35	0	17.3	-20.36	-19.93	105	21	20	-23.48	Slightly Closed; No Repair Needed; Good
GRNVLY01	11/5/2014 12:34	46.8	34.4	0	18.8	-19.24		105	24		-27.62	2nd Reading; No Repair Needed; Good
GRNVLY01	11/19/2014 12:17	53.7	36.1	0	10.2	-8.89		101	10		-11.39	No Change; No Repair Needed; Good
GRNVLY01	12/5/2014 11:47	58.9	35.3	0	5.8	-13.24	-13.63	103	17	22	-18	Slightly Open; No Repair Needed; Good
GRNVLY01	12/5/2014 11:48	61.5	36.2	0	2.3	-14.41		104	21		-17.61	2nd Reading; No Repair Needed; Good
GRNVLY01	12/18/2014 11:42	59.1	36.3	0	4.6	-17.08		103	5		-19.34	No Change; No Repair Needed; Good
GRNVLY01	1/22/2015 12:22	44.6	33.9	0	21.5	-19.63	-18.59	101	16	12	-22.53	Slightly Closed; No Repair Needed; Good

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY01	1/22/2015 12:23	40.7	33.7	0	25.6	-17.17		99	12		-22.1	2nd Reading; No Repair Needed; Good
GRNVLY01	2/3/2015 12:37	44.5	34.6	0	20.9	-14.5	-14.11	98	12	10	-24.86	Slightly Closed; No Repair Needed; Good
GRNVLY01	2/3/2015 12:37	44.4	33.5	0	22.1	-13.59		97	11		-24.9	2nd Reading; No Repair Needed; Good
GRNVLY01	3/3/2015 12:09	59.8	35.6	0	4.6	-6.56	-7.25	92	0	0	-13.81	Slightly Open; No Repair Needed; Good
GRNVLY01	3/3/2015 12:09	60.1	35.6	0	4.3	-7.55		94	0		-13.47	2nd Reading; No Repair Needed; Good
GRNVLY01	3/18/2015 11:38	61.7	35.4	0.2	2.7	-13.24		91	6		-17.26	No Change; No Repair Needed; Good
GRNVLY01	4/2/2015 11:51	59.5	35.1	0.2	5.2	-15.44	-17.13	94	11	12	-20.63	Slightly Open; No Repair Needed; Good
GRNVLY01	4/2/2015 11:52	59.5	35	0.2	5.3	-17.56		96	13		-21.06	2nd Reading; No Repair Needed; Good
GRNVLY01	4/17/2015 13:25	52.4	34.1	0	13.5	-17.17		91	18		-17.57	No Change; No Repair Needed; Good
GRNVLY01	5/5/2015 13:11	47.2	32.7	0.1	20	-23.47	-22.22	92	15	11	-24.6	Slightly Closed; No Repair Needed; Good
GRNVLY01	5/5/2015 13:12	48.1	32.1	0	19.8	-20.36		91	10		-24.9	2nd Reading; No Repair Needed; Good
GRNVLY01	5/20/2015 13:36	50.9	32.7	0.1	16.3	-19.59		91	7		-24.3	No Change; No Repair Needed; Good
GRNVLY01	6/1/2015 13:11	46.7	31.8	0	21.5	-19.33	-18.94	92	10	7	-25.59	Slightly Closed; No Repair Needed; Good
GRNVLY01	6/1/2015 13:12	46.7	31.4	0	21.9	-18.29		92	10		-25.59	2nd Reading; No Repair Needed; Good
GRNVLY01	6/16/2015 13:46	55.3	33.8	0	10.9	-13.11	-13.5	94	8	7	-18.99	Slightly Open; No Repair Needed; Good
GRNVLY01	6/16/2015 13:47	55.4	33.9	0	10.7	-14.15		95	9		-18.95	2nd Reading; No Repair Needed; Good
GRNVLY01	7/2/2015 13:18	53.7	34.2	0	12.1	-13.03		92	0		-12.82	No Change; No Repair Needed; Good
GRNVLY01	7/27/2015 15:01	61.4	35	0	3.6	-21.18		91	9		-25.12	No Change; No Repair Needed; Good
GRNVLY02	7/14/2014 13:00	47.7	33.8	1.1	17.4	-19.13	-16.54	114	34	13	-22.94	Slightly Closed; No Repair Needed; Good
GRNVLY02	7/14/2014 13:01	48.1	33.6	0.9	17.4	-13.74	-13.49	113	10	14	-21.91	2nd Reading; No Repair Needed; Good
GRNVLY02	7/28/2014 12:40	51.6	34.9	1.3	12.2	-9.53	-9.19	116	16	18	-23.48	No Change; No Repair Needed; Good
GRNVLY02	8/12/2014 12:03	49.2	33.5	2	15.3	-8.84	-7.46	118	20	14	-23.78	Slightly Closed; No Repair Needed; Good
GRNVLY02	8/12/2014 12:05	48.9	32.9	2	16.2	-6.38	-6.43	117	11	11	-23.13	2nd Reading; No Repair Needed; Good
GRNVLY02	8/27/2014 12:03	51.5	34.3	1.6	12.6	-3.8	-3.81	118	13	14	-22.66	No Change; No Repair Needed; Good
GRNVLY02	9/10/2014 12:44	53.4	35.4	0.9	10.3	-4	-3.97	117	13	16	-22.92	No Change; No Repair Needed; Good
GRNVLY02	9/25/2014 11:23	51.2	36	1.5	11.3	-4.4	-4.38	117	16	16	-22.19	No Change; No Repair Needed; Good
GRNVLY02	10/9/2014 12:42	51.7	35.3	1.5	11.5	-4.98	-4.95	113	20	20	-24.26	No Change; No Repair Needed; Good
GRNVLY02	10/23/2014 11:59	54.7	35.4	0.7	9.2	-4.17		114	13		-24.04	No Change; No Repair Needed; Good
GRNVLY02	11/5/2014 12:36	55.3	35.4	0.5	8.8	-3.35		112	35		-23.78	No Change; No Repair Needed; Good
GRNVLY02	11/19/2014 12:19	60.3	36.1	0	3.6	-0.13		102	13		-10.75	No Change; No Repair Needed; Good
GRNVLY02	12/5/2014 11:50	60.9	36.4	0	2.7	-1.5	-1.75	100	10	10	-16.23	Slightly Open; No Repair Needed; Good
GRNVLY02	12/5/2014 11:51	60.7	37.8	0	1.5	-2.5		104	11		-17.87	2nd Reading; No Repair Needed; Good
GRNVLY02	12/18/2014 11:45	57.8	36.5	0.1	5.6	-5.48		105	37		-17.57	No Change; No Repair Needed; Good
GRNVLY02	1/22/2015 12:27	56.8	37.9	0	5.3	-8.28	-8.93	103	12	15	-19.38	Slightly Open; No Repair Needed; Good
GRNVLY02	1/22/2015 12:28	56.8	38	0	5.2	-9.62		105	26		-29.31	2nd Reading; No Repair Needed; Good
GRNVLY02	2/3/2015 12:40	51	34.8	0	14.2	-11.65		105	17		-27.67	No Change; No Repair Needed; Good
GRNVLY02	3/3/2015 12:12	62	35.7	0	2.3	-6.17	-6.51	100	37	25	-13.9	Slightly Open; No Repair Needed; Good
GRNVLY02	3/3/2015 12:13	62.5	36.1	0	1.4	-7.2		102	0		-13.77	2nd Reading; No Repair Needed; Good
GRNVLY02	3/18/2015 11:41	61.3	35	0.2	3.5	-11.3		101	16		-16.79	No Change; No Repair Needed; Good
GRNVLY02	4/2/2015 11:55	57.9	35.3	0.2	6.6	-12.68	-14.19	102	10	19	-19.9	Slightly Open; No Repair Needed; Good
GRNVLY02	4/2/2015 11:56	57.4	34.8	0.2	7.6	-15.49		103	19		-19.64	2nd Reading; No Repair Needed; Good
GRNVLY02	4/17/2015 13:27	55.8	33.4	0	10.8	-15.4		103	12		-17.57	No Change; No Repair Needed; Good
GRNVLY02	5/5/2015 13:15	53.5	32.6	0.1	13.8	-19.72		106	18		-24.04	No Change; No Repair Needed; Good
GRNVLY02	5/20/2015 13:38	54.3	32.8	0.1	12.8	-19.24	-19.63	107	19	27	-23.95	Slightly Open; No Repair Needed; Good
GRNVLY02	5/20/2015 13:39	55	34.1	0.1	10.8	-19.93		107	19		-22.53	2nd Reading; No Repair Needed; Good

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY02	6/1/2015 13:14	54.3	33.1	0	12.6	-20.49		106	21		-23.22	No Change; No Repair Needed; Good
GRNVLY02	6/16/2015 13:50	54.1	34.4	0	11.5	-16.09		108	20		-18.73	No Change; No Repair Needed; Good
GRNVLY02	7/2/2015 13:20	55.7	34.4	0	9.9	-14.19		105	14		-16.27	No Change; No Repair Needed; Good
GRNVLY02	7/27/2015 15:03	58.7	35.2	0.1	6	-16.82		107	15		-18.26	No Change; No Repair Needed; Good
GRNVLY03	7/14/2014 11:22	56.6	35.5	0	7.9	-23.44	-23.14	102	12	15	-23.98	No Change; No Repair Needed; Good
GRNVLY03	7/28/2014 10:16	56.2	37.7	0	6.1	-24.16	-24.85	102	15	10	-24.6	No Change; No Repair Needed; Good
GRNVLY03	8/12/2014 9:15	57	36	0	7	-24.94	-24.63	105	19	12	-25.94	No Change; No Repair Needed; Good
GRNVLY03	8/27/2014 8:51	58.9	36.7	0	4.4	-24.85	-25.11	107	13	14	-25.81	No Change; No Repair Needed; Good
GRNVLY03	9/10/2014 10:20	60.8	36.2	0	3	-24.94	-24.85	103	10	12	-26.54	No Change; No Repair Needed; Good
GRNVLY03	9/25/2014 8:48	60.1	36.5	0	3.4	-24.82	-24.56	104	7	7	-25.91	No Change; No Repair Needed; Good
GRNVLY03	10/9/2014 10:12	61.7	35.4	0	2.9	-23.47	-24.07	105	18	16	-24.26	No Change; No Repair Needed; Good
GRNVLY03	10/23/2014 9:02	62	35.8	0	2.2	-23.47		103	12		-24.6	No Change; No Repair Needed; Good
GRNVLY03	11/5/2014 8:56	60.1	36	0	3.9	-24.81		101	13		-25.55	No Change; No Repair Needed; Good
GRNVLY03	11/19/2014 9:58	59.4	36.3	0	4.3	-11.73		91	14		-12.43	No Change; No Repair Needed; Good
GRNVLY03	12/5/2014 9:08	62	35.7	0	2.3	-16.35		95	15		-16.83	No Change; No Repair Needed; Good
GRNVLY03	12/18/2014 9:06	61.7	35.9	0	2.4	-18.81		87	18		-19.34	No Change; No Repair Needed; Good
GRNVLY03	1/8/2015 9:39	59.6	34.9	0.4	5.1	-2.99		59	28		-1.38	No Change; No Repair Needed; Fair
GRNVLY03	1/22/2015 9:04	60.7	36.7	0	2.6	-24.76		96	17		-25.33	No Change; No Repair Needed; Good
GRNVLY03	2/3/2015 9:22	57.6	35.9	0	6.5	-25.84		87	11		-26.63	No Change; No Repair Needed; Good
GRNVLY03	3/3/2015 9:31	61.9	35.5	0	2.6	-16.78		88	18		-17.52	No Change; No Repair Needed; Good
GRNVLY03	3/18/2015 9:07	61.8	35.7	0.3	2.2	-17.43		88	11		-18.26	No Change; No Repair Needed; Good
GRNVLY03	4/2/2015 9:18	61.8	33.5	0.5	4.2	-21.31		96	28		-23.22	No Change; No Repair Needed; Good
GRNVLY03	4/17/2015 11:57	62.1	35.8	0.1	2	-19.97		96	12		-20.41	No Change; No Repair Needed; Good
GRNVLY03	5/5/2015 9:30	62.2	34.3	0	3.5	-23.77		103	24		-25.03	No Change; No Repair Needed; Good
GRNVLY03	5/20/2015 12:00	59.3	34.4	0.3	6	-25.54		102	21		-27.32	No Change; No Repair Needed; Good
GRNVLY03	6/1/2015 11:46	57.9	34.7	0.1	7.3	-24.46		95	19		-25.21	No Change; No Repair Needed; Good
GRNVLY03	6/16/2015 12:10	56.9	36.6	0	6.5	-19.33		105	16		-19.34	No Change; No Repair Needed; Good
GRNVLY03	7/2/2015 10:30	61.6	37.9	0	0.5	-17.52		100	24		-17.78	No Change; No Repair Needed; Good
GRNVLY03	7/27/2015 12:14	60.3	36.1	0.1	3.5	-18.21		100	15		-19.34	No Change; No Repair Needed; Good
GRNVLY04	7/14/2014 13:09	25.8	22.9	4.9	46.4	-9.05	-9.05	118	0	0	-22.94	No Change; No Repair Needed; Fair; 96742; well influence
GRNVLY04	7/28/2014 12:51	24.4	23.1	4.9	47.6	-10.96	-10.91	119	6	5	-23.56	No Change; No Repair Needed; Fair; valve barely cracked; well influence
GRNVLY04	8/12/2014 12:12	25.3	21.9	5.5	47.3	-8.5	-8.5	118	1	1	-23.48	Slightly Closed; No Repair Needed; Fair; 148164; well influence
GRNVLY04	8/12/2014 12:13	25	21.9	5.5	47.6	-7.08	-7.12	115	0	0	-23.61	2nd Reading; No Repair Needed; Fair; valve barely cracked
GRNVLY04	8/27/2014 12:06	1.8	1.9	20	76.3	-4.76	-4.76	104	6	4	-22.01	No Change; No Repair Needed; Fair; valve barely cracked; well influence
GRNVLY04	8/27/2014 12:07	0.3	0.1	20.4	79.2	-4.78	-4.77	106	7	6	-21.41	2nd Reading; No Repair Needed; Fair; 168957; well influence
GRNVLY04	9/10/2014 12:47	1	0.9	20.6	77.5	-5.05	-5.05	91	5	4	-22.05	No Change; No Repair Needed; Fair; 190594; well influence
GRNVLY04	9/10/2014 12:48	0.2	0.1	20.8	78.9	-5.05	-5.35	92	5	5	-21.71	2nd Reading; No Repair Needed; Fair; valve barely cracked; well influence

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY04	9/25/2014 11:26	1.6	10	19.8	68.6	-5	-4.95	92	6	7	-22.24	No Change; No Repair Needed; Fair; 211497; well influence
GRNVLY04	9/25/2014 11:27	0.1	0.4	21.2	78.3	-4.95	-4.95	95	6	3	-22.19	2nd Reading; No Repair Needed; Fair; valve barely cracked; well influence
GRNVLY04	10/9/2014 12:46	0.2	3	21.4	75.4	-5.22	-5.22	64	0	0	-23.48	No Change; No Repair Needed; Fair; 230047; well influence
GRNVLY04	10/9/2014 12:47	0.1	0.6	21.8	77.5	-5.22	-5.22	64	0	0	-23.61	2nd Reading; No Repair Needed; Fair; well influence
GRNVLY04	10/23/2014 12:02	7.7	20.5	17.7	54.1	-5.22	-5.22	72	0	0	-24.51	No Change; No Repair Needed; Fair; 246675
GRNVLY04	10/23/2014 12:03	0	0	17.4	82.6	-5.52		73	2		-24.47	2nd Reading; No Repair Needed; Fair; valve barely cracked; well influence decommission requested
GRNVLY04	11/5/2014 12:39	11.3	19.3	18.1	51.3	-4.55	-4.55	59	0	0	-22.14	No Change; No Repair Needed; Fair; 262789; valve barely cracked
GRNVLY04	11/5/2014 12:40	0.6	4.4	20.6	74.4	-4.57		59	0		-24.95	2nd Reading; No Repair Needed; Fair; well influence; decommission requested
GRNVLY04	11/19/2014 12:22	1.8	10.2	19.1	68.9	-2.72	-2.71	50	0	0	-9.37	No Change; No Repair Needed; Fair; valve barely cracked; well influence
GRNVLY04	11/19/2014 12:23	0.6	1.5	20.5	77.4	-2.64		48	0		-9.32	2nd Reading; No Repair Needed; Fair
GRNVLY04	12/5/2014 11:55	0.5	1.5	20.6	77.4	-4.73	-4.73	50	0	0	-16.57	Slightly Closed; No Repair Needed; Fair; valve completely closed; 295052
GRNVLY04	12/5/2014 11:56	0.8	0.9	20.5	77.8	-4.74	-4.74	49	0	0	-16.57	2nd Reading; No Repair Needed; Fair; valve completely closed; decommission reading
GRNVLY12	7/14/2014 11:36	50.2	36.6	0.1	13.1	-21.46	-21.71	102	34	33	-21.95	No Change; No Repair Needed; Good
GRNVLY12	7/28/2014 10:30	50.2	36.3	0.2	13.3	-23.04	-22.82	103	0	0	-24.51	No Change; No Repair Needed; Good
GRNVLY12	8/12/2014 9:29	49.5	35.1	0	15.4	-24.68	-24.68	105	0	0	-24.9	No Change; No Repair Needed; Good; needs wellhead
GRNVLY12	8/27/2014 9:06	51.2	35.3	0.1	13.4	-24.12	-24.2	106	0	0	-24.17	No Change; No Repair Needed; Good
GRNVLY12	9/10/2014 10:30	50.2	36.3	0	13.5	-24.16	-24.16	105	0	0	-24.6	No Change; No Repair Needed; Good
GRNVLY12	9/25/2014 8:58	47.1	37.7	0.1	15.1	-24.08	-24.08	103	0	0	-24.71	Slightly Closed; No Repair Needed; Good
GRNVLY12	9/25/2014 8:59	46.6	36.1	0.1	17.2	-23.74	-23.4	103	0	0	-23.56	2nd Reading; No Repair Needed; Good
GRNVLY12	10/9/2014 10:23	52.3	36.7	0.2	10.8	-22.09	-22.13	103	0	0	-22.79	No Change; No Repair Needed; Good
GRNVLY12	10/23/2014 9:17	47.9	36.5	0	15.6	-21.92	-21.35	100	0	0	-22.57	Slightly Closed; No Repair Needed; Fair
GRNVLY12	10/23/2014 9:18	47.9	35.7	0.1	16.3	-21.01		100	0		-22.4	2nd Reading; No Repair Needed; Good
GRNVLY12	11/5/2014 9:06	46.6	35.5	0.1	17.8	-23.17	-22.48	99	0	0	-24.38	Slightly Closed; No Repair Needed; Good
GRNVLY12	11/5/2014 9:06	45.7	34.2	0.2	19.9	-21.83		99	0		-25.42	2nd Reading; No Repair Needed; Good
GRNVLY12	11/19/2014 10:07	48.9	35.6	0.3	15.2	-10.31		87	0		-11.44	No Change; No Repair Needed; Good
GRNVLY12	12/5/2014 9:17	57.7	37	0	5.3	-13.72		92	0		-15.54	No Change; No Repair Needed; Good
GRNVLY12	12/18/2014 9:15	56.7	37.9	0.4	5	-17.04		88	0		-19.34	No Change; No Repair Needed; Good
GRNVLY12	1/22/2015 9:19	54.6	37.7	0.3	7.4	-22.48		91	0		-24.86	No Change; No Repair Needed; Good
GRNVLY12	2/3/2015 9:37	58.7	37.7	0.4	3.2	-23.04	-24.07	90	0	0	-25.9	Slightly Open; No Repair Needed; Good
GRNVLY12	2/3/2015 9:38	58.7	37.8	0.4	3.1	-23.81		91	0		-24.9	2nd Reading; No Repair Needed; Good
GRNVLY12	3/3/2015 9:41	53.8	36	0.4	9.8	-16.09		79	0		-16.88	No Change; No Repair Needed; Good
GRNVLY12	3/18/2015 9:19	58.7	36.3	1	4	-16.78		80	0		-17.22	No Change; No Repair Needed; Fair
GRNVLY12	4/2/2015 9:28	50.3	29.9	1.4	18.4	-19.24		88	0		-19.12	No Change; No Repair Needed; Good
GRNVLY12	4/17/2015 12:08	60.2	36.6	0.4	2.8	-19.28		94	0		-19.98	No Change; No Repair Needed; Fair
GRNVLY12	5/5/2015 9:43	54.4	36.4	0.1	9.1	-24.55		95	0		-25.55	No Change; No Repair Needed; Good

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY12	5/20/2015 12:11	54.8	36.9	0.2	8.1	-24.2		96	0		-25.25	No Change; No Repair Needed; Good
GRNVLY12	6/1/2015 11:56	50.4	35.6	0.2	13.8	-22.78		95	0		-23.13	No Change; No Repair Needed; Good
GRNVLY12	6/16/2015 12:19	50.2	34.8	0.1	14.9	-18.29		100	0		-18.86	No Change; No Repair Needed; Good
GRNVLY12	7/2/2015 10:41	55.8	37	0	7.2	-16.44		95	0		-16.66	No Change; No Repair Needed; Good
GRNVLY12	7/27/2015 12:27	57.8	37.7	0.2	4.3	-17.17		95	0		-17.7	No Change; No Repair Needed; Fair
GRNVLY16	7/14/2014 12:08	49.1	34.8	0	16.1	-18.61	-18.31	103	19	22	-18.68	No Change; No Repair Needed; Good
GRNVLY16	7/28/2014 11:01	49.1	35.5	0	15.4	-18.9	-18.55	102	21	25	-18.99	No Change; No Repair Needed; Good
GRNVLY16	8/12/2014 10:12	49	33.8	0	17.2	-18.98	-18.98	103	28	35	-18.69	No Change; No Repair Needed; Good
GRNVLY16	8/27/2014 9:43	51.9	34.3	0	13.8	-18.21	-18.77	104	23	28	-17.87	No Change; No Repair Needed; Good
GRNVLY16	9/10/2014 11:00	52.7	35.7	0.2	11.4	-19.37	-19.37	104	22	28	-19.34	No Change; No Repair Needed; Good
GRNVLY16	9/25/2014 9:27	51.3	36.5	0.2	12	-19.35	-18.66	102	48	44	-19.46	No Change; No Repair Needed; Good
GRNVLY16	10/9/2014 10:54	54.4	36	0.5	9.1	-20.41	-20.62	103	36	29	-20.2	No Change; No Repair Needed; Good
GRNVLY16	10/23/2014 9:49	50.2	35.2	0	14.6	-20.88		101	36		-20.59	No Change; No Repair Needed; Good
GRNVLY16	11/5/2014 10:24	48.6	34.4	0	17	-18.59		100	33		-18.34	No Change; No Repair Needed; Good
GRNVLY16	11/19/2014 10:34	52.6	34.6	0	12.8	-19.54		100	30		-19.42	No Change; No Repair Needed; Good
GRNVLY16	12/5/2014 9:48	56.6	34.9	0	8.5	-15.49		99	37		-15.24	No Change; No Repair Needed; Good
GRNVLY16	12/18/2014 9:44	58.1	35	0	6.9	-16.7		96	10		-16.49	No Change; No Repair Needed; Good
GRNVLY16	1/22/2015 9:57	62.1	37.5	0	0.4	-18.77		93	32		-18.6	No Change; No Repair Needed; Good
GRNVLY16	2/3/2015 10:14	54.7	37.1	0	8.2	-20.97		90	45		-20.8	No Change; No Repair Needed; Good
GRNVLY16	3/3/2015 10:16	56.6	33.1	0	10.3	-14.45		89	28		-14.5	No Change; No Repair Needed; Good
GRNVLY16	3/18/2015 9:54	61	35.2	0.1	3.7	-15.49		89	19		-15.36	No Change; No Repair Needed; Good
GRNVLY16	4/2/2015 9:56	56.5	33.9	0.5	9.1	-15.79		94	32		-15.88	No Change; No Repair Needed; Good
GRNVLY16	4/17/2015 12:36	57	36.1	0.1	6.8	-15.44		95	28		-15.54	No Change; No Repair Needed; Good
GRNVLY16	5/5/2015 10:16	60.6	35	0	4.4	-20.71		97	27		-20.63	No Change; No Repair Needed; Good
GRNVLY16	5/20/2015 12:43	55.6	35	0.2	9.2	-19.59		98	18		-19.34	No Change; No Repair Needed; Good
GRNVLY16	6/1/2015 12:28	52.5	34.4	0.1	13	-21.14		99	37		-20.76	No Change; No Repair Needed; Good
GRNVLY16	6/16/2015 12:55	51.9	34.5	0	13.6	-17.13		101	25		-16.88	No Change; No Repair Needed; Good
GRNVLY16	7/2/2015 11:18	55.8	35.2	0	9	-17.52		98	18		-17.26	No Change; No Repair Needed; Good
GRNVLY16	7/27/2015 13:03	60.1	36.8	0	3.1	-15.44		100	10		-15.24	No Change; No Repair Needed; Good
GRNVLY19	7/14/2014 11:53	49.7	35.3	0	15	-9.31	-8.92	98	25	15	-19.8	Slightly Closed; No Repair Needed; Good
GRNVLY19	7/14/2014 11:54	49.8	34.8	0	15.4	-8.44	-8.62	98	18	18	-17.39	2nd Reading; No Repair Needed; Good
GRNVLY19	7/28/2014 10:45	48.2	35.3	0	16.5	-8.24	-7.16	98	20	13	-18.13	Slightly Closed; No Repair Needed; Good
GRNVLY19	7/28/2014 10:46	48.3	35.1	0	16.6	-6.47	-6.47	97	7	11	-19.55	2nd Reading; No Repair Needed; Good
GRNVLY19	8/12/2014 9:47	58	36.2	0	5.8	-4.85	-5.87	98	18	18	-17.87	Slightly Open; No Repair Needed; Good
GRNVLY19	8/12/2014 9:48	57.9	36.8	0	5.3	-6.56	-6.51	98	18	18	-17.31	2nd Reading; No Repair Needed; Good
GRNVLY19	8/27/2014 9:26	57	35.9	0	7.1	-6.6	-7.2	98	14	19	-17.39	Slightly Open; No Repair Needed; Good
GRNVLY19	8/27/2014 9:27	57.9	36.2	0	5.9	-7.89	-7.89	99	25	21	-16.88	2nd Reading; No Repair Needed; Good
GRNVLY19	9/10/2014 10:45	52	36.3	0	11.7	-8.84	-8.67	99	17	15	-19.98	No Change; No Repair Needed; Good
GRNVLY19	9/25/2014 9:12	50	36.9	0	13.1	-8.57	-8.57	97	19	19	-19.46	No Change; No Repair Needed; Good
GRNVLY19	10/9/2014 10:37	53.9	36.3	0	9.8	-8.89	-8.89	97	19	19	-20.85	No Change; No Repair Needed; Good
GRNVLY19	10/23/2014 9:31	48.9	36	0	15.1	-9.97		96	21		-20.37	No Change; No Repair Needed; Good
GRNVLY19	11/5/2014 9:22	49.8	35.3	0	14.9	-8.63		95	18		-16.23	No Change; No Repair Needed; Good
GRNVLY19	11/19/2014 10:21	52.5	35.5	0	12	-4.99		92	15		-10.4	No Change; No Repair Needed; Good
GRNVLY19	12/5/2014 9:33	57.8	35.1	0	7.1	-7.16		93	16		-15.02	No Change; No Repair Needed; Good
GRNVLY19	12/18/2014 9:28	60.8	36.8	0	2.4	-7.94	-8.58	92	17	21	-15.36	Slightly Open; No Repair Needed; Good

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY19	12/18/2014 9:29	61	37.1	0	1.9	-9.28		93	19		-16.1	2nd Reading; No Repair Needed; Good
GRNVLY19	1/22/2015 9:38	56.8	36.4	0	6.8	-11.6	-11.95	93	19	21	-19.29	Slightly Open; No Repair Needed; Good
GRNVLY19	1/22/2015 9:39	57.2	37.2	0	5.6	-12.21		94	28		-18.56	2nd Reading; No Repair Needed; Good
GRNVLY19	2/3/2015 9:59	51.7	35.6	0	12.7	-14.88		92	23		-21.06	No Change; No Repair Needed; Good
GRNVLY19	3/3/2015 9:55	55.9	35.2	0	8.9	-9.23	-9.88	91	16	20	-13.47	Slightly Open; No Repair Needed; Good
GRNVLY19	3/3/2015 9:56	56.2	35.7	0	8.1	-10.57		91	25		-15.11	2nd Reading; No Repair Needed; Good
GRNVLY19	3/18/2015 9:37	61	35.7	0.3	3	-11.69		89	12		-14.89	No Change; No Repair Needed; Good
GRNVLY19	4/2/2015 9:42	51.1	33.7	0.3	14.9	-12.34		95	19		-17.35	No Change; No Repair Needed; Good
GRNVLY19	4/17/2015 12:20	57.5	34.5	0	8	-11.65		95	27		-15.19	No Change; No Repair Needed; Good
GRNVLY19	5/5/2015 10:00	50.8	32.4	0	16.8	-15.14		97	28		-20.11	No Change; No Repair Needed; Good
GRNVLY19	5/20/2015 12:25	44.6	32.3	0.1	23	-13.76	-13.03	97	19	21	-18.77	Slightly Closed; No Repair Needed; Good
GRNVLY19	5/20/2015 12:26	44.6	31.9	0	23.5	-12.68		97	17		-19.34	2nd Reading; No Repair Needed; Good
GRNVLY19	6/1/2015 12:11	44.1	33	0	22.9	-13.07	-12.38	96	33	23	-20.93	Slightly Closed; No Repair Needed; Good
GRNVLY19	6/1/2015 12:12	43.6	31.7	0	24.7	-11.69		96	20		-20.8	2nd Reading; No Repair Needed; Good
GRNVLY19	6/16/2015 12:36	47.4	33.9	0	18.7	-9.32	-8.97	98	19	17	-16.79	Slightly Closed; No Repair Needed; Good
GRNVLY19	6/16/2015 12:37	47.2	32.9	0	19.9	-8.33		98	18		-17.22	2nd Reading; No Repair Needed; Good
GRNVLY19	7/2/2015 11:00	50.7	35	0	14.3	-8.58		95	16		-16.27	No Change; No Repair Needed; Good
GRNVLY19	7/27/2015 12:44	55.8	36.7	0	7.5	-8.58	-9.23	97	13	16	-15.19	Slightly Open; No Repair Needed; Good
GRNVLY19	7/27/2015 12:45	56.9	36	0	7.1	-9.92		97	23		-15.62	2nd Reading; No Repair Needed; Good
GRNVLY20	7/14/2014 11:56	50.8	35.1	0	14.1	-4.44	-4.36	109	51	57	-20.53	No Change; No Repair Needed; Good
GRNVLY20	7/28/2014 10:48	50.7	35.6	0	13.7	-4.64	-4.54	109	56	52	-19.34	No Change; No Repair Needed; Good
GRNVLY20	8/12/2014 9:51	55.9	36.3	0	7.8	-3.18	-3.14	110	55	58	-18.34	Slightly Open; No Repair Needed; Good
GRNVLY20	8/12/2014 9:52	55.8	36.6	0	7.6	-3.34	-3.17	110	59	61	-18.6	2nd Reading; No Repair Needed; Good
GRNVLY20	8/27/2014 9:29	56.2	36.2	0	7.6	-3.92	-4.07	110	45	59	-18.73	Slightly Open; No Repair Needed; Good
GRNVLY20	8/27/2014 9:30	56	36.6	0	7.4	-4.03	-4.08	110	64	61	-19.64	2nd Reading; No Repair Needed; Good
GRNVLY20	9/10/2014 10:47	51.4	36.1	0	12.5	-4.68	-4.92	110	66	71	-18.52	No Change; No Repair Needed; Good
GRNVLY20	9/25/2014 9:14	49.6	36.8	0	13.6	-4.87	-4.82	109	66	61	-20.15	No Change; No Repair Needed; Good
GRNVLY20	10/9/2014 10:40	54.4	36	0	9.6	-4.92	-5.39	110	64	64	-20.98	Slightly Open; No Repair Needed; Good
GRNVLY20	10/9/2014 10:40	54.2	36	0	9.8	-5.18	-5.44	110	66	66	-21.32	2nd Reading; No Repair Needed; Good
GRNVLY20	10/23/2014 9:33	46.8	35.4	0	17.8	-5.87	-5.48	109	57	46	-20.8	Slightly Closed; No Repair Needed; Good
GRNVLY20	10/23/2014 9:34	46.5	35.4	0	18.1	-5.18		109	42		-20.8	2nd Reading; No Repair Needed; Good
GRNVLY20	11/5/2014 10:10	49.2	33.1	0	17.7	-3.69		108	44		-18.56	No Change; No Repair Needed; Good
GRNVLY20	11/19/2014 10:23	52.2	35.3	0	12.5	-1.33		106	46		-10.36	No Change; No Repair Needed; Good
GRNVLY20	12/5/2014 9:36	55.6	35.8	0	8.6	-2.59		108	37		-16.14	No Change; No Repair Needed; Good
GRNVLY20	12/18/2014 9:31	56.1	34.5	0	9.4	-3.77		107	54		-16.44	No Change; No Repair Needed; Good
GRNVLY20	1/22/2015 9:41	55	37.2	0	7.8	-6.13	-6.47	107	53	57	-19.34	Slightly Open; No Repair Needed; Good
GRNVLY20	1/22/2015 9:42	54.8	37.4	0	7.8	-6.17		108	55		-19.16	2nd Reading; No Repair Needed; Good
GRNVLY20	2/3/2015 10:01	47.3	35.6	0	17.1	-9.92	-9.58	107	51	49	-22.01	Slightly Closed; No Repair Needed; Good
GRNVLY20	2/3/2015 10:02	46.6	35.7	0	17.7	-9.58		107	42		-19.46	2nd Reading; No Repair Needed; Good
GRNVLY20	3/3/2015 9:59	52.6	35	0	12.4	-3.76		106	41		-14.67	No Change; No Repair Needed; Good
GRNVLY20	3/18/2015 9:44	60.2	36.1	0.1	3.6	-6.51		105	32		-15.93	No Change; No Repair Needed; Good
GRNVLY20	4/2/2015 9:45	52.2	33.5	0.1	14.2	-5.78		107	43		-17.74	No Change; No Repair Needed; Good
GRNVLY20	4/17/2015 12:22	55.5	35.2	0	9.3	-5.78		107	41		-15.93	No Change; No Repair Needed; Good
GRNVLY20	5/5/2015 10:03	53.3	33.2	0	13.5	-8.28		109	41		-20.76	No Change; No Repair Needed; Good
GRNVLY20	5/20/2015 12:28	52.4	33.2	0	14.4	-7.16		109	40		-18.56	No Change; No Repair Needed; Good

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY20	6/1/2015 12:14	52.8	32.5	0	14.7	-6.95		108	44		-22.4	No Change; No Repair Needed; Good
GRNVLY20	6/16/2015 12:40	55.4	35.2	0	9.4	-4.66	-4.92	109	28	41	-17.26	Slightly Open; No Repair Needed; Good
GRNVLY20	6/16/2015 12:41	55.6	35.9	0	8.5	-5.18		109	50		-16.75	2nd Reading; No Repair Needed; Good
GRNVLY20	7/2/2015 11:03	57.5	35.8	0	6.7	-5.82	-6.13	108	36	41	-16.92	Slightly Open; No Repair Needed; Good
GRNVLY20	7/2/2015 11:04	57.7	36.7	0	5.6	-6.17		108	41		-16.7	2nd Reading; No Repair Needed; Good
GRNVLY20	7/27/2015 12:47	55.8	35.9	0	8.3	-6.9	-7.38	109	44	55	-19.12	Slightly Open; No Repair Needed; Good
GRNVLY20	7/27/2015 12:48	56.4	36.7	0	6.9	-7.55		109	55		-20.33	2nd Reading; No Repair Needed; Good
GRNVLY21	7/14/2014 11:59	53.3	36.1	0	10.6	-17.92	-18.27	102	37	38	-18.38	No Change; No Repair Needed; Good; 66
GRNVLY21	7/28/2014 10:52	50.7	36.4	0.1	12.8	-17.17	-17.52	102	35	31	-17.65	No Change; No Repair Needed; Good; 66
GRNVLY21	8/12/2014 9:56	52.3	35.4	0	12.3	-16.57	-16.26	102	31	35	-16.57	No Change; No Repair Needed; Good; 66
GRNVLY21	8/27/2014 9:33	55.4	36.1	0	8.5	-16.48	-16.82	102	38	34	-16.79	No Change; No Repair Needed; Good; 66
GRNVLY21	9/10/2014 10:51	50.9	35.8	0	13.3	-17.26	-17.26	102	30	29	-17.48	No Change; No Repair Needed; Good; 66
GRNVLY21	9/25/2014 9:18	49.2	37.5	0	13.3	-17.62	-17.54	101	21	20	-18.48	No Change; No Repair Needed; Good; 68
GRNVLY21	10/9/2014 10:43	53.8	36	0	10.2	-19.28	-19.24	102	35	37	-19.81	No Change; No Repair Needed; Good; 68
GRNVLY21	10/23/2014 9:37	48	35.4	0	16.6	-19.63		101	42		-20.11	No Change; No Repair Needed; Good
GRNVLY21	11/5/2014 10:13	48	35	0	17	-17.64		101	37		-18.34	No Change; No Repair Needed; Good; 68
GRNVLY21	11/19/2014 10:26	51	35.4	0	13.6	-13.81		100	33		-14.11	No Change; No Repair Needed; Good; 68
GRNVLY21	12/5/2014 9:39	57.6	31.1	0.2	11.1	-14.5		101	35		-15.24	No Change; No Repair Needed; Good; 70
GRNVLY21	12/18/2014 9:34	57.7	35.9	0	6.4	-15.83		101	38		-16.27	No Change; No Repair Needed; Good; 70
GRNVLY21	1/22/2015 9:45	57.5	32.6	0.2	9.7	-17.52		100	30		-18.13	No Change; No Repair Needed; Good; 70
GRNVLY21	2/3/2015 10:05	57.7	36.6	0.1	5.6	-20.02		98	26		-20.72	No Change; No Repair Needed; Good; 70
GRNVLY21	3/3/2015 10:02	56.6	34.8	0.2	8.4	-14.15		99	28		-14.42	No Change; No Repair Needed; Good; 70
GRNVLY21	3/18/2015 9:46	61.2	36.3	0.4	2.1	-14.93		99	23		-15.15	No Change; No Repair Needed; Good; 70
GRNVLY21	4/2/2015 9:47	57.6	34.3	0.4	7.7	-16.82		100	38		-17.22	No Change; No Repair Needed; Good; 96
GRNVLY21	4/17/2015 12:25	61.4	36.7	0.1	1.8	-15.7		101	38		-16.06	No Change; No Repair Needed; Good; 96
GRNVLY21	5/5/2015 10:06	61.2	35.6	0	3.2	-19.63		101	20		-19.94	No Change; No Repair Needed; Good; 96
GRNVLY21	5/20/2015 12:32	59.8	36	0.2	4	-18.55		101	23		-18.99	No Change; No Repair Needed; Good; 96
GRNVLY21	6/1/2015 12:17	60.5	35.5	0.1	3.9	-20.66		101	16		-20.93	No Change; No Repair Needed; Good; 96
GRNVLY21	6/16/2015 12:45	59.6	36.8	0	3.6	-15.88		102	21		-16.18	No Change; No Repair Needed; Good; 363
GRNVLY21	7/2/2015 11:08	61.8	37.7	0	0.5	-15.66		100	26		-15.88	No Change; No Repair Needed; Good; 691
GRNVLY21	7/27/2015 12:53	60.8	37	0	2.2	-18.55		102	17		-18.99	No Change; No Repair Needed; Good; 713
GRNVLY22	7/14/2014 12:01	51.9	36.1	0	12	-17.28	-17.23	85	37	30	-19.5	No Change; No Repair Needed; Good
GRNVLY22	7/28/2014 10:55	50.1	35.9	0	14	-17.17	-17.17	85	34	32	-18.34	No Change; No Repair Needed; Good
GRNVLY22	8/12/2014 10:04	49.9	34.7	0	15.4	-16.57	-16.57	85	30	28	-18	No Change; No Repair Needed; Good
GRNVLY22	8/27/2014 9:37	53.4	35.1	0	11.5	-16.48	-16.48	85	30	29	-17.52	No Change; No Repair Needed; Good
GRNVLY22	9/10/2014 10:54	51.4	35.3	0	13.3	-17.26	-17.3	85	29	34	-18	No Change; No Repair Needed; Good
GRNVLY22	9/25/2014 9:21	49.5	37	0	13.5	-17.49	-17.28	84	36	36	-19.12	No Change; No Repair Needed; Good
GRNVLY22	10/9/2014 10:46	53.7	35.8	0	10.5	-18.9	-18.9	84	36	31	-20.8	No Change; No Repair Needed; Good
GRNVLY22	10/23/2014 9:41	47.8	35.3	0	16.9	-18.94	-18.51	83	32	25	-20.5	Slightly Closed; No Repair Needed; Good
GRNVLY22	10/23/2014 9:41	48.7	35.3	0	16	-17.9		83	21		-20.67	2nd Reading; No Repair Needed; Good
GRNVLY22	11/5/2014 10:16	47.1	34.5	0	18.4	-15.27	-14.8	82	29	11	-18.73	Slightly Closed; No Repair Needed; Good
GRNVLY22	11/5/2014 10:17	47.7	34.3	0	18	-14.11		81	22		-18.99	2nd Reading; No Repair Needed; Good
GRNVLY22	11/19/2014 10:29	51.3	35.2	0	13.5	-7.94		80	24		-17.26	No Change; No Repair Needed; Good
GRNVLY22	12/5/2014 9:42	57.6	35.5	0	6.9	-8.58		80	22		-16.06	No Change; No Repair Needed; Good
GRNVLY22	12/18/2014 9:38	58	34.4	0	7.6	-9.97	-10.35	79	18	27	-16.57	Slightly Open; No Repair Needed; Good

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY22	12/18/2014 9:39	58.4	36.1	0	5.5	-10.66		80	26		-16.44	2nd Reading; No Repair Needed; Good
GRNVLY22	1/22/2015 9:48	62.1	37.6	0	0.3	-14.15	-15.1	79	23	31	-18.64	Slightly Open; No Repair Needed; Good
GRNVLY22	1/22/2015 9:50	62.1	37.7	0	0.2	-15.44		80	33		-18.52	2nd Reading; No Repair Needed; Good
GRNVLY22	2/3/2015 10:07	57.6	37.9	0	4.5	-19.11		78	21		-20.67	No Change; No Repair Needed; Good
GRNVLY22	3/3/2015 10:06	57.1	35	0.2	7.7	-12.64		79	24		-14.5	No Change; No Repair Needed; Good
GRNVLY22	3/18/2015 9:49	62.6	36.5	0.3	0.6	-14.8		80	18		-15.84	No Change; No Repair Needed; Good
GRNVLY22	4/2/2015 9:50	60.6	35.1	0.3	4	-16.09		81	23		-16.96	No Change; No Repair Needed; Good
GRNVLY22	4/17/2015 12:28	62.7	36.9	0	0.4	-15.1		83	26		-15.84	No Change; No Repair Needed; Good
GRNVLY22	5/5/2015 10:08	62.1	35.8	0	2.1	-20.32		83	27		-20.67	No Change; No Repair Needed; Good
GRNVLY22	5/20/2015 12:34	58.8	36.3	0.2	4.7	-19.24		83	20		-19.34	No Change; No Repair Needed; Good
GRNVLY22	6/1/2015 12:20	57.7	36.3	0	6	-20.79		83	27		-21.19	No Change; No Repair Needed; Good
GRNVLY22	6/16/2015 12:48	56	36.4	0	7.6	-16.22		87	23		-16.57	No Change; No Repair Needed; Good
GRNVLY22	7/2/2015 11:10	56.6	36.4	0	7	-15.66		82	14		-16.18	No Change; No Repair Needed; Good
GRNVLY22	7/27/2015 12:57	61.1	37.4	0	1.5	-15.75		85	20		-15.58	No Change; No Repair Needed; Good
GRNVLY23	7/14/2014 12:04	47	34.7	0.1	18.2	-9.65	-6.98	88	29	19	-18.55	Slightly Closed; No Repair Needed; Good; 204
GRNVLY23	7/14/2014 12:06	47	34.5	0.3	18.2	-6.55	-6.29	88	14	14	-19.24	2nd Reading; No Repair Needed; Good
GRNVLY23	7/28/2014 10:58	50.1	35.4	0.2	14.3	-6.13	-6.13	87	15	17	-18.99	No Change; No Repair Needed; Good; 204
GRNVLY23	8/12/2014 10:07	48.1	33.5	0.1	18.3	-5.52	-4.85	88	21	17	-18.34	Slightly Closed; No Repair Needed; Good; 204
GRNVLY23	8/12/2014 10:08	48.5	33.9	0.1	17.5	-4.69	-4.71	88	18	15	-16.92	2nd Reading; No Repair Needed; Good
GRNVLY23	8/27/2014 9:40	52.1	34.3	0.2	13.4	-4.43	-4.39	87	18	16	-17.22	No Change; No Repair Needed; Good; 204
GRNVLY23	9/10/2014 10:57	53.8	35.6	0.1	10.5	-4.8	-4.8	88	18	10	-18.26	No Change; No Repair Needed; Good; 204
GRNVLY23	9/25/2014 9:24	52	36.3	0.2	11.5	-4.82	-4.82	85	31	31	-17.84	No Change; No Repair Needed; Good; 204
GRNVLY23	10/9/2014 10:50	56.2	35.8	0.2	7.8	-4.97	-5.44	86	18	17	-20.67	Slightly Open; No Repair Needed; Good; 204
GRNVLY23	10/9/2014 10:51	56.4	36	0.1	7.5	-5.78	-5.78	86	18	17	-20.54	2nd Reading; No Repair Needed; Good
GRNVLY23	10/23/2014 9:45	47.5	35.3	0.1	17.1	-6.56	-6.21	85	14	17	-20.67	Slightly Closed; No Repair Needed; Good; 204
GRNVLY23	10/23/2014 9:46	47.5	35.2	0.3	17	-5.82		84	17		-21.15	2nd Reading; No Repair Needed; Good
GRNVLY23	11/5/2014 10:20	48.1	34.3	0.2	17.4	-4.62		83	20		-19.21	No Change; No Repair Needed; Good; 204
GRNVLY23	11/19/2014 10:31	49.8	34.6	0	15.6	-2.63		81	14		-20.5	No Change; No Repair Needed; Good; 204
GRNVLY23	12/5/2014 9:44	57.8	35.5	0.4	6.3	-3.28		78	10		-15.49	No Change; No Repair Needed; Good; 204
GRNVLY23	12/18/2014 9:41	57.8	36.2	0.5	5.5	-4.84		78	22		-16.57	No Change; No Repair Needed; Good; 204
GRNVLY23	1/22/2015 9:53	57.2	34.5	0.9	7.4	-10.27		74	12		-18.82	No Change; No Repair Needed; Good; 204
GRNVLY23	2/3/2015 10:10	53.8	37.7	0.8	7.7	-13.89		76	11		-20.11	No Change; No Repair Needed; Good; 204
GRNVLY23	3/3/2015 10:09	58.7	35.5	0.4	5.4	-8.15	-9.84	76	28	22	-14.59	Slightly Open; No Repair Needed; Good; 204
GRNVLY23	3/3/2015 10:11	58.7	36.1	0.3	4.9	-10.22		78	19		-14.85	2nd Reading; No Repair Needed; Good
GRNVLY23	3/18/2015 9:51	59.2	35.8	0.8	4.2	-12.04		78	11		-15.8	No Change; No Repair Needed; Good; 204
GRNVLY23	4/2/2015 9:53	58.9	35.1	0.7	5.3	-13.24	-15.06	82	31	27	-18.47	Slightly Open; No Repair Needed; Good; 204
GRNVLY23	4/2/2015 9:54	57.6	34.7	0.9	6.8	-15.31		82	29		-17.18	2nd Reading; No Repair Needed; Good
GRNVLY23	4/17/2015 12:31	59	36.6	0.4	4	-15.4		83	31		-16.01	No Change; No Repair Needed; Good; 204
GRNVLY23	5/5/2015 10:12	59.8	35.7	0.4	4.1	-19.93		86	25		-20.37	No Change; No Repair Needed; Good; 204
GRNVLY23	5/20/2015 12:40	54.2	34.7	0.4	10.7	-18.94		85	28		-18.99	No Change; No Repair Needed; Good; 204
GRNVLY23	6/1/2015 12:23	50.2	34.5	0.3	15	-20.32		85	25		-21.58	No Change; No Repair Needed; Good; 204
GRNVLY23	6/16/2015 12:52	49.3	34.9	0.2	15.6	-15.53		90	16		-16.53	No Change; No Repair Needed; Good; 204
GRNVLY23	7/2/2015 11:14	52.9	35.6	0.2	11.3	-15.1		85	19		-16.1	No Change; No Repair Needed; Good; 204
GRNVLY23	7/27/2015 13:00	60.8	37.2	0.1	1.9	-15.1		87	13		-15.93	No Change; No Repair Needed; Good; 217
GRNVLY24	7/14/2014 11:24	39.1	31.1	2.1	27.7	-5.51	-4.76	96	13	5	-25.31	Slightly Closed; No Repair Needed; Fair

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY24	7/14/2014 11:26	39.7	30.1	1.9	28.3	-4.27	-4.27	94	2	3	-25.01	2nd Reading; No Repair Needed; Fair
GRNVLY24	7/28/2014 10:18	51.6	34.5	0	13.9	-2.75	-2.75	81	4	3	-25.25	No Change; No Repair Needed; Good
GRNVLY24	8/12/2014 9:18	52.4	32.7	0.2	14.7	-2.62	-2.62	91	6	5	-25.55	No Change; No Repair Needed; Good
GRNVLY24	8/27/2014 8:54	50.5	31.4	1.4	16.7	-2.87	-2.86	86	8	7	-24.9	No Change; No Repair Needed; Good
GRNVLY24	9/10/2014 10:22	52.2	32.6	0.9	14.3	-3.04	-3.03	89	7	6	-26.67	No Change; No Repair Needed; Good
GRNVLY24	9/25/2014 8:50	51.7	33.8	1.1	13.4	-3.24	-3.22	72	6	5	-26.63	No Change; No Repair Needed; Good
GRNVLY24	10/9/2014 10:14	51.1	31	2.5	15.4	-2.65	-2.64	75	12	10	-24.64	No Change; No Repair Needed; Good
GRNVLY24	10/23/2014 9:04	52.2	33.7	1.8	12.3	-3.06		59	6		-25.46	No Change; No Repair Needed; Good
GRNVLY24	11/5/2014 8:58	51.5	33.8	0.9	13.8	-3.45		56	13		-25.59	No Change; No Repair Needed; Good
GRNVLY24	11/19/2014 10:00	56.5	35.8	0.4	7.3	-0.5		51	0		-13.81	No Change; No Repair Needed; Good
GRNVLY24	12/5/2014 9:09	57.6	36.4	1.3	4.7	-1.11		49	7		-16.66	No Change; No Repair Needed; Good
GRNVLY24	12/18/2014 9:08	57.1	32.6	0.8	9.5	-2.21		44	19		-19.46	No Change; No Repair Needed; Good
GRNVLY24	1/22/2015 9:06	43.4	28.9	4.5	23.2	-4.34	-4.32	46	7	5	-24.86	Slightly Closed; No Repair Needed; Fair
GRNVLY24	1/22/2015 9:09	45.2	29.3	4.9	20.6	-4.63		59	7		-24.86	2nd Reading; No Repair Needed; Fair
GRNVLY24	2/3/2015 9:24	0.8	9.1	20.7	69.4	-4.61	-4.6	37	0	0	-25.55	Slightly Closed; No Repair Needed; Fair
GRNVLY24	2/3/2015 9:28	41.7	28.4	4.9	25	-5.44		65	4		-26.59	2nd Reading; No Repair Needed; Fair; well influence
GRNVLY24	3/3/2015 9:33	51.3	32.8	1.7	14.2	-0.57		48	2		-17.52	No Change; No Repair Needed; Good
GRNVLY24	3/18/2015 9:09	52.8	31.5	1.3	14.4	-2.36		49	0		-17.44	No Change; No Repair Needed; Fair
GRNVLY24	4/2/2015 9:20	51.6	27.4	3	18	-1.92		71	2		-21.23	No Change; No Repair Needed; Good
GRNVLY24	4/17/2015 11:59	50.1	28.7	1.7	19.5	-2.67		85	7		-20.46	No Change; No Repair Needed; Good
GRNVLY24	5/5/2015 9:33	55	30.9	0.4	13.7	-4.22		84	9		-25.21	No Change; No Repair Needed; Good
GRNVLY24	5/20/2015 12:02	47.9	32.5	0.6	19	-3.79		82	2		-25.38	No Change; No Repair Needed; Fair; valve barely cracked; well influence
GRNVLY24	6/1/2015 11:48	42.5	31.1	0.6	25.8	-3.74		79	8		-24.86	No Change; No Repair Needed; Good; valve barely cracked; well influence
GRNVLY24	6/16/2015 12:11	49.6	34.4	0.2	15.8	-2.44		94	4		-19.34	No Change; No Repair Needed; Good
GRNVLY24	7/2/2015 10:32	57.4	35.8	0.3	6.5	-2.83	-2.9	80	5	5	-18	Slightly Open; No Repair Needed; Good
GRNVLY24	7/2/2015 10:33	57.7	35.8	0.2	6.3	-2.95		81	7		-18.34	2nd Reading; No Repair Needed; Good
GRNVLY24	7/27/2015 12:17	58.6	36.8	0.7	3.9	-3.99	-4.22	88	9	10	-19.34	Slightly Open; No Repair Needed; Good
GRNVLY24	7/27/2015 12:18	58.7	36.3	0.6	4.4	-4.36		89	13		-18.69	2nd Reading; No Repair Needed; Good
GRNVLY25	7/14/2014 12:54	49.7	36.8	0	13.5	-9.65	-9.65	108	9	6	-25.66	No Change; No Repair Needed; Good; 179142
GRNVLY25	7/28/2014 12:31	47.3	36.2	0.1	16.4	-9.23	-8.15	107	13	1	-25.94	Slightly Closed; No Repair Needed; Good; 181634
GRNVLY25	7/28/2014 12:32	47.9	36	0.1	16	-6.47	-6.47	105	10	8	-24.56	2nd Reading; No Repair Needed; Good
GRNVLY25	8/12/2014 11:56	54.7	37.8	0.1	7.4	-4.13	-4.39	106	6	8	-25.21	Slightly Open; No Repair Needed; Good; 184002
GRNVLY25	8/12/2014 11:56	55	37.4	0.1	7.5	-4.77	-4.76	107	7	10	-25.55	2nd Reading; No Repair Needed; Good
GRNVLY25	8/27/2014 11:54	53.7	36.8	0.1	9.4	-5.31	-5.31	109	7	6	-23.48	No Change; No Repair Needed; Good
GRNVLY25	9/10/2014 12:36	55.8	37.6	0.1	6.5	-5.09	-5.61	107	8	4	-25.59	Slightly Open; No Repair Needed; Good; 188391
GRNVLY25	9/10/2014 12:37	55.8	37.6	0.1	6.5	-6.08	-6.08	108	10	8	-25.25	2nd Reading; No Repair Needed; Good
GRNVLY25	9/25/2014 11:18	52.5	37.8	0.1	9.6	-6.89	-6.89	107	13	13	-24.58	No Change; No Repair Needed; Good; 190706
GRNVLY25	10/9/2014 12:36	54.4	38.1	0	7.5	-7.59	-7.59	103	5	5	-25.16	No Change; No Repair Needed; Good; 192854
GRNVLY25	10/23/2014 11:51	54	37.7	0.1	8.2	-6.95	-7.59	104	10	6	-25.59	Slightly Open; No Repair Needed; Good; 194725
GRNVLY25	10/23/2014 11:52	53.8	37.7	0.1	8.4	-8.28		106	5		-24.17	2nd Reading; No Repair Needed; Good
GRNVLY25	11/5/2014 12:30	49.3	35.7	0.1	14.9	-9.53		105	9		-25.9	No Change; No Repair Needed; Good; 196529
GRNVLY25	11/19/2014 12:14	52.7	36.7	0.1	10.5	-4.13		96	0		-10.06	No Change; No Repair Needed; Good; 198384
GRNVLY25	12/5/2014 11:44	57.5	35.8	0.1	6.6	-7.2		102	10		-17.65	No Change; No Repair Needed; Good; 200030

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY25	12/18/2014 11:40	56.5	36.1	0.1	7.3	-8.24		103	40		-19.38	No Change; No Repair Needed; Good; 201803
GRNVLY25	1/22/2015 12:19	49.6	34.6	0.1	15.7	-10.7		101	0		-23.91	No Change; No Repair Needed; Good; 204096
GRNVLY25	2/3/2015 12:34	49.4	34.4	0.1	16.1	-11.35		100	8		-26.28	No Change; No Repair Needed; Good; 205063
GRNVLY25	3/3/2015 12:06	57.4	37.3	0	5.3	-5.87		98	0		-14.29	No Change; No Repair Needed; Good; 207850
GRNVLY25	3/18/2015 11:35	60	35.2	0.4	4.4	-8.58		98	13		-17.31	No Change; No Repair Needed; Good; 209424
GRNVLY25	4/2/2015 11:48	52.8	34.4	0.5	12.3	-9.66		105	11		-21.8	No Change; No Repair Needed; Good; 214457
GRNVLY25	4/17/2015 13:23	53.5	34.3	0.6	11.6	-9.23		105	12		-18.95	No Change; No Repair Needed; Good; 218863
GRNVLY25	5/5/2015 13:09	52.8	34.9	0.3	12	-11.39		109	11		-26.37	No Change; No Repair Needed; Good; 225338
GRNVLY25	5/20/2015 13:33	52.9	35	0.1	12	-10.96		108	9		-25.94	No Change; No Repair Needed; Good; 229204
GRNVLY25	6/1/2015 13:08	51.2	35.1	0.3	13.4	-10.7		107	12		-25.9	No Change; No Repair Needed; Good; 232505
GRNVLY25	6/16/2015 13:43	52	35.8	0	12.2	-8.67		109	12		-19.29	No Change; No Repair Needed; Good; 236186
GRNVLY25	7/2/2015 13:13	56.1	37.4	0.1	6.4	-7.85	-8.54	105	8	12	-16.62	Slightly Open; No Repair Needed; Good
GRNVLY25	7/2/2015 13:15	56.1	37.5	0.1	6.3	-9.32		106	10		-17.22	2nd Reading; No Repair Needed; Good
GRNVLY25	7/27/2015 14:52	55	37.2	0.2	7.6	-10.61	-11.65	110	7	18	-16.96	Slightly Open; No Repair Needed; Good; 242506
GRNVLY25	7/27/2015 14:53	55.4	36.8	0.1	7.7	-13.03		110	17		-20.16	2nd Reading; No Repair Needed; Good
GRNVLY28	7/14/2014 11:33	53.3	37.8	0.1	8.8	-18.57	-18.57	108	37	31	-23.33	No Change; No Repair Needed; Good; 63126
GRNVLY28	7/28/2014 10:27	48.6	36.8	0.1	14.5	-19.28	-19.28	108	35	36	-23.82	No Change; No Repair Needed; Good; 63153
GRNVLY28	8/12/2014 9:26	48.2	35.6	0	16.2	-19.67	-19.67	109	36	38	-24.73	No Change; No Repair Needed; Good; 66138
GRNVLY28	8/27/2014 9:04	50.2	36.3	0	13.5	-18.55	-18.55	110	33	35	-23.74	No Change; No Repair Needed; Good; 68777
GRNVLY28	9/10/2014 10:28	52.3	36.9	0	10.8	-18.64	-18.68	109	30	34	-25.21	No Change; No Repair Needed; Good; 71226
GRNVLY28	9/25/2014 8:55	51.7	38.7	0	9.6	-18.14	-18.22	108	29	28	-23.6	No Change; No Repair Needed; Good; 73719
GRNVLY28	10/9/2014 10:20	53.6	37.1	0.2	9.1	-16.01	-16.09	108	33	32	-22.36	No Change; No Repair Needed; Good; 75981
GRNVLY28	10/23/2014 9:14	51.7	37.3	0.1	10.9	-16.05		107	30		-22.53	No Change; No Repair Needed; Good; 78168
GRNVLY28	11/5/2014 9:03	49.5	35.3	0.1	15.1	-17.08		106	32		-25.55	No Change; No Repair Needed; Good; 80109
GRNVLY28	11/19/2014 10:04	50.9	36	0.5	12.6	-8.28		102	18		-11.48	No Change; No Repair Needed; Good; 82117
GRNVLY28	12/5/2014 9:15	55.7	37.1	0.2	7	-10.61		104	24		-15.84	No Change; No Repair Needed; Good; 83849
GRNVLY28	12/18/2014 9:13	57.8	36.9	0.1	5.2	-12.47		103	27		-19.03	No Change; No Repair Needed; Good; 85378
GRNVLY28	1/22/2015 9:15	57.8	37.5	0.2	4.5	-15.62	-15.88	104	28	29	-25.42	Slightly Open; No Repair Needed; Good; 89133
GRNVLY28	1/22/2015 9:17	57.3	37.3	0.4	5	-16.13		105	40		-25.16	2nd Reading; No Repair Needed; Good
GRNVLY28	2/3/2015 9:33	57.5	36	0.4	6.1	-16.82	-17	100	30	31	-26.28	Slightly Open; No Repair Needed; Good; 91130
GRNVLY28	2/3/2015 9:35	57.5	36.6	0.3	5.6	-17.52		101	32		-26.59	2nd Reading; No Repair Needed; Good
GRNVLY28	3/3/2015 9:39	56.9	35.7	0.6	6.8	-10.96		100	24		-16.23	No Change; No Repair Needed; Good; 96143
GRNVLY28	3/18/2015 9:16	59.2	36.8	0.7	3.3	-12.04	-12.04	100	19	25	-17.05	Slightly Open; No Repair Needed; Good; 99478
GRNVLY28	3/18/2015 9:17	59.3	36.5	0.7	3.5	-12.21		100	27		-17.26	2nd Reading; No Repair Needed; Good
GRNVLY28	4/2/2015 9:25	56.8	34.7	1.2	7.3	-13.03		103	25		-20.72	No Change; No Repair Needed; Good; 105782
GRNVLY28	4/17/2015 12:05	60	36.9	0.2	2.9	-12.68	-12.73	106	30	31	-20.46	Slightly Open; No Repair Needed; Good; 110591
GRNVLY28	4/17/2015 12:06	60.7	37.3	0.1	1.9	-13.03		106	32		-20.24	2nd Reading; No Repair Needed; Good
GRNVLY28	5/5/2015 9:40	60.5	36.7	0.1	2.7	-17.21	-17.56	107	34	30	-25.55	Slightly Open; No Repair Needed; Good; 118118
GRNVLY28	5/5/2015 9:41	60.6	37.3	0.1	2	-17.56		107	31		-25.81	2nd Reading; No Repair Needed; Good
GRNVLY28	5/20/2015 12:08	59.1	36.7	0.3	3.9	-18.21	-18.25	108	36	34	-25.25	Slightly Open; No Repair Needed; Good; needs valve
GRNVLY28	5/20/2015 12:09	60.1	37	0.3	2.6	-18.55		108	34		-25.16	2nd Reading; No Repair Needed; Good; 123147
GRNVLY28	6/1/2015 11:53	57.8	35.4	0.2	6.6	-17.21		107	34		-23.48	No Change; No Repair Needed; Good; 126364
GRNVLY28	6/16/2015 12:16	57.8	37	0.1	5.1	-13.46		109	32		-19.64	No Change; No Repair Needed; Good; 129679

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY28	7/2/2015 10:39	60.8	38.3	0	0.9	-12.38		107	25		-16.57	No Change; No Repair Needed; Good; 132830; valve full open
GRNVLY28	7/27/2015 12:24	59.5	38.2	0.2	2.1	-13.03		108	28		-18.04	No Change; No Repair Needed; Good; 140034; valve full open
GRNVLY29	7/14/2014 12:48	54.3	36.7	1.3	7.7	-0.19	-0.19	89	9	9	-22.64	No Change; No Repair Needed; Good; 110892
GRNVLY29	7/28/2014 12:22	49.8	35.1	2.8	12.3	-0.23	-0.23	79	4	4	-17.61	No Change; No Repair Needed; Good; 111002
GRNVLY29	8/12/2014 11:49	54.4	36.9	1.1	7.6	-0.07	-0.05	91	4	5	-24.77	No Change; No Repair Needed; Good; 111002
GRNVLY29	8/27/2014 11:35	55.8	36.5	0.8	6.9	-0.06	-0.07	98	6	4	-22.92	No Change; No Repair Needed; Good; 111002
GRNVLY29	9/10/2014 12:25	58.8	38.6	0	2.6	-0.01	-0.29	92	7	7	-24.47	Slightly Open; No Repair Needed; Good; 111002
GRNVLY29	9/10/2014 12:26	56.1	38.9	1	4	-0.74	-0.73	93	8	6	-24.82	2nd Reading; No Repair Needed; Good
GRNVLY29	9/25/2014 11:07	49.2	34.5	2	14.3	-1.12	-1.11	99	8	6	-23.9	No Change; No Repair Needed; Good; 111015
GRNVLY29	10/9/2014 12:12	51.6	35.7	1	11.7	-1.73	-1.71	100	15	13	-23.48	No Change; No Repair Needed; Good; 111111
GRNVLY29	10/23/2014 11:37	0	0.1	21	78.9	1.69	-0.04	73	0	0	-21.41	Slightly Open; Pump Maintenance Required; Fair; 111369; pump bypassing into well
GRNVLY29	10/23/2014 11:38	0	0	20.8	79.2	-0.79		78	0		-21.19	2nd Reading; Pump Maintenance Required; Fair
GRNVLY29	11/5/2014 11:03	41.3	31.3	0.4	27	-0.91	-0.82	101	12	8	-24.9	Slightly Closed; No Repair Needed; Good; 112564
GRNVLY29	11/5/2014 11:04	41.1	30.7	0.5	27.7	-0.69		99	10		-25.21	2nd Reading; No Repair Needed; Good
GRNVLY29	11/19/2014 11:10	53	34.5	0	12.5	0.29	-0.21	79	0	27	-21.58	Slightly Open; No Repair Needed; Good; 116043
GRNVLY29	11/19/2014 11:11	53.1	35.7	0.1	11.1	-0.23		86	5		-21.45	2nd Reading; No Repair Needed; Good
GRNVLY29	12/5/2014 10:19	56.7	35.8	0	7.5	-0.29		89	6		-15.93	No Change; No Repair Needed; Good; 117974
GRNVLY29	12/18/2014 10:14	54.9	35.7	0.8	8.6	-0.65		76	7		-18.13	No Change; No Repair Needed; Good; 120186
GRNVLY29	1/22/2015 10:31	46.2	34.6	0.8	18.4	-1.62	-1.5	73	6	5	-23.18	Slightly Closed; No Repair Needed; Good; 120186
GRNVLY29	1/22/2015 10:32	45.9	34.7	0.7	18.7	-1.28		72	6		-23.09	2nd Reading; No Repair Needed; Good
GRNVLY29	2/3/2015 10:51	46.3	34.8	0.9	18	-1.18	-1.17	49	0	2	-24.9	Slightly Closed; No Repair Needed; Good; 120186
GRNVLY29	2/3/2015 10:52	46	35.9	0.4	17.7	-1.15		50	2		-25.55	2nd Reading; No Repair Needed; Good
GRNVLY29	3/3/2015 10:56	56.5	35.1	0	8.4	0.64	-0.02	54	0	7	-13.81	Slightly Open; No Repair Needed; Good; 120186
GRNVLY29	3/3/2015 10:57	56	36.9	0	7.1	-0.44		66	8		-14.07	2nd Reading; No Repair Needed; Good
GRNVLY29	3/18/2015 10:23	54.1	34	0.8	11.1	-3.9		97	9		-16.88	No Change; No Repair Needed; Good; 120186
GRNVLY29	4/2/2015 10:25	40.5	30.5	1	28	-4.3	-3.85	106	6	4	-21.75	Slightly Closed; No Repair Needed; Good; 120186
GRNVLY29	4/2/2015 10:26	40	30.4	0.9	28.7	-3.11		102	3		-21.41	2nd Reading; No Repair Needed; Good
GRNVLY29	4/17/2015 13:16	47.6	32	0.5	19.9	-2.16	-2.09	101	6	7	-18.95	Slightly Closed; No Repair Needed; Good; 120186
GRNVLY29	4/17/2015 13:17	48.1	32.2	0.4	19.3	-1.95		100	9		-18.6	2nd Reading; No Repair Needed; Good
GRNVLY29	5/5/2015 12:58	48.2	32.6	1.2	18	-1.22		99	9		-24.6	No Change; No Repair Needed; Good; 120199
GRNVLY29	5/20/2015 13:21	53.5	34.4	0.4	11.7	-1.07		97	7		-24.6	No Change; No Repair Needed; Good; 120201
GRNVLY29	6/1/2015 12:58	53.1	34	0.5	12.4	-1.56		99	9		-24.69	No Change; No Repair Needed; Good; 120201
GRNVLY29	6/16/2015 13:28	52.7	35.1	0.6	11.6	-1.22		107	9		-18.99	No Change; No Repair Needed; Good; 120201
GRNVLY29	7/2/2015 13:00	55.8	36.4	0.5	7.3	-1.36		100	4		-16.92	No Change; No Repair Needed; Good; 120201
GRNVLY29	7/27/2015 14:45	57.3	34.7	0.5	7.5	-1.6	-1.84	108	11	8	-16.18	Slightly Open; No Repair Needed; Good; 120201
GRNVLY29	7/27/2015 14:46	57.3	35.1	0.4	7.2	-2.26		109	6		-16.27	2nd Reading; No Repair Needed; Good
GRNVLY30	7/14/2014 11:38	48.7	33.9	0.4	17	-1.92	-1.89	90	12	0	-20.92	Slightly Closed; No Repair Needed; Good
GRNVLY30	7/14/2014 11:39	49.4	35.3	0.3	15	-1.86	-1.86	90	2	3	-20.53	2nd Reading; No Repair Needed; Good
GRNVLY30	7/28/2014 10:32	53	34.7	0.2	12.1	-1.54	-1.54	89	5	4	-24.34	No Change; No Repair Needed; Good
GRNVLY30	8/12/2014 9:32	55.1	35.6	0	9.3	-1.2	-1.27	92	5	9	-22.53	Slightly Open; No Repair Needed; Good
GRNVLY30	8/12/2014 9:33	55.5	36.6	0	7.9	-1.34	-1.34	93	4	4	-24.6	2nd Reading; No Repair Needed; Good
GRNVLY30	8/27/2014 9:09	57.3	35.5	0	7.2	-1.47	-1.59	99	6	9	-21.58	Slightly Open; No Repair Needed; Good

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY30	8/27/2014 9:10	57.5	36.5	0	6	-1.68	-1.67	101	13	21	-23.39	2nd Reading; No Repair Needed; Good
GRNVLY30	9/10/2014 10:32	55.9	34.7	0.2	9.2	-2.11	-2.23	103	7	8	-23.91	Slightly Open; No Repair Needed; Good
GRNVLY30	9/10/2014 10:33	56.4	36.8	0.2	6.6	-2.36	-2.37	105	33	34	-25.64	2nd Reading; No Repair Needed; Good
GRNVLY30	9/25/2014 9:01	47.9	35.3	0.8	16	-2.82	-2.76	102	39	39	-24.2	No Change; No Repair Needed; Good
GRNVLY30	10/9/2014 10:25	56	35	0.1	8.9	-1.8	-1.88	91	30	33	-19.64	Slightly Open; No Repair Needed; Good
GRNVLY30	10/9/2014 10:26	57	36.2	0.1	6.7	-2.05	-2.05	95	42	42	-21.45	2nd Reading; No Repair Needed; Good
GRNVLY30	10/23/2014 9:20	50.9	34.8	0.5	13.8	-2.46		92	27		-22.18	No Change; No Repair Needed; Good
GRNVLY30	11/5/2014 9:08	49.3	33.1	0.5	17.1	-2.47		84	15		-22.83	No Change; No Repair Needed; Good
GRNVLY30	11/19/2014 10:09	56.7	35.2	0	8.1	-0.53		69	0		-11.48	No Change; No Repair Needed; Good
GRNVLY30	12/5/2014 9:19	60.8	36.6	0	2.6	-0.81	-0.86	69	4	14	-13.81	Slightly Open; No Repair Needed; Good
GRNVLY30	12/5/2014 9:20	61	37.3	0	1.7	-1.02		75	37		-15.49	2nd Reading; No Repair Needed; Good
GRNVLY30	12/18/2014 9:16	57.7	37.1	0.1	5.1	-2.26		81	19		-17.09	No Change; No Repair Needed; Good
GRNVLY30	1/22/2015 9:21	57.4	36	0.3	6.3	-2.54	-2.66	67	0	16	-22.7	Slightly Open; No Repair Needed; Good
GRNVLY30	1/22/2015 9:23	57.2	35.8	0.3	6.7	-2.85		77	6		-25.21	2nd Reading; No Repair Needed; Good
GRNVLY30	2/3/2015 9:41	61.6	37.5	0	0.9	-0.9	-1.29	79	6	21	-25.9	Slightly Open; No Repair Needed; Good
GRNVLY30	2/3/2015 9:42	60.7	38.6	0	0.7	-1.9		97	12		-25.59	2nd Reading; No Repair Needed; Good
GRNVLY30	3/3/2015 9:43	41.9	31.6	1.8	24.7	-4.51	-4.16	99	22	10	-16.23	Slightly Closed; No Repair Needed; Good
GRNVLY30	3/3/2015 9:44	42.2	30.4	1.8	25.6	-3.81		94	7		-16.23	2nd Reading; No Repair Needed; Good
GRNVLY30	3/18/2015 9:22	59	35.6	0.1	5.3	-4.13	-4.28	74	0	3	-16.75	Slightly Open; No Repair Needed; Good
GRNVLY30	3/18/2015 9:23	58.9	36.3	0.1	4.7	-4.36		80	6		-13.9	2nd Reading; No Repair Needed; Good
GRNVLY30	4/2/2015 9:31	49.4	31.2	0.5	18.9	-3.43		91	30		-19.55	No Change; No Repair Needed; Good
GRNVLY30	4/17/2015 12:11	62.9	36.4	0	0.7	2.17	-0.06	97	0	0	-17.18	Slightly Open; No Repair Needed; Good
GRNVLY30	4/17/2015 12:12	62.8	36.5	0	0.7	-0.62		109	23		-19.9	2nd Reading; No Repair Needed; Good
GRNVLY30	5/5/2015 9:45	45.8	31.9	1.4	20.9	-10.66	-9.97	111	40	35	-25.59	Slightly Closed; No Repair Needed; Good
GRNVLY30	5/5/2015 9:46	45.6	30.4	1.7	22.3	-9.62		110	29		-25.59	2nd Reading; No Repair Needed; Good
GRNVLY30	5/20/2015 12:13	50	33.1	0.9	16	-5.44		109	15		-24.69	No Change; No Repair Needed; Good
GRNVLY30	6/1/2015 11:58	35.6	29.7	1.7	33	-6.56	-6.21	107	14	8	-23.56	Slightly Closed; No Repair Needed; Fair
GRNVLY30	6/1/2015 11:59	35.3	28.1	1.7	34.9	-5.65		105	8		-23.87	2nd Reading; No Repair Needed; Fair
GRNVLY30	6/16/2015 12:21	51.2	32.8	0.1	15.9	-1.58		103	33		-17.91	No Change; No Repair Needed; Good
GRNVLY30	7/2/2015 10:44	58.8	35.4	0	5.8	-1.76	-1.83	88	26	30	-14.72	Slightly Open; No Repair Needed; Good
GRNVLY30	7/2/2015 10:45	58.7	36	0	5.3	-1.97		90	6		-14.5	2nd Reading; No Repair Needed; Good
GRNVLY30	7/27/2015 12:29	56.6	35.6	0	7.8	-4.35	-4.41	102	13	7	-18.3	Slightly Open; No Repair Needed; Good
GRNVLY30	7/27/2015 12:30	56.8	35.6	0	7.6	-4.58		105	8		-17.65	2nd Reading; No Repair Needed; Good
GRNVLY31	7/14/2014 11:48	56.6	36.5	0	6.9	-21.76	-22.06	105	12	26	-21.91	No Change; No Repair Needed; Good
GRNVLY31	7/28/2014 10:40	54	37.6	0	8.4	-23.04	-23.12	105	20	22	-22.87	No Change; No Repair Needed; Good
GRNVLY31	8/12/2014 9:40	54.5	36.9	0	8.6	-24.55	-24.94	109	0	0	-24.26	No Change; No Repair Needed; Good
GRNVLY31	8/27/2014 9:20	56.6	37	0	6.4	-23.9	-24.42	111	14	20	-23.09	No Change; No Repair Needed; Good
GRNVLY31	9/10/2014 10:40	55.9	37.6	0	6.5	-24.07	-23.81	109	10	15	-23.95	No Change; No Repair Needed; Good
GRNVLY31	9/25/2014 9:07	53.5	38.7	0	7.8	-24.47	-24.13	107	20	20	-25.27	No Change; No Repair Needed; Good
GRNVLY31	10/9/2014 10:33	57.7	37	0	5.3	-22.35	-22.43	105	13	18	-22.31	No Change; No Repair Needed; Good
GRNVLY31	10/23/2014 9:27	57.2	37.4	0	5.4	-22.04		105	11		-22.18	No Change; No Repair Needed; Good
GRNVLY31	11/5/2014 9:16	53.9	35.5	0	10.6	-24.85		104	22		-25.59	No Change; No Repair Needed; Good
GRNVLY31	11/19/2014 10:17	55.6	36.1	0	8.3	-10.74		94	7		-10.4	No Change; No Repair Needed; Good
GRNVLY31	12/5/2014 9:27	57.6	35.9	0	6.5	-16.01		90	11		-15.88	No Change; No Repair Needed; Good
GRNVLY31	12/18/2014 9:23	57.5	35.3	0	7.2	-18.25		98	13		-18.43	No Change; No Repair Needed; Good

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY31	1/22/2015 9:33	54.3	37.4	0	8.3	-23.73		102	9		-23.52	No Change; No Repair Needed; Good
GRNVLY31	2/3/2015 9:51	47.9	36.9	0	15.2	-24.07	-24.07	95	12	11	-24.21	Slightly Closed; No Repair Needed; Good
GRNVLY31	2/3/2015 9:52	47.9	35.9	0	16.2	-24.07		96	16		-24.21	2nd Reading; No Repair Needed; Good
GRNVLY31	3/3/2015 9:51	54.1	35.8	0	10.1	-15.53		95	15		-15.19	No Change; No Repair Needed; Good
GRNVLY31	3/18/2015 9:31	59.1	36	0.3	4.6	-16.87		88	12		-17.13	No Change; No Repair Needed; Good
GRNVLY31	4/2/2015 9:38	52.9	33.1	0.5	13.5	-19.59		98	16		-19.81	No Change; No Repair Needed; Good
GRNVLY31	4/17/2015 12:16	54.3	35.5	0	10.2	-18.9		104	8		-18.99	No Change; No Repair Needed; Good
GRNVLY31	5/5/2015 9:56	55.3	33.1	0.2	11.4	-25.15		101	18		-25.59	No Change; No Repair Needed; Good
GRNVLY31	5/20/2015 12:21	55.4	35.4	0.1	9.1	-24.85		104	15		-25.25	No Change; No Repair Needed; Good
GRNVLY31	6/1/2015 12:06	56.3	36.4	0	7.3	-23.55		94	20		-24.51	No Change; No Repair Needed; Good
GRNVLY31	6/16/2015 12:30	56.9	36.3	0	6.8	-18.98		106	13		-19.29	No Change; No Repair Needed; Good
GRNVLY31	7/2/2015 10:54	59.8	37.6	0	2.6	-22.35		106	22		-23.22	No Change; No Repair Needed; Good
GRNVLY31	7/27/2015 12:39	60.4	37	0	2.6	-17.17		108	12		-17.26	No Change; No Repair Needed; Good
GRNVLY33	7/14/2014 12:36	23.2	21.2	3.5	52.1	-2.31	-2.29	121	0	0	-19.63	No Change; No Repair Needed; Fair; valve barely cracked; well influence
GRNVLY33	7/28/2014 11:33	19.8	21.3	4.9	54	-4.04	-4.02	125	3	2	-16.57	No Change; No Repair Needed; Fair; valve barely cracked; well influence
GRNVLY33	8/12/2014 10:42	34.8	23.7	4.9	36.6	-0.45	-0.45	86	4	4	-16.88	No Change; No Repair Needed; Fair; valve barely cracked; well influence
GRNVLY33	8/27/2014 10:12	35.2	26	4.9	33.9	-0.66	-0.66	90	5	6	-15.49	No Change; No Repair Needed; Fair; valve barely cracked; well influence
GRNVLY33	9/10/2014 11:27	26	21.8	4.9	47.3	-1.11	-1.05	103	7	5	-19.55	No Change; No Repair Needed; Fair; valve barely cracked
GRNVLY33	9/25/2014 9:52	26.1	22.3	4.9	46.7	-1.72	-1.71	117	4	7	-18.44	No Change; No Repair Needed; Fair; valve barely cracked; well influence
GRNVLY33	10/9/2014 11:20	30	23.2	4.1	42.7	-2.16	-2.13	119	13	12	-21.1	No Change; No Repair Needed; Fair; valve barely cracked; well influence
GRNVLY33	10/23/2014 10:14	22.6	21.9	4.9	50.6	-2.16		119	5		-18.77	No Change; No Repair Needed; Fair; well influence
GRNVLY33	11/5/2014 10:51	23.1	21.8	4.9	50.2	-2.61		127	0		-17.52	No Change; No Repair Needed; Fair; valve barely cracked; well influence
GRNVLY33	11/19/2014 10:59	33.4	28.1	0.9	37.6	0.36	-0.01	45	4	12	-20.98	Slightly Open; No Repair Needed; Fair
GRNVLY33	11/19/2014 11:01	34.9	27.7	0.3	37.1	-0.01		93	8		-20.8	2nd Reading; No Repair Needed; Fair
GRNVLY33	12/5/2014 10:10	44.4	31.9	2.1	21.6	-1.32	-1.27	116	8	7	-15.93	Slightly Closed; No Repair Needed; Fair
GRNVLY33	12/5/2014 10:11	44.4	30.6	2.1	22.9	-1.23		113	7		-15.49	2nd Reading; No Repair Needed; Fair
GRNVLY33	12/18/2014 10:05	38.3	31.4	3.4	26.9	-2		89	0		-17.61	No Change; No Repair Needed; Fair; valve barely cracked
GRNVLY33	1/22/2015 10:22	29.4	25.6	3.1	41.9	-4.88		99	5		-18.56	No Change; No Repair Needed; Fair; valve barely cracked
GRNVLY33	2/3/2015 10:40	23.6	22.2	4	50.2	-7.51		99	0		-20.11	No Change; No Repair Needed; Fair; valve barely cracked; well influence
GRNVLY33	3/3/2015 10:44	31.9	26.7	1.4	40	-1.25		56	2		-14.16	No Change; No Repair Needed; Fair; valve barely cracked; well influence
GRNVLY33	3/18/2015 10:14	47.2	29.5	0.1	23.2	-4.23		66	25		-15.41	No Change; No Repair Needed; Good; valve barely cracked

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Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY33	4/2/2015 10:17	31.6	24.1	0.4	43.9	-3.66		76	2		-16.66	No Change; No Repair Needed; Fair; valve barely cracked
GRNVLY33	4/17/2015 12:56	38.5	28	0	33.5	-4.37		84	8		-15.49	No Change; No Repair Needed; Good; valve barely cracked; well influence
GRNVLY33	5/5/2015 12:49	33.2	28.3	0	38.5	-5.22		95	5		-19.55	No Change; No Repair Needed; Good; valve barely cracked; well influence
GRNVLY33	5/20/2015 13:09	26.2	25.7	0	48.1	-4.12		88	0		-19.68	No Change; No Repair Needed; Good
GRNVLY33	6/1/2015 12:49	26	26	0.1	47.9	-3.51		83	23		-20.41	No Change; No Repair Needed; Fair; valve barely cracked
GRNVLY33	6/16/2015 13:18	34.1	28	0	37.9	-2.17		101	35		-15.54	Slightly Closed; No Repair Needed; Good
GRNVLY33	6/16/2015 13:19	34.1	28.4	0	37.5	-2.16		100	27		-15.49	2nd Reading; No Repair Needed; Good
GRNVLY33	7/2/2015 12:51	47.2	31.3	0.1	21.4	-2.74		91	3		-15.54	No Change; No Repair Needed; Fair; valve barely cracked
GRNVLY33	7/27/2015 13:28	49.7	34.2	0.2	15.9	-2.68		101	9		-15.58	No Change; No Repair Needed; Good
GRNVLY34	7/14/2014 11:51	52.2	35.6	0	12.2	-6.55	-6.55	106	24	21	-21.95	No Change; No Repair Needed; Good
GRNVLY34	7/28/2014 10:42	50.3	35.6	0.2	13.9	-7.16	-7.16	105	51	56	-24.17	No Change; No Repair Needed; Good
GRNVLY34	8/12/2014 9:42	53.4	35.5	0.1	11	-6.9	-6.9	107	68	71	-25.03	No Change; No Repair Needed; Good
GRNVLY34	8/27/2014 9:23	54	35.4	0.2	10.4	-6.86	-6.86	107	60	58	-25.16	No Change; No Repair Needed; Good
GRNVLY34	9/10/2014 10:43	52.7	35.7	0	11.6	-6.95	-6.95	107	59	59	-24.51	No Change; No Repair Needed; Good
GRNVLY34	9/25/2014 9:10	50.8	37.2	0.2	11.8	-6.85	-6.85	105	24	23	-24.5	No Change; No Repair Needed; Good
GRNVLY34	10/9/2014 10:35	54.5	36.4	0	9.1	-6.51	-6.47	105	31	28	-22.92	No Change; No Repair Needed; Good
GRNVLY34	10/23/2014 9:29	51.5	36.7	0.2	11.6	-6.86		104	47		-22.87	No Change; No Repair Needed; Good
GRNVLY34	11/5/2014 9:19	51	35.4	0	13.6	-7.25		103	40		-25.33	No Change; No Repair Needed; Good
GRNVLY34	11/19/2014 10:19	52.4	36.1	0.1	11.4	-3.84		101	19		-10.4	No Change; No Repair Needed; Good
GRNVLY34	12/5/2014 9:30	57.1	35.9	0.2	6.8	-5.78		103	20		-15.58	No Change; No Repair Needed; Good
GRNVLY34	12/18/2014 9:25	57.7	36.4	0	5.9	-6.86		103	30		-18.86	No Change; No Repair Needed; Good
GRNVLY34	1/22/2015 9:35	50.8	36	0.2	13	-8.54		102	67		-24.82	No Change; No Repair Needed; Good
GRNVLY34	2/3/2015 9:56	45.3	34.8	0.3	19.6	-9.97	-9.53	100	0	0	-24.56	Slightly Closed; No Repair Needed; Good
GRNVLY34	2/3/2015 9:57	44.7	34.7	0.4	20.2	-8.89		98	23		-23.82	2nd Reading; No Repair Needed; Good
GRNVLY34	3/3/2015 9:53	53.5	34.7	0	11.8	-3.19		96	14		-15.58	No Change; No Repair Needed; Good
GRNVLY34	3/18/2015 9:35	59.8	35.5	0.5	4.2	-4.86		97	64		-16.79	No Change; No Repair Needed; Good
GRNVLY34	4/2/2015 9:40	52.7	33	0.4	13.9	-4.19		100	42		-19.16	No Change; No Repair Needed; Good
GRNVLY34	4/17/2015 12:18	54.8	33.5	0.3	11.4	-4.5		101	19		-19.29	No Change; No Repair Needed; Good
GRNVLY34	5/5/2015 9:58	48.7	31.4	0.2	19.7	-5.48		102	18		-22.79	No Change; No Repair Needed; Good
GRNVLY34	5/20/2015 12:23	51.1	32.9	0.2	15.8	-4.26		103	20		-23.39	No Change; No Repair Needed; Good
GRNVLY34	6/1/2015 12:09	54.3	33.9	0.2	11.6	-3.94		102	20		-24.26	No Change; No Repair Needed; Good
GRNVLY34	6/16/2015 12:32	57	36.1	0.1	6.8	-2.89	-3.07	104	17	19	-19.59	Slightly Open; No Repair Needed; Good
GRNVLY34	6/16/2015 12:34	56.8	36.8	0	6.4	-3.28		105	28		-17.95	2nd Reading; No Repair Needed; Good
GRNVLY34	7/2/2015 10:57	57.1	36.4	0	6.5	-4.25	-4.58	103	23	24	-21.88	Slightly Open; No Repair Needed; Good
GRNVLY34	7/2/2015 10:58	57.8	37.6	0	4.6	-4.72		103	20		-19.85	2nd Reading; No Repair Needed; Good
GRNVLY34	7/27/2015 12:41	56.5	36.9	0.3	6.3	-4.92		105	14		-16.92	No Change; No Repair Needed; Good
GRNVLY35	7/14/2014 12:32	57.4	35.3	0	7.3	-0.55	-0.51	95	6	5	-17.95	No Change; No Repair Needed; Good; 274
GRNVLY35	7/28/2014 11:26	57	36.1	0	6.9	-1.31	-1.3	89	18	17	-16.92	No Change; No Repair Needed; Good; 274
GRNVLY35	8/12/2014 10:38	54	36.1	0	9.9	-0.33	-0.33	98	4	4	-18.64	No Change; No Repair Needed; Good; 274
GRNVLY35	8/27/2014 10:07	57.9	36.5	0.1	5.5	-0.27	-0.4	115	7	7	-17.91	Slightly Open; No Repair Needed; Good; 1790

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

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GRNVLY35	8/27/2014 10:08	58.7	37.8	0	3.5	-0.5	-0.49	118	8	7	-17.61	2nd Reading; No Repair Needed; Good
GRNVLY35	9/10/2014 11:22	51.8	35.4	0.1	12.7	-0.91	-0.91	120	34	34	-18.43	No Change; No Repair Needed; Good; 7101
GRNVLY35	9/25/2014 9:48	50.2	35.9	0.2	13.7	-1.17	-1.18	116	22	23	-18.1	No Change; No Repair Needed; Good; 9848
GRNVLY35	10/9/2014 11:15	53.4	33.6	0.1	12.9	-1.26	-1.25	111	9	10	-18.39	No Change; No Repair Needed; Good; 9890
GRNVLY35	10/23/2014 10:07	55.7	35.7	0	8.6	-1.27	-1.45	93	0	8	-14.24	Slightly Open; No Repair Needed; Good; 10523
GRNVLY35	10/23/2014 10:08	56.6	37.9	0	5.5	-1.56		98	8		-13.94	2nd Reading; No Repair Needed; Good
GRNVLY35	11/5/2014 10:43	45.4	32.6	1	21	-1.94	-1.83	121	25	23	-17.61	Slightly Closed; No Repair Needed; Good; 10523
GRNVLY35	11/5/2014 10:44	46.3	33.7	0.9	19.1	-1.71		118	8		-21.84	2nd Reading; No Repair Needed; Good
GRNVLY35	11/19/2014 10:55	42.8	29.7	4.1	23.4	-0.02		118	10		-20.41	No Change; No Repair Needed; Fair; 10523; valve barely cracked
GRNVLY35	12/5/2014 10:06	57.8	34.4	0	7.8	-2.14	-2.16	135	12	12	-15.24	No Change; No Repair Needed; Good; 19562
GRNVLY35	12/5/2014 10:07	57.1	36	0	6.9	-2.17		135	34		-15.54	2nd Reading; No Repair Needed; Good
GRNVLY35	12/5/2014 10:28	57.5	37.1	0	5.4	-2.16	-2.04	136	9	8	-15.84	Slightly Closed; No Repair Needed; Good
GRNVLY35	12/5/2014 10:30	58.2	37.3	0	4.5	-1.45		130	6		-15.49	2nd Reading; No Repair Needed; Good
GRNVLY35	12/18/2014 10:02	50.6	34.8	0.6	14	-1.45		95	4		-17.61	No Change; No Repair Needed; Good; 19652
GRNVLY35	1/22/2015 10:18	56.5	35.7	1	6.8	-4.07		85	4		-18.6	No Change; No Repair Needed; Good; 19652
GRNVLY35	2/3/2015 10:32	57.9	35.5	0	6.6	-5.44	-5.44	73	0	0	-20.46	Slightly Open; No Repair Needed; Good; 19652
GRNVLY35	2/3/2015 10:33	57.7	36.1	0	6.2	-5.48		78	2		-21.1	2nd Reading; No Repair Needed; Fair
GRNVLY35	3/3/2015 10:40	59.3	35.6	0	5.1	-0.66	-0.77	92	0	7	-14.5	Slightly Open; No Repair Needed; Good; 19652
GRNVLY35	3/3/2015 10:41	59.3	36	0	4.7	-0.83		95	13		-14.16	2nd Reading; No Repair Needed; Good
GRNVLY35	3/18/2015 10:11	51	34	1.1	13.9	-3.71		113	5		-15.41	No Change; No Repair Needed; Good; 19652
GRNVLY35	4/2/2015 10:14	14	18.4	2.7	64.9	-2.57	-2.53	107	0	0	-17.22	Slightly Closed; Pump Maintenance Required; Fair; 19654
GRNVLY35	4/2/2015 10:15	14.1	15.4	2.9	67.6	-2.36		101	0		-16.92	2nd Reading; Pump Maintenance Required; Fair
GRNVLY35	4/17/2015 12:53	48.3	28.9	2.3	20.5	-3.04		81	6		-15.54	No Change; Pump Maintenance Required; Good; 19654; valve barely cracked
GRNVLY35	5/5/2015 12:46	57.4	30.5	0.5	11.6	-3.18		91	4		-21.02	No Change; No Repair Needed; Good; 19654
GRNVLY35	5/20/2015 13:06	50.9	32.8	0.5	15.8	-2.23		102	6		-20.59	No Change; No Repair Needed; Good; 19654
GRNVLY35	6/1/2015 12:46	49.4	31.5	1.2	17.9	-1.76		103	9		-20.63	No Change; No Repair Needed; Good; 19654
GRNVLY35	6/16/2015 13:14	49	32.5	1.2	17.3	-0.92		113	8		-16.75	No Change; No Repair Needed; Good; 19654
GRNVLY35	7/2/2015 12:47	56.9	35.2	0.2	7.7	-1.45		104	35		-16.4	No Change; No Repair Needed; Good; 19654
GRNVLY36	7/14/2014 12:19	51.1	34.6	0	14.3	-16.89	-17.23	128	35	44	-18.04	No Change; No Repair Needed; Good
GRNVLY36	7/28/2014 11:13	50.6	35.5	0	13.9	-17.17	-17.52	127	33	38	-17.78	No Change; No Repair Needed; Good
GRNVLY36	8/12/2014 10:25	51.9	34.9	0	13.2	-16.22	-16.57	128	44	39	-17.95	No Change; No Repair Needed; Good
GRNVLY36	8/27/2014 9:55	54.6	34.6	0	10.8	-16.48	-16.13	128	40	44	-17.52	No Change; No Repair Needed; Good
GRNVLY36	9/10/2014 11:10	54.7	35.7	0	9.6	-16.61	-16.35	127	41	40	-18	No Change; No Repair Needed; Good
GRNVLY36	9/25/2014 9:37	52.6	36.9	0	10.5	-16.98	-16.85	126	44	41	-18.14	No Change; No Repair Needed; Good
GRNVLY36	10/9/2014 11:05	56.4	35.6	0	8	-18.55	-18.55	127	47	43	-20.11	No Change; No Repair Needed; Good
GRNVLY36	10/23/2014 9:58	52.9	36.1	0	11	-14.19		124	23		-14.8	No Change; No Repair Needed; Good
GRNVLY36	11/5/2014 10:33	50.9	35.4	0	13.7	-16.74		126	41		-18.56	No Change; No Repair Needed; Good
GRNVLY36	11/19/2014 10:44	54.2	35.6	0	10.2	-17.86		126	53		-20.46	No Change; No Repair Needed; Good
GRNVLY36	12/5/2014 9:58	56.9	34.4	0	8.7	-14.11		125	41		-15.49	No Change; No Repair Needed; Good
GRNVLY36	12/18/2014 9:53	57.9	36.3	0	5.8	-15.14		124	33		-16.23	No Change; No Repair Needed; Good
GRNVLY36	1/22/2015 10:08	57.6	35.3	0	7.1	-17.04		123	34		-17.82	No Change; No Repair Needed; Good
GRNVLY36	2/3/2015 10:22	53.8	36.5	0	9.7	-19.72		123	26		-20.41	No Change; No Repair Needed; Good

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY36	3/3/2015 10:30	56.8	35.3	0	7.9	-13.2		123	35		-14.03	No Change; No Repair Needed; Good
GRNVLY36	3/18/2015 10:02	58.8	35.2	0.1	5.9	-14.54		123	25		-15.41	No Change; No Repair Needed; Good
GRNVLY36	4/2/2015 10:05	53	33.5	0.3	13.2	-15.79		124	31		-16.92	No Change; No Repair Needed; Good
GRNVLY36	4/17/2015 12:44	53.7	34.7	0	11.6	-14.75		124	30		-15.45	No Change; No Repair Needed; Good
GRNVLY36	5/5/2015 10:27	55.2	34.1	0	10.7	-19.33		125	36		-20.37	No Change; No Repair Needed; Good
GRNVLY36	5/20/2015 12:55	50.4	33	0.1	16.5	-18.21		125	41		-19.94	No Change; No Repair Needed; Good
GRNVLY36	6/1/2015 12:37	49	33.5	0	17.5	-19.33		126	42		-20.37	No Change; No Repair Needed; Good
GRNVLY36	6/16/2015 13:04	50.3	33.8	0	15.9	-15.19		126	33		-16.18	No Change; No Repair Needed; Good
GRNVLY36	7/2/2015 11:31	54	35.3	0	10.7	-15.36		124	30		-15.88	No Change; No Repair Needed; Good
GRNVLY36	7/27/2015 13:15	52.9	35.2	0	11.9	-16.48		126	46		-18.34	No Change; No Repair Needed; Good
GRNVLY37	7/14/2014 12:12	47.9	34.1	0	18	-12.06	-11.03	91	31	18	-19.29	Slightly Closed; No Repair Needed; Good
GRNVLY37	7/14/2014 12:13	48.1	33.8	0	18.1	-10.77	-10.77	91	17	22	-18.12	2nd Reading; No Repair Needed; Good
GRNVLY37	7/28/2014 11:06	46.3	34.4	0	19.3	-9.92	-8.93	89	27	9	-17.61	Slightly Closed; No Repair Needed; Good
GRNVLY37	7/28/2014 11:06	46.4	34.7	0	18.9	-8.24	-8.24	88	5	5	-18.39	2nd Reading; No Repair Needed; Good
GRNVLY37	8/12/2014 10:17	54.8	34.2	0	11	-4.05	-4.08	89	10	11	-18.3	No Change; No Repair Needed; Good
GRNVLY37	8/27/2014 9:48	57	34.1	0	8.9	-4.32	-4.62	90	10	36	-17.87	Slightly Open; No Repair Needed; Good
GRNVLY37	8/27/2014 9:49	56.8	34.7	0	8.5	-4.84	-4.81	90	39	40	-18.56	2nd Reading; No Repair Needed; Good
GRNVLY37	9/10/2014 11:04	53.8	34.7	0	11.5	-5.91	-5.95	91	14	15	-18.3	No Change; No Repair Needed; Good
GRNVLY37	9/25/2014 9:31	52	36.2	0	11.8	-5.9	-5.99	88	9	15	-17.46	No Change; No Repair Needed; Good
GRNVLY37	10/9/2014 10:58	55.4	33.8	0	10.8	-6.13	-6.51	89	17	22	-20.24	Slightly Open; No Repair Needed; Good
GRNVLY37	10/9/2014 10:59	56.2	34.5	0	9.3	-6.82	-6.86	89	24	21	-20.8	2nd Reading; No Repair Needed; Good
GRNVLY37	10/23/2014 9:53	49.4	35	0	15.6	-7.89		87	16		-17.65	No Change; No Repair Needed; Good
GRNVLY37	11/5/2014 10:27	47.2	33.6	0	19.2	-7.2	-6.86	86	24	14	-18.9	Slightly Closed; No Repair Needed; Good
GRNVLY37	11/5/2014 10:28	48.2	33.5	0	18.3	-6.51		84	10		-19.59	2nd Reading; No Repair Needed; Good
GRNVLY37	11/19/2014 10:38	50.7	34.2	0	15.1	-3.24		84	13		-20.07	No Change; No Repair Needed; Good
GRNVLY37	12/5/2014 9:51	56.5	35.2	0	8.3	-3.84		83	11		-15.24	No Change; No Repair Needed; Good
GRNVLY37	12/18/2014 9:47	56.9	35.9	0	7.2	-5.18		82	14		-17.22	No Change; No Repair Needed; Good
GRNVLY37	1/22/2015 10:00	57.7	36.3	0	6	-7.89	-8.2	81	11	11	-18.64	Slightly Open; No Repair Needed; Good
GRNVLY37	1/22/2015 10:01	56.9	33.1	0	10	-8.2		82	13		-18.21	2nd Reading; No Repair Needed; Good
GRNVLY37	2/3/2015 10:17	51.5	35.9	0	12.6	-12.34		80	9		-20.8	No Change; No Repair Needed; Good
GRNVLY37	3/3/2015 10:21	58.6	34	0	7.4	-5.74	-6.08	81	12	14	-14.98	Slightly Open; No Repair Needed; Good
GRNVLY37	3/3/2015 10:22	58.7	33.4	0	7.9	-6.13		83	16		-14.8	2nd Reading; No Repair Needed; Good
GRNVLY37	3/18/2015 9:57	64.3	34.3	0	1.4	-8.93		84	12		-15.28	No Change; No Repair Needed; Good
GRNVLY37	4/2/2015 10:00	54	33.1	0.2	12.7	-9.23		86	10		-16.75	No Change; No Repair Needed; Good
GRNVLY37	4/17/2015 12:39	57.6	35.1	0	7.3	-8.54		87	11		-15.54	No Change; No Repair Needed; Good
GRNVLY37	5/5/2015 10:20	55.8	33	0	11.2	-12.73	-13.07	88	15	19	-21.06	Slightly Open; No Repair Needed; Good
GRNVLY37	5/5/2015 10:21	55.7	32.9	0	11.4	-13.42		89	18		-20.46	2nd Reading; No Repair Needed; Good
GRNVLY37	5/20/2015 12:48	51.9	33.2	0.2	14.7	-13.03		88	12		-20.16	No Change; No Repair Needed; Good
GRNVLY37	6/1/2015 12:32	50.7	33.3	0	16	-13.42		88	21		-20.76	No Change; No Repair Needed; Good
GRNVLY37	6/16/2015 12:59	52.1	33.5	0	14.4	-10.4		91	12		-16.23	No Change; No Repair Needed; Good
GRNVLY37	7/2/2015 11:23	54.9	34.4	0	10.7	-11.3	-11.65	88	14	20	-18.95	Slightly Open; No Repair Needed; Good
GRNVLY37	7/2/2015 11:24	54.7	34	0	11.3	-11.99		88	25		-19.03	2nd Reading; No Repair Needed; Good
GRNVLY37	7/27/2015 13:08	56.9	35.7	0	7.4	-11.35	-12.04	90	15	23	-15.24	Slightly Open; No Repair Needed; Good
GRNVLY37	7/27/2015 13:09	56.7	35.1	0	8.2	-12.34		90	27		-14.89	2nd Reading; No Repair Needed; Good
GRNVLY55	7/14/2014 10:14	59.4	39.3	0	1.3	-25.85	-25.89	111	16	10	-26	No Change; No Repair Needed; Good; 1957

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY55	7/28/2014 9:57	61	38.7	0	0.3	-26.49	-26.19	110	28	28	-26.67	No Change; No Repair Needed; Good
GRNVLY55	8/12/2014 8:52	60.4	37.7	0	1.9	-26.92	-26.66	110	32	32	-26.85	No Change; No Repair Needed; Good; 1960
GRNVLY55	8/27/2014 8:28	60.1	37.8	0	2.1	-26.57	-26.57	110	30	31	-26.15	No Change; No Repair Needed; Good; 1968
GRNVLY55	9/10/2014 9:53	61.1	37.9	0	1	-26.27	-26.23	110	33	31	-26.28	No Change; No Repair Needed; Good; 1968
GRNVLY55	9/25/2014 8:30	59.2	38.7	0	2.1	-26.5	-26.5	109	28	33	-26.29	No Change; No Repair Needed; Good; 1968
GRNVLY55	10/9/2014 10:05	61.1	37.4	0	1.5	-26.14	-26.19	109	33	27	-26.24	No Change; No Repair Needed; Good; 1968
GRNVLY55	10/23/2014 8:55	61.5	36.3	0	2.2	-26.88		108	27		-27.02	No Change; No Repair Needed; Good; 1968
GRNVLY55	11/5/2014 8:48	60.6	35.5	0	3.9	-27.22		108	36		-27.06	No Change; No Repair Needed; Good; 1980
GRNVLY55	11/19/2014 9:32	57.4	36.3	0.1	6.2	-12.94		105	17		-13.08	No Change; No Repair Needed; Good; 1980
GRNVLY55	12/5/2014 8:59	57.8	37.5	0	4.7	-18.21		108	28		-18.3	No Change; No Repair Needed; Good; 2052
GRNVLY55	12/18/2014 8:57	57.3	37.2	0	5.5	-20.32		107	26		-20.33	No Change; No Repair Needed; Good; 2053
GRNVLY55	1/8/2015 9:31	58.3	34	0.3	7.4	-23.08		105	31		-22.87	No Change; No Repair Needed; Good; 2053
GRNVLY55	1/22/2015 8:51	57.4	37.1	0.1	5.4	-24.89		106	27		-24.86	No Change; No Repair Needed; Good; 2179
GRNVLY55	2/3/2015 9:12	57.3	36.8	0.1	5.8	-26.53		105	28		-26.93	No Change; Pump Maintenance Required; Fair; 7651
GRNVLY55	3/3/2015 9:23	62.7	36.4	0	0.9	-18.03		105	26		-18.26	No Change; No Repair Needed; Good; 7663
GRNVLY55	3/18/2015 8:59	60.7	35.3	0.3	3.7	-18.51		105	25		-18.6	No Change; Pump Maintenance Required; Fair; 7663
GRNVLY55	4/2/2015 9:00	56.1	33.9	1.7	8.3	-22.35		106	18		-22.44	No Change; Pump Maintenance Required; Good; 7663
GRNVLY55	4/17/2015 11:07	62.3	36.2	0	1.5	-20.06		106	26		-20.2	No Change; Pump Maintenance Required; Good; 7663
GRNVLY55	5/5/2015 9:23	62.2	35.7	0	2.1	-26.53		107	27		-26.63	No Change; No Repair Needed; Good; 7663
GRNVLY55	5/20/2015 10:43	61.1	38.7	0	0.2	-18.55	-19.93	106	27	27	-26.28	Slightly Open; No Repair Needed; Good
GRNVLY55	5/20/2015 10:44	61.6	38.1	0	0.3	-21.61		107	28		-27.71	2nd Reading; No Repair Needed; Good
GRNVLY55	6/1/2015 10:41	61.4	38.2	0	0.4	-25.15		105	30		-26.24	No Change; No Repair Needed; Good; 7838
GRNVLY55	6/16/2015 10:41	60.7	38.3	0	1	-20.53		107	20		-21.32	No Change; No Repair Needed; Good; 8091
GRNVLY55	7/2/2015 9:24	61.2	38.8	0	0	-24.85		106	28		-26.24	No Change; No Repair Needed; Good; 8541
GRNVLY55	7/27/2015 11:11	59.6	37.3	0	3.1	-18.55		107	24		-19.16	No Change; No Repair Needed; Good
GRNVLY56	7/14/2014 10:11	60.3	37.8	0	1.9	-26.88	-26.54	94	9	14	-26.43	No Change; No Repair Needed; Good; 52549
GRNVLY56	7/28/2014 9:55	62.1	35.9	0.2	1.8	-26.83	-26.57	93	20	12	-26.59	No Change; No Repair Needed; Good; 52649
GRNVLY56	8/12/2014 8:49	61.1	37	0.1	1.8	-27.01	-26.92	95	6	8	-26.63	No Change; No Repair Needed; Good; 53175
GRNVLY56	8/27/2014 8:25	60.9	37.7	0	1.4	-26.57	-27.18	96	10	12	-26.15	No Change; No Repair Needed; Good; 53638; force main restricted
GRNVLY56	9/10/2014 9:49	60.8	37.1	0	2.1	-26.7	-26.62	97	5	8	-26.67	No Change; No Repair Needed; Good; 54826
GRNVLY56	9/25/2014 8:28	61	36.9	0.2	1.9	-26.2	-26.2	93	11	9	-26.08	No Change; No Repair Needed; Good; 55749
GRNVLY56	10/9/2014 9:47	59.7	37.3	0	3	-26.23	-26.23	93	5	7	-26.63	No Change; No Repair Needed; Good; 56464
GRNVLY56	10/23/2014 8:40	58.4	37.9	0.1	3.6	-16.7	-17.77	84	19	28	-27.41	Slightly Open; No Repair Needed; Good; 56721; force main restricted
GRNVLY56	10/23/2014 8:41	60.9	38.6	0	0.5	-21.7		88	6		-26.72	2nd Reading; No Repair Needed; Good; force main restricted
GRNVLY56	11/5/2014 8:35	57.1	33.6	0.8	8.5	-23.08		87	27		-26.63	No Change; No Repair Needed; Good; 57257
GRNVLY56	11/19/2014 9:17	56.8	34.6	0.2	8.4	-12.51		77	0		-14.37	No Change; No Repair Needed; Good
GRNVLY56	12/5/2014 8:40	56.8	37.1	0	6.1	-16.01		83	32		-18.3	No Change; No Repair Needed; Good
GRNVLY56	12/18/2014 8:43	57.7	37.3	0	5	-17.9		75	8		-19.46	No Change; No Repair Needed; Good; 59805
GRNVLY56	1/8/2015 9:14	56.5	35.5	0.4	7.6	-21.05		74	19		-3.8	No Change; No Repair Needed; Fair; 60609

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY56	1/22/2015 8:36	57.6	37	0.1	5.3	-22.78		84	6		-25.51	No Change; No Repair Needed; Fair; force main restricted
GRNVLY56	2/3/2015 8:55	57.9	36.8	0.1	5.2	-23.12		78	19		-25.9	No Change; No Repair Needed; Fair; 62086; force main restricted
GRNVLY56	3/3/2015 9:07	58	35.7	0.1	6.2	-16.09		77	8		-18.26	No Change; No Repair Needed; Good; 63197; force main restricted
GRNVLY56	3/18/2015 8:43	59.7	36	0.4	3.9	-17.95		74	7		-17.95	No Change; No Repair Needed; Fair; 63812; force main restricted
GRNVLY56	4/2/2015 8:46	47.4	28.7	4.2	19.7	-23.04		80	8		-22.83	No Change; No Repair Needed; Fair; 64520; force main restricted
GRNVLY56	4/17/2015 10:59	52.1	35	2.7	10.2	-20.28		89	20		-20.37	No Change; Pump Maintenance Required; Good; 65012
GRNVLY56	5/5/2015 9:10	53.4	35.1	1.7	9.8	-26.88		87	20		-26.97	No Change; No Repair Needed; Good; 65991
GRNVLY56	6/1/2015 10:32	51.3	35.4	2.5	10.8	-23.47		89	40		-26.54	No Change; No Repair Needed; Good; 67183
GRNVLY56	6/16/2015 10:31	56.1	38.7	1	4.2	-19.28		95	38		-21.75	No Change; No Repair Needed; Good; 91165
GRNVLY56	7/2/2015 9:15	60.4	39.6	0	0	-17.17		87	0		-17.61	No Change; No Repair Needed; Good; 93202
GRNVLY56	7/27/2015 11:03	56.3	34.2	1.1	8.4	-25.15		94	0		-26.59	No Change; No Repair Needed; Good; 104095
GRNVLY57	7/14/2014 10:03	44.3	35.3	0	20.4	-23.14	-21.11	98	18	10	-26.78	Slightly Closed; No Repair Needed; Good; 10098
GRNVLY57	7/14/2014 10:04	43.9	34.2	0.1	21.8	-19.3	-19.3	98	9	10	-26.39	2nd Reading; No Repair Needed; Good
GRNVLY57	7/28/2014 9:45	45.9	35.3	0	18.8	-15.36	-14.41	97	12	9	-26.93	Slightly Closed; No Repair Needed; Good; 10209
GRNVLY57	7/28/2014 9:46	45.9	34.7	0	19.4	-12.64	-12.64	96	5	6	-26.93	2nd Reading; No Repair Needed; Good
GRNVLY57	8/12/2014 8:39	55.8	36.7	0	7.5	-7.29	-7.59	95	8	7	-26.24	Slightly Open; No Repair Needed; Good; 10299
GRNVLY57	8/12/2014 8:40	55.5	36.9	0	7.6	-7.98	-7.98	96	11	12	-26.67	2nd Reading; No Repair Needed; Good
GRNVLY57	8/27/2014 8:17	53.8	35.6	0	10.6	-9.92	-9.92	97	10	10	-25.94	No Change; No Repair Needed; Good; 10410
GRNVLY57	9/10/2014 9:40	54.7	36.1	0	9.2	-10.05	-10.7	97	10	10	-26.72	Slightly Open; No Repair Needed; Good; 10446
GRNVLY57	9/10/2014 9:42	54.5	37.1	0	8.4	-11.39	-11.39	98	12	13	-27.02	2nd Reading; No Repair Needed; Good
GRNVLY57	9/25/2014 8:18	50.1	35	0	14.9	-13.4	-13.14	95	16	13	-27.32	No Change; No Repair Needed; Good; 10446
GRNVLY57	10/9/2014 9:40	50.8	34.4	0	14.8	-13.72	-13.72	94	16	13	-27.36	No Change; No Repair Needed; Good; 10446
GRNVLY57	10/23/2014 8:33	51.7	34.7	0.1	13.5	-13.93		91	11		-27.06	No Change; No Repair Needed; Good; 10446
GRNVLY57	11/5/2014 8:27	50.5	33.4	0	16.1	-12.94		93	15		-27.23	No Change; No Repair Needed; Good; 10875
GRNVLY57	11/19/2014 9:08	53.8	34.1	0.3	11.8	-9.97		84	7		-16.88	No Change; No Repair Needed; Good; 11076
GRNVLY57	12/5/2014 8:31	57.6	35.6	0.1	6.7	-7.51		88	10		-16.23	No Change; No Repair Needed; Good; 11491
GRNVLY57	12/18/2014 8:36	57.8	36.6	0	5.6	-10.66		87	14		-21.19	No Change; No Repair Needed; Good; 11721
GRNVLY57	1/8/2015 9:03	51.3	34	0.5	14.2	-14.41		86	12		-24.43	No Change; No Repair Needed; Good; 11949
GRNVLY57	1/22/2015 8:28	54.4	34.5	0	11.1	-15.62	-16.13	91	12	13	-25.21	Slightly Open; No Repair Needed; Good; 12209
GRNVLY57	1/22/2015 8:29	54.2	35.2	0	10.6	-17.17		92	15		-24.82	2nd Reading; No Repair Needed; Good
GRNVLY57	2/3/2015 8:46	54.9	35.7	0	9.4	-19.5	-20.28	90	12	15	-26.93	Slightly Open; No Repair Needed; Good; 12424
GRNVLY57	2/3/2015 8:46	54.3	35.7	0	10	-20.97		91	16		-26.89	2nd Reading; No Repair Needed; Good
GRNVLY57	3/3/2015 8:58	60.1	35	0	4.9	-14.84	-15.75	90	20	24	-18.3	Slightly Open; No Repair Needed; Good; 12951
GRNVLY57	3/3/2015 8:59	60.5	35.3	0	4.2	-16.31		91	38		-18.3	2nd Reading; No Repair Needed; Good
GRNVLY57	3/18/2015 8:35	59.9	35.3	0.4	4.4	-17.08		88	31		-18.17	No Change; No Repair Needed; Good; 13244
GRNVLY57	4/2/2015 8:38	47.7	30	1.8	20.5	-21.05		92	0		-22.87	No Change; No Repair Needed; Good; 13596
GRNVLY57	4/17/2015 10:51	59.5	35.6	0	4.9	-19.24		93	13		-20.07	No Change; No Repair Needed; Good; 13845
GRNVLY57	5/5/2015 9:03	48.4	34.1	0.1	17.4	-25.15		95	13		-27.28	No Change; No Repair Needed; Good; 14388
GRNVLY57	5/20/2015 10:17	46.8	32.4	0	20.8	-22.82	-21.87	95	16	12	-26.63	Slightly Closed; No Repair Needed; Good; 14639

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY57	5/20/2015 10:18	47	32.5	0	20.5	-19.59		94	10		-26.67	2nd Reading; No Repair Needed; Good
GRNVLY57	6/1/2015 10:22	49	32.1	0	18.9	-13.63		92	13		-26.41	No Change; No Repair Needed; Good; 14883
GRNVLY57	6/16/2015 10:21	47.3	33.3	0	19.4	-12.38	-12.08	96	22	11	-22.05	Slightly Closed; No Repair Needed; Good; 15148
GRNVLY57	6/16/2015 10:22	48.4	33.7	0	17.9	-11.69		96	10		-22.14	2nd Reading; No Repair Needed; Good
GRNVLY57	7/2/2015 9:04	54.1	35.3	0	10.6	-9.58	-10.27	92	7	11	-19.68	Slightly Open; No Repair Needed; Good; 15389
GRNVLY57	7/2/2015 9:05	54.1	36.4	0	9.5	-11		93	35		-19.03	2nd Reading; No Repair Needed; Good
GRNVLY57	7/27/2015 10:56	49.5	32.6	2.3	15.6	-12.34		92	12		-19.34	No Change; Pump Maintenance Required; Fair; 324727
GRNVLY58	7/14/2014 9:59	59.9	35.6	0	4.5	-1.36	-1.98	103	37	19	-26.82	Slightly Open; No Repair Needed; Good; 291
GRNVLY58	7/14/2014 10:00	59.9	38.1	0	2	-2.36	-2.31	105	19	19	-26.17	2nd Reading; No Repair Needed; Good
GRNVLY58	7/28/2014 9:41	59.2	36.6	0.2	4	-3.51	-3.69	104	19	19	-26.63	Slightly Open; No Repair Needed; Good; 291
GRNVLY58	7/28/2014 9:42	59	37.8	0.2	3	-4.13	-4.16	105	19	22	-26.93	2nd Reading; No Repair Needed; Good
GRNVLY58	8/12/2014 8:35	57.2	35.1	0.3	7.4	-4.95	-6.26	105	21	27	-26.97	Slightly Open; No Repair Needed; Good; 292
GRNVLY58	8/12/2014 8:36	57.1	35.8	0.3	6.8	-6.95	-6.95	105	26	26	-26.63	2nd Reading; No Repair Needed; Good
GRNVLY58	8/27/2014 8:14	54	34	0.6	11.4	-8.54	-8.24	105	26	24	-26.67	No Change; No Repair Needed; Good; 292
GRNVLY58	9/10/2014 9:37	55.7	35.1	0.5	8.7	-8.11	-8.67	105	24	34	-26.93	Slightly Open; No Repair Needed; Good; 292
GRNVLY58	9/10/2014 9:38	55.3	35.7	0.5	8.5	-9.36	-9.36	105	29	34	-27.15	2nd Reading; No Repair Needed; Good
GRNVLY58	9/25/2014 8:16	52.3	35.3	0.7	11.7	-10.04	-10.04	103	29	34	-26.68	No Change; No Repair Needed; Good; 292
GRNVLY58	10/9/2014 9:38	52.3	34.2	0.7	12.8	-9.92	-9.62	104	28	31	-25.25	No Change; No Repair Needed; Good; 293
GRNVLY58	10/23/2014 8:30	53.2	34.7	0.7	11.4	-9.66		103	31		-26.85	No Change; No Repair Needed; Good; 293
GRNVLY58	11/5/2014 8:25	51.1	34	0.9	14	-9.32		103	31		-27.15	No Change; No Repair Needed; Good; 303
GRNVLY58	11/19/2014 9:06	53.4	34.3	1.1	11.2	-8.63		101	26		-26.85	No Change; No Repair Needed; Good; 303
GRNVLY58	12/5/2014 8:29	55	33.4	0.8	10.8	-5.48		102	24		-16.23	No Change; No Repair Needed; Good; 303
GRNVLY58	12/18/2014 8:33	57	34.7	0.8	7.5	-7.2		101	20		-19.59	No Change; No Repair Needed; Good; 303
GRNVLY58	1/8/2015 9:01	53.3	33.5	1.1	12.1	-8.24		98	26		-24.56	No Change; No Repair Needed; Good; 303
GRNVLY58	1/22/2015 8:25	53.7	34.4	1.3	10.6	-9.23		99	31		-24.43	No Change; No Repair Needed; Good; 303
GRNVLY58	2/3/2015 8:43	55.9	35.2	1.1	7.8	-9.92		99	23		-27.06	No Change; No Repair Needed; Good; 303
GRNVLY58	3/3/2015 8:54	59.3	34.2	0.6	5.9	-4.98	-6.43	98	22	28	-18.56	Slightly Open; No Repair Needed; Good; 514
GRNVLY58	3/3/2015 8:55	59.5	35.2	0.6	4.7	-7.46		99	31		-18.43	2nd Reading; No Repair Needed; Good
GRNVLY58	3/18/2015 8:32	59.8	34.7	0.8	4.7	-10.96	-11.69	98	20	29	-18.13	Slightly Open; No Repair Needed; Good; 1099
GRNVLY58	3/18/2015 8:33	59.8	35	0.7	4.5	-12.51		98	26		-18.69	2nd Reading; No Repair Needed; Good
GRNVLY58	4/2/2015 8:36	53.7	31.1	1.2	14	-15.57		99	23		-23.09	No Change; No Repair Needed; Good; 2327
GRNVLY58	4/17/2015 10:47	60.8	35.6	0	3.6	-15.62	-16.48	99	29	36	-20.59	Slightly Open; No Repair Needed; Good; 2950
GRNVLY58	4/17/2015 10:48	61.1	35.7	0	3.2	-16.78		100	34		-20.76	2nd Reading; No Repair Needed; Good
GRNVLY58	5/5/2015 9:01	53	34.7	0.1	12.2	-21.18		99	40		-27.71	No Change; No Repair Needed; Good; 3346
GRNVLY58	5/20/2015 10:14	49.4	33.1	0.2	17.3	-20.28		100	42		-27.62	No Change; No Repair Needed; Good; 3625
GRNVLY58	6/1/2015 10:18	47.4	32.6	0.3	19.7	-20.02	-19.76	99	38	41	-27.06	Slightly Closed; No Repair Needed; Good; 3636
GRNVLY58	6/1/2015 10:19	47.3	32.1	0.3	20.3	-19.59		99	35		-27.02	2nd Reading; No Repair Needed; Good
GRNVLY58	6/16/2015 10:18	50.4	34.3	0.2	15.1	-15.83		100	39		-23.18	No Change; No Repair Needed; Good; 3636
GRNVLY58	7/2/2015 9:01	51.6	35.2	0.2	13	-18.21		99	41		-26.24	No Change; No Repair Needed; Good; 3636
GRNVLY58	7/27/2015 10:52	56.3	35.6	0.2	7.9	-14.24	-14.75	100	35	38	-19.34	Slightly Open; No Repair Needed; Good; 4159
GRNVLY58	7/27/2015 10:53	56.2	36.2	0.2	7.4	-15.1		100	35		-19.68	2nd Reading; No Repair Needed; Good
GRNVLY61	7/14/2014 9:51	69.4	24.6	0.3	5.7	-24.47	-24.47	95	12	9	-26.35	No Change; No Repair Needed; Good
GRNVLY61	7/28/2014 9:33	66	24.7	0.2	9.1	-26.57	-26.49	94	10	10	-26.46	No Change; No Repair Needed; Good
GRNVLY61	8/12/2014 8:25	63	23.4	0	13.6	-26.66	-26.96	94	11	10	-26.59	No Change; No Repair Needed; Good

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY61	8/27/2014 8:06	66.4	25	0.1	8.5	-26.83	-26.92	99	13	14	-26.15	No Change; No Repair Needed; Good
GRNVLY61	9/10/2014 9:27	60.1	22.9	0	17	-26.92	-26.66	93	11	10	-26.93	No Change; No Repair Needed; Good
GRNVLY61	9/25/2014 8:08	57.4	28.1	0	14.5	-27.19	-27.19	87	8	9	-27.02	No Change; No Repair Needed; Good
GRNVLY61	10/9/2014 9:29	57.6	27.3	0.1	15	-26.83	-26.83	83	35	36	-26.93	No Change; No Repair Needed; Good
GRNVLY61	10/23/2014 8:23	55.1	28.3	0	16.6	-26.57		86	24		-26.72	No Change; No Repair Needed; Good
GRNVLY61	11/5/2014 8:16	52.7	25.1	0	22.2	-26.88		75	22		-26.93	No Change; No Repair Needed; Good
GRNVLY61	11/19/2014 8:56	54.4	28	0.1	17.5	-26.92		61	6		-26.67	No Change; No Repair Needed; Good
GRNVLY61	12/5/2014 8:20	57.5	32.3	0.5	9.7	-16.74		56	7		-16.88	No Change; No Repair Needed; Good
GRNVLY61	12/18/2014 8:25	63.3	25.2	0.3	11.2	-20.41		46	9		-20.37	No Change; Pump Maintenance Required; Good
GRNVLY61	1/8/2015 8:53	52.1	26.4	0.5	21	-23.04		40	0		-23.13	No Change; No Repair Needed; Good
GRNVLY61	1/22/2015 8:17	54.1	29.6	0.2	16.1	-25.45		49	17		-25.51	No Change; No Repair Needed; Good
GRNVLY61	2/3/2015 8:31	51.9	26.2	0.1	21.8	-26.53		42	11		-26.33	No Change; No Repair Needed; Good
GRNVLY61	3/3/2015 8:45	42.9	19.8	6.8	30.5	-18.21	-15.53	41	6	0	-18.3	Slightly Closed; No Repair Needed; Fair
GRNVLY61	3/3/2015 8:46	44.5	16.6	6.8	32.1	-14.02		41	6		-18.26	2nd Reading; No Repair Needed; Fair
GRNVLY61	3/18/2015 8:22	34	13.5	10.9	41.6	-14.97	-13.76	41	0	0	-17.74	Slightly Closed; No Repair Needed; Fair
GRNVLY61	3/18/2015 8:23	34.5	12.5	11	42	-11.65		41	0		-18.21	2nd Reading; No Repair Needed; Fair
GRNVLY61	4/2/2015 8:28	68.6	26.9	1.1	3.4	-6.82		58	0		-22.49	No Change; No Repair Needed; Good
GRNVLY61	5/5/2015 8:53	59.5	32.5	3	5	-14.8		75	19		-26.93	No Change; No Repair Needed; Good
GRNVLY61	5/20/2015 10:06	63.8	32.4	0.9	2.9	-25.8		72	0		-26.63	No Change; No Repair Needed; Good
GRNVLY61	6/1/2015 10:10	54.9	36	1.9	7.2	-26.49		62	11		-26.59	No Change; No Repair Needed; Good
GRNVLY61	6/16/2015 10:10	62.6	29.9	0.7	6.8	-22		90	10		-21.97	No Change; No Repair Needed; Good
GRNVLY61	7/2/2015 8:52	37.1	19.3	8.1	35.5	-18.16	-17.99	72	11	7	-18	Slightly Closed; Pump Maintenance Required; Fair
GRNVLY61	7/2/2015 8:53	49.1	26.1	4.7	20.1	-18.21		71	6		-18.17	2nd Reading; Pump Maintenance Required; Fair
GRNVLY61	7/27/2015 10:42	0.9	0.4	19.9	78.8	-25.19	-25.15	82	0	0	-25.55	Slightly Closed; No Repair Needed; Fair
GRNVLY61	7/27/2015 10:43	0.6	0.2	20	79.2	-26.53		82	6		-26.59	2nd Reading; No Repair Needed; Fair
GRNVLY62	7/14/2014 9:49	56.4	37.5	0.4	5.7	-26.58	-26.54	79	5	5	-26.35	No Change; No Repair Needed; Good
GRNVLY62	7/28/2014 9:30	55.5	35.8	0.8	7.9	-26.83	-26.83	75	12	11	-26.63	No Change; No Repair Needed; Good
GRNVLY62	8/12/2014 8:23	54.2	37.1	1.3	7.4	-27.01	-27.01	79	7	7	-26.28	No Change; No Repair Needed; Good; needs pump
GRNVLY62	8/27/2014 8:03	53.8	34.4	1.3	10.5	-26.96	-26.92	74	7	8	-25.85	No Change; No Repair Needed; Fair; needs pump
GRNVLY62	9/10/2014 9:25	51	36.1	1.9	11	-27.01	-26.96	85	7	7	-26.93	No Change; No Repair Needed; Good
GRNVLY62	9/25/2014 8:06	53.3	40.2	0.4	6.1	-26.84	-26.84	74	10	13	-26.33	No Change; No Repair Needed; Good
GRNVLY62	10/9/2014 9:27	53.7	37.1	1.3	7.9	-26.83	-26.88	73	10	10	-26.93	No Change; No Repair Needed; Good
GRNVLY62	10/23/2014 8:21	55.4	40.4	0.2	4	-26.53		65	10		-26.37	No Change; No Repair Needed; Good
GRNVLY62	11/5/2014 8:14	51.2	38	0.4	10.4	-26.92		64	9		-26.93	No Change; No Repair Needed; Good
GRNVLY62	11/19/2014 8:54	54.4	36.4	0.9	8.3	-26.96		41	7		-26.97	No Change; No Repair Needed; Good
GRNVLY62	12/5/2014 8:18	56.4	34.7	0.5	8.4	-16.78		48	9		-16.57	No Change; No Repair Needed; Good
GRNVLY62	12/18/2014 8:23	51.2	33.1	2.7	13	-19.76		31	12		-19.68	No Change; Pump Maintenance Required; Good
GRNVLY62	1/8/2015 8:49	40	28.3	6.4	25.3	-23.04	-22	5	0	0	-23.48	Slightly Closed; No Repair Needed; Fair
GRNVLY62	1/8/2015 8:50	40.6	29.1	6.3	24	-16.82		5	0		-23.31	2nd Reading; No Repair Needed; Fair
GRNVLY62	1/22/2015 8:15	49.1	36.8	4.4	9.7	-25.45		36	6		-25.25	No Change; No Repair Needed; Fair
GRNVLY62	2/3/2015 8:29	49.7	32.8	3.3	14.2	-19.93		26	12		-27.62	No Change; No Repair Needed; Good
GRNVLY62	3/3/2015 8:42	49.5	31.3	4.1	15.1	-17.64		32	11		-18.3	No Change; No Repair Needed; Good
GRNVLY62	3/18/2015 8:19	39.6	27.7	7	25.7	-15.62	-15.27	32	0	0	-17.87	Slightly Closed; Pump Maintenance Required; Fair
GRNVLY62	3/18/2015 8:20	39.2	27.4	7.2	26.2	-12.04		32	0		-17.91	2nd Reading; No Repair Needed; Fair
GRNVLY62	3/18/2015 11:50	60.2	39.6	0	0.2	6.3	-0.19	52	7	0	-18.34	Slightly Open; No Repair Needed; Fair

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY62	3/18/2015 11:51	58.9	39.6	0.2	1.3	-5.78		52	17		-17.78	2nd Reading; No Repair Needed; Good
GRNVLY62	4/2/2015 8:26	46.7	30.9	4.3	18.1	-18.55		58	0		-22.53	No Change; No Repair Needed; Fair
GRNVLY62	4/17/2015 10:36	46.2	30.4	4.6	18.8	-15.27		74	22		-20.41	No Change; Pump Maintenance Required; Fair; valve barely cracked
GRNVLY62	5/5/2015 8:51	52.3	27.4	2.9	17.4	-4.06		73	19		-26.93	No Change; No Repair Needed; Good
GRNVLY62	5/20/2015 10:04	54.5	33.3	2.1	10.1	-0.38		74	2		-26.59	No Change; No Repair Needed; Good
GRNVLY62	6/1/2015 10:07	58.3	41.7	0	0	28.39	-0.53	70	10	11	-26.37	Slightly Open; No Repair Needed; Good
GRNVLY62	6/1/2015 10:08	58.5	41.5	0	0	-5.44		74	9		-26.24	2nd Reading; No Repair Needed; Good
GRNVLY62	6/16/2015 10:08	59	38.5	0	2.5	12.12	-1.3	90	9	8	-21.75	Slightly Open; No Repair Needed; Good
GRNVLY62	6/16/2015 10:08	59.1	39.9	0	1	-6.21		90	10		-21.32	2nd Reading; No Repair Needed; Good
GRNVLY62	7/2/2015 8:49	55.9	34.2	1.1	8.8	-7.2		81	8		-18.95	No Change; No Repair Needed; Good
GRNVLY62	7/27/2015 10:40	54.9	36.3	0.7	8.1	-6.17		87	7		-19.34	No Change; No Repair Needed; Good
GRNVLY7R	7/14/2014 12:26	45.6	32.3	0.4	21.7	-13.83	-12.15	122	50	28	-17.09	Slightly Closed; No Repair Needed; Good; 32870
GRNVLY7R	7/14/2014 12:26	46.7	34.3	0.3	18.7	-11.37	-11.37	121	25	25	-16.75	2nd Reading; No Repair Needed; Good
GRNVLY7R	7/28/2014 11:21	37	32.5	1	29.5	-12.34	-9.23	131	21	0	-17.26	Slightly Closed; No Repair Needed; Fair; 50865; well influence
GRNVLY7R	7/28/2014 11:22	33.8	31.4	3.3	31.5	-8.54	-8.58	122	0	0	-16.57	2nd Reading; No Repair Needed; Fair; well influence
GRNVLY7R	8/12/2014 10:34	37.6	26.7	3.1	32.6	-7.64	-7.64	109	5	5	-17.65	No Change; No Repair Needed; Fair; valve barely cracked; 67873
GRNVLY7R	8/27/2014 10:03	43.7	28.9	2	25.4	-7.51	-7.55	119	5	5	-14.76	No Change; No Repair Needed; Fair; 82492; valve barely cracked
GRNVLY7R	9/10/2014 11:19	39.9	30.4	1.6	28.1	-9.02	-8.97	112	12	11	-17.87	No Change; No Repair Needed; Good; 99308
GRNVLY7R	9/25/2014 9:43	41	35.7	0.9	22.4	-8.4	-8.32	115	15	5	-12.72	Slightly Closed; No Repair Needed; Good; 115354
GRNVLY7R	9/25/2014 9:44	40.8	34.4	0.9	23.9	-8.36	-8.36	115	13	8	-16.9	2nd Reading; No Repair Needed; Good
GRNVLY7R	10/9/2014 11:12	46.7	33.6	1	18.7	-8.89	-8.89	113	9	11	-19.16	No Change; No Repair Needed; Good; 130584; well influence
GRNVLY7R	10/23/2014 10:03	38.5	33.4	1.2	26.9	-7.59	-7.55	106	8	4	-13.03	Slightly Closed; No Repair Needed; Fair; 144147; well influence
GRNVLY7R	10/23/2014 10:04	38.8	32.8	1.4	27	-7.2		101	4		-13.21	2nd Reading; No Repair Needed; Fair; well influence
GRNVLY7R	11/5/2014 10:40	36.2	24.7	1.5	37.6	-8.58		111	10		-19.34	No Change; No Repair Needed; Fair; 155540; well influence
GRNVLY7R	11/19/2014 10:50	37.5	29.5	1.9	31.1	-7.25		72	0		-19.16	No Change; No Repair Needed; Fair; valve barely cracked; well influence
GRNVLY7R	12/5/2014 10:03	51.9	33.7	0.2	14.2	-6.47		72	6		-14.07	No Change; No Repair Needed; Good; 181281
GRNVLY7R	12/18/2014 9:59	53.3	35.8	0.8	10.1	-7.59		66	4		-15.71	No Change; No Repair Needed; Good; 193730
GRNVLY7R	1/22/2015 10:15	47.7	34.6	0.5	17.2	-10.66		70	5		-17.52	No Change; No Repair Needed; Fair; 213038; barely cracked
GRNVLY7R	2/3/2015 10:28	46.6	35.3	0.8	17.3	-12.34		68	10		-21.15	No Change; No Repair Needed; Good; 224133; well influence
GRNVLY7R	3/3/2015 10:37	54.2	35.6	0	10.2	-6.47		67	5		-14.11	No Change; No Repair Needed; Good; 253020
GRNVLY7R	3/18/2015 10:08	52.6	33.8	0.9	12.7	-8.28		76	0		-16.62	No Change; No Repair Needed; Good
GRNVLY7R	4/2/2015 10:10	48.4	32.8	1.2	17.6	-8.89		85	0		-16.44	No Change; No Repair Needed; Good; 299421; well influence
GRNVLY7R	4/17/2015 12:49	52.7	33	0.3	14	-9.58		90	4		-16.18	No Change; No Repair Needed; Good; 319138
GRNVLY7R	5/5/2015 10:33	52.2	33	0.2	14.6	-11.39		98	5		-20.41	No Change; No Repair Needed; Good; 354989

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY7R	5/20/2015 13:02	48	31.9	0.5	19.6	-9.58		95	1		-18.34	No Change; No Repair Needed; Good; 379659
GRNVLY7R	6/1/2015 12:43	48	32.8	0.4	18.8	-9.97		94	7		-21.41	No Change; No Repair Needed; Good; 399845
GRNVLY7R	6/16/2015 13:11	50.3	34.2	0.1	15.4	-7.25		103	4		-15.88	No Change; No Repair Needed; Good; 424078
GRNVLY7R	7/2/2015 12:44	50.8	34.8	0.1	14.3	-8.93		87	4		-20.37	No Change; No Repair Needed; Good; 445674
GRNVLY7R	7/27/2015 13:22	40.2	30.3	3.5	26	-8.58	-8.54	96	0	0	-21.71	Slightly Closed; No Repair Needed; Fair; 452974; well influence
GRNVLY7R	7/27/2015 13:23	40	29	3.9	27.1	-8.54		97	0		-12.43	2nd Reading; No Repair Needed; Fair
GRNVLYP1	8/26/2014 9:45	0	7.5	13.3	79.2	0						
GRNVLYP1	12/8/2014 8:42	0	7.9	9.5	82.6	0						No Change; No Repair Needed; Good
GRNVLYP1	3/9/2015 9:49	0	2.4	11.6	86	0.01						No Change; No Repair Needed; Good
GRNVLYP1	5/12/2015 9:44	0	1.2	14.2	84.6	-0.03						No Change; No Repair Needed; Good
GRNVLYP2	8/26/2014 10:11	0	0.6	20	79.4	0						
GRNVLYP2	12/8/2014 8:47	0	4.7	19.9	75.4	0						No Change; No Repair Needed; Good
GRNVLYP2	3/9/2015 9:30	0	0.5	21.6	77.9	0						No Change; No Repair Needed; Good
GRNVLYP2	5/12/2015 9:28	0	0.7	16.7	82.6	0						No Change; No Repair Needed; Good
GRNVLYP3	8/26/2014 10:19	0	0.2	20.8	79	0						
GRNVLYP3	12/8/2014 8:53	0	1.4	20.3	78.3	0						No Change; No Repair Needed; Good
GRNVLYP3	3/9/2015 9:41	0	4.3	6.5	89.2	-0.01						No Change; No Repair Needed; Good
GRNVLYP3	5/12/2015 9:36	0	1	17.8	81.2	0						No Change; No Repair Needed; Good
GRNVLYP4	8/26/2014 10:01	0	1.3	20.4	78.3	0						
GRNVLYP4	12/8/2014 9:01	0	0.1	21.5	78.4	0						No Change; No Repair Needed; Good
GRNVLYP4	3/9/2015 9:19	0	1.2	21	77.8	0						No Change; No Repair Needed; Good
GRNVLYP4	5/12/2015 9:17	0	2	20.5	77.5	-0.01						No Change; No Repair Needed; Good
GRNVBOT2	7/14/2014 9:06	49	34.8	1	15.2	3.1	3.29	81	360	360	0.26	No Change; No Repair Needed; Good
GRNVBOT2	7/28/2014 8:39	46	33.8	1.6	18.6	0.98	0.77	76	160	160	0	No Change; No Repair Needed; Good
GRNVBOT2	7/28/2014 14:34	45.8	32.7	1.7	19.8	-0.03	-0.03	81	130	130	0	No Change; No Repair Needed; Good
GRNVBOT2	8/12/2014 7:27	47.8	33.5	1.7	17	1.06	1.02	80	180	180	0	No Change; No Repair Needed; Good
GRNVBOT2	8/27/2014 7:12	49.2	33.2	1.6	16	1.42	1.59	74	220	220	0.04	No Change; No Repair Needed; Good
GRNVBOT2	8/27/2014 12:45	49.5	34	1.5	15	4.33	4.41	97	430	430	0	No Change; No Repair Needed; Good
GRNVBOT2	9/10/2014 8:43	50.6	34.9	0.9	13.6	1.46	1.66	79	220	220	0	No Change; No Repair Needed; Good
GRNVBOT2	9/25/2014 7:14	48.8	34.8	1.3	15.1	0.27	0.21	62	210	210	0	No Change; No Repair Needed; Good
GRNVBOT2	9/25/2014 11:50	49	35	1.1	14.9	0.04	0.04	100	240	240	0	No Change; No Repair Needed; Good
GRNVBOT2	10/9/2014 8:40	51.2	33.8	1.2	13.8	0.24	0.31	83	230	230	0	No Change; No Repair Needed; Good
GRNVBOT2	10/23/2014 12:28	48.4	33.3	1.2	17.1	0.33	0.35	81	260	260	-0.04	No Change; No Repair Needed; Good
GRNVBOT2	11/5/2014 7:21	47.3	33.3	1.1	18.3	1.11	1.06	81	250	250	0	No Change; No Repair Needed; Good
GRNVBOT2	11/19/2014 7:55	50.3	32.6	1.2	15.9	0.53	0.48	56	240	240	-0.04	No Change; No Repair Needed; Good
GRNVBOT2	12/5/2014 10:43											Manually entered; NIU
GRNVBOT2	12/5/2014 10:43											Manually entered; NIU
GRNVBOT2	1/22/2015 10:33											Manually entered; NIU
GRNVBOT2	2/3/2015 10:56											Manually entered; NIU
GRNVBOT2	3/3/2015 11:17											Manually entered; NIU
GRNVBOT2	4/2/2015 10:05											Manually entered; NIU
GRNVBOT2	5/5/2015 7:47	51.1	31.5	1.6	15.8	0.1	0.14	82	230	230	-0.04	No Change; No Repair Needed; Good
GRNVBOT2	5/20/2015 9:01	46.4	29.7	2.6	21.3	0.04	0.1	88	170	170	0.17	No Change; No Repair Needed; Good
GRNVBOT2	5/20/2015 14:08	51.3	32.8	1.1	14.8	0.1	0.18	95	240	240	-0.04	No Change; No Repair Needed; Good

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVBOT2	6/1/2015 9:01	48.1	31.2	1.6	19.1	0.07	0.1	88	200	200	0	No Change; No Repair Needed; Good
GRNVBOT2	7/15/2015 8:58	42.8	27.9	4.9	24.4	6.95	6.6	95	0	0	-0.04	No Change; No Repair Needed; Fair; flow meter not operational
GRNVBOT2	7/15/2015 9:25	56.3	35.2	0.8	7.7	4.95	4.73	78	0	0	-0.04	No Change; No Repair Needed; Good
GRNVBOT2	7/15/2015 9:59	55.4	35.5	0.8	8.3	4.81	4.87	95	0	0	0.04	No Change; No Repair Needed; Good; flow meter not operational
GRNVCO02	7/14/2014 10:33	45.2	29.1	2.9	22.8	-24	-21.03	79	10	11	-26.73	Slightly Closed; No Repair Needed; Good
GRNVCO02	7/14/2014 10:34	45.5	30.4	2.9	21.2	-15.86	-15.55	79	9	8	-26.17	2nd Reading; No Repair Needed; Good
GRNVCO02	7/28/2014 10:11	51.2	32.5	1.5	14.8	-12.3	-12.3	79	6	6	-26.93	No Change; No Repair Needed; Good
GRNVCO02	8/12/2014 9:11	55.3	32.4	0.5	11.8	-14.84	-14.88	85	8	12	-26.97	No Change; No Repair Needed; Good
GRNVCO02	8/27/2014 8:45	60.6	33.9	0	5.5	-14.06	-17.52	80	13	8	-26.59	Slightly Open; No Repair Needed; Good
GRNVCO02	8/27/2014 8:46	62.4	36.2	0	1.4	-20.32	-20.28	81	12	15	-26.5	2nd Reading; No Repair Needed; Good
GRNVCO02	9/10/2014 10:14	62.8	35.5	0	1.7	-25.19	-25.19	85	13	7	-27.02	No Change; No Repair Needed; Good
GRNVCO02	9/25/2014 8:44	62.6	35.6	0	1.8	-23.78	-23.74	73	12	9	-26.5	No Change; No Repair Needed; Good
GRNVCO02	10/9/2014 10:08	62	33.3	0.1	4.6	-23.73	-23.73	69	10	13	-26.93	No Change; No Repair Needed; Good
GRNVCO02	10/23/2014 8:58	53.7	32.8	0.5	13	-24.12		55	12		-26.67	No Change; No Repair Needed; Good
GRNVCO02	11/5/2014 8:51	54.2	32	0.5	13.3	-24.16		54	10		-26.93	No Change; No Repair Needed; Good
GRNVCO02	11/19/2014 9:35	55.1	29.6	1.4	13.9	-12.08		33	8		-13.42	No Change; No Repair Needed; Good
GRNVCO02	12/5/2014 9:03	57.3	32.7	0.2	9.8	-17.56		44	6		-18.69	No Change; No Repair Needed; Good
GRNVCO02	12/18/2014 9:01	57.8	30.4	0.4	11.4	-19.28		33	10		-20.11	No Change; No Repair Needed; Good
GRNVCO02	1/8/2015 9:35	56.5	34.4	0.5	8.6	-23.04		14	0		-23.56	No Change; No Repair Needed; Fair
GRNVCO02	1/22/2015 8:53	57.7	37.3	0.7	4.3	-25.15		41	8		-25.55	No Change; No Repair Needed; Fair
GRNVCO02	2/3/2015 9:15	57.5	31.2	1.2	10.1	-27.52		27	10		-27.97	No Change; No Repair Needed; Good
GRNVCO02	3/3/2015 9:26	57.2	27.8	2.1	12.9	-18.46		36	11		-18.3	No Change; No Repair Needed; Good
GRNVCO02	3/18/2015 9:02	51	27	3.5	18.5	-18.12		44	0		-18.17	No Change; No Repair Needed; Fair
GRNVCO02	4/2/2015 9:03	58.7	29.4	1.7	10.2	-22.35		63	0		-23.22	No Change; No Repair Needed; Good
GRNVCO02	5/5/2015 9:26	57.3	28.4	1.7	12.6	-26.88		87	5		-26.63	No Change; No Repair Needed; Good
GRNVCO02	6/1/2015 10:44	53.8	27	2.3	16.9	-26.53		66	8		-26.59	No Change; No Repair Needed; Good
GRNVCO02	7/2/2015 9:30	48.9	28.5	4	18.6	-19.59		71	4		-19.46	No Change; No Repair Needed; Fair
GRNVLBIN	7/14/2014 9:02	49	34.2	1	15.8	-27.57	-27.23	85	1000	1000	0.26	No Change; No Repair Needed; Good
GRNVLBIN	7/14/2014 14:12	47.5	34.2	1.4	16.9	-27.88	-26.84	86	860	860	0.13	No Change; No Repair Needed; Good
GRNVLBIN	7/28/2014 8:35	46.9	31.3	1.7	20.1	-27.26	-26.53	85	840	840	0	No Change; No Repair Needed; Good
GRNVLBIN	7/28/2014 14:31	47.5	30.5	1.8	20.2	-27.26	-26.57	85	810	810	0	No Change; No Repair Needed; Good
GRNVLBIN	8/12/2014 7:23	47.9	31.2	1.8	19.1	-26.92	-27.35	85	760	760	0	No Change; No Repair Needed; Good
GRNVLBIN	8/12/2014 12:52	47.5	33	1.6	17.9	-27.26	-26.57	86	780	780	-0.04	No Change; No Repair Needed; Good
GRNVLBIN	8/27/2014 7:08	49.5	32.9	1.6	16	-27.52	-27.18	85	780	780	0.04	No Change; No Repair Needed; Good
GRNVLBIN	8/27/2014 12:42	49.2	32.4	1.6	16.8	-27.05	-27.74	86	790	790	0	No Change; No Repair Needed; Good
GRNVLBIN	9/10/2014 8:40	50.5	33.6	1.1	14.8	-27.35	-27.26	85	770	770	0	No Change; No Repair Needed; Good
GRNVLBIN	9/10/2014 13:12	50.7	34.1	1	14.2	-26.92	-27.14	85	820	820	0	No Change; No Repair Needed; Good
GRNVLBIN	9/25/2014 7:09	50	31.9	1.5	16.6	-27.88	-26.84	81	670	670	0	No Change; No Repair Needed; Good
GRNVLBIN	9/25/2014 11:46	50.3	32.7	1.2	15.8	-27.96	-26.88	82	700	700	0	No Change; No Repair Needed; Good
GRNVLBIN	10/9/2014 8:37	52.1	32.4	1.3	14.2	-27.18	-27.09	79	660	660	0	No Change; No Repair Needed; Good
GRNVLBIN	10/9/2014 14:13	50.6	33.4	1.2	14.8	-27.61	-27.7	79	710	710	-0.13	No Change; No Repair Needed; Good
GRNVLBIN	10/23/2014 7:29	49.2	33.8	1.2	15.8	-27.61	-27.26	76	700	700	-0.04	No Change; No Repair Needed; Good
GRNVLBIN	10/23/2014 12:26	49.1	32.8	1.2	16.9	-27.22	-26.96	76	700	700	0	No Change; No Repair Needed; Good

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLBIN	11/5/2014 7:18	48.1	31.8	1.3	18.8	-27.26	-27.91	73	700	700	0	No Change; No Repair Needed; Good
GRNVLBIN	11/5/2014 13:41	47.5	32.3	1.2	19	-27.14	-27.31	74	710	710	-0.04	No Change; No Repair Needed; Good
GRNVLBIN	11/19/2014 7:51	50.3	31.9	1.4	16.4	-26.96	-26.92	65	650	650	-0.04	No Change; No Repair Needed; Good
GRNVLBIN	11/19/2014 13:08	51.2	32.4	1.1	15.3	-10.96	-10.96	64	420	420	-0.04	No Change; No Repair Needed; Good
GRNVLBIN	12/5/2014 7:16	55.2	35.2	0.9	8.7	-16.82	-16.82	50	670	670	0	No Change; No Repair Needed; Good
GRNVLBIN	12/5/2014 12:56	55	34.8	0.9	9.3	-17.95	-18.21	55	700	700	-0.04	No Change; No Repair Needed; Good
GRNVLBIN	12/18/2014 7:31	55.6	33.7	1.2	9.5	-21.05	-20.66	43	700	700	0	No Change; No Repair Needed; Good
GRNVLBIN	12/18/2014 12:12	55.3	34.4	1.2	9.1	-19.59	-19.59	49	700	700	0	No Change; No Repair Needed; Good
GRNVLBIN	1/8/2015 7:42	55.8	32.4	1.4	10.4	-23.81	-23.38	20	450	450	0	No Change; No Repair Needed; Good
GRNVLBIN	1/8/2015 11:02	52.9	33.1	2	12	-23.81	-24.55	33	440	440	-0.04	No Change; No Repair Needed; Good
GRNVLBIN	1/22/2015 7:20	51.1	31.6	2	15.3	-29.59	-29.34	42	730	730	0.04	No Change; No Repair Needed; Good
GRNVLBIN	1/22/2015 12:47	52.9	32.8	1.5	12.8	-25.15	-24.89	47	730	730	0	No Change; No Repair Needed; Good
GRNVLBIN	2/3/2015 7:24	51.4	32.4	1.5	14.7	-28.56	-28.6	36	710	710	0	No Change; No Repair Needed; Good
GRNVLBIN	2/3/2015 13:34	49.7	34	1.6	14.7	-26.49	-27.57	52	700	700	0	No Change; No Repair Needed; Good
GRNVLBIN	2/17/2015 10:06	51.5	30.4	2	16.1	-33.78	-31.71	31	430	430	-0.04	No Change; No Repair Needed; Good
GRNVLBIN	2/17/2015 11:26	51.4	30.4	2	16.2	-30.16	-33.43	37	430	430	0	No Change; No Repair Needed; Good
GRNVLBIN	3/3/2015 7:45	55.2	31.6	1.5	11.7	-18.85	-19.11	37	660	660	0	No Change; No Repair Needed; Good
GRNVLBIN	3/3/2015 12:56	56.4	32.7	0.9	10	-14.93	-14.75	44	650	650	0	No Change; No Repair Needed; Good
GRNVLBIN	3/18/2015 7:11	55.2	32.4	1.8	10.6	-18.08	-18.16	37	680	680	0.04	No Change; No Repair Needed; Good
GRNVLBIN	3/18/2015 12:42	56.1	32.9	1.5	9.5	-18.03	-18.29	64	630	630	0	No Change; No Repair Needed; Good
GRNVLBIN	4/2/2015 7:25	51	32.1	1.9	15	-22.04	-23.47	52	720	720	0	No Change; No Repair Needed; Good
GRNVLBIN	4/2/2015 12:46	53.4	33.2	1.2	12.2	-22.35	-23.47	74	660	660	0	No Change; No Repair Needed; Good
GRNVLBIN	4/14/2015 10:00	57.9	33.8	0.4	7.9	-14.28	-13.46	60	530	530	-0.04	No Change; No Repair Needed; Good
GRNVLBIN	4/14/2015 11:13	57.7	33.7	0.4	8.2	-18.85	-18.81	59	630	630	0	No Change; No Repair Needed; Good
GRNVLBIN	4/17/2015 9:21	55.1	33	1	10.9	-23.12	-22.86	67	640	640	0	No Change; No Repair Needed; Good
GRNVLBIN	4/17/2015 14:41	55.6	33.9	1	9.5	-19.67	-19.33	87	660	660	0	No Change; No Repair Needed; Good
GRNVLBIN	5/5/2015 7:45	51.6	31.5	1.6	15.3	-28	-27.22	65	680	680	0	No Change; No Repair Needed; Good
GRNVLBIN	5/5/2015 14:22	51.7	33.5	1.2	13.6	-26.57	-27.09	68	690	690	0	No Change; No Repair Needed; Good
GRNVLBIN	5/20/2015 8:59	46.6	29.3	2.8	21.3	-27.52	-27.61	73	710	710	-0.04	No Change; No Repair Needed; Good
GRNVLBIN	5/20/2015 14:06	51.9	31.3	1.2	15.6	-27.39	-27.26	74	740	740	-0.04	No Change; No Repair Needed; Good
GRNVLBIN	6/1/2015 8:59	48.5	30.4	1.8	19.3	-26.88	-27.87	76	710	710	0	No Change; No Repair Needed; Good
GRNVLBIN	6/1/2015 14:06	49	31.7	1.3	18	-27.26	-26.92	77	740	740	0	No Change; No Repair Needed; Good
GRNVLBIN	6/16/2015 8:53	50.4	33.5	1.3	14.8	-22.17	-22.74	80	720	720	0	No Change; No Repair Needed; Good
GRNVLBIN	6/16/2015 14:30	50.6	33.7	1.1	14.6	-20.15	-20.32	81	750	750	0	No Change; No Repair Needed; Good
GRNVLBIN	7/2/2015 7:40	54.1	34.4	0.9	10.6	-19.76	-19.76	79	660	660	0	No Change; No Repair Needed; Good
GRNVLBIN	7/2/2015 14:22	54.4	35.6	0.7	9.3	-26.92	-27.57	79	820	820	0	No Change; No Repair Needed; Good
GRNVLBIN	7/15/2015 8:56	42.6	27.5	5	24.9	-27.22	-26.88	78	0	0	0	No Change; No Repair Needed; Fair; flow meter not operational
GRNVLBIN	7/15/2015 9:57	55.3	35.6	0.9	8.2	-160.27	-26.92	79	0	0	-157.53	No Change; No Repair Needed; Good
GRNVLBIN	7/27/2015 9:10	53.3	35.2	1	10.5	-20.1	-20.28	80	730	730	0	No Change; No Repair Needed; Good
GRNVLBIN	7/27/2015 15:43	53	34.7	1	11.3	-18.29	-18.33	81	730	730	-0.04	No Change; No Repair Needed; Good
GRNVLBOT	7/14/2014 9:04	48.9	33.9	1	16.2	6.55	5.95	93	640	640	0.26	No Change; No Repair Needed; Good
GRNVLBOT	7/28/2014 8:37	46.2	33.3	1.6	18.9	6.51	6.21	99	680	680	0	No Change; No Repair Needed; Good
GRNVLBOT	7/28/2014 14:33	45.9	32.9	1.7	19.5	7.72	7.59	98	680	680	0	No Change; No Repair Needed; Good
GRNVLBOT	8/12/2014 7:25	47.5	32.9	1.6	18	6	5.39	96	580	580	0	No Change; No Repair Needed; Good

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLBOT	8/27/2014 7:10	49	33.5	1.7	15.8	5.95	6.51	94	560	560	-0.26	No Change; No Repair Needed; Good
GRNVLBOT	8/27/2014 12:44	49.2	33.3	1.5	16	6.77	6.04	108	360	360	0	No Change; No Repair Needed; Good
GRNVLBOT	9/10/2014 8:41	50.5	34.3	1	14.2	5.87	6.34	93	770	770	0	No Change; No Repair Needed; Good
GRNVLBOT	9/25/2014 7:11	49.2	34.1	1.3	15.4	5.9	5.9	92	460	460	0	No Change; No Repair Needed; Good
GRNVLBOT	9/25/2014 11:48	50	34.2	1.1	14.7	5.51	5.86	100	460	460	0	No Change; No Repair Needed; Good
GRNVLBOT	10/9/2014 8:39	51.3	32.8	1.2	14.7	6.26	6.21	84	430	430	0	No Change; No Repair Needed; Good
GRNVLBOT	10/23/2014 7:30	48.1	32.9	1.2	17.8	8.58	8.33	83	700	700	-0.13	No Change; No Repair Needed; Good
GRNVLBOT	10/23/2014 12:29	48.2	34	1.1	16.7	6.6	6.26	87	440	440	0	No Change; No Repair Needed; Good
GRNVLBOT	11/5/2014 7:20	47.5	33.3	1.1	18.1	5.82	6.13	80	450	450	-0.04	No Change; No Repair Needed; Good
GRNVLBOT	11/19/2014 7:53	50.3	32.2	1.3	16.2	6.13	6.21	63	410	410	0	No Change; No Repair Needed; Good
GRNVLBOT	11/19/2014 13:10	50.9	33.8	1.3	14	7.29	7.33	66	420	420	-0.04	No Change; No Repair Needed; Good
GRNVLBOT	12/5/2014 7:18	55.8	34.8	0.8	8.6	-17.04	-16.91	59	670	670	0	No Change; No Repair Needed; Good
GRNVLBOT	12/18/2014 7:32	55.1	34.2	1.1	9.6	-21.44	-21.44	56	700	700	0.04	No Change; No Repair Needed; Good
GRNVLBOT	12/18/2014 12:14	55.5	34.4	1	9.1	-21.01	-20.97	57	700	700	0	No Change; No Repair Needed; Good
GRNVLBOT	1/8/2015 7:44	56.8	32.7	1	9.5	-25.5	-24.5	46	450	450	0	No Change; No Repair Needed; Good
GRNVLBOT	1/22/2015 7:21	51.2	32.6	1.7	14.5	-32.74	-31.36	51	730	730	0	No Change; No Repair Needed; Good
GRNVLBOT	1/22/2015 12:48	52.4	33.4	1.3	12.9	-25.93	-25.5	53	730	730	0.04	No Change; No Repair Needed; Good
GRNVLBOT	2/3/2015 7:26	51.5	32.7	1.4	14.4	-29.59	-29.59	50	710	710	0	No Change; No Repair Needed; Good
GRNVLBOT	2/17/2015 10:08	52.6	30.6	1.6	15.2	-30.72	-31.75	45	430	430	0	No Change; No Repair Needed; Good
GRNVLBOT	2/17/2015 11:28	52.9	31.7	1.4	14	-30.63	-30.89	46	430	430	0.04	No Change; No Repair Needed; Good
GRNVLBOT	3/3/2015 7:47	55.2	32	1.3	11.5	-19.89	-20.02	45	660	660	0	No Change; No Repair Needed; Good
GRNVLBOT	3/18/2015 7:13	54.6	32.7	1.7	11	-18.94	-18.9	48	680	680	0.09	No Change; No Repair Needed; Good
GRNVLBOT	3/18/2015 12:43	56.3	34.5	1.3	7.9	-18.68	-18.94	53	630	630	0.04	No Change; No Repair Needed; Good
GRNVLBOT	4/2/2015 7:27	50.4	32.2	1.9	15.5	-23.38	-23.34	54	720	720	0	No Change; No Repair Needed; Good
GRNVLBOT	4/14/2015 10:02	57.2	34.4	0.3	8.1	-14.28	-13.98	59	530	530	0	No Change; No Repair Needed; Good
GRNVLBOT	4/14/2015 11:15	57.1	34.5	0.3	8.1	-19.2	-19.54	59	630	630	0.3	No Change; No Repair Needed; Good
GRNVLBOT	4/17/2015 9:22	54.5	33.8	1	10.7	-23.81	-23.81	62	640	640	0	No Change; No Repair Needed; Good
GRNVLBOT	4/17/2015 14:42	55.2	34.6	0.8	9.4	-20.02	-19.97	66	660	660	-0.04	No Change; No Repair Needed; Good
GRNVLBOT	5/5/2015 7:48	51.1	32.6	1.6	14.7	5.78	5.57	82	450	450	0	No Change; No Repair Needed; Good
GRNVLBOT	5/20/2015 9:02	46.2	30.4	2.7	20.7	5.87	5.69	88	540	540	0	No Change; No Repair Needed; Good
GRNVLBOT	5/20/2015 14:09	51.4	33.7	1	13.9	5.87	6	95	500	500	-0.04	No Change; No Repair Needed; Good
GRNVLBOT	6/1/2015 9:02	48.3	31.8	1.6	18.3	5.95	6.26	86	200	200	0.3	No Change; No Repair Needed; Good
GRNVLBOT	6/16/2015 8:55	50.2	33.9	1.4	14.5	7.2	7.51	94	720	720	0	No Change; No Repair Needed; Good
GRNVLBOT	6/16/2015 14:31	50.1	34.6	1.2	14.1	6.99	7.08	101	750	750	0	No Change; No Repair Needed; Good
GRNVLBOT	7/2/2015 7:42	54.4	35.7	0.8	9.1	7.64	7.33	87	660	660	0	No Change; No Repair Needed; Good
GRNVLBOT	7/27/2015 9:12	53.4	35.4	1	10.2	7.42	7.55	90	730	730	0	No Change; No Repair Needed; Good
GRNVLBOT	7/27/2015 15:45	53.4	35.4	0.9	10.3	6.95	6.95	99	730	730	-0.04	No Change; No Repair Needed; Good
Flare 1	7/14/2014 14:17	46.8	33.9	1.4	17.9	1.8	1.77	91	230	230	0.17	GHG Reading; No Repair Needed; Good; No Totalizer
Flare 1	8/12/2014 12:58	48	33.7	1.6	16.7	1.66	1.63	89	240	240	-0.04	GHG Reading; No Repair Needed; Good; No Totalizer
Flare 1	9/10/2014 13:17	50.8	34.9	0.9	13.4	2.14	2.11	93	260	260	0	GHG Reading; No Repair Needed; Good; No Totalizer
Flare 1	10/9/2014 14:39	50.6	34.5	1	13.9	0.36	0.39	88	280	280	-0.09	GHG Reading; No Repair Needed; Good; No Totalizer
Flare 1	11/5/2014 13:46	47.7	33.5	1	17.8	1.07	0.97	85	260	260	0	GHG Reading; No Repair Needed; Good; No Totalizer
Flare 1	12/5/2014 10:42											Manually entered; NIU
Flare 1	1/22/2015 10:34											Manually entered; NIU
Flare 1	2/3/2015 10:55											Manually entered; NIU

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 07/01/2014 through 07/31/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
Flare 1	3/3/2015 11:15											Manually entered; NIU
Flare 1	4/2/2015 10:03											Manually entered; NIU
Flare 1	5/5/2015 14:26	52.2	34	1.1	12.7	0.1	0.11	95	220	220	-0.04	GHG Reading; No Repair Needed; Good; No Totalizer
Flare 1	6/1/2015 14:08	49.4	32.5	1.3	16.8	0.12	0.15	93	230	230	0.04	GHG Reading; No Repair Needed; Good; No Totalizer
Flare 1	7/2/2015 14:18	53.5	35.1	0.7	10.7	0.53	0.54	79	120	120	0	GHG Reading; No Repair Needed; Good; No Totalizer
Plant 1	7/14/2014 14:15	47.4	33.7	1.4	17.5	6.25	6.25	104	630	630	0	GHG Reading; No Repair Needed; Good; 432987815 scf
Plant 1	8/12/2014 12:56	48.1	33.6	1.7	16.6	6.6	6.21	103	540	540	-0.04	GHG Reading; No Repair Needed; Good; 459332240 scf
Plant 1	9/10/2014 13:15	51	35.4	0.9	12.7	6.99	6.56	103	560	560	0	GHG Reading; No Repair Needed; Good; 482256280 scf
Plant 1	10/9/2014 14:37	50.8	33.5	1.1	14.6	5.87	5.82	93	430	430	-0.3	GHG Reading; No Repair Needed; Good; 96860490 scf
Plant 1	11/5/2014 13:44	48	33.5	1	17.5	5.87	6.21	86	450	450	0	GHG Reading; No Repair Needed; Good; 26306498 scf
Plant 1	12/5/2014 12:58	55.5	35.1	0.7	8.7	-18.64	-18.64	60	700	700	0	GHG Reading; No Repair Needed; Good; 1009680 scf
Plant 1	1/8/2015 11:05	53.1	32.4	1.8	12.7	-24.46	-23.12	48	440	440	-0.04	No Change; No Repair Needed; Good; 29092527 scf
Plant 1	2/3/2015 13:36	50.3	33.8	1.4	14.5	-26.14	-25.8	52	700	700	0	GHG Reading; No Repair Needed; Good; 55209890 scf
Plant 1	3/3/2015 12:58	56.7	33.6	0.8	8.9	-16.05	-16.05	46	650	650	0	No Change; No Repair Needed; Good; 79910399 scf
Plant 1	4/2/2015 12:48	53.7	33.7	1	11.6	-23.6	-24.85	58	660	660	0	GHG Reading; No Repair Needed; Good; 106740550 scf
Plant 1	5/5/2015 14:24	52	33.9	1.2	12.9	6.26	5.82	95	470	470	-0.04	GHG Reading; No Repair Needed; Good; 135984990 scf
Plant 1	6/1/2015 14:10	48.9	33	1.3	16.8	6.47	6.47	93	510	510	0.35	GHG Reading; No Repair Needed; Good; 156185418 scf
Plant 1	7/2/2015 14:20	53.3	35.4	0.8	10.5	6.13	6.13	84	700	700	0	GHG Reading; No Repair Needed; Good; 186350250 scf

Monitoring
Control and Compliance, Inc.

September 8, 2015

Mr. Kim Cecil
Green Valley Landfill General Partnership
PO Box 9
Rush, KY 41168

Subject: Monthly LFG Report for August 2015
Green Valley Landfill – Ashland, Kentucky

Dear Mr. Cecil:

Monitoring Control and Compliance, Inc. (MCC) is submitting the following monthly landfill gas system monitoring and information report for the Green Valley Landfill using information collected during the month of August 2015.

In this report you will find the following:

- Plant, flare and blower operation summaries.
- Summary of the monthly wellhead monitoring results including well compliance issues.
- Discussion of O & M activities throughout the month, including compliance related issues and recommendations for improvements.
- Data collected and compiled while performing monthly activities.
- Gas system monitoring data.

If you have any questions or comments, please feel free to contact me at (614) 395-5766 or at paul.flory@landfillgasom.com.

Sincerely,

Monitoring Control and Compliance, Inc.

Paul D. Flory
Regional Manager

CC: William L. (Bill) Chlebowy, P.E.
Ron Clark
Dana Oleniacz

AUGUST 2015 MONTHLY REPORT

Control System Operations

Initial Flare Readings

During the August 5, 2015 monitoring event, the gas quality at the blower inlet was 49.6% CH4, 31.8% CO2, 1.7% O2 and 16.9% balance gas. The applied vacuum to the wellfield was -31.06 inches of water and the flow was 530 SCFM.

Final Flare Readings

At the end of the tuning event on August 20, 2015, the gas quality going to the blower inlet was 49.4% CH4, 35.7% CO2, 0.9% O2 and 14.0% balance gas. The applied vacuum to the wellfield was -21.92 inches of water and the flow was 940 SCFM.

The flare operated for 201.9 hours with an average 619 SCFM during August 2015.

Table 1- 1 Control System Down Time Report

Start time	End Time	Comments
8/20/15 8:40 AM	8/20/15 9:04 AM	Shutdown to install flare flow meter
8/20/15 12:00 PM	8/20/15 12:24 PM	Shutdown to install plant flow meter
8/25/15 9:38 AM	8/25/15 10:00 AM	Continuous pilot install
8/25/15 11:08 AM	8/25/15 12:24 PM	Continuous pilot install
8/25/15 12:40 PM	8/25/15 13:04 PM	Continuous pilot install
8/26/15 9:12 AM	8/26/15 10:16 AM	Continuous pilot install

SSM forms for the applicable period can be found in Attachment F.

Monthly Wellhead Monitoring Results

There are a total of 61 monitoring points (53 wells, 7 horizontal wells, and one leachate cleanout riser) associated with, and monitored, as part of the monthly monitoring events.

- Four (4) wells exceeded the NSPS regulatory limits for temperature, oxygen or pressure for a period of greater than 15 days (table 2-1);
- Fourteen (14) wells exceeded the 58% methane target level set forth in the site's standard operating procedures (SOP); see attachment E.
- Thirty-four (34) wells exceeded the 52% methane target level set forth in the site's standard operating procedures (SOP); see attachment E.
- Twenty-eight (28) wells recorded methane concentrations below the site's SOP of 48% see attachment E.
- Six (6) wells recorded flow below the site's SOP of 5 SCFM see attachment E.

A copy of the **Landfill Gas System Monitoring Data**, to be placed in the Operating Record, can be viewed in Attachment B.

Equipment calibration information for the August 2015 Landfill Gas System Monitoring Data can also be viewed in Attachment C.

Wells found to be operating outside of Republic's standard operating procedures (SOP) during the month of August 2015 are shown in Attachment E.

Table 2-1 (below) indicates wells operating outside of the NSPS operational parameters for more than 15 days during the month of August 2015.

Table 2-1: August 2015 - Wells Operating Outside NSPS Standards for greater than 15 days

Extraction Well No.	Parameter	Comments
GRNV65R2	O2	Operated outside NSPS standards from 5/5/15 through the end of August 2015.
GRNVLHW6	O2	Operated outside NSPS standards from 8/5/15 through end of August 2015.
GRNVLHW9	O2	Operated outside NSPS standards from 6/1/15 through the end of August 2015.
GRNVLY61	O2	Operated outside NSPS standards from 7/27/15 through end of August 2015.

Collection System Operations and Maintenance

During the month of August, MCC performed multiple tasks in support of the landfill gas collection system:

- Zero wells were activated during the month of August 2015.
- Zero wells were decommissioned during the month of August 2015.
- Pump maintenance was completed on:
  - 28
  - 44R2
  - 55
  - 54R
  - 57
  - 61
  - Toe Drain
  - PW1

  These reports can be viewed in Attachment I.
- 8 liquid levels were read during the month of August. This report is presented in Attachment I.
- Recorded pump counts; A copy of the pump counts are presented in Attachment G.
- The repaired flow meter was installed at the flare on 8/20/15 and a rental flow meter was installed to the gas plant.
- A continuous pilot was installed on 8/26/15.
- The propane solenoid was replaced on 8/26/15.

Quarterly Surface Emissions Monitoring

The 3rd quarter Initials Surface Emission Monitoring was completed on August 25, 2015. There was one area that displayed surface methane concentrations greater than the permissible limit of 500 ppm above the surface methane operational standard.

This report is presented in Attachment I.

Perimeter Probe and Building Monitoring

The 3rd quarter 2015 perimeter probe and on-site structure monitoring were completed on August 25, 2015. No issues were found.

Recommendations

Based on well field readings and along with investigations, MCC recommends Republic consider the following items be addressed:

- Laterals to HW01, EW04, and 65R2 need to be properly decommissioned.
- The lateral PW-2 holds liquids. The line should be regraded or a drain can be installed.
- A pump cleaning station should be built to assist with pump maintenance.
- The lines to the continuous pilot will need to be insulated and heat traced before winter.
- The sump across from the flare should be insulated before winter.
- Propane on site is very low. The tank should be refilled as soon as possible.

This report contains the following appendices':

Attachment A – Flare Chart Records
Attachment B – Landfill Gas System Monitoring Data
Attachment C – Gas meter calibration records
Attachment D – O & M Form
Attachment E – Wellfield SOP summary
Attachment F– SSM Forms (if required)
Attachment G – Pump Count Table (if required)
Attachment H – Cover Integrity Inspection (if required)
Attachment I – Additional miscellaneous information
Attachment J – Annual Rolling Data Table

ATTACHMENT A

Flare Chart Records

File Name	: 73111445.DDS,...,90110005.DDS
Device Type	: FX100
Serial No.	: S5DB05975
File Message	:
Time Correction	: None
Starting Condition	: Auto
Dividing Condition	: Auto
Meas Ch.	: 5
Math Ch.	: 4
Printed Group	: FLARE DATA
Printed Range	: 2015/07/31 11:44:00.000 - 2015/09/02 09:52:00.000
Comment	:

Data Count	: 5927
Sampling Interval	: 480.000 sec
Start Time	: 2015/07/31 11:44:00.000
Stop Time	: 2015/09/02 09:52:00.000
Trigger Time	: 2015/09/02 09:52:00.000
Trigger No.	: 5926
Damage Check	: Not Damaged



ATTACHMENT B

Landfill Gas System Monitoring Data

Green Valley Landfill
Wellfield Monitoring Data - August 2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
EW-27RR	8/5/2015 13:57	45.1	35.1	0	19.8	-4.96	-3.49	125	19	10	-29	Slightly Closed; No Repair Needed;
EW-27RR	8/5/2015 13:58	43.3	35.6	0.1	21	-2.7		123	9		-29.35	2nd Reading; No Repair Needed;
EW-27RR	8/20/2015 13:49	51.3	35.2	0	13.5	-1.57		120	7		-25.85	No Change; No Repair Needed;
GRNV17R2	8/5/2015 13:26	50	34.6	0	15.4	-13.29		104	51		-21.36	No Change; No Repair Needed;
GRNV17R2	8/20/2015 13:18	47.2	34.3	0	18.5	-12.64	-12.3	103	57	50	-23.22	Slightly Closed; No Repair Needed;
GRNV17R2	8/20/2015 13:19	47.1	34.5	0	18.4	-12.3		103	53		-20.67	2nd Reading; No Repair Needed;
GRNV41R2	8/5/2015 10:04	46.3	32.2	0	21.5	-23.17	-22.26	109	19	16	-30.64	Slightly Closed; No Repair Needed; Good; 34952
GRNV41R2	8/5/2015 10:05	46.5	30.8	0	22.7	-20.53		109	16		-30.3	2nd Reading; No Repair Needed;
GRNV41R2	8/20/2015 10:07	49.6	33.9	0	16.5	-17.86		107	18		-26.59	No Change; No Repair Needed;
GRNV43R2	8/5/2015 10:01	60.7	38	0	1.3	-23.21	-24.29	100	14	16	-30.99	Slightly Open; No Repair Needed; Good; 114331
GRNV43R2	8/5/2015 10:02	59.9	38.9	0	1.2	-25.63		100	11		-30.47	2nd Reading; No Repair Needed;
GRNV43R2	8/20/2015 10:04	61.3	38.6	0.1	0	-25.84	-27.18	98	15	23	-30.17	Slightly Open; No Repair Needed;
GRNV43R2	8/20/2015 10:05	60.7	39.3	0	0	-28.43		99	19		-30.21	2nd Reading; No Repair Needed;
GRNV44R2	8/5/2015 10:57	45.2	34.5	2.4	17.9	-9.02	-7.33	111	60	48	-31.07	Slightly Closed; No Repair Needed; Good; 263
GRNV44R2	8/5/2015 10:58	46.1	32.7	2.2	19	-6.56		111	45		-30.38	2nd Reading; No Repair Needed;
GRNV44R2	8/20/2015 10:50	51.5	38	1	9.5	-4.18		113	46		-24.51	No Change; No Repair Needed;
GRNV46R3	8/5/2015 10:53	46	30	3.8	20.2	-0.42	-0.36	96	33	25	-31.25	Slightly Closed; No Repair Needed; Good; 3133
GRNV46R3	8/5/2015 10:54	53	34.5	1.8	10.7	-0.25		97	24		-31.16	2nd Reading; No Repair Needed;
GRNV46R3	8/20/2015 10:46	57.7	36.9	0.5	4.9	-0.16	-0.46	100	0	29	-31.64	Slightly Open; No Repair Needed; Good; 3133
GRNV46R3	8/20/2015 10:47	56.7	38.6	0.9	3.8	-0.36		100	14		-31.03	2nd Reading; No Repair Needed;
GRNV47R2	8/5/2015 10:45	40.9	31.1	3.3	24.7	-6.21	-2.67	116	12	11	-31.03	Slightly Closed; No Repair Needed; Good; 371653
GRNV47R2	8/5/2015 10:46	41.6	29.7	3.1	25.6	-2.11		116	21		-29.78	2nd Reading; No Repair Needed;
GRNV47R2	8/20/2015 10:41	59.3	38.9	0	1.8	0.23	-0.44	118	36	14	-20.67	Slightly Open; No Repair Needed; Good; 462700
GRNV47R2	8/20/2015 10:41	59.3	40.4	0	0.3	-0.64		119	35		-21.62	2nd Reading; No Repair Needed;
GRNV50R3	8/5/2015 10:09	45	32.8	0.1	22.1	-24.85	-23.21	116	12	14	-30.47	Slightly Closed; No Repair Needed;
GRNV50R3	8/5/2015 10:10	44.7	34.7	0.1	20.5	-21.79		116	10		-31.72	2nd Reading; No Repair Needed;
GRNV50R3	8/20/2015 10:11	50.8	33.8	0.1	15.3	-15.36		112	13		-21.84	No Change; No Repair Needed;
GRNV63R2	8/5/2015 9:33	59.6	38.6	0.1	1.7	-17.6	-18.94	98	10	14	-30.69	Slightly Open; No Repair Needed;
GRNV63R2	8/5/2015 9:34	60.3	38.5	0.1	1.1	-22.86		98	15		-29.78	2nd Reading; No Repair Needed;
GRNV63R2	8/20/2015 9:37	59.8	38	0.3	1.9	-23.38	-24.42	96	10	14	-30.38	Slightly Open; No Repair Needed;
GRNV63R2	8/20/2015 9:38	60.3	38.3	0.2	1.2	-23.47		96	16		-25.21	2nd Reading; No Repair Needed;

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GRNV64R2	8/5/2015 9:31	57.1	39	0.4	3.5	-29.68		122	16		-30.73	No Change; No Repair Needed;
GRNV64R2	8/20/2015 9:35	56.8	36.4	0.8	6	-29.64		122	17		-30.13	No Change; No Repair Needed;
GRNV65R2	8/5/2015 9:28	4.1	21.2	7.5	67.2	-0.29	-0.29	89	0	0	-30.04	No Change; No Repair Needed; Fair; valve barely cracked
GRNV65R2	8/5/2015 9:29	3.3	20.7	7.6	68.4	-0.74		91	0		-30.73	2nd Reading; No Repair Needed;
GRNV65R2	8/20/2015 9:32	1.7	10.8	14.1	73.4	-1.24	-1.23	78	3	2	-30.86	No Change; No Repair Needed; Fair; valve barely cracked
GRNV65R2	8/20/2015 9:33	1.4	9.9	14.2	74.5	-1.6		78	4		-30.38	2nd Reading; No Repair Needed;
GRNVL08R	8/5/2015 13:31	53	36.5	0.1	10.4	-3.33		98	7		-20.41	No Change; No Repair Needed;
GRNVL08R	8/20/2015 13:25	51.2	36	0.1	12.7	-2.41		92	6		-18.95	No Change; No Repair Needed;
GRNVL10R	8/5/2015 13:52	52.7	35.2	0	12.1	-1.82		127	28		-17.95	No Change; No Repair Needed;
GRNVL10R	8/20/2015 13:45	49.5	35.4	0.6	14.5	-1.63		118	14		-24.08	No Change; No Repair Needed;
GRNVL13R	8/5/2015 12:53	57.4	36.5	0.5	5.6	-17.77		111	26		-22.01	No Change; No Repair Needed;
GRNVL13R	8/20/2015 12:41	49.7	33.6	0.3	16.4	-17.13		111	14		-24.13	No Change; No Repair Needed;
GRNVL18R	8/5/2015 13:46	50.7	36	0.3	13	-12.6		98	19		-25.9	No Change; No Repair Needed;
GRNVL18R	8/20/2015 13:38	46.2	34	0.2	19.6	-9.58	-8.84	96	21	15	-19.68	Slightly Closed; No Repair Needed; Good; 304
GRNVL18R	8/20/2015 13:39	46.9	35	0.2	17.9	-8.5		96	11		-21.84	2nd Reading; No Repair Needed;
GRNVL26R	8/5/2015 12:40	48	35.4	0	16.6	-20.19	-19.5	100	20	23	-28.49	Slightly Closed; No Repair Needed; Good; 156964
GRNVL26R	8/5/2015 12:40	47.7	36.6	0	15.7	-18.46		100	21		-28.05	2nd Reading; No Repair Needed;
GRNVL26R	8/20/2015 12:30	49.6	34.7	0	15.7	-13.03		99	28		-25.16	No Change; No Repair Needed;
GRNVL32R	8/5/2015 13:49	54.3	36.5	0.1	9.1	-19.67		126	18		-26.93	No Change; No Repair Needed;
GRNVL32R	8/20/2015 13:42	51.7	35.9	0.1	12.3	-16.82		125	26		-23	No Change; No Repair Needed;
GRNVL38R	8/5/2015 13:54	52.9	35.5	0	11.6	-3.02		123	8		-21.41	No Change; No Repair Needed;
GRNVL38R	8/20/2015 13:47	50.3	35.2	0	14.5	-2.38		119	9		-21.75	No Change; No Repair Needed;
GRNVL49R	8/5/2015 10:42	60	36.8	0	3.2	-30.03		115	16		-30.38	No Change; No Repair Needed;
GRNVL49R	8/20/2015 10:38	61.5	37.6	0	0.9	-21.31		113	11		-21.23	No Change; No Repair Needed;
GRNVL52R	8/5/2015 10:31	49.7	30.8	0	19.5	-30.03		117	23		-30.73	No Change; No Repair Needed;
GRNVL52R	8/20/2015 10:30	51.2	31.2	0	17.6	-22		116	14		-22.18	No Change; No Repair Needed;
GRNVL54R	8/5/2015 10:29	53.6	25.3	0.2	20.9	-20.36		116	23		-31.42	No Change; No Repair Needed;
GRNVL54R	8/20/2015 10:28	52.2	26.9	0.3	20.6	-16.09		121	23		-26.59	No Change; No Repair Needed;
GRNVL59R	8/5/2015 10:12	56.6	35.4	0.5	7.5	-28.73		110	14		-30.47	No Change; No Repair Needed;
GRNVL59R	8/20/2015 10:14	56.8	32.2	0.5	10.5	-20.45		107	28		-21.41	No Change; No Repair Needed;
GRNVL60R	8/5/2015 10:14	45.2	28.3	0.1	26.4	-6.26	-5.91	94	13	11	-30.51	Slightly Closed; No Repair Needed;
GRNVL60R	8/5/2015 10:15	45	29.5	0.1	25.4	-4.32		94	13		-30.73	2nd Reading; No Repair Needed;
GRNVL60R	8/20/2015 10:16	57.8	32	0.6	9.6	-2.49	-2.73	87	4	6	-20.85	Slightly Open; No Repair Needed;
GRNVL60R	8/20/2015 10:17	57.6	32.1	0.6	9.7	-1.97		88	6		-21.19	2nd Reading; No Repair Needed;

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GRNVLHW1	8/5/2015 12:50	13.8	20.2	6.3	59.7	-0.04	-0.02	87	7	9	-28.4	Slightly Closed; No Repair Needed;
GRNVLHW1	8/5/2015 12:51	12.8	16	6.3	64.9	-0.01		86	7		-28.31	2nd Reading; No Repair Needed;
GRNVLHW1	8/20/2015 12:39	30.6	29.2	0.5	39.7	-0.01		83	6		-24.77	No Change; No Repair Needed; Fair
GRNVLHW3	8/5/2015 9:52	41.2	27.3	3.9	27.6	-0.03		89	6		-31.12	No Change; No Repair Needed; Good; valve barely cracked
GRNVLHW3	8/20/2015 9:53	38.8	30.6	4.2	26.4	-0.01		85	6		-22.44	No Change; No Repair Needed; Fair
GRNVLHW4	8/5/2015 9:43	37.5	28.7	1.8	32	-1.09	-0.87	90	12	8	-30.38	Slightly Closed; No Repair Needed;
GRNVLHW4	8/5/2015 9:44	37.4	29.4	1.8	31.4	-0.42		91	9		-30.47	2nd Reading; No Repair Needed;
GRNVLHW4	8/20/2015 9:46	59.4	38	0	2.6	0.12	-0.1	85	7	10	-20.5	Slightly Open; No Repair Needed;
GRNVLHW4	8/20/2015 9:47	59.5	38.3	0	2.2	-0.59		86	9		-20.8	2nd Reading; No Repair Needed;
GRNVLHW5	8/5/2015 9:37	42.9	31.1	2.5	23.5	-0.33	-0.23	91	7	7	-31.03	Slightly Closed; No Repair Needed;
GRNVLHW5	8/5/2015 9:38	43	30.6	2.6	23.8	-0.01		90	9		-30.73	2nd Reading; No Repair Needed;
GRNVLHW5	8/20/2015 9:40	60.4	37.2	0	2.4	0.07	-0.12	83	8	9	-22.1	Slightly Open; No Repair Needed;
GRNVLHW5	8/20/2015 9:41	60.6	38.4	0	1	-0.34		84	10		-21.28	2nd Reading; No Repair Needed;
GRNVLHW6	8/5/2015 10:18	18.3	16.3	12.7	52.7	-29.34	-29.42	91	3	2	-30.47	Slightly Closed; No Repair Needed;
GRNVLHW6	8/5/2015 10:19	11.1	8.8	16.2	63.9	-28.65		92	3		-30.47	2nd Reading; No Repair Needed;
GRNVLHW6	8/20/2015 10:19	3.8	10.1	19.1	67	-14.58	-14.62	77	0	0	-20.8	No Change; No Repair Needed; Fair; valve completely closed
GRNVLHW6	8/20/2015 10:20	9.9	3.5	17.4	69.2	-14.58		78	6		-21.36	2nd Reading; No Repair Needed;
GRNVLHW7	8/5/2015 9:49	33.3	30.5	6	30.2	-0.65	-0.24	107	38	33	-30.6	Slightly Closed; No Repair Needed;
GRNVLHW7	8/5/2015 9:50	35.1	26.6	5.6	32.7	-0.19		107	25		-30.08	2nd Reading; No Repair Needed;
GRNVLHW7	8/20/2015 9:51	52.3	38.9	0.7	8.1	-0.1		100	25		-20.54	No Change; No Repair Needed;
GRNVLHW8	8/5/2015 9:40	30.3	27	5.6	37.1	-0.27	-0.08	110	22	21	-31.68	Slightly Closed; No Repair Needed;
GRNVLHW8	8/5/2015 9:41	29.6	25.4	5.8	39.2	-0.07		109	16		-30.64	2nd Reading; No Repair Needed;
GRNVLHW8	8/20/2015 9:44	50.6	36.9	0.6	11.9	-0.02		99	13		-21.06	No Change; No Repair Needed;
GRNVLHW9	8/5/2015 9:56	13.5	14.9	12.4	59.2	-0.11	-0.04	99	25	21	-31.46	Slightly Closed; No Repair Needed;
GRNVLHW9	8/5/2015 9:57	13.2	10.4	12.9	63.5	-0.03		99	20		-31.51	2nd Reading; No Repair Needed;
GRNVLHW9	8/20/2015 9:59	10.1	13	14.2	62.7	-0.01	0.09	100	21	15	-30.73	Slightly Closed; No Repair Needed;
GRNVLHW9	8/20/2015 10:00	9.9	8.5	14.7	66.9	0.11	0.11	98	7	6	-30.82	No Change; No Repair Needed; Fair; valve completely closed
GRNVLHW9	8/20/2015 10:01	10.1	7.9	14.7	67.3	0.1		97	8		-30.51	2nd Reading; No Repair Needed; Fair; valve completely closed; variance
GRNVLPW1	8/5/2015 9:54	57.1	36	0.2	6.7	-21.74		96	29		-30.47	No Change; No Repair Needed;
GRNVLPW1	8/20/2015 9:56	59.3	39.9	0	0.8	15.96	-2.86	105	23	38	-28.74	Slightly Open; No Repair Needed; Good; 60396
GRNVLPW1	8/20/2015 9:56	57.7	41.2	0.1	1	-10.27		106	42		-30.25	2nd Reading; No Repair Needed;

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GRNVLPW2	8/5/2015 9:47	57.1	35.9	0.2	6.8	-26.92		109	27		-30.6	No Change; No Repair Needed; Fair; 163674; surging
GRNVLPW2	8/20/2015 9:49	56.8	38.9	0.1	4.2	-18.9		110	31		-20.89	No Change; No Repair Needed;
GRNVLY01	8/5/2015 14:06	54.6	36.5	0.1	8.8	-24.2		93	14		-28.66	No Change; No Repair Needed;
GRNVLY01	8/20/2015 13:58	48.9	34.3	0.1	16.7	-18.55		93	11		-15.84	No Change; No Repair Needed;
GRNVLY02	8/5/2015 14:08	55.3	36.4	0.1	8.2	-23.99		108	32		-30.21	No Change; No Repair Needed;
GRNVLY02	8/20/2015 14:01	55	35.2	0.1	9.7	-18.16	-18.21	107	18	21	-20.63	Slightly Open; No Repair Needed;
GRNVLY02	8/20/2015 14:02	54.9	35.8	0.1	9.2	-18.51		107	20		-20.33	2nd Reading; No Repair Needed;
GRNVLY03	8/5/2015 12:34	59	37	0.1	3.9	-27.52		103	11		-28.66	No Change; No Repair Needed;
GRNVLY03	8/20/2015 12:26	56.7	35.6	0.1	7.6	-25.75		101	14		-27.23	No Change; No Repair Needed;
GRNVLY12	8/5/2015 12:45	53.3	38.1	0.2	8.4	-27.09		98	0		-27.97	No Change; No Repair Needed;
GRNVLY12	8/20/2015 12:35	51.3	37.1	0.2	11.4	-22.52		98	0		-23.87	No Change; No Repair Needed;
GRNVLY16	8/5/2015 13:20	57.8	36	0.1	6.1	-21.23		101	18		-21.32	No Change; No Repair Needed;
GRNVLY16	8/20/2015 13:08	51.9	34.5	0.5	13.1	-17.82		98	25		-17.95	No Change; No Repair Needed;
GRNVLY19	8/5/2015 12:59	48.5	35.3	0	16.2	-13.63	-12.94	98	23	20	-22.1	Slightly Closed; No Repair Needed;
GRNVLY19	8/5/2015 13:00	48.5	34.9	0	16.6	-12.42		98	20		-21.62	2nd Reading; No Repair Needed;
GRNVLY19	8/20/2015 12:48	43	34.6	0	22.4	-11.26	-10.57	97	19	18	-23.52	Slightly Closed; No Repair Needed;
GRNVLY19	8/20/2015 12:49	42.2	32.6	0	25.2	-10.22		97	18		-22.74	2nd Reading; No Repair Needed;
GRNVLY20	8/5/2015 13:03	51.6	35.7	0	12.7	-10.91		109	56		-21.67	No Change; No Repair Needed;
GRNVLY20	8/20/2015 12:51	50.3	34.5	0	15.2	-8.5		109	55		-21.62	No Change; No Repair Needed;
GRNVLY21	8/5/2015 13:08	59.3	37.9	0	2.8	-20.92		102	33		-20.76	No Change; No Repair Needed;
GRNVLY21	8/20/2015 12:55	59.1	37.7	0	3.2	-17.86		101	17		-17.95	No Change; No Repair Needed;
GRNVLY22	8/5/2015 13:11	60.3	38	0	1.7	-20.79		87	30		-21.41	No Change; No Repair Needed;
GRNVLY22	8/20/2015 12:59	56.4	37.8	0.1	5.7	-17.47		85	14		-17.61	No Change; No Repair Needed;
GRNVLY23	8/5/2015 13:15	58.2	37.4	0	4.4	-20.53		88	20		-21.28	No Change; No Repair Needed;
GRNVLY23	8/20/2015 13:03	49.9	36.3	0.2	13.6	-16.78		87	23		-17.91	No Change; No Repair Needed;
GRNVLY24	8/5/2015 12:36	45.5	33.8	0.8	19.9	-7.81	-7.46	93	12	9	-28.74	Slightly Closed; No Repair Needed;
GRNVLY24	8/5/2015 12:37	45.3	34	0.8	19.9	-7.12		94	6		-29.18	2nd Reading; No Repair Needed;
GRNVLY24	8/20/2015 12:28	48.6	33.4	0.3	17.7	-2.91		90	4		-26.28	No Change; No Repair Needed;
GRNVLY25	8/5/2015 14:03	51.1	36.8	0.2	11.9	-18.85		112	14		-29.31	No Change; No Repair Needed;
GRNVLY25	8/20/2015 13:55	49.6	36.1	0.4	13.9	-17.52		111	16		-27.54	No Change; No Repair Needed;
GRNVLY28	8/5/2015 12:43	57.7	37.9	0.3	4.1	-19.8		108	34		-28.18	No Change; No Repair Needed;
GRNVLY28	8/20/2015 12:33	56.5	36.9	0.7	5.9	-13.98		108	39		-23.61	No Change; No Repair Needed; Good; 146660; valve full open
GRNVLY29	8/5/2015 14:00	50.2	36.1	0.5	13.2	-4.17		113	13		-28.36	No Change; No Repair Needed;
GRNVLY29	8/20/2015 13:52	48.6	36.5	0.4	14.5	-3.63		113	11		-24.26	No Change; No Repair Needed;
GRNVLY30	8/5/2015 12:47	41.1	32.5	0.6	25.8	-8.15	-7.81	109	8	7	-27.36	Slightly Closed; No Repair Needed;
GRNVLY30	8/5/2015 12:48	40.7	32.1	0.6	26.6	-7.46		108	7		-28.31	2nd Reading; No Repair Needed;

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GRNVLY30	8/20/2015 12:37	49.1	33.3	0	17.6	-2.51		97	5		-22.31	No Change; No Repair Needed;
GRNVLY31	8/5/2015 12:55	59.1	37.5	0	3.4	-28.13		110	9		-28.4	No Change; No Repair Needed;
GRNVLY31	8/20/2015 12:43	56.3	37	0	6.7	-23.12		107	16		-23.82	No Change; No Repair Needed;
GRNVLY33	8/5/2015 13:42	42.7	31.3	0	26	-5.44	-5.35	107	8	6	-21.75	Slightly Closed; No Repair Needed;
GRNVLY33	8/5/2015 13:44	41.6	34	0	24.4	-5.35		107	6		-20.76	2nd Reading; No Repair Needed;
GRNVLY33	8/20/2015 13:35	38.2	31	0.1	30.7	-3.72		101	7		-18.17	No Change; No Repair Needed; Good; valve barely cracked
GRNVLY34	8/5/2015 12:57	50.2	35	0.2	14.6	-7.42		106	28		-29.69	No Change; No Repair Needed;
GRNVLY34	8/20/2015 12:45	51.8	35	0.2	13	-6.08		105	34		-23.26	No Change; No Repair Needed;
GRNVLY35	8/5/2015 13:39	37.5	24.2	2.1	36.2	-2.57	-2.3	120	8	1	-21.06	Slightly Closed; No Repair Needed; Good; 19686
GRNVLY35	8/5/2015 13:40	38.4	23	2.3	36.3	-2.09		118	5		-21.75	2nd Reading; No Repair Needed;
GRNVLY35	8/20/2015 13:32	50.4	29.6	2.1	17.9	-1.18		91	4		-17.91	No Change; No Repair Needed;
GRNVLY36	8/5/2015 13:28	50.7	35.2	0	14.1	-19.2		126	26		-19.34	No Change; No Repair Needed;
GRNVLY36	8/20/2015 13:22	48.3	34.5	0.1	17.1	-17.82		125	33		-18.95	No Change; No Repair Needed;
GRNVLY37	8/5/2015 13:24	53.2	36.1	0	10.7	-17.82		90	26		-21.06	No Change; No Repair Needed;
GRNVLY37	8/20/2015 13:12	50.2	34.7	0	15.1	-17.13		90	25		-21.92	No Change; No Repair Needed;
GRNVLY55	8/5/2015 11:00	60.3	37.3	0	2.4	-29.47		107	33		-30.77	No Change; No Repair Needed;
GRNVLY55	8/20/2015 10:52	59.6	38	0.1	2.3	-20.45		106	21		-20.98	No Change; No Repair Needed;
GRNVLY56	8/5/2015 10:48	60.2	38	0	1.8	-29.81		98	0		-31.42	No Change; No Repair Needed;
GRNVLY56	8/20/2015 10:44	55.2	39.8	0.7	4.3	-25.5		94	0		-26.59	No Change; No Repair Needed;
GRNVLY57	8/5/2015 10:39	45.8	33.5	1.4	19.3	-18.29	-17.99	97	11	11	-30.73	Slightly Closed; Pump Maintenance Required; Good; 324749
GRNVLY57	8/5/2015 10:40	50.3	35.7	0.2	13.8	-17.26		98	10		-30.82	2nd Reading; No Repair Needed;
GRNVLY57	8/20/2015 10:35	48.8	33.7	0	17.5	-12.6		95	10		-21.06	No Change; No Repair Needed;
GRNVLY58	8/5/2015 10:34	47.7	32.5	0.3	19.5	-23.25	-22.13	100	47	42	-31.33	Slightly Closed; No Repair Needed; Good; 4251
GRNVLY58	8/5/2015 10:35	48.7	34.5	0.3	16.5	-21.79		100	41		-31.46	2nd Reading; No Repair Needed;
GRNVLY58	8/20/2015 10:33	48.2	32.3	0.3	19.2	-15.31		100	34		-22.01	No Change; No Repair Needed;
GRNVLY61	8/5/2015 10:25	0.8	4.5	19.6	75.1	-30.41	-30.11	92	0	0	-30.77	Slightly Closed; Pump Maintenance
GRNVLY61	8/5/2015 10:26	0.4	0.9	20.3	78.4	-30.46		93	0		-30.82	2nd Reading; No Repair Needed;
GRNVLY61	8/20/2015 10:24	1.6	9.1	19.7	69.6	-28.56	-28.56	79	0	0	-29	Slightly Closed; No Repair Needed; Fair; camera investigation required
GRNVLY61	8/20/2015 10:25	0.4	0.5	21.1	78	-30.28		79	3		-30.73	2nd Reading; No Repair Needed;
GRNVLY62	8/5/2015 10:21	56	33.4	2	8.6	-23.47		91	6		-30.9	No Change; No Repair Needed;
GRNVLY62	8/20/2015 10:22	57.2	38.2	0.9	3.7	-9.28		86	9		-23.22	No Change; No Repair Needed;

Green Valley Landfill
Wellfield Monitoring Data - August 2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
GRNVLY7R	8/5/2015 13:35	52.2	28.3	0.8	18.7	-11.56		102	11		-22.79	No Change; No Repair Needed; Good; 452974
GRNVLY7R	8/20/2015 13:28	44.4	33.2	1.7	20.7	-9.23		101	6		-17.61	No Change; No Repair Needed;
GRNVLYP1	8/25/2015 14:05	0	7.5	14.2	78.3	0.02						No Change; No Repair Needed;
GRNVLYP2	8/25/2015 14:34	0	2.3	20.8	76.9	0						No Change; No Repair Needed;
GRNVLYP3	8/25/2015 14:48	0	0.6	21	78.4	0						No Change; No Repair Needed;
GRNVLYP4	8/25/2015 14:16	0	5.3	19.9	74.8	0						No Change; No Repair Needed;
GRNVBOT2	8/5/2015 9:18	48.2	33.9	1.6	16.3	1.45	1.43	96	0	0	-0.35	No Change; No Repair Needed;
GRNVBOT2	8/5/2015 15:05	50.6	35.5	1	12.9	-0.05	-0.06	105	0	0	-0.04	No Change; No Repair Needed; Good; suspected flow meter
GRNVCO02	8/5/2015 11:04	57.3	31.1	0.4	11.2	-30.37		95	7		-30.82	No Change; No Repair Needed;
GRNVLBIN	8/5/2015 9:14	49.6	31.8	1.7	16.9	-31.06	-30.72	83	0	0	-0.35	No Change; No Repair Needed;
GRNVLBIN	8/5/2015 15:02	51.5	33.1	1	14.4	-30.46	-31.23	84	0	0	-0.04	No Change; No Repair Needed; Good; suspected flow meter
GRNVLBIN	8/20/2015 9:18	51.1	32.2	1	15.7	-21.66	-21.44	83	720	720	0	No Change; No Repair Needed;
GRNVLBIN	8/20/2015 14:27	49.4	35.7	0.9	14	-21.96	-21.92	84	940	940	0	No Change; No Repair Needed;
GRNVLBOT	8/5/2015 9:15	48.6	32.7	1.6	17.1	5.78	5.78	102	530	530	-0.35	No Change; No Repair Needed;
GRNVLBOT	8/5/2015 15:04	51.4	34.2	1	13.4	6.21	6.21	107	600	600	-0.04	No Change; No Repair Needed;
GRNVLBOT	8/20/2015 9:20	50.4	33.5	0.9	15.2	7.68	7.68	92	720	720	0	No Change; No Repair Needed;
Flare 1	8/20/2015 14:23	49.8	35.1	0.9	14.2	-0.06	-0.06	97	190	190	0	GHG Reading; No Repair Needed; Good; 15060455 scf
Plant 1	8/20/2015 14:25	49.8	35.4	0.9	13.9	7.46	7.42	103	750	750	0	GHG Reading; No Repair Needed; Good; No Totalizer

Total Number of Wells	61
Total Number of Well Readings	61
Total Number of Readings NOT Collected	0

Number of Wells With Methane < 48%	28
Number of Wells With Methane > 52%	34
Number of Wells With Methane > 58%	14
Number of Wells With Oxygen > 1%	8
Number of Wells With Temperature > 120°F	5
Number of Wells With Flow < 5 SCFM	6

ATTACHMENT C

Gas Meter Calibration Records

Meter Calibration Form

Technician:	Zachary Ankney
Meter Serial #:	1003018
PDA ID:	WM_Tom_Philips2
Meter Date:	8/5/15
Meter Time:	9:07 AM

Sensor	Lot #	Cylinder %	Calibration %
Methane	000000EE2350	0	-0.06
Methane	000000EE2570	48.43	48.16
Oxygen	000000EE2570	0	0.07
Oxygen	000000EE2350	4	4.01
CO2	000000EE2350	0	-0.02
CO2	000000EE2570	34.68	35.16
Available (high)	NA	0	-0.39
Applied (low)	NA	0	-0.01
Applied (high)	NA	0	-0.09
Differential (low)	NA	0	0
Differential (high)	NA	0	0.01

Meter Calibration Form

Technician:	Zachary Ankney
Meter Serial #:	1003018
PDA ID:	WM_Tom_Philips2
Meter Date:	8/5/15
Meter Time:	11:59 AM

Sensor	Lot #	Cylinder %	Calibration %
Methane	000000EE2350	0	0.08
Methane	000000EE2570	48.43	48.92
Oxygen	000000EE2570	0	-0.07
Oxygen	000000EE2350	4	4.08
CO2	000000EE2350	0	0
CO2	000000EE2570	34.68	34.38
Available (high)	NA	0	-0.04
Applied (low)	NA	0	0
Applied (high)	NA	0	0.09
Differential (low)	NA	0	0
Differential (high)	NA	0	0.02

Meter Calibration Form

Technician:	Zachary Ankney
Meter Serial #:	1003018
PDA ID:	WM_Tom_Philips2
Meter Date:	8/5/15
Meter Time:	2:59 PM

Sensor	Lot #	Cylinder %	Calibration %
Methane	000000EE2350	0	0.07
Methane	000000EE2570	48.43	48.39
Oxygen	000000EE2570	0	0.02
Oxygen	000000EE2350	4	3.94
CO2	000000EE2350	0	0
CO2	000000EE2570	34.68	34.44
Available (high)	NA	0	-0.04
Applied (low)	NA	0	0.01
Applied (high)	NA	0	0.26
Differential (low)	NA	0	0
Differential (high)	NA	0	0.01

Meter Calibration Form

Technician:	Zachary Ankney
Meter Serial #:	1003018
PDA ID:	WM_Tom_Philips2
Meter Date:	8/20/15
Meter Time:	9:12 AM

Sensor	Lot #	Cylinder %	Calibration %
Methane	000000EE2593	0	-0.05
Methane	000000EE2570	48.43	48.17
Oxygen	000000EE2570	0	0.04
Oxygen	000000EE2593	4	3.93
CO2	000000EE2593	0	-0.01
CO2	000000EE2570	34.68	35.02
Available (high)	NA	0	-0.04
Applied (low)	NA	0	-0.02
Applied (high)	NA	0	0
Differential (low)	NA	0	0
Differential (high)	NA	0	0.01

Meter Calibration Form

Technician:	Zachary Ankney
Meter Serial #:	1003018
PDA ID:	WM_Tom_Philips2
Meter Date:	8/20/15
Meter Time:	11:37 AM

Sensor	Lot #	Cylinder %	Calibration %
Methane	000000EE2593	0	0.05
Methane	000000EE2570	48.43	49.16
Oxygen	000000EE2570	0	-0.04
Oxygen	000000EE2593	4	4.01
CO2	000000EE2593	0	-0.02
CO2	000000EE2570	34.68	34.44
Available (high)	NA	0	0
Applied (low)	NA	0	0
Applied (high)	NA	0	0.04
Differential (low)	NA	0	0
Differential (high)	NA	0	0.01

Meter Calibration Form

Technician:	Zachary Ankney
Meter Serial #:	1003018
PDA ID:	WM_Tom_Philips2
Meter Date:	8/20/15
Meter Time:	2:14 PM

Sensor	Lot #	Cylinder %	Calibration %
Methane	000000EE2593	0	0.01
Methane	000000EE2570	48.43	48.72
Oxygen	000000EE2570	0	0.03
Oxygen	000000EE2593	4	3.97
CO2	000000EE2593	0	0
CO2	000000EE2570	34.68	34.5
Available (high)	NA	0	0
Applied (low)	NA	0	0
Applied (high)	NA	0	0.04
Differential (low)	NA	0	0
Differential (high)	NA	0	-0.01

Meter Calibration Form

Technician:	Zachary Ankney
Meter Serial #:	1003020
PDA ID:	WM_Tom_Philips2
Meter Date:	8/25/15
Meter Time:	1:55 PM

Sensor	Lot #	Cylinder %	Calibration %
Methane	000000EE2593	0	-0.01
Methane	000000EE2179	15	14.51
Oxygen	000000EE2569	0	-0.02
Oxygen		20.9	21
CO2	000000EE2593	0	-0.04
CO2	000000EE2179	15	14.94
Available (high)	NA	0	0
Applied (low)	NA	0	0
Applied (high)	NA	0	0
Differential (low)	NA	0	0
Differential (high)	NA	0	0

ATTACHMENT D

O & M Report

Monitoring Control and Compliance, Inc.

Green Valley Landfill
GCCS Major Components Checklist

Technician: **Zack Ankney**

Date: **8/5/2015**

Flare Station / Skid Components

Item	Yes	No		Comments
Flare Operating in Automatic Mode	☐	☑		
Blower / flare operating properly	☐	☑		
Autodialer functioning	☐	☑		
VFD vacuum setpoint	In-W.C.		-32	
Motor operating properly	☑	☐		
Plant flow rate	SCFM		600	Flare Flow Rate: N/A
Bearings properly lubricated	☑	☐		
Any Unusual Noises at B/F Skid	☐	☑		
Belts / drive correct	☑	☐		
Blower casing drained	☑	☐		
Valves properly positioned	☑	☐		
Chart recorder functioning	☑	☐		
Actuators maintained	☑	☐		
KOP Demister differential pressure	In. W.C		N/A	
Flame arrestor differential pressure	In. W.C		N/A	
Flame arrestor inlet pressure	In. W.C		N/A	
Nitrogen Cylinder Pressure	PSI		N/A	
Propane Cylinder Pressure	%		60	

Air Compressor Components

Item	Yes	No	Comments
Unit Operating in Automatic Mode	☑	☐	Hours: 16606; Temp: 203 F
Compressor Tank Drained	☑	☐	
Filters Clean	☑	☐	
Compressor Tank Pressure	PSI		106
Compressor Properly Lubricated	☑	☐	
Compressor Belts Worn	☐	☑	
Belts at Proper Tension	☑	☐	

Sumps, Pumps, and Valves

Check sumps and pumps for proper operation. Inspect applicable electrical and pneumatic connections. Check that condensate level in sump is normal. Listen for air leaks and inspect for condensate leaks at pump discharge. Ensure valves are in the proper position. Manually jog or cycle pump on/off as applicable.

Location/Name	Comments
CK-1: 672405	All cycling properly
CK-2: 328987	
CK-3: 293583	
CK-4: 158794	
DL-7: 420111	
Toe Drain: 429777	
CK-H: 295966	

Additional Comments

Increased vacuum setpoint to -32" H2O

Loaner flow meter calibrated to incorrect line size. Permanent flow meter to be overnighted for installation when service is complete.

ATTACHMENT E

Wellfield SOP Summary

Green Valley Landfill
Wellfield SOP Summary
August 2015

Extraction Wells > 58% Methane

Extraction Well ID	Date	Methane %	Extraction Well ID	Date	Methane %
GRNV43R2	8/20/2015 10:04	61.3	GRNVLY03	8/5/2015 12:34	59
GRNV47R2	8/20/2015 10:41	59.3	GRNVLY21	8/5/2015 13:08	59.3
GRNV63R2	8/5/2015 9:34	60.3	GRNVLY22	8/5/2015 13:11	60.3
GRNVL49R	8/20/2015 10:38	61.5	GRNVLY23	8/5/2015 13:15	58.2
GRNVLHW4	8/20/2015 9:47	59.5	GRNVLY31	8/5/2015 12:55	59.1
GRNVLHW5	8/20/2015 9:41	60.6	GRNVLY55	8/5/2015 11:00	60.3
GRNVLPW1	8/20/2015 9:56	59.3	GRNVLY56	8/5/2015 10:48	60.2

Extraction Wells > 52% Methane

Extraction Well ID	Date	Methane %	Extraction Well ID	Date	Methane %
GRNV43R2	8/20/2015 10:04	61.3	GRNVLPW1	8/20/2015 9:56	59.3
GRNV46R3	8/20/2015 10:46	57.7	GRNVLPW2	8/5/2015 9:47	57.1
GRNV47R2	8/20/2015 10:41	59.3	GRNVLY01	8/5/2015 14:06	54.6
GRNV63R2	8/5/2015 9:34	60.3	GRNVLY02	8/5/2015 14:08	55.3
GRNV64R2	8/5/2015 9:31	57.1	GRNVLY03	8/5/2015 12:34	59
GRNVL08R	8/5/2015 13:31	53	GRNVLY12	8/5/2015 12:45	53.3
GRNVL10R	8/5/2015 13:52	52.7	GRNVLY16	8/5/2015 13:20	57.8
GRNVL13R	8/5/2015 12:53	57.4	GRNVLY21	8/5/2015 13:08	59.3
GRNVL32R	8/5/2015 13:49	54.3	GRNVLY22	8/5/2015 13:11	60.3
GRNVL38R	8/5/2015 13:54	52.9	GRNVLY23	8/5/2015 13:15	58.2
GRNVL49R	8/20/2015 10:38	61.5	GRNVLY28	8/5/2015 12:43	57.7
GRNVL54R	8/5/2015 10:29	53.6	GRNVLY31	8/5/2015 12:55	59.1
GRNVL59R	8/20/2015 10:14	56.8	GRNVLY37	8/5/2015 13:24	53.2
GRNVL60R	8/20/2015 10:16	57.8	GRNVLY55	8/5/2015 11:00	60.3
GRNVLHW4	8/20/2015 9:47	59.5	GRNVLY56	8/5/2015 10:48	60.2
GRNVLHW5	8/20/2015 9:41	60.6	GRNVLY62	8/20/2015 10:22	57.2
GRNVLHW7	8/20/2015 9:51	52.3	GRNVLY7R	8/5/2015 13:35	52.2

Extraction Wells < 48% Methane

Extraction Well ID	Date	Methane %	Extraction Well ID	Date	Methane %
GRNV17R2	8/20/2015 13:19	47.1	GRNVLHW5	8/5/2015 9:37	42.9
GRNV27RR	8/5/2015 13:58	43.3	GRNVLHW6	8/20/2015 10:19	3.8
GRNV41R2	8/5/2015 10:04	46.3	GRNVLHW7	8/5/2015 9:49	33.3
GRNV44R2	8/5/2015 10:57	45.2	GRNVLHW8	8/5/2015 9:41	29.6
GRNV46R3	8/5/2015 10:53	46	GRNVLHW9	8/20/2015 10:00	9.9
GRNV47R2	8/5/2015 10:45	40.9	GRNVLY19	8/20/2015 12:49	42.2
GRNV50R3	8/5/2015 10:10	44.7	GRNVLY24	8/5/2015 12:37	45.3
GRNV65R2	8/20/2015 9:33	1.4	GRNVLY30	8/5/2015 12:48	40.7
GRNVL18R	8/20/2015 13:38	46.2	GRNVLY33	8/20/2015 13:35	38.2
GRNVL26R	8/5/2015 12:40	47.7	GRNVLY35	8/5/2015 13:39	37.5
GRNVL60R	8/5/2015 10:15	45	GRNVLY57	8/5/2015 10:39	45.8
GRNVLHW1	8/5/2015 12:51	12.8	GRNVLY58	8/5/2015 10:34	47.7
GRNVLHW3	8/20/2015 9:53	38.8	GRNVLY61	8/5/2015 10:26	0.4
GRNVLHW4	8/5/2015 9:44	37.4	GRNVLY7R	8/20/2015 13:28	44.4

Green Valley Landfill
Wellfield SOP Summary
August 2015

Extraction Wells < 5 scfm Flow

Extraction Well ID	Date	Flow scfm	Extraction Well ID	Date	Flow scfm
GRNV65R2	8/20/2015 9:33	4.84	GRNVLY35	8/20/2015 13:32	4.78
GRNVLY12	8/20/2015 12:35	0	GRNVLY56	8/20/2015 10:44	0
GRNVLY24	8/20/2015 12:28	4.77	GRNVLY61	8/20/2015 10:25	3.67

Extraction Wells Oxygen > 1%

Extraction Well ID	Date	Oxygen %	Extraction Well ID	Date	Oxygen %
GRNV44R2	8/20/2015 10:50	1	GRNVLHW9	8/20/2015 10:01	14.7
GRNV65R2	8/20/2015 9:33	14.2	GRNVLY35	8/20/2015 13:32	2.1
GRNVLHW3	8/20/2015 9:53	4.2	GRNVLY61	8/20/2015 10:25	21.1
GRNVLHW6	8/20/2015 10:20	17.4	GRNVLY7R	8/20/2015 13:28	1.7

Extraction Wells Temperature > 120°F

Extraction Well ID	Date	Temperature degF	Extraction Well ID	Date	Temperature degF
GRNV27RR	8/20/2015 13:49	120.7	GRNVL54R	8/20/2015 10:28	121.8
GRNV64R2	8/20/2015 9:35	122.6	GRNVLY36	8/20/2015 13:22	125.8
GRNVL32R	8/20/2015 13:42	125.7			

ATTACHMENT F

SSM Reports

Startup/Shutdown/Malfunction Report Form

Monitoring Control and Compliance, Inc.

Landfill: Green Valley **Unit:** Flare flow meter

Section 1 - All Events

Type of Event	Military Time Date/Time Start	Military Time Date/Time End	Duration Hours	Event Code (see page 2)	SOP Followed? Yes	SOP Followed? No
Startup			0.00	4	☑	☐
Shutdown			0.00		☐	☐
Malfunction	7/16/15 11:45	8/20/15 8:40	836.92	4	Complete section 2 Below	

Date Form Filled Out: 09/08/15 Signature: *Paul D. Flory*

* Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan

** If SOP in SSM Plan was not followed, notify personnel on "Contact List".

Section 2 - Malfunction Events Only

Step	Corrective Action Procedures for All Malfunctions	√ Check one of the following for each step: Procedure Completed	Procedure Not Applicable
1.	Determine if landfill gas is being released to the air (can you smell landfill gas, or measure/detect gas flow?)	☑	☐
2.	If landfill gas is being released to the air, notify personnel on "Contact List".	☐	☑
3.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment, or the landfill gas control equipment.	☑	☐
4.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow.	☐	☑
5.	If control device or other system component is shutdown, follow Shutdown SOP and complete Section 1 0 "Shutdown".	☑	☐
6.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.	☑	☐
7.	If additional personnel needed, notify qualified personnel: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #7.a.	☐	☑
8.	Start malfunction diagnosis.	☑	☐
9.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).	☑	☐
10.	If additional resources needed, contact qualified resource: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #10.a.	☐	☑
11.	Fix the malfunction.	☑	☐
12.	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates in boxes in Section 1 of this form.	☑	☐
13.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	☑	☐
14.	Sign this form and place it in the Start-up, Shutdown, Malfunction file.	☑	☐
15.	If the procedures listed above were not followed, notify personnel on "Contact List".	☐	☑

NOTES: Rental flow meter was improperly calibrated. Unit is reading too high. Old unit was repaired and installed.

For Start-ups and Shutdowns

Note:

Startup: *The setting in operation of an affected source or portion of an affected source for any purpose.*

Code / Event

- ☐ 1 Maintenance
- ☐ 2 Suspected Collection System Malfunction
- ☐ 3 Suspected Control Device Malfunction
- ☑ **4 Suspected Continuous Monitoring System Malfunction (Temperature/Flow/Other)**
- ☐ 5 Training
- ☐ 6 Gas System Construction/Expansion
- ☐ 7 Suspected Treatment System Malfunction
- ☐ 99 Other (Describe)

For Malfunctions

Notes: **Green Valley** **Flare flow meter**

Malfunction: *Any sudden, infrequent and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.*

Code **Event**

- ☐ 10 Automatic shutdown of control device by designed protective systems
- ☐ 11 Auto dialer Callout
- ☐ 12 Shutdown alarms that result in the device not shutting down
- ☐ 13 Unalarmed shutdown
- ☐ 14 Control Device Smoking
- ☐ 15 Inspection identified malfunction
- ☐ 16 Loss of power - utility down
- ☐ 17 Loss of power - unknown
- ☐ 18 Damaged Well, Header, or Lateral Piping
- ☐ 19 Leaks at wellheads, valves, flanges, test ports, seals, couplings, etc.
- ☐ 20 Condensate knock-out problems
- ☐ 21 Collection piping blockages
- ☐ 22 Problems due to settlement
- ☐ 23 Loss of phase
- ☐ 24 Blower overload condition
- ☐ 25 Blower bearing failure
- ☐ 26 Broken belts (if belt-drive) or broken coupling (if direct-drive) in blower
- ☐ 27 Continuous Monitoring System Malfunction - Thermocouple
- ☐ 28 Continuous Monitoring System Malfunction - UV Scanner
- ☐ 29 Continuous Monitoring System Malfunction - Flow Monitor
- ☐ 30 Continuous Monitoring System Malfunction - Flow Recorder
- ☐ 31 Continuous Monitoring System Malfunction - Temperature Recorder
- ☐ 32 Act of God (i.e., lightening, wind, etc.)
- ☐ 99 Other (Describe)

Startup/Shutdown/Malfunction Report Form

Monitoring Control and Compliance, Inc.

Landfill: Green Valley **Unit:** Flare

Section 1 - All Events

Type of Event	Military Time Date/Time Start	Military Time Date/Time End	Duration Hours	Event Code (see page 2)	SOP Followed? Yes	SOP Followed? No
Startup	8/20/15 9:04	8/20/15 9:05	0.02		☐	☐
Shutdown	8/20/15 8:40	8/20/15 8:41	0.02		☐	☐
Malfunction			0.00		Complete section 2 Below	

Date Form Filled Out: 09/08/15 Signature: *Paul D. Flory*

* Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan

** If SOP in SSM Plan was not followed, notify personnel on "Contact List".

Section 2 - Malfunction Events Only

Step	Corrective Action Procedures for All Malfunctions	√ Check one of the following for each step: Procedure Completed	Procedure Not Applicable
1.	Determine if landfill gas is being released to the air (can you smell landfill gas, or measure/detect gas flow?)	☐	☐
2.	If landfill gas is being released to the air, notify personnel on "Contact List".	☐	☐
3.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment, or the landfill gas control equipment.	☐	☐
4.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow.	☐	☐
5.	If control device or other system component is shutdown, follow Shutdown SOP and complete Section 1 0 "Shutdown".	☐	☐
6.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.	☐	☐
7.	If additional personnel needed, notify qualified personnel: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #7.a.	☐	☐
8.	Start malfunction diagnosis.	☐	☐
9.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).	☐	☐
10.	If additional resources needed, contact qualified resource: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #10.a.	☐	☐
11.	Fix the malfunction.	☐	☐
12.	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates in boxes in Section 1 of this form.	☐	☐
13.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	☐	☐
14.	Sign this form and place it in the Start-up, Shutdown, Malfunction file.	☐	☐
15.	If the procedures listed above were not followed, notify personnel on "Contact List".	☐	☐

NOTES: shutdown to install flare flow meter

For Start-ups and Shutdowns

Note:

Startup: *The setting in operation of an affected source or portion of an affected source for any purpose.*

Code / Event

- ☑ **1 Maintenance**
- ☐ 2 Suspected Collection System Malfunction
- ☐ 3 Suspected Control Device Malfunction
- ☐ 4 Suspected Continuous Monitoring System Malfunction (Temperature/Flow/Other)
- ☐ 5 Training
- ☐ 6 Gas System Construction/Expansion
- ☐ 7 Suspected Treatment System Malfunction
- ☐ 99 Other (Describe)

For Malfunctions

Notes: **Green Valley** **Flare**

Malfunction: *Any sudden, infrequent and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.*

	Code	Event
☐	10	Automatic shutdown of control device by designed protective systems
☐	11	Auto dialer Callout
☐	12	Shutdown alarms that result in the device not shutting down
☐	13	Unalarmed shutdown
☐	14	Control Device Smoking
☐	15	Inspection identified malfunction
☐	16	Loss of power - utility down
☐	17	Loss of power - unknown
☐	18	Damaged Well, Header, or Lateral Piping
☐	19	Leaks at wellheads, valves, flanges, test ports, seals, couplings, etc.
☐	20	Condensate knock-out problems
☐	21	Collection piping blockages
☐	22	Problems due to settlement
☐	23	Loss of phase
☐	24	Blower overload condition
☐	25	Blower bearing failure
☐	26	Broken belts (if belt-drive) or broken coupling (if direct-drive) in blower
☐	27	Continuous Monitoring System Malfunction - Thermocouple
☐	28	Continuous Monitoring System Malfunction - UV Scanner
☐	29	Continuous Monitoring System Malfunction - Flow Monitor
☐	30	Continuous Monitoring System Malfunction - Flow Recorder
☐	31	Continuous Monitoring System Malfunction - Temperature Recorder
☐	32	Act of God (i.e., lightening, wind, etc.)
☐	99	Other (Describe)

Startup/Shutdown/Malfunction Report Form

Monitoring Control and Compliance, Inc.

Landfill: Green Valley **Unit:** Flare

Section 1 - All Events

Type of Event	Military Time Date/Time Start	Military Time Date/Time End	Duration Hours	Event Code (see page 2)	SOP Followed? Yes	SOP Followed? No
Startup	8/20/15 12:24	8/20/15 12:25	0.02		☐	☐
Shutdown	8/20/15 12:00	8/20/15 12:01	0.02		☐	☐
Malfunction			0.00		Complete section 2 Below	

Date Form Filled Out: 09/08/15 Signature: *Paul D. Flory*

* Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan

** If SOP in SSM Plan was not followed, notify personnel on "Contact List".

Section 2 - Malfunction Events Only

Step	Corrective Action Procedures for All Malfunctions	√ Check one of the following for each step: Procedure Completed	Procedure Not Applicable
1.	Determine if landfill gas is being released to the air (can you smell landfill gas, or measure/detect gas flow?)	☐	☐
2.	If landfill gas is being released to the air, notify personnel on "Contact List".	☐	☐
3.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment, or the landfill gas control equipment.	☐	☐
4.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow.	☐	☐
5.	If control device or other system component is shutdown, follow Shutdown SOP and complete Section 1 0 "Shutdown".	☐	☐
6.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.	☐	☐
7.	If additional personnel needed, notify qualified personnel: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #7.a.	☐	☐
8.	Start malfunction diagnosis.	☐	☐
9.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).	☐	☐
10.	If additional resources needed, contact qualified resource: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #10.a.	☐	☐
11.	Fix the malfunction.	☐	☐
12.	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates in boxes in Section 1 of this form.	☐	☐
13.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	☐	☐
14.	Sign this form and place it in the Start-up, Shutdown, Malfunction file.	☐	☐
15.	If the procedures listed above were not followed, notify personnel on "Contact List".	☐	☐

NOTES: shutdown to install flare flow meter

For Start-ups and Shutdowns

Note:

Startup: *The setting in operation of an affected source or portion of an affected source for any purpose.*

Code / Event

- ☑ **1 Maintenance**
- ☐ 2 Suspected Collection System Malfunction
- ☐ 3 Suspected Control Device Malfunction
- ☐ 4 Suspected Continuous Monitoring System Malfunction (Temperature/Flow/Other)
- ☐ 5 Training
- ☐ 6 Gas System Construction/Expansion
- ☐ 7 Suspected Treatment System Malfunction
- ☐ 99 Other (Describe)

For Malfunctions

Notes: **Green Valley** **Flare**

Malfunction: *Any sudden, infrequent and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.*

Code **Event**

- ☐ 10 Automatic shutdown of control device by designed protective systems
- ☐ 11 Auto dialer Callout
- ☐ 12 Shutdown alarms that result in the device not shutting down
- ☐ 13 Unalarmed shutdown
- ☐ 14 Control Device Smoking
- ☐ 15 Inspection identified malfunction
- ☐ 16 Loss of power - utility down
- ☐ 17 Loss of power - unknown
- ☐ 18 Damaged Well, Header, or Lateral Piping
- ☐ 19 Leaks at wellheads, valves, flanges, test ports, seals, couplings, etc.
- ☐ 20 Condensate knock-out problems
- ☐ 21 Collection piping blockages
- ☐ 22 Problems due to settlement
- ☐ 23 Loss of phase
- ☐ 24 Blower overload condition
- ☐ 25 Blower bearing failure
- ☐ 26 Broken belts (if belt-drive) or broken coupling (if direct-drive) in blower
- ☐ 27 Continuous Monitoring System Malfunction - Thermocouple
- ☐ 28 Continuous Monitoring System Malfunction - UV Scanner
- ☐ 29 Continuous Monitoring System Malfunction - Flow Monitor
- ☐ 30 Continuous Monitoring System Malfunction - Flow Recorder
- ☐ 31 Continuous Monitoring System Malfunction - Temperature Recorder
- ☐ 32 Act of God (i.e., lightening, wind, etc.)
- ☐ 99 Other (Describe)

Startup/Shutdown/Malfunction Report Form

Monitoring Control and Compliance, Inc.

Landfill: Green Valley **Unit:** Flare

Section 1 - All Events

Type of Event	Military Time Date/Time Start	Military Time Date/Time End	Duration Hours	Event Code (see page 2)	SOP Followed? Yes	SOP Followed? No
Startup	8/25/15 10:00	8/25/15 10:01	0.02	6	☑	☐
Shutdown	8/25/15 9:38	8/25/15 9:39	0.02		☐	☐
Malfunction			0.00	6	Complete section 2 Below	

Date Form Filled Out: 09/08/15 Signature: *Paul D. Flory*

* Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan

** If SOP in SSM Plan was not followed, notify personnel on "Contact List".

Section 2 - Malfunction Events Only

Step	Corrective Action Procedures for All Malfunctions	√ Check one of the following for each step: Procedure Completed	Procedure Not Applicable
1.	Determine if landfill gas is being released to the air (can you smell landfill gas, or measure/detect gas flow?)	☐	☐
2.	If landfill gas is being released to the air, notify personnel on "Contact List".	☐	☐
3.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment, or the landfill gas control equipment.	☐	☐
4.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow.	☐	☐
5.	If control device or other system component is shutdown, follow Shutdown SOP and complete Section 1 0 "Shutdown".	☐	☐
6.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.	☐	☐
7.	If additional personnel needed, notify qualified personnel: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #7.a.	☐	☐
8.	Start malfunction diagnosis.	☐	☐
9.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).	☐	☐
10.	If additional resources needed, contact qualified resource: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #10.a.	☐	☐
11.	Fix the malfunction.	☐	☐
12.	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates in boxes in Section 1 of this form.	☐	☐
13.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	☐	☐
14.	Sign this form and place it in the Start-up, Shutdown, Malfunction file.	☐	☐
15.	If the procedures listed above were not followed, notify personnel on "Contact List".	☐	☐

NOTES: Continuous pilot install

For Start-ups and Shutdowns

Note:

Startup: *The setting in operation of an affected source or portion of an affected source for any purpose.*

Code / Event

- ☐ 1 Maintenance
- ☐ 2 Suspected Collection System Malfunction
- ☐ 3 Suspected Control Device Malfunction
- ☐ 4 Suspected Continuous Monitoring System Malfunction (Temperature/Flow/Other)
- ☐ 5 Training
- ☑ **6 Gas System Construction/Expansion**
- ☐ 7 Suspected Treatment System Malfunction
- ☐ 99 Other (Describe)

For Malfunctions

Notes: **Green Valley** **Flare**

Malfunction: *Any sudden, infrequent and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.*

Code **Event**

- ☐ 10 Automatic shutdown of control device by designed protective systems
- ☐ 11 Auto dialer Callout
- ☐ 12 Shutdown alarms that result in the device not shutting down
- ☐ 13 Unalarmed shutdown
- ☐ 14 Control Device Smoking
- ☐ 15 Inspection identified malfunction
- ☐ 16 Loss of power - utility down
- ☐ 17 Loss of power - unknown
- ☐ 18 Damaged Well, Header, or Lateral Piping
- ☐ 19 Leaks at wellheads, valves, flanges, test ports, seals, couplings, etc.
- ☐ 20 Condensate knock-out problems
- ☐ 21 Collection piping blockages
- ☐ 22 Problems due to settlement
- ☐ 23 Loss of phase
- ☐ 24 Blower overload condition
- ☐ 25 Blower bearing failure
- ☐ 26 Broken belts (if belt-drive) or broken coupling (if direct-drive) in blower
- ☐ 27 Continuous Monitoring System Malfunction - Thermocouple
- ☐ 28 Continuous Monitoring System Malfunction - UV Scanner
- ☐ 29 Continuous Monitoring System Malfunction - Flow Monitor
- ☐ 30 Continuous Monitoring System Malfunction - Flow Recorder
- ☐ 31 Continuous Monitoring System Malfunction - Temperature Recorder
- ☐ 32 Act of God (i.e., lightening, wind, etc.)
- ☐ 99 Other (Describe)

Startup/Shutdown/Malfunction Report Form

Monitoring Control and Compliance, Inc.

Landfill: Green Valley **Unit:** Flare

Section 1 - All Events

Type of Event	Military Time Date/Time Start	Military Time Date/Time End	Duration Hours	Event Code (see page 2)	SOP Followed? Yes	SOP Followed? No
Startup	8/25/15 12:24	8/25/15 12:25	0.02	6	☑	☐
Shutdown	8/25/15 11:08	8/25/15 11:09	0.02		☐	☐
Malfunction			0.00	6	Complete section 2 Below	

Date Form Filled Out: 09/08/15 Signature: *Paul D. Flory*

* Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan

** If SOP in SSM Plan was not followed, notify personnel on "Contact List".

Section 2 - Malfunction Events Only

Step	Corrective Action Procedures for All Malfunctions	√ Check one of the following for each step: Procedure Completed	Procedure Not Applicable
1.	Determine if landfill gas is being released to the air (can you smell landfill gas, or measure/detect gas flow?)	☐	☐
2.	If landfill gas is being released to the air, notify personnel on "Contact List".	☐	☐
3.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment, or the landfill gas control equipment.	☐	☐
4.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow.	☐	☐
5.	If control device or other system component is shutdown, follow Shutdown SOP and complete Section 1 0 "Shutdown".	☐	☐
6.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.	☐	☐
7.	If additional personnel needed, notify qualified personnel: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #7.a.	☐	☐
8.	Start malfunction diagnosis.	☐	☐
9.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).	☐	☐
10.	If additional resources needed, contact qualified resource: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #10.a.	☐	☐
11.	Fix the malfunction.	☐	☐
12.	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates in boxes in Section 1 of this form.	☐	☐
13.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	☐	☐
14.	Sign this form and place it in the Start-up, Shutdown, Malfunction file.	☐	☐
15.	If the procedures listed above were not followed, notify personnel on "Contact List".	☐	☐

NOTES: Continuous pilot install

For Start-ups and Shutdowns

Note:

Startup: *The setting in operation of an affected source or portion of an affected source for any purpose.*

Code / Event

- ☐ 1 Maintenance
- ☐ 2 Suspected Collection System Malfunction
- ☐ 3 Suspected Control Device Malfunction
- ☐ 4 Suspected Continuous Monitoring System Malfunction (Temperature/Flow/Other)
- ☐ 5 Training
- ☑ **6 Gas System Construction/Expansion**
- ☐ 7 Suspected Treatment System Malfunction
- ☐ 99 Other (Describe)

For Malfunctions

Notes: **Green Valley** **Flare**

Malfunction: *Any sudden, infrequent and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.*

	Code	Event
☐	10	Automatic shutdown of control device by designed protective systems
☐	11	Auto dialer Callout
☐	12	Shutdown alarms that result in the device not shutting down
☐	13	Unalarmed shutdown
☐	14	Control Device Smoking
☐	15	Inspection identified malfunction
☐	16	Loss of power - utility down
☐	17	Loss of power - unknown
☐	18	Damaged Well, Header, or Lateral Piping
☐	19	Leaks at wellheads, valves, flanges, test ports, seals, couplings, etc.
☐	20	Condensate knock-out problems
☐	21	Collection piping blockages
☐	22	Problems due to settlement
☐	23	Loss of phase
☐	24	Blower overload condition
☐	25	Blower bearing failure
☐	26	Broken belts (if belt-drive) or broken coupling (if direct-drive) in blower
☐	27	Continuous Monitoring System Malfunction - Thermocouple
☐	28	Continuous Monitoring System Malfunction - UV Scanner
☐	29	Continuous Monitoring System Malfunction - Flow Monitor
☐	30	Continuous Monitoring System Malfunction - Flow Recorder
☐	31	Continuous Monitoring System Malfunction - Temperature Recorder
☐	32	Act of God (i.e., lightening, wind, etc.)
☐	99	Other (Describe)

Startup/Shutdown/Malfunction Report Form

Monitoring Control and Compliance, Inc.

Landfill: Green Valley **Unit:** Flare

Section 1 - All Events

Type of Event	Military Time Date/Time Start	Military Time Date/Time End	Duration Hours	Event Code (see page 2)	SOP Followed? Yes	SOP Followed? No
Startup	8/25/15 13:04	8/25/15 13:05	0.02	6	☑	☐
Shutdown	8/25/15 12:40	8/25/15 12:41	0.02		☐	☐
Malfunction			0.00	6	Complete section 2 Below	

Date Form Filled Out: 09/08/15 Signature: *Paul D. Flory*

* Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan

** If SOP in SSM Plan was not followed, notify personnel on "Contact List".

Section 2 - Malfunction Events Only

Step	Corrective Action Procedures for All Malfunctions	√ Check one of the following for each step: Procedure Completed	Procedure Not Applicable
1.	Determine if landfill gas is being released to the air (can you smell landfill gas, or measure/detect gas flow?)	☐	☐
2.	If landfill gas is being released to the air, notify personnel on "Contact List".	☐	☐
3.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment, or the landfill gas control equipment.	☐	☐
4.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow.	☐	☐
5.	If control device or other system component is shutdown, follow Shutdown SOP and complete Section 1 0 "Shutdown".	☐	☐
6.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.	☐	☐
7.	If additional personnel needed, notify qualified personnel: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #7.a.	☐	☐
8.	Start malfunction diagnosis.	☐	☐
9.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).	☐	☐
10.	If additional resources needed, contact qualified resource: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #10.a.	☐	☐
11.	Fix the malfunction.	☐	☐
12.	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates in boxes in Section 1 of this form.	☐	☐
13.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	☐	☐
14.	Sign this form and place it in the Start-up, Shutdown, Malfunction file.	☐	☐
15.	If the procedures listed above were not followed, notify personnel on "Contact List".	☐	☐

NOTES: Continuous pilot install

For Start-ups and Shutdowns

Note:

Startup: *The setting in operation of an affected source or portion of an affected source for any purpose.*

Code / Event

- ☐ 1 Maintenance
- ☐ 2 Suspected Collection System Malfunction
- ☐ 3 Suspected Control Device Malfunction
- ☐ 4 Suspected Continuous Monitoring System Malfunction (Temperature/Flow/Other)
- ☐ 5 Training
- ☑ **6 Gas System Construction/Expansion**
- ☐ 7 Suspected Treatment System Malfunction
- ☐ 99 Other (Describe)

For Malfunctions

Notes: **Green Valley** **Flare**

Malfunction: *Any sudden, infrequent and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.*

	Code	Event
☐	10	Automatic shutdown of control device by designed protective systems
☐	11	Auto dialer Callout
☐	12	Shutdown alarms that result in the device not shutting down
☐	13	Unalarmed shutdown
☐	14	Control Device Smoking
☐	15	Inspection identified malfunction
☐	16	Loss of power - utility down
☐	17	Loss of power - unknown
☐	18	Damaged Well, Header, or Lateral Piping
☐	19	Leaks at wellheads, valves, flanges, test ports, seals, couplings, etc.
☐	20	Condensate knock-out problems
☐	21	Collection piping blockages
☐	22	Problems due to settlement
☐	23	Loss of phase
☐	24	Blower overload condition
☐	25	Blower bearing failure
☐	26	Broken belts (if belt-drive) or broken coupling (if direct-drive) in blower
☐	27	Continuous Monitoring System Malfunction - Thermocouple
☐	28	Continuous Monitoring System Malfunction - UV Scanner
☐	29	Continuous Monitoring System Malfunction - Flow Monitor
☐	30	Continuous Monitoring System Malfunction - Flow Recorder
☐	31	Continuous Monitoring System Malfunction - Temperature Recorder
☐	32	Act of God (i.e., lightening, wind, etc.)
☐	99	Other (Describe)

Startup/Shutdown/Malfunction Report Form

Monitoring Control and Compliance, Inc.

Landfill: Green Valley **Unit:** Flare

Section 1 - All Events

Type of Event	Military Time Date/Time Start	Military Time Date/Time End	Duration Hours	Event Code (see page 2)	SOP Followed? Yes	SOP Followed? No
Startup	8/26/15 10:16	8/26/15 10:17	0.02	6	☑	☐
Shutdown	8/26/15 9:12	8/26/15 9:13	0.02		☐	☐
Malfunction			0.00	6	Complete section 2 Below	

Date Form Filled Out: 09/08/15 Signature: *Paul D. Flory*

* Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan

** If SOP in SSM Plan was not followed, notify personnel on "Contact List".

Section 2 - Malfunction Events Only

Step	Corrective Action Procedures for All Malfunctions	√ Check one of the following for each step: Procedure Completed	Procedure Not Applicable
1.	Determine if landfill gas is being released to the air (can you smell landfill gas, or measure/detect gas flow?)	☐	☐
2.	If landfill gas is being released to the air, notify personnel on "Contact List".	☐	☐
3.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment, or the landfill gas control equipment.	☐	☐
4.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow.	☐	☐
5.	If control device or other system component is shutdown, follow Shutdown SOP and complete Section 1 0 "Shutdown".	☐	☐
6.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.	☐	☐
7.	If additional personnel needed, notify qualified personnel: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #7.a.	☐	☐
8.	Start malfunction diagnosis.	☐	☐
9.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).	☐	☐
10.	If additional resources needed, contact qualified resource: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #10.a.	☐	☐
11.	Fix the malfunction.	☐	☐
12.	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates in boxes in Section 1 of this form.	☐	☐
13.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	☐	☐
14.	Sign this form and place it in the Start-up, Shutdown, Malfunction file.	☐	☐
15.	If the procedures listed above were not followed, notify personnel on "Contact List".	☐	☐

NOTES: Continuous pilot install

For Start-ups and Shutdowns

Note:

Startup: *The setting in operation of an affected source or portion of an affected source for any purpose.*

Code / Event

- ☐ 1 Maintenance
- ☐ 2 Suspected Collection System Malfunction
- ☐ 3 Suspected Control Device Malfunction
- ☐ 4 Suspected Continuous Monitoring System Malfunction (Temperature/Flow/Other)
- ☐ 5 Training
- ☑ **6 Gas System Construction/Expansion**
- ☐ 7 Suspected Treatment System Malfunction
- ☐ 99 Other (Describe)

For Malfunctions

Notes: **Green Valley** **Flare**

Malfunction: *Any sudden, infrequent and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.*

	Code	Event
☐	10	Automatic shutdown of control device by designed protective systems
☐	11	Auto dialer Callout
☐	12	Shutdown alarms that result in the device not shutting down
☐	13	Unalarmed shutdown
☐	14	Control Device Smoking
☐	15	Inspection identified malfunction
☐	16	Loss of power - utility down
☐	17	Loss of power - unknown
☐	18	Damaged Well, Header, or Lateral Piping
☐	19	Leaks at wellheads, valves, flanges, test ports, seals, couplings, etc.
☐	20	Condensate knock-out problems
☐	21	Collection piping blockages
☐	22	Problems due to settlement
☐	23	Loss of phase
☐	24	Blower overload condition
☐	25	Blower bearing failure
☐	26	Broken belts (if belt-drive) or broken coupling (if direct-drive) in blower
☐	27	Continuous Monitoring System Malfunction - Thermocouple
☐	28	Continuous Monitoring System Malfunction - UV Scanner
☐	29	Continuous Monitoring System Malfunction - Flow Monitor
☐	30	Continuous Monitoring System Malfunction - Flow Recorder
☐	31	Continuous Monitoring System Malfunction - Temperature Recorder
☐	32	Act of God (i.e., lightening, wind, etc.)
☐	99	Other (Describe)

ATTACHMENT G

Pump Count Table

Technician: Paul Flory/Zack Ankney
Date: 2015

GREEN VALLEY PUMP COUNTER INFORMATION

Pumps	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
DL-7	354574	360751	361330	375275	383160	393800	401398	410086	420111				
DL-8	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed				
CK-1	587085	597136	607640	616958	625426	637105	649674	661482	672405				
CK-2	267063	271873	275462	279617	283847	292388	301210	313481	328987				
CK-3	134655	156625	177239	191461	208380	234365	254295	273255	293583				
CK-4	112614	117128	117185	123617	139015	147687	149325	153029	158794				
CK-H	72953	190722	235250	400956	595941	920787	954053	8248	295966				
Toe Drain	574542	600997	601004	734031	909569	316960	416,494	429777	429777				
GRNVLPW1	13506	13510	13510	27866	32348	44690	52,359	52422	60396				
[redacted]	20067	20067	20074	23313	42302	50415	55,176	154692	163674				
RS1	332	341	341	1082	1082	1096	1,096	6386	11291				
RS2	1554	1557	1557	1557	1557	1557	1,560	1560	1560				
RS3							205	No Counter	200				
GRNVLY04	295052	DECOM	DECOM	DECOM	DECOM	DECOM	DECOM	DECOM	DECOM				
GRNVLY7R	193730	213038	224133	296710	319138	379659	424078	452974	452974				
GRNVL08R	70471	71211	71737	73640	74385	76129	77001	78284	78628				
GRNVL10R	608	608	608	608	608	612	612	612	612				
GRNVL13R	153277	155525	157755	161294	161477	167527	169786	176485	183106				
GRNVL18R	295	295	295	295	295	295	297	304	304				
GRNVLY21	70	70	70	96	96	96	363	713	713				
GRNVLY23	204	204	204	204	204	204	204	217	217				
GRNVLY25	201803	204096	205063	213931	218863	229204	236186	242506	242506				
GRNVL26R	156954	156954	156954	156954	156954	156954	156954	156964	156964				
[redacted]	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed				
GRNVLY28	85378	89133	91130	105270	110591	123147	129679	140034	146660				
GRNVLY29	120186	120186	120186	120186	120186	120201	120201	120201	120211				
[redacted]	844703	845294	845294	845294	845294	845294	845294	845294	845294				
GRNVLY35	19652	19652	19652	19654	19654	19654	19654	19654	19686				
[redacted]	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed				
GRNVL41R	98744	98756	98773	98796	98796	Removed	Removed	Removed	Removed				
GRNV41R2							19073	33906	40996				
GRNV43R2							53872	104678	114331				
GRNV44R2							260	263	275				
GRNV46R3							961	3133	3133				
GRNV47R2							168601	371653	462700				
GRNVL49R	5411	9296	9793	13623	16959	22432	33352	52832	73896				
[redacted]	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed				
GRNVL54R	472803	495387	497012	510382	5993	43275	43275	43275	58219				
GRNVLY55	2053	2179	7651	7663	7663	7663	8091	8541	9425				
GRNVLY56	59805	60609	62086	64382	65012	65991	91165	104095	105818				
GRNVLY57	11721	12209	12424	13518	13845	14639	15148	324727	325430				
GRNVLY58	303	303	306	2172	2950	3625	3636	4159	4518				
GRNVL59R	116803	120409	121569	122299	123412	127113	130646	135990	143970				
GRNVL60R	240	241	241	251	251	251	22176	123734	123745				
GRNVLY61	873205	873205	873210	885153	885153	Too tall	Too tall	906899	917153				
GRNVLY62	45950	46121	29979	46131	46131	46139	122871	146179	160280				
GRNVL63R2							13285	77128	140079				
GRNV64R2	816335	13323	299791	300866	313659	366641	398934	472746	486374				

ATTACHMENT H

Cover Integrity Inspection

Monthly Cover Integrity Inspection

Surface Monitoring Design Plan

LANDFILL: Green Valley - 2015

Monitoring Control and Compliance, Inc.

Month	Cover integrity problems found during the inspection	Date Site Notified MCC/Republic Initials	Date Repairs Made Republic Initials	Site Remediation
January 2015	Distressed vegetation on Unit I near EW17R2. Site is addressing erosion and seeps on Unit II. There is additional cover on the top deck and north slope. North slope, south slope and top deck have been seeded. Erosion rills on Unit I between EW17R2 and EW36. Minor odors in the area between EW41R and EW43R and near EW47R. Erosion patterns forming in recent construction area near HW6 remote. Erosion patterns near RS1 and RS2.	1/22/2015 ZA		
February 2015	Distressed vegetation on Unit I near EW17R2. Site is addressing erosion and seeps on Unit II. There is additional cover on the top deck and North slope. North slope, south slope and top deck have been seeded. Erosion rills on Unit I between EW17R2 and EW36. Minor odors in the area between EW41R and EW43R and near EW47R. Erosion patterns forming in recent construction area near HW6 remote. Erosion patterns near RS1 and RS2. Leachate seep near toe drain on Unit I.	2/3/2015 ZA		
March 2015	Distressed vegetation on Unit I near EW17R2. Site is addressing erosion and seeps on Unit II. There is additional cover on the top deck and North slope. North slope, south slope and top deck have been seeded. Erosion rills on Unit I between EW17R2 and EW36. Minor odors in the area between EW41R and EW43R and near EW47R. Erosion patterns forming in recent construction area near HW6 remote have been addressed. Erosion patterns near RS1 and RS2. Leachate seep near toe drain on Unit I. North slope of Unit II was snow covered during inspection.	3/3/2015 ZA		
April 2015	Distressed vegetation and leachate seep on Unit I near EW17R2. Soft spot between EW17R2 and EW36. Site is addressing erosion and seeps on Unit II. There is additional cover on the top deck and North slope. North slope, south slope and top deck have been seeded. Erosion rills on Unit I between EW17R2 and EW36. Minor odors in the area between EW41R and EW43R and near EW47R. Erosion patterns forming in recent construction area near HW6 remote have been addressed. Erosion patterns near RS1 and RS2. Leachate seep near toe drain on Unit I. Leachate seeps forming on North slope of Unit II near HW5 remote and between PW2 and HW3.	4/2/2015 ZA		
May 2015	Distressed vegetation and leachate seep on Unit I near EW17R2. Soft spot between EW17R2 and EW36. Site is addressing erosion and seeps on Unit II. North slope has been completely regraded and looks great. Some lingering leachate stains near HW5, RS1, and RS2. Erosion rills on Unit I between EW17R2 and EW36. Leachate seep near toe drain on Unit I.	5/5/2015 ZA		
June 2015	Distressed vegetation and leachate seep on Unit I near EW17R2. Soft spot between EW17R2 and EW36. Site is addressing erosion and seeps on Unit II. North slope has been completely regraded and looks great. Some lingering leachate stains near HW5, RS1, and RS2. Erosion rills on Unit I between EW17R2 and EW36. Leachate seep near toe drain on Unit I.	6/1/2015 ZA		
July 2015	Distressed vegetation and leachate seep on Unit I near EW17R2. Soft spot between EW17R2 and EW36. Site is addressing erosion and seeps on Unit II. North slope has been completely regraded and looks great. Some lingering leachate stains near HW5, RS1, and RS2. Minor gas seeps between HW5 and HW7. Erosion rills on Unit I between EW17R2 and EW36. Erosion rills forming in the bottom third of North slope of Unit II most likely due to severity of grade.	7/2/2015 ZA		
August 2015	Distressed vegetation and leachate seep on Unit I near EW17R2. Soft spot between EW17R2 and EW36 and near EW16. Site is addressing erosion and seeps on Unit II. North slope has been completely regraded and looks great. Some lingering leachate stains near HW5, RS1, and RS2. Minor gas seeps between HW5 and HW7. Erosion rills on Unit I between EW17R2 and EW36. Erosion rills forming in the bottom third of North slope of Unit II most likely due to severity of grade.	8/5/2015 ZA		
September 2015				
October 2015				
November 2015				
December 2015				

ATTACHMENT I

Additional Miscellaneous Information

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: 28

Site Information

Technician	Toby Thompson
Date	8/12/2015
Site	Green Valley
Pump Type	AP4 Plus
Pump ID	49555
Tri-Tubing Diameter	N/A
Well Diameter	8'
Well Construction	PVC
Depth to Liquid (ft)	52ft
Well Depth (ft)	79ft
Drill log Depth (ft)	N/A
Pump Set Depth (ft)	60ft
Pump Operational	Yes

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments
Counter	X		Count: 144578
Wellhead with compression fittings	X		
Hoses	X		
Hose Barbs	X		
Clamps	X		
Quick Connect Fittings	X		
Regulator	X		Setpoint (psi): N/A
Regulator Particulat Filter	X		
Condensation Trap	X		
Air Line PSI	X		PSI N/A
FM Pressure	N/A		PSI N/A

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Air was shut off for jetting project. Cleaned and reinstalled pump.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: 44R2

Site Information

Technician	Toby Thompson
Date	8/12/2015
Site	Green Valley
Pump Type	AP4 Plus
Pump ID	41529
Tri-Tubing Diameter	N/A
Well Diameter	8'
Well Construction	PVC
Depth to Liquid (ft)	35ft
Well Depth (ft)	91.4ft
Drill log Depth (ft)	N/A
Pump Set Depth (ft)	90ft 10in
Pump Operational	Yes

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments
Counter	X		Count: 263
Wellhead with compression fittings	X		
Hoses	X		
Hose Barbs	X		
Clamps	X		
Quick Connect Fittings	X		
Regulator	X		Setpoint (psi): N/A
Regulator Particulat Filter	X		
Condensation Trap	X		
Air Line PSI	X		PSI N/A
FM Pressure	N/A		PSI N/A

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Air was shut off for jetting project. Cleaned and reinstalled pump.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: 55

Site Information

Technician	Toby Thompson
Date	8/12/2015
Site	Green Valley
Pump Type	AP4 Plus
Pump ID	43437
Tri-Tubing Diameter	N/A
Well Diameter	6'
Well Construction	HDPE
Depth to Liquid (ft)	50.2
Well Depth (ft)	60
Drill log Depth (ft)	N/A
Pump Set Depth (ft)	54
Pump Operational	Yes

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments
Counter	X		Count: 9292
Wellhead with compression fittings	X		
Hoses	X		
Hose Barbs	X		
Clamps	X		
Quick Connect Fittings	X		
Regulator	X		Setpoint (psi): N/A
Regulator Particulat Filter	X		
Condensation Trap	X		
Air Line PSI	X		PSI N/A
FM Pressure	N/A		PSI N/A

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Air was shut off for jetting project. Cleaned and reinstalled pump.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: EW61

Site Information

Technician	Zack Ankney
Date	8/19/15
Site	Green Valley
Pump Type	AP4+
Pump ID	S/N: 4-3417
Tri-Tubing Diameter	3/4"
Well Diameter	6
Well Construction	HDPE
Depth to Liquid (ft)	33.6
Well Depth (ft)	61.2
Drill log Depth (ft)	
Pump Set Depth (ft)	49.5
Pump Operational	No

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments
Counter	x		Count: 917153
Wellhead with compression fittings	x		
Hoses	x		
Hose Barbs	x		
Clamps	x		
Quick Connect Fittings	x		
Regulator	x		Setpoint (psi): 83
Regulator Particulat Filter	x		
Condensation Trap	x		
Air Line PSI			PSI
FM Pressure			PSI

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Pulled, inspected, and cleaned pump. Required extensive cleaning. Replaced tri tubing to match proper set depth. Pump currently set at 59'. Cycling properly.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: 54R

Site Information

Technician	Zack Ankney
Date	8/19/15
Site	Green Valley
Pump Type	AP4+
Pump ID	S/N: 4-9556
Tri-Tubing Diameter	3/4"
Well Diameter	6
Well Construction	HDPE
Depth to Liquid (ft)	30.3
Well Depth (ft)	66.6
Drill log Depth (ft)	
Pump Set Depth (ft)	64
Pump Operational	No

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments
Counter	x		Count: 43275
Wellhead with compression fittings	x		
Hoses	x		
Hose Barbs	x		
Clamps	x		
Quick Connect Fittings	x		
Regulator	x		Setpoint (psi): 88
Regulator Particulat Filter	x		
Condensation Trap	x		
Air Line PSI			PSI
FM Pressure			PSI

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Pulled, inspected, and cleaned pump. Required extensive cleaning. Cycling properly.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: EW57

Site Information

Technician	Zack Ankney
Date	8/19/15
Site	Green Valley
Pump Type	AP4+
Pump ID	S/N: 4-9557
Tri-Tubing Diameter	3/4"
Well Diameter	6
Well Construction	HDPE
Depth to Liquid (ft)	41.4
Well Depth (ft)	47.2
Drill log Depth (ft)	
Pump Set Depth (ft)	46.3
Pump Operational	No

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments
Counter	x		Count: 324761
Wellhead with compression fittings	x		
Hoses	x		
Hose Barbs	x		
Clamps	x		
Quick Connect Fittings	x		
Regulator	x		Setpoint (psi): 81
Regulator Particulat Filter	x		
Condensation Trap	x		
Air Line PSI			PSI
FM Pressure			PSI

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Pulled, inspected, and cleaned pump. Discharge line had come disconnected from pump fitting. Reattached and reclamped discharge line. Cycling properly.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: PW1

Site Information

Technician	Zack Ankney
Date	8/19/15
Site	Green Valley
Pump Type	AP4+
Pump ID	S/N: 4-3359
Tri-Tubing Diameter	3/4"
Well Diameter	6
Well Construction	HDPE
Depth to Liquid (ft)	23.3
Well Depth (ft)	34.6
Drill log Depth (ft)	
Pump Set Depth (ft)	33
Pump Operational	No

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments
Counter	x		Count: 52422
Wellhead with compression fittings	x		
Hoses	x		
Hose Barbs	x		
Clamps	x		
Quick Connect Fittings	x		
Regulator	x		Setpoint (psi): 91
Regulator Particulat Filter	x		
Condensation Trap	x		
Air Line PSI			PSI
FM Pressure			PSI

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Pulled, inspected, and cleaned pump. Water in air line caused pump to stall. Bled water from line. Cycling properly.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: Toe Drain

Site Information

Technician	Zack Ankney
Date	8/19/15
Site	Green Valley
Pump Type	AP4+
Pump ID	S/N: 4-9553
Tri-Tubing Diameter	3/4"
Well Diameter	8
Well Construction	HDPE
Depth to Liquid (ft)	11.6
Well Depth (ft)	15.2
Drill log Depth (ft)	
Pump Set Depth (ft)	14.5
Pump Operational	No

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments
Counter	x		Count: 429777
Wellhead with compression fittings	x		
Hoses	x		
Hose Barbs	x		
Clamps	x		
Quick Connect Fittings	x		
Regulator	x		Setpoint (psi): 94
Regulator Particulat Filter	x		
Condensation Trap	x		
Air Line PSI			PSI
FM Pressure			PSI

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Pulled, inspected, and cleaned pump. Required extensive cleaning. Cycling properly.

Parts Required for Repair/Replacement

Green Valley Landfill
Over 58% Methane Table
August 2015

Well ID	1/8/15	1/22/15	2/3/15	2/17/15	3/3/15	3/18/15	4/2/15	4/17/15	5/5/15	5/20/15	6/1/15	6/16/15	7/2/15	7/27/15	8/5/15	8/20/15	Field Comment	Suggested fix
GRNV17R2		59.6				59.5												
GRNV27RR					61.8													Additonal Tuning
GRNV50R3						58												
GRNV64R2		59.4				58.9		58.9	59.1								max applied	
GRNV65R2	59.5		60.5			61.4											Previously out of compliance for O2	Additonal Tuning
GRNVL08R					58.3													Additonal Tuning
GRNVL10R					63.5						63.2	62.4	61.7					Additonal Tuning
GRNVL13R		58	61.8	61.1		60.4				63.2	58.5		60	59.1			Pump has been repaired	Additional tuning
GRNVL18R						58.4							58.1					Additional tuning
GRNVL26R						58.4								59.4			Max applied	
GRNVL38R					67.2													Additonal Tuning
~~GRNVL41R~~			~~61.7~~		~~64.1~~	~~62.1~~		~~63~~									~~DECOMMISSIONED~~	~~DECOMMISSIONED~~
GRNV41R2										61	61.4	63.3	63.1	63.4			New install	Additional Tuning
GRNV43R2										61.7	61.6	60.5	61.2	61.3	60.7	61.3	New install	Additional Tuning
GRNV44R2										60.9	60.4	58.2					New install, pump stalled due to FM pressure	Jet FM
GRNV46R3										60.6							Pump stalled due to FM pressure	Jet FM
~~GRNVL47R~~					~~61.1~~				~~58.8~~								~~DECOMMISSIONED~~	~~DECOMMISSIONED~~
GRNV47R2										62.5	61.7	59.1	59.3			59.3	New install	Additional tuning
GRNVL49R	62.2		58.4		62.2	61.1		62.1		62.5	63	61	61.7	61.3	60	61.5	FM Restricted, max applied	Jetting or Jumper Line
GRNVL52R			58.2		62.3	63.3		63.7	63.1	61.5	60.3	60.2	59.4	58.8			Max applied	Pump stuck in well
GRNVL54R					63.9	66							58.8	60.6			Max applied	Additonal Tuning
GRNVL59R											62.6	60.7	61.8	62.8			Max applied	
GRNVL60R		61.2									59.3	61.8	63.3				was positive pressure	Additonal Tuning
GRNV63R2										59.9	61.1	61.5	61.3	61.6	60.3	60.3	New install	Additonal Tuning
GRNV64R2										60.1				58.2			max applied	
GRNVCO02							58.7										Max applied	
GRNVLHW1			64.1					65.8					59.1				Burp variance	Additonal Tuning
GRNVLHW3					61.8			63.9										Additonal Tuning
GRNVLHW4								62.6								59.5		Additonal Tuning
GRNVLHW5	63.2				62			61	60.2							60.6		Additonal Tuning
GRNVLHW6		59	59.4			62.9	59.2	62										Additonal Tuning
GRNVLHW7			60.2					60.5					59.7					Additonal Tuning
GRNVLHW8			59.9					59.7										Additonal Tuning
GRNVLHW9										60.9							New install	
GRNVLPW1					61	61.5		61.4		60.7			61			59.3	max applied	Pump stuck in well
GRNVLPW2			59.5		58.6		60.1	59	59.1				59.4				Max applied	Pump stuck in well
GRNVLY01					60.1	61.7	59.5							61.4			max applied	Additonal Tuning
GRNVLY02					62.5	61.3								58.7			max applied	Additonal Tuning
GRNVLY03	59.6	60.7			61.9	61.8	61.8	62.1	62.2	59.3			61.6	60.3	59		Max applied	
GRNVLY12			58.7			58.7		60.2									Max applied	
GRNVLY16		62.1				61			60.6					60.1			Max applied	
GRNVLY19						61												
GRNVLY20						60.2												
GRNVLY21						61.2		61.4	61.2	59.8	60.5	59.6	61.8	60.8	59.3	59.1	Max applied	
GRNVLY22		62.1				62.6	60.6	62.7	62.1	58.8				61.1	60.3		Max applied	
GRNVLY23					58.7	59.2	58.9	59	59.8					60.8	58.2			Additional tuning
GRNVLY24														58.7				Additional tuning
GRNVLY25						60												
GRNVLY28						59.3		60.7	60.6	60.1			60.8	59.5				Additonal Tuning
GRNVLY30			61.6			59		62.9					58.8					Additonal Tuning
GRNVLY31						59.1							59.8	60.4	59.1			Additonal Tuning
GRNVLY34						59.8												
GRNVLY35					59.3													Additonal Tuning
GRNVLY36						58.8												
GRNVLY37					58.7	64.3												Additonal Tuning
GRNVLY55	58.3				62.7	60.7		62.3	62.2	61.6	61.4	60.7	61.2	59.6	60.3	59.6	Force main restricted	Jetting or Jumper Line
GRNVLY56					58	59.7							60.4				Max applied	
GRNVLY57					60.5	59.9		59.5									Max applied	
GRNVLY58					59.5	59.8		61.1										Additonal Tuning
GRNVLY61							68.6		59.5	63.8		62.6					Was out for O2 last round, FM pressure	Jet FM
GRNVLY62						60.2					58.3	59.1					Was positive pressure	

Total wells 58%	5	8	12	1	23	35	8	23	13	18	14	14	23	21	9	9
Monitoring points	63	63	63	63	63	63	63	63	63	63	64	64	64	64	64	64
Percentage	7.94%	12.70%	19.05%	1.59%	36.51%	55.56%	12.70%	36.51%	20.63%	28.57%	21.88%	21.88%	35.94%	32.81%	14.06%	14.06%

	January	February	March	April	May	June	July	August
Month Total	12	12	44	26	24	15	31	13
	19.05%	19.05%	69.84%	41.27%	38.10%	23.44%	48.44%	20.31%

LFG Extraction Well Liquid Levels
Site Name: Green Valley

AUGUST 2015

Well ID	Well ID (GEM/ Envision ID)	Date of Reading	Ground Surface Elevation at time of Liquid Level Measurement (ft)	TOC to Ground Surface (Measured in Field) (ft)	TOC to Liquid (ft)	TOC to bottom of well or obstruction (ft)	Pump Installed?	TOC to top of Pump (ft)	Pump Cycle Count	Comments
GRNVLY28	GRNVLY28	8/12/15			52	79	Y		144578	Air was shut off for jetting project. Cleaned and reinstalled pump.
GRNV44R2	GRNV44R2	8/12/15			35	91.4	Y		263	Air was shut off for jetting project. Cleaned and reinstalled pump.
GRNVLY55	GRNVLY55	8/12/15			50.2	60	Y		9292	Air was shut off for jetting project. Cleaned and reinstalled pump.
GRNVL54R	GRNVL54R	8/19/15			30.3	66.6	Y		43275	Pulled, inspected, and cleaned pump. Required extensive cleaning. Cycling properly.
GRNVLY57	GRNVLY57	8/19/15		5.5	41.4	47.2	Y		324761	Pulled, inspected, and cleaned pump. Discharge line had come disconnected from pump fitting. Reattached and reclamped discharge line. Cycling properly.
GRNVLY61	GRNVLY61	8/19/15		4.5	33.6	61.2	Y		917153	Pulled, inspected, and cleaned pump. Required extensive cleaning. Replaced tri-tubing to match proper set depth. Pump currently set at 59'. Cycling properly.
Toe Drain	Toe Drain	8/19/15			11.6	15.2	Y		429777	Pulled, inspected, and cleaned pump. Required extensive cleaning. Cycling properly.
GRNVLPW1	GRNVLPW1	8/19/15		4.5	23.3	34.7	Y		52422	Pulled, inspected, and cleaned pump. Water in air line caused pump to stall. Bled water from line. Cycling properly.

Calibration Precision Record

Monitoring Control and Compliance, Inc.

Landfill Name: **Green Valley 3rd Quarter Initial**

Monitoring Date: Tuesday, August 25, 2015 Performed By: Zack Ankney

Time: 9:00:00 Expiration Date: 11/25/2015

Instrument Make/Model: Photovac Micro FiD Serial Number CZUD313

Calibration Gas Standard: 500.0 ppm CH4 (STD)

Measurement #1:

Meter Reading for zero air 0.0 ppm (1)

Meter Reading for Calibration Gas: 500.3 ppm (2)

Measurement #2:

Meter Reading for zero air 0.0 ppm (3)

Meter Reading for Calibration Gas: 498.6 ppm (4)

Measurement #3:

Meter Reading for zero air 0.0 ppm (5)

Meter Reading for Calibration Gas 497.4 ppm (6)

Calculate Precision:

= **0.25** % (result must be less than +/- 10%)

((STD-(2)+(STD-(4)+(STD-(6))/3 x (1/500) x (100/1)

Instrument Response Time Record

Landfill Name: **Green Valley 3rd Quarter Initial**

Monitoring Date: Tuesday, August 25, 2015 Time: 9:00:00

Instrument Make/Model: Photovac Micro FiD Serial Number CZUD313

Measurement #1

Stabilized Reading using calibation gas 500.3 ppm

90% of the stabilized reading = 450.27 ppm

Time to reach 90% of stabilized reading after switching from zero air to calibration gas. 13 seconds (1)

Measurement #2

Stabilized reading using calibration gas 498.6 ppm

90% of the stabilized reading = 448.74 ppm

Time to reach 90% of stabilized reading after switching from zero air to calibration gas. 13 seconds (2)

Measurement #3

Stabilized reading using calibration gas 497.4 ppm

90% of the stabilized reading = 447.66 ppm

Time to reach 90% of stabilized reading after switching from zero air to calibration gas. 12 seconds (3)

Calculate Response Time = 12.67 seconds (must be less than 30 seconds)

(1) + (2) + (3) / 3

Performed By: Zack Ankney Date: 8/25/15

Calibration Procedure and Background Report

Landfill Name: **Green Valley 3rd Quarter Initial**

Instrument Make/Model: Photovac Micro FiD Serial Number CZUD313

Calibration Procedure

1. Allow instrument to zero itself while introducing zero air.
2. Introduce calibration gas into the probe.
   Stabilized reading = 501.7 ppm
3. Adjust meter settings to read 500 ppm

Backround Determination Procedure

1. Upwind background reading (highest in 30 seconds) 3.4 ppm (1)
2. Downwind reading (highest in 30 seconds) 3.8 ppm (2)

Calculate Background Value: (1) + (2) / 2

Background = 3.6 ppm

Performed By: Zack Ankney

Date: 08/25/15 Time: 9:00:00

Quarterly Surface Monitoring Log Sheet

Landfill Name: **Green Valley 3rd Quarter Initial**

Performed By: Zack Ankney

Date: Tuesday, August 25, 2015

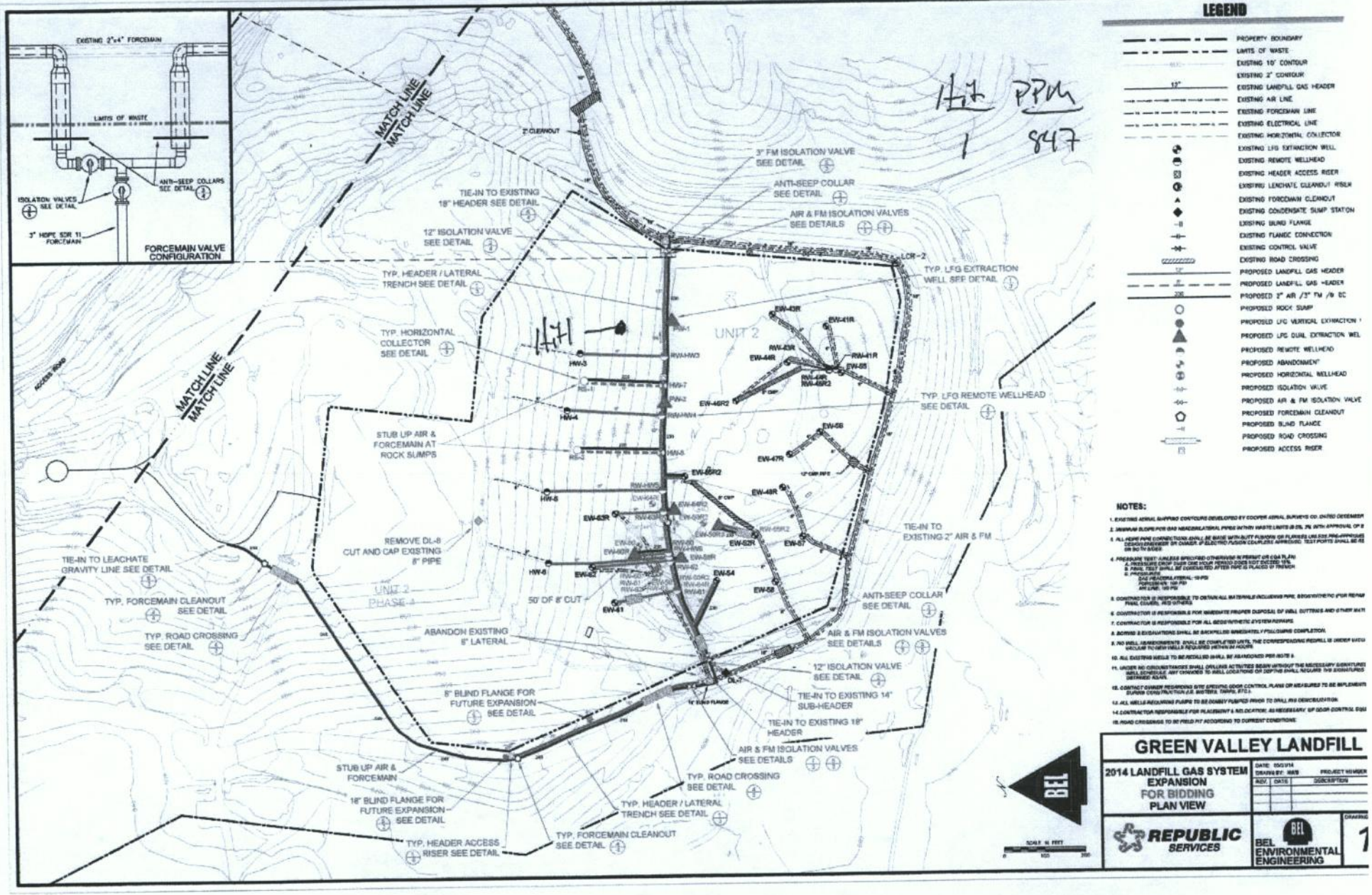
Start Time: 9:00:00

Exceedance Identifier	Location and Time	Concentration of Exceedance (ppm)
Hit 1	50 yards North of PW-1 @ 09:28	847

WEATHER CONDITIONS:

Temperature:	77 ° F
Barametric Pressure:	30 In.
Wind Speed/Direction:	NNW @ 4 MPH
Conditions:	Partly Cloudy

Green Valley 3rd Quarter 2015 Initial 8/25/15



GAS PROBE MONITORING
Green Valley Landfill
3rd Quarter 2015

Date: 8/25/2015 *PERSONNEL:* Zachary Ankney

PROBE ID	STATIC PRESSURE	METHANE %	LEL %	OXYGEN %	DEPTH TO WATER ft.	COMMENTS
MP1	0.0	0.0	0.0	14.2	16.7	Lock Installed
MP2	0.0	0.0	0.0	20.8	11.3	Lock Installed
MP3	0.0	0.0	0.0	22	157.8	Lock Installed
MP4	0.0	0.0	0.0	19.9	38.5	Lock Installed

Notes:

Indicator: Envision Firm: MCC
Calibration gas: 15% Methane: 15% Carbon Dioxide:
Weather Conditions: Partly Cloudy
Temperature: 77 F

Certification: 9/4/2015
Signature Date

PERMANENT METHANE MONITORS
OPERATIONAL CHECK
Green Valley Landfill
3rd Quarter 2015

Date: 9/4/2015 *PERSONNEL:* Zachary Ankney

Structure	Inspection Time	Monitor Model No.	Unit Serial No.	Monitor Location	Operational and Calibrated? Y/N	COMMENTS
Office	13:34	Sierra 2001	991915	Main Hall	Yes	
Shop Office	13:23	Sierra 2001	199m	South Wall	Yes	
Compressor Building	13:39	Sierra 2001	249GAM	North Wall	Yes	
Scalehouse	13:20	Sierra 2001	0029m	North Wall	Yes	
Scalehouse Conex	13:25	Sierra 2001	250GAM	West Wall	Yes	
File Shed	13:23	Sierra 2001	0025m	West Wall	Yes	
Landfill Shop	13:31	Sierra 2001	0059m	West Wall	Yes	

Certification:  9/4/2015

Signature Date

STRUCTURAL CHECK
Green Valley Landfill
3rd Quarter 2015

Date: 9/4/2015 *PERSONNEL:* Zachary Ankney

Structure	Date	Inspection Time	Monitored Location	LEL %	COMMENTS
Office	9/4/2015	13:34	Lowest	0.0	
Shop Office	9/4/2015	13:28	Lowest	0.0	
Scalehouse	9/4/2015	13:20	Lowest	0.0	
Compressor Building	9/4/2015	13:39	Lowest	0.0	
File Shed	9/4/2015	13:23	Lowest	0.0	
Scalehouse Conex	9/4/2015	13:25	Lowest	0.0	
Landfill Shop	9/4/2015	13:31	Lowest	0.0	

Certification: _____ 9/4/2015
Signature Date

Monitoring Control and Compliance, Inc.

METER CALIBRATION FORM

DATE: 8/25/2015

Meter Date and Time Match [X] Yes [ ] No

SITE: Green Valley

TECHNICIAN: Zachary Ankney

METER SERIAL #: ENV1003018

METER TYPE #: Envision

ARRIVAL TIME: 8:25

DEPARTURE TIME: 15:30

Calibration Number 1

Time: 13:55 Temp: 77 F

Lot #: 50% CH4/35% CO2/ Balance Gas _____

Lot #: 15% CH4 / 15% CO2/ Balance Gas 15% CH4/ 15% CO2

Lot #: 4% O2/Balance Gas 4% O2

Calibration Number 2

Time: _____ Temp: _____

Lot #: 50% CH4/35% CO2/ Balance Gas _____

Lot #: 15% CH4 / 15% CO2/ Balance Gas _____

Lot #: 4% O2/Balance Gas _____

Calibration Number 3

Time: _____ Temp: _____

Lot #: 50% CH4/35% CO2/ Balance Gas _____

Lot #: 15% CH4 / 15% CO2/ Balance Gas _____

Lot #: 4% O2/Balance Gas _____

Field Technician Signature: _____ Date: 9/4/2015

Monitoring Control and Compliance, Inc.

October 8, 2015

Mr. Kim Cecil
Green Valley Landfill General Partnership
PO Box 9
Rush, KY 41168

Subject: Monthly LFG Report for September 2015
Green Valley Landfill – Ashland, Kentucky

Dear Mr. Cecil:

Monitoring Control and Compliance, Inc. (MCC) is submitting the following monthly landfill gas system monitoring and information report for the Green Valley Landfill using information collected during the month of September 2015.

In this report you will find the following:

- Plant, flare and blower operation summaries.
- Summary of the monthly wellhead monitoring results including well compliance issues.
- Discussion of O & M activities throughout the month, including compliance related issues and recommendations for improvements.
- Data collected and compiled while performing monthly activities.
- Gas system monitoring data.

If you have any questions or comments, please feel free to contact me at (614) 395-5766 or at paul.flory@landfillgasom.com.

Sincerely,

Monitoring Control and Compliance, Inc.

Paul D. Flory
Regional Manager

CC: William L. (Bill) Chlebowy, P.E.
Ron Clark
Dana Oleniacz

SEPTEMBER 2015 MONTHLY REPORT

Control System Operations

Initial Flare Readings

During the September 4, 2015 monitoring event, the gas quality at the blower inlet was 46.3% CH4, 33.3% CO2, 1.6% O2 and 18.8% balance gas. The applied vacuum to the wellfield was -31.02 inches of water and the flow was 820 SCFM.

Final Flare Readings

At the end of the tuning event on September 17, 2015, the gas quality going to the blower inlet was 50.6% CH4, 32.9% CO2, 1.0% O2 and 15.5% balance gas. The applied vacuum to the wellfield was -31.15 inches of water and the flow was 810 SCFM.

The flare operated for 435 hours with an average 213 SCFM during September 2015.

Table 1- 1 Control System Down Time Report

Start time	End Time	Comments
9/4 09:20	9/5 08:08	Unknown system shutdown
9/9 16:24	9/10 12:16	Power Failure-Utility down
9/17 09:20	9/17 09:52	Flare shutdown-install motor starter
9/24 12:24	9/24 16:32	Unknown system shutdown

SSM forms for the applicable period can be found in Attachment F.

Monthly Wellhead Monitoring Results

There are a total of 64 monitoring points (56 wells, 7 horizontal wells, and one leachate cleanout riser) associated with, and monitored, as part of the monthly monitoring events.

- Three (3) wells exceeded the NSPS regulatory limits for temperature, oxygen or pressure for a period of greater than 15 days (table 2-1);
- Fifteen (15) wells exceeded the 58% methane target level set forth in the site's standard operating procedures (SOP); see attachment E.
- Twenty-one (21) wells exceeded the 52% methane target level set forth in the site's standard operating procedures (SOP); see attachment E.
- Twenty-seven (27) wells recorded methane concentrations below the site's SOP of 48% see attachment E.
- Two (2) wells recorded flow below the site's SOP of 5 SCFM see attachment E.

A copy of the **Landfill Gas System Monitoring Data**, to be placed in the Operating Record, can be viewed in Attachment B.

Equipment calibration information for the September 2015 Landfill Gas System Monitoring Data can also be viewed in Attachment C.

Wells found to be operating outside of Republic's standard operating procedures (SOP) during the month of September 2015 are shown in Attachment E.

Table 2-1 (below) indicates wells operating outside of the NSPS operational parameters for more than 15 days during the month of September 2015.

Table 2-1: September 2015 - Wells Operating Outside NSPS Standards for greater than 15 days

Extraction Well No.	Parameter	Comments
GRNV65R2	O2	Operated outside NSPS standards from 5/5/15 through 9/17/15. Back within standards from 9/17/15 through the end of September 2015.
GRNVLHW6	O2	Operated outside NSPS standards from 8/5/15 through end of September 2015 (has burp variance).
GRNVLHW9	O2	Operated outside NSPS standards from 6/1/15 through the end of September 2015 (has burp variance).
GRNVLY61	O2	Operated outside NSPS standards from 7/27/15 through end of September 2015.

Collection System Operations and Maintenance

During the month of September, MCC performed multiple tasks in support of the landfill gas collection system:

- Zero wells were activated during the month of September 2015.
- Zero wells were decommissioned during the month of September 2015.
- Pump maintenance was completed on:
  - 59R
  - 35
  - 07R
  - 60R

  These reports can be viewed in Attachment I.
- Four liquid levels were read during the month of September. This report is presented in Attachment I.
- Recorded pump counts; A copy of the pump counts are presented in Attachment G.
- A rental flow meter was installed in the plant line. Awaiting return from FCI after annual calibration.

Quarterly Surface Emissions Monitoring

The 3rd quarter Initials Surface Emission Monitoring was completed on August 25, 2015. The area found to be greater than the surface methane operational standard passed the 10 day and 1-month remonitoring checks.

This report is presented in Attachment I.

Perimeter Probe and Building Monitoring

The 3rd quarter 2015 perimeter probe and on-site structure monitoring were completed on August 25, 2015. A new monitor was installed in the storage container outside of the

maintenance building. It is now up and operational. No issues were found.

Recommendations

Based on well field readings and along with investigations, MCC recommends Republic consider the following items be addressed:

- HW01, EW04, and 65R2 need to be properly decommissioned.
- The lateral PW-2 holds liquids. The line should be regraded or a drain can be installed.
- A pump cleaning station should be built to assist with pump maintenance.
- The lines to the continuous pilot will need to be insulated and heat traced before winter.
- The sump across from the flare should be insulated before winter.
- The continuous pilot will need to be insulated and hooked into the condensate system.
- The wellfield could use some replacement hose barbs and regulator assemblies.
- MCC will be on site October 17th and 18th to install replacement 4x8 dual contain FM.

This report contains the following appendices':

Attachment A – Flare Chart Records
Attachment B – Landfill Gas System Monitoring Data
Attachment C – Gas meter calibration records
Attachment D – O & M Form
Attachment E – Wellfield SOP summary
Attachment F– SSM Forms (if required)
Attachment G – Pump Count Table (if required)
Attachment H – Cover Integrity Inspection (if required)
Attachment I – Additional miscellaneous information
Attachment J – Annual Rolling Data Table

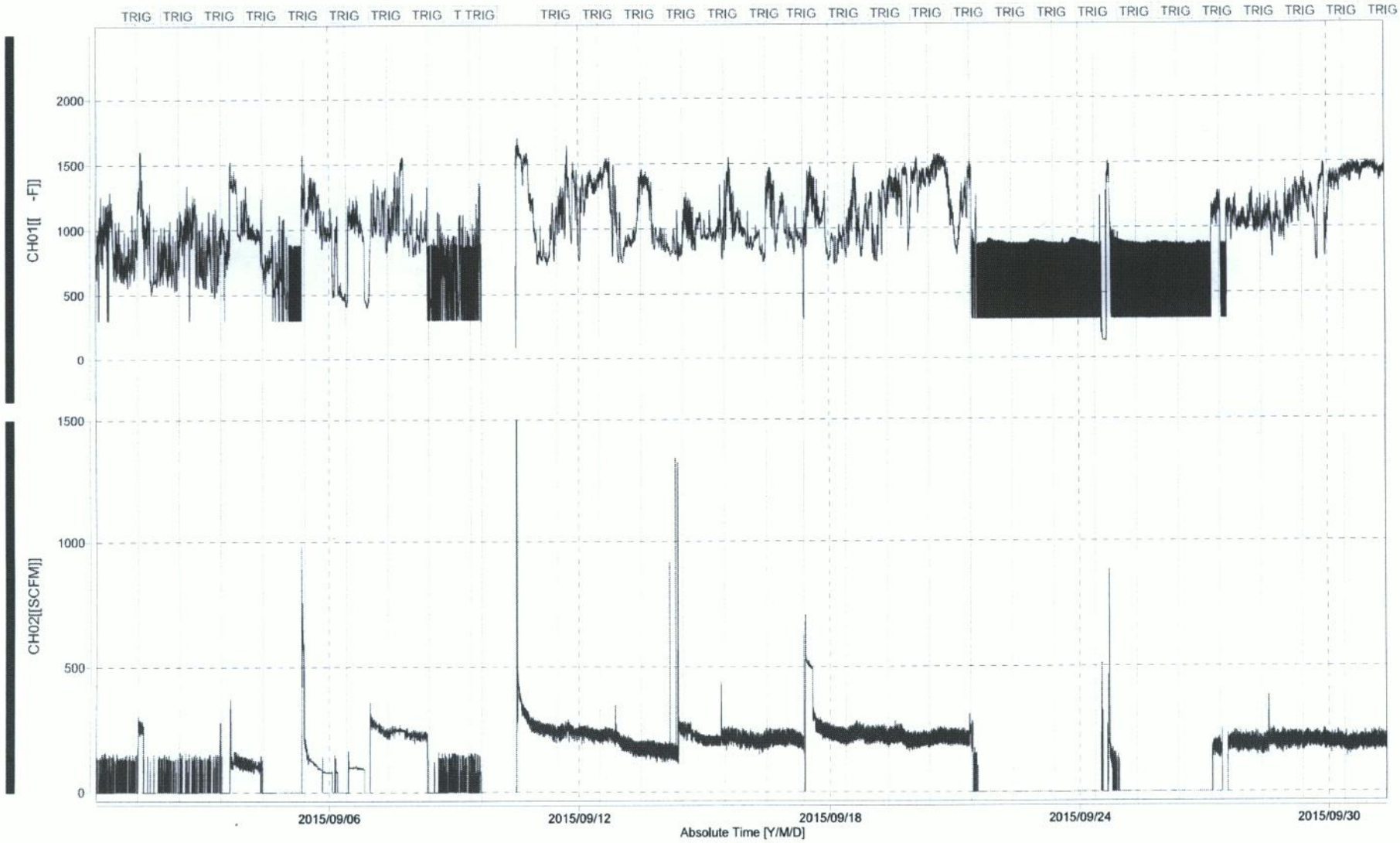
ATTACHMENT A

Flare Chart Records

File Name	: 83110005.DDS,...,93009285.DDS
Device Type	: FX100
Serial No.	: S5DB05975
File Message	:
Time Correction	: None
Starting Condition	: Auto
Dividing Condition	: Auto
Meas Ch.	: 5
Math Ch.	: 4

Data Count	: 5576
Sampling Interval	: 480.000 sec
Start Time	: 2015/08/31 10:00:00.000
Stop Time	: 2015/10/01 09:20:00.000
Trigger Time	: 2015/10/01 09:20:00.000
Trigger No.	: 5575
Damage Check	: Not Damaged

Printed Group	: FLARE DATA
Printed Range	: 2015/08/31 10:00:00.000 - 2015/10/01 09:20:00.000
Comment	:



ATTACHMENT B

Landfill Gas System Monitoring Data

Green Valley Landfill
Wellfield Monitoring Data - September 2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
HW1	9/4/2015 9:43	12.3	20.6	3.3	63.8	-0.01		83	5		-27.15	No Change; No Repair Needed; Fair
HW1	9/17/2015 12:28	60.9	36.9	0	2.2	0.03	-0.01	89	6	8	-25.9	Slightly Open; No Repair Needed;
HW1	9/17/2015 12:29	61.2	37.4	0	1.4	-0.01		88	12		-25.59	2nd Reading; No Repair Needed;
HW3	9/4/2015 8:04	15.5	15.3	13.5	55.7	-0.02	0.08	85	7	2	-30.47	Slightly Closed; No Repair Needed;
HW3	9/4/2015 8:05	14.7	10	13.8	61.5	0.09	0.08	84	4	2	-30.86	No Change; No Repair Needed; Fair
HW3	9/4/2015 8:06	15.2	9.6	13.9	61.3	0.06		84	5		-28.1	2nd Reading; No Repair Needed; Fair; variance
HW3	9/17/2015 10:12	60.3	39.6	0.1	0	0.11	-0.04	82	13	13	-30.6	Slightly Open; No Repair Needed;
HW3	9/17/2015 10:13	61	38.9	0.1	0	-0.1		82	13		-30.9	2nd Reading; No Repair Needed;
HW4	9/4/2015 7:56	24.8	23.3	6	45.9	-0.96	-0.56	85	13	6	-30.6	Slightly Closed; No Repair Needed;
HW4	9/4/2015 7:56	24.8	22.1	6	47.1	-0.06		84	6		-30.86	2nd Reading; No Repair Needed;
HW4	9/17/2015 10:03	61.1	38.9	0	0	0.3	-0.04	84	12	12	-31.59	Slightly Open; No Repair Needed;
HW4	9/17/2015 10:04	60.7	39	0	0.3	-0.19		83	13		-30.51	2nd Reading; No Repair Needed;
HW5	9/4/2015 7:50	29.3	24	6.8	39.9	-0.48	-0.11	84	10	6	-31.55	Slightly Closed; No Repair Needed;
HW5	9/4/2015 7:51	29.2	22.9	7	40.9	-0.02		84	5		-31.16	2nd Reading; No Repair Needed;
HW5	9/17/2015 9:54	60.2	38.6	0	1.2	0.08	-0.05	84	15	13	-30.34	Slightly Open; No Repair Needed;
HW5	9/17/2015 9:56	60.6	39.3	0	0.1	-0.26		82	13		-31.12	2nd Reading; No Repair Needed;
HW6	9/4/2015 8:54	4.2	5.9	19.3	70.6	-7.2	-7.2	80	5	5	-30.21	No Change; No Repair Needed; Fair; valve completely closed
HW6	9/4/2015 8:55	20.2	8.5	13.8	57.5	-7.25		81	9		-30.82	2nd Reading; No Repair Needed;
HW6	9/17/2015 11:01	10.1	9	17.2	63.7	-5.48	-5.48	87	11	10	-30.69	No Change; No Repair Needed; Fair; valve completely closed
HW6	9/17/2015 11:02	27.5	16.1	11	45.4	-5.52		89	12		-30.47	2nd Reading; No Repair Needed;
HW7	9/4/2015 8:01	40.4	31.4	4	24.2	-0.16	-0.08	105	26	24	-30.86	Slightly Closed; No Repair Needed;
HW7	9/4/2015 8:01	40.3	31.1	4	24.6	-0.03		105	17		-30.56	2nd Reading; No Repair Needed;
HW7	9/17/2015 10:09	57.6	39.6	0.1	2.7	-0.05	-0.12	98	23	26	-30.51	Slightly Open; No Repair Needed;
HW7	9/17/2015 10:09	57.3	39.8	0.1	2.8	-0.17		98	28		-30.51	2nd Reading; No Repair Needed;
HW8	9/4/2015 7:53	41.8	31.2	2.2	24.8	-0.03		100	14		-31.2	No Change; No Repair Needed;
HW8	9/17/2015 9:58	53.3	38.9	0.1	7.7	0.04	-0.01	97	12	13	-31.07	Slightly Open; No Repair Needed;
HW8	9/17/2015 9:59	53.6	38.3	0.1	8	-0.03		97	14		-30.86	2nd Reading; No Repair Needed;
HW9	9/4/2015 8:11	11.2	13.2	13.7	61.9	0.12	0.12	95	9	10	-28.74	No Change; No Repair Needed; Fair
HW9	9/4/2015 8:12	10.9	9.1	14.1	65.9	0.12		95	5		-31.16	2nd Reading; No Repair Needed;
HW9	9/17/2015 10:17	31.4	24.4	5.3	38.9	0.13	0.13	87	10	11	-30.82	No Change; No Repair Needed; Fair
HW9	9/17/2015 10:18	31.8	23.6	5.3	39.3	0.13		88	11		-30.73	2nd Reading; No Repair Needed;
PW1	9/4/2015 8:08	61	32.5	0.3	6.2	12.25	-4.44	98	28	24	-25.64	Slightly Open; No Repair Needed; Good; 60396
PW1	9/4/2015 8:09	59.3	39.2	0.5	1	-16.48		102	21		-26.15	2nd Reading; No Repair Needed;
PW1	9/17/2015 10:15	60.2	38.8	0.1	0.9	-3.43		99	33		-30.51	No Change; No Repair Needed;

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
PW2	9/4/2015 7:59	57.9	34.4	0.3	7.4	-29.94		115	11		-30.47	No Change; No Repair Needed; Fair; 191139; surging
PW2	9/17/2015 10:06	58.8	39.7	0	1.5	-30.03		115	14		-30.82	No Change; No Repair Needed;
W08R	9/4/2015 10:29	51.8	36.3	0.4	11.5	-2.55		91	7		-19.25	No Change; No Repair Needed;
W08R	9/17/2015 13:14	49	35.2	0.2	15.6	-1.84		96	7		-21.67	No Change; No Repair Needed;
W10R	9/4/2015 10:50	55.1	35.8	0.4	8.7	-1.64		125	34		-19.64	No Change; No Repair Needed;
W10R	9/17/2015 13:35	57	36.9	0.2	5.9	-1.31	-1.47	125	31	34	-24.26	Slightly Open; No Repair Needed;
W10R	9/17/2015 13:36	56.7	37.7	0.2	5.4	-1.56		125	16		-20.03	2nd Reading; No Repair Needed;
W13R	9/4/2015 9:46	49	34.6	0.5	15.9	-15.31		112	17		-20.28	No Change; No Repair Needed;
W13R	9/17/2015 12:31	53.3	36.6	0.5	9.6	-18.16		112	13		-24.9	No Change; No Repair Needed;
W17R2	9/4/2015 10:21	44.1	33.2	0.3	22.4	-11.04	-10.35	104	50	42	-19.68	Slightly Closed; No Repair Needed;
W17R2	9/4/2015 10:22	44	33.1	0.3	22.6	-10.01		104	35		-19.42	2nd Reading; No Repair Needed;
W17R2	9/17/2015 13:08	49.8	33.6	0.1	16.5	-9.58		104	45		-23.31	No Change; No Repair Needed;
W18R	9/4/2015 10:43	50.9	34.3	0.6	14.2	-8.93		97	13		-27.45	No Change; No Repair Needed;
W18R	9/17/2015 13:27	53	36.2	0.4	10.4	-7.98		96	15		-26.41	No Change; No Repair Needed;
W26R	9/4/2015 9:32	44.3	33.4	0.2	22.1	-15.83	-14.62	99	22	21	-26.33	Slightly Closed; No Repair Needed; Good; 156964
W26R	9/4/2015 9:33	44.3	34	0.2	21.5	-13.81		99	15		-26.46	2nd Reading; No Repair Needed;
W26R	9/17/2015 12:17	49.7	36.1	0	14.2	-11.6		99	27		-25.94	No Change; No Repair Needed;
W27RR	9/4/2015 12:02	51.9	36.3	0	11.8	-1.73		124	9		-27.97	No Change; No Repair Needed;
W27RR	9/17/2015 13:47	52.8	35.3	0.2	11.7	-1.33		123	8		-26.28	No Change; No Repair Needed;
W32R	9/4/2015 10:47	53.6	35.9	0.4	10.1	-18.94		128	25		-27.06	No Change; No Repair Needed;
W32R	9/17/2015 13:31	55	36.5	0.2	8.3	-17.86	-18.51	128	23	34	-24.21	Slightly Open; No Repair Needed; Good; 845294
W32R	9/17/2015 13:32	54.9	37.2	0.2	7.7	-19.54		128	32		-26.63	2nd Reading; No Repair Needed;
W38R	9/4/2015 10:52	50.9	34.3	0.4	14.4	-2.23		124	5		-17	No Change; No Repair Needed;
W38R	9/17/2015 13:39	53	35.5	0.2	11.3	-1.79		124	10		-13.81	No Change; No Repair Needed;
W41R2	9/4/2015 8:18	44.7	32	0.1	23.2	-17.47	-16.78	110	16	15	-28.1	Slightly Closed; No Repair Needed; Good; 44580
W41R2	9/4/2015 8:19	44.9	30.5	0.1	24.5	-15.62		109	14		-26.72	2nd Reading; No Repair Needed;
W41R2	9/17/2015 10:25	51.2	34	0.1	14.7	-15.62		109	15		-31.12	No Change; No Repair Needed;
W43R2	9/4/2015 8:15	61	36.9	0.2	1.9	-26.57		99	18		-27.71	No Change; No Repair Needed;
W43R2	9/17/2015 10:22	60.2	38.3	0.1	1.4	-29.29		100	17		-30.13	No Change; No Repair Needed;
W44R2	9/4/2015 8:27	29.4	21.5	10.6	38.5	-1.05	-0.15	110	64	28	-33.58	Slightly Closed; No Repair Needed;
W44R2	9/4/2015 8:29	44.4	29.1	4.9	21.6	-0.14		106	12		-30.04	2nd Reading; No Repair Needed;
W44R2	9/17/2015 10:33	59	38.8	0.1	2.1	-0.04	-0.29	109	23	27	-31.16	Slightly Open; No Repair Needed; Good; 275
W44R2	9/17/2015 10:34	59.2	39.2	0.1	1.5	-0.37		109	27		-30.04	2nd Reading; No Repair Needed;

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W46R3	9/4/2015 8:22	39.5	28.3	6.3	25.9	-0.58	-0.1	100	30	28	-27.32	Slightly Closed; No Repair Needed; Fair; 3133
W46R3	9/4/2015 8:24	42.6	30	4.9	22.5	-0.11		100	40		-26.59	2nd Reading; No Repair Needed;
W46R3	9/17/2015 10:28	57.3	38.4	0.6	3.7	-0.06	-0.15	100	25	24	-31.33	Slightly Open; No Repair Needed; Good; 3135
W46R3	9/17/2015 10:29	56.6	39	0.9	3.5	-0.15		100	29		-32.54	2nd Reading; No Repair Needed;
W47R2	9/4/2015 8:41	52.2	36.1	1.2	10.5	-1.57		122	14		-30.21	No Change; No Repair Needed;
W47R2	9/17/2015 10:42	53.4	36	0.9	9.7	-1.31		122	21		-30.82	No Change; No Repair Needed;
W49R	9/4/2015 8:44	59.5	38.3	0.1	2.1	-29.72		118	18		-30.21	No Change; No Repair Needed;
W49R	9/17/2015 10:45	59.7	38.1	0.2	2	-21.14	-21.96	117	20	18	-30.47	Slightly Open; No Repair Needed; Good; 91169
W49R	9/17/2015 10:46	60.6	38	0.2	1.2	-22.17		117	19		-30.17	2nd Reading; No Repair Needed;
W50R3	9/4/2015 8:46	45.8	35.7	0.2	18.3	-21.01	-18.94	119	15	12	-31.55	Slightly Closed; No Repair Needed;
W50R3	9/4/2015 8:47	46	35.7	0.1	18.2	-17.21		118	10		-30.21	2nd Reading; No Repair Needed;
W50R3	9/17/2015 10:52	49.1	34.9	0.2	15.8	-16.48		118	13		-30.51	No Change; No Repair Needed;
W52R	9/4/2015 9:07	44.2	29.3	0.1	26.4	-27.57	-26.96	118	21	20	-27.79	Slightly Closed; No Repair Needed;
W52R	9/4/2015 9:08	43.8	29.5	0.1	26.6	-24.12		118	18		-28.14	2nd Reading; No Repair Needed;
W52R	9/17/2015 10:48	41.2	29.4	0.3	29.1	-19.24	-17.99	120	20	17	-30.9	Slightly Closed; No Repair Needed;
W52R	9/17/2015 10:49	41	28.2	0.3	30.5	-16.18		119	16		-30.56	2nd Reading; No Repair Needed;
W54R	9/4/2015 9:03	48.7	25.1	0.3	25.9	-17.21		117	21		-28.01	No Change; No Repair Needed;
W54R	9/17/2015 11:09	52.7	25.4	0.4	21.5	-15.75		119	23		-31.07	No Change; No Repair Needed;
W59R	9/4/2015 8:50	61.8	34.8	0.2	3.2	-29.03		114	11		-30.34	No Change; No Repair Needed;
W59R	9/17/2015 10:55	57.9	34.2	0.2	7.7	-28.6		120	17		-30.51	No Change; No Repair Needed;
W60R	9/4/2015 8:52	55.6	31.4	0.2	12.8	-2.67		90	10		-30.82	No Change; No Repair Needed;
W60R	9/17/2015 10:57	56.9	31.3	0.2	11.6	-2.28	-2.62	89	18	14	-30.56	Slightly Open; No Repair Needed;
W60R	9/17/2015 10:58	57.1	33	0.2	9.7	-3.73		89	14		-30.86	2nd Reading; No Repair Needed;
W63R2	9/4/2015 7:47	57.8	39.1	0	3.1	-27.96		99	18		-31.16	No Change; No Repair Needed;
W63R2	9/17/2015 9:52	60.8	39.2	0	0	-27.91		94	11		-30.47	No Change; No Repair Needed;
W64R2	9/4/2015 7:46	58.6	38.8	0.4	2.2	-29.98		124	35		-30.17	No Change; No Repair Needed;
W64R2	9/17/2015 9:50	57.7	40.4	0.2	1.7	-29.98		127	17		-30.73	No Change; No Repair Needed;
W65R2	9/4/2015 7:42	1.9	12.3	13.1	72.7	-0.86	-0.84	73	0	0	-30.51	Slightly Closed; No Repair Needed;
W65R2	9/4/2015 7:43	1.3	11.5	13	74.2	-1.29		72	4		-30.21	2nd Reading; No Repair Needed;
W65R2	9/17/2015 9:47	57.1	38.9	0	4	-2.22		88	6		-30.99	No Change; No Repair Needed;
Y01	9/4/2015 12:14	40.1	32.4	0	27.5	-22.35	-20.62	95	14	9	-27.02	Slightly Closed; No Repair Needed;
Y01	9/4/2015 12:15	40.2	32.4	0	27.4	-18.21		95	5		-27.62	2nd Reading; No Repair Needed;
Y01	9/17/2015 13:58	44.7	34.1	0.2	21	-16.44	-16.09	92	11	9	-27.97	Slightly Closed; No Repair Needed;
Y01	9/17/2015 13:58	45.4	33.6	0.2	20.8	-15.75		91	7		-28.01	2nd Reading; No Repair Needed;
Y02	9/4/2015 12:17	51.8	34.4	0.1	13.7	-23.51		110	26		-28.4	No Change; No Repair Needed;
Y02	9/17/2015 14:01	51.4	34.5	0.2	13.9	-23.94		109	25		-26.89	No Change; No Repair Needed;

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Y03	9/4/2015 9:26	51.6	35.3	0.2	12.9	-26.19		102	22		-26.67	No Change; No Repair Needed;
Y03	9/17/2015 12:12	56.4	35.2	0	8.4	-26.79		105	10		-28.18	No Change; No Repair Needed;
Y12	9/4/2015 9:38	51.5	36	0.4	12.1	-25.5		100	0		-26.37	No Change; No Repair Needed;
Y12	9/17/2015 12:22	52.3	36.4	0.2	11.1	-24.25		101	0		-25.16	No Change; No Repair Needed;
Y16	9/4/2015 10:14	52.6	34.1	0.3	13	-19.63		102	22		-19.72	No Change; No Repair Needed;
Y16	9/17/2015 12:59	51.2	34.5	0.2	14.1	-23.55		102	21		-23.74	No Change; No Repair Needed;
Y19	9/4/2015 9:54	41.5	32.2	0.3	26	-9.32	-8.58	96	19	14	-18.73	Slightly Closed; No Repair Needed;
Y19	9/4/2015 9:55	41.7	31.9	0.3	26.1	-7.94		96	9		-20.41	2nd Reading; No Repair Needed;
Y19	9/17/2015 12:39	43.5	33.3	0.1	23.1	-7.85	-7.2	97	18	14	-22.49	Slightly Closed; No Repair Needed;
Y19	9/17/2015 12:40	43.2	33.1	0.1	23.6	-6.77		97	13		-24	2nd Reading; No Repair Needed;
Y20	9/4/2015 9:57	51.4	34.6	0.3	13.7	-8.97		110	57		-20.89	No Change; No Repair Needed;
Y20	9/17/2015 12:43	51.8	36.2	0.1	11.9	-9.23		110	62		-26.5	No Change; No Repair Needed;
Y21	9/4/2015 10:01	57.8	36.3	0.3	5.6	-19.28		101	23		-20.28	No Change; No Repair Needed;
Y21	9/17/2015 12:47	58.6	37.8	0.1	3.5	-23.17		102	25		-23	No Change; No Repair Needed;
Y22	9/4/2015 10:04	56.6	37.2	0.4	5.8	-18.94		83	27		-19.42	No Change; No Repair Needed;
Y22	9/17/2015 12:50	54.4	37.2	0.2	8.2	-22.56		84	14		-22.53	No Change; No Repair Needed;
Y23	9/4/2015 10:08	48.1	35.1	0.3	16.5	-17.95		86	17		-18.73	No Change; No Repair Needed;
Y23	9/17/2015 12:55	46.4	34.9	0.6	18.1	-21.96	-20.92	86	31	31	-23.44	Slightly Closed; No Repair Needed; Good; 217
Y23	9/17/2015 12:56	46	34.5	0.6	18.9	-20.58		86	19		-21.75	2nd Reading; No Repair Needed;
Y24	9/4/2015 9:28	40.8	31.7	0.6	26.9	-5.22	-4.94	86	6	6	-27.02	Slightly Closed; No Repair Needed;
Y24	9/4/2015 9:29	41.5	31.8	0.6	26.1	-4.86		86	5		-27.36	2nd Reading; No Repair Needed;
Y24	9/17/2015 12:14	47.3	33.5	0.3	18.9	-4.26		92	5		-28.83	No Change; No Repair Needed; Good; valve barely cracked; well
Y25	9/4/2015 12:09	47.5	34.8	0.1	17.6	-18.21	-17.77	114	15	5	-28.31	Slightly Closed; No Repair Needed; Good; 242506
Y25	9/4/2015 12:11	47.2	34.8	0.1	17.9	-16.09		114	8		-28.4	2nd Reading; No Repair Needed;
Y25	9/17/2015 13:55	50.7	36	0.3	13	-14.02		114	13		-28.18	No Change; No Repair Needed;
Y28	9/4/2015 9:36	55.5	36.1	0.7	7.7	-17.56		109	37		-26.28	No Change; No Repair Needed;
Y28	9/17/2015 12:19	53.3	36.6	1.8	8.3	-16.05		109	40		-25.85	No Change; No Repair Needed;
Y29	9/4/2015 12:05	45	36	0.4	18.6	-3.99	-3.26	116	12	7	-27.67	Slightly Closed; No Repair Needed; Good; 120211
Y29	9/4/2015 12:06	44.2	34.8	0.5	20.5	-2.23		115	6		-26.72	2nd Reading; No Repair Needed;
Y29	9/17/2015 13:50	54.9	37.8	0.5	6.8	-0.74	-0.86	104	9	8	-26.03	Slightly Open; No Repair Needed; Good; 120211
Y29	9/17/2015 13:51	55.2	38	0.5	6.3	-1.07		104	10		-25.51	2nd Reading; No Repair Needed;
Y30	9/4/2015 9:41	48.2	32.8	0.3	18.7	-3.31		95	7		-25.98	No Change; No Repair Needed;
Y30	9/17/2015 12:24	54.6	34.9	0.1	10.4	-2.45	-2.51	92	5	5	-25.12	Slightly Open; No Repair Needed;
Y30	9/17/2015 12:26	54.9	35.6	0.1	9.4	-2.65		94	7		-24.08	2nd Reading; No Repair Needed;

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Y31	9/4/2015 9:48	56.5	36.8	0.3	6.4	-25.93		107	10		-25.85	No Change; No Repair Needed;
Y31	9/17/2015 12:34	55.9	36.6	0.1	7.4	-25.5		110	18		-25.94	No Change; No Repair Needed;
Y33	9/4/2015 10:40	39.9	31.6	0.3	28.2	-3.78		104	7		-20.11	No Change; No Repair Needed; Fair; valve barely cracked
Y33	9/17/2015 13:24	43.6	33.7	0.1	22.6	-2.74		103	8		-23.65	No Change; No Repair Needed; Good; valve barely cracked
Y34	9/4/2015 9:51	51.4	35.6	0.5	12.5	-6.51		107	23		-24.43	No Change; No Repair Needed;
Y34	9/17/2015 12:36	52.8	36.3	0.4	10.5	-5.74		107	20		-25.85	No Change; No Repair Needed;
Y35	9/4/2015 10:37	52.4	32.1	2.1	13.4	-1.23		96	7		-22.53	No Change; No Repair Needed;
Y35	9/17/2015 13:21	54.9	34.7	0.8	9.6	-0.48		95	7		-23.09	No Change; No Repair Needed;
Y36	9/4/2015 10:26	50.7	34.5	0.4	14.4	-18.03		128	37		-19.12	No Change; No Repair Needed;
Y36	9/17/2015 13:11	52.1	34.8	0.1	13	-21.23		128	49		-22.87	No Change; No Repair Needed;
Y37	9/4/2015 10:18	49.7	34.1	0.3	15.9	-15.75		89	20		-18.43	No Change; No Repair Needed;
Y37	9/17/2015 13:05	50.1	30.1	0.1	19.7	-18.16		90	27		-22.74	No Change; No Repair Needed;
Y55	9/4/2015 8:31	57.3	35.8	0.4	6.5	-29.38		107	31		-30.77	No Change; No Repair Needed;
Y55	9/17/2015 10:37	59.7	38.6	0.3	1.4	-29.38		107	34		-31.16	No Change; No Repair Needed;
Y56	9/4/2015 8:38	53.9	34.2	1.2	10.7	-29.98		96	0		-31.12	No Change; No Repair Needed;
Y56	9/17/2015 10:39	55.7	37.4	1	5.9	-29.64		96	0		-30.82	No Change; No Repair Needed;
Y57	9/4/2015 9:15	43.3	32.3	0.2	24.2	-15.01	-14.06	96	11	6	-29.13	Slightly Closed; No Repair Needed; Good; 326588
Y57	9/4/2015 9:16	44.8	33.8	0.2	21.2	-13.07		96	6		-29.52	2nd Reading; No Repair Needed;
Y57	9/17/2015 11:16	57.1	36.3	0.2	6.4	-7.94	-8.58	96	11	9	-30.82	Slightly Open; No Repair Needed;
Y57	9/17/2015 11:17	55.8	36.4	0.2	7.6	-9.28		96	14		-30.25	2nd Reading; No Repair Needed;
Y58	9/4/2015 9:11	42.5	30	0.5	27	-18.59	-17.56	100	44	41	-29.78	Slightly Closed; No Repair Needed; Good; 4687
Y58	9/4/2015 9:12	42.6	31.3	0.6	25.5	-17.21		100	36		-28.05	2nd Reading; No Repair Needed;
Y58	9/17/2015 11:13	49.6	32.5	0.5	17.4	-17.21		100	41		-30.64	No Change; No Repair Needed;
Y61	9/4/2015 9:00	3.3	12.5	19.1	65.1	-27.91	-27.91	80	4	4	-28.1	Slightly Closed; No Repair Needed;
Y61	9/4/2015 9:00	2.4	3.1	18.7	75.8	-27.61		81	8		-27.41	2nd Reading; No Repair Needed; Fair; remote restricted
Y61	9/17/2015 11:06	24.1	9	12.7	54.2	-29.72	-29.72	88	8	5	-30.21	Slightly Closed; No Repair Needed;
Y61	9/17/2015 11:06	24.8	8.7	12.6	53.9	-29.98		89	7		-30.86	2nd Reading; No Repair Needed;
Y62	9/4/2015 8:57	58.9	37.5	0.6	3	-18.25	-18.94	88	10	10	-31.55	Slightly Open; No Repair Needed;
Y62	9/4/2015 8:57	58.8	39	0.5	1.7	-19.63		88	11		-28.1	2nd Reading; No Repair Needed;
Y62	9/17/2015 11:03	57.4	33.2	1.1	8.3	-22.86		87	11		-30.82	No Change; No Repair Needed;
Y7R	9/4/2015 10:33	46.1	31.6	2.3	20	-9.28		103	8		-18.04	No Change; No Repair Needed; Good; 452974; well influence
Y7R	9/17/2015 13:18	40.8	29.9	3.3	26	-10.57		99	6		-22.01	No Change; No Repair Needed; Good; 471317; valve barely cracked

Green Valley Landfill
Wellfield Monitoring Data - September 2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
BLOUT	9/4/2015 7:28	46.5	32.7	1.6	19.2	7.25	7.94	95	710	710	0.04	No Change; No Repair Needed;
BLOUT	9/17/2015 14:28	49.9	34.5	1	14.6	8.63	7.94	108	500	500	0	No Change; No Repair Needed;
BLWIN	9/4/2015 7:30	46.3	33.3	1.6	18.8	-31.02	-30.67	83	820	820	-0.09	No Change; No Repair Needed;
BLWIN	9/4/2015 13:01	47.9	34.9	1	16.2	-29.94	-30.24	84	790	790	0	No Change; No Repair Needed;
BLWIN	9/17/2015 8:56	51	33.3	1.1	14.6	-32.05	-32.1	81	630	630	0.04	No Change; No Repair Needed;
BLWIN	9/17/2015 14:24	50.6	32.9	1	15.5	-31.15	-31.41	81	810	810	0	No Change; No Repair Needed;
BOT2	9/4/2015 7:27	46.8	31.8	1.7	19.7	0.11	0.14	87	110	110	-0.09	No Change; No Repair Needed;
BOT2	9/17/2015 8:58	50.1	34	1	14.9	5.52	5.52	85	630	630	-0.04	No Change; No Repair Needed;
BOT2	9/17/2015 14:26	50.2	33.5	1	15.3	1.53	1.47	103	310	310	0	No Change; No Repair Needed;
CO02	9/4/2015 8:35	55.6	32.4	0.2	11.8	-30.33		81	4		-30.82	No Change; No Repair Needed;
Flare 1	9/4/2015 10:55											Manually entered; NIU
Plant 1	9/4/2015 12:59	48.1	33.9	1	17	9.1	9.45	109	790	790	0	GHG Reading; No Repair Needed; Good; No Totalizer

Total Number of Wells	61
Total Number of Well Readings	61
Total Number of Readings NOT Collected	0

Number of Wells With Methane < 48%	27
Number of Wells With Methane > 52%	21
Number of Wells With Methane > 58%	15
Number of Wells With Oxygen > 1%	7
Number of Wells With Temperature > 120°F	8
Number of Wells With Flow < 5 SCFM	2

ATTACHMENT C

Gas Meter Calibration Records

Meter Calibration Form

Technician:	Zachary Ankney
Meter Serial #:	1003018
PDA ID:	WM_Tom_Philips2
Meter Date:	9/4/15
Meter Time:	7:22 AM
Meter Temperature:	74.3 degF

Sensor	Lot #	Cylinder %	Calibration %
Methane	000000EE2581	0	-0.05
Methane	000000EE2569	48.43	48.11
Oxygen	000000EE2569	0	-0.29
Oxygen	000000EE2581	4	3.76
CO2	000000EE2581	0	0.06
CO2	000000EE2569	34.68	35.92
Available (high)	NA	0	-0.13
Applied (low)	NA	0	-0.01
Applied (high)	NA	0	-0.04
Differential (low)	NA	0	0
Differential (high)	NA	0	0.01

Meter Calibration Form

Technician:	Zachary Ankney
Meter Serial #:	1003018
PDA ID:	WM_Tom_Philips2
Meter Date:	9/4/15
Meter Time:	11:57 AM
Meter Temperature:	98.2 degF

Sensor	Lot #	Cylinder %	Calibration %
Methane	000000EE2581	0	0.02
Methane	000000EE2569	48.43	48.95
Oxygen	000000EE2569	0	0.27
Oxygen	000000EE2581	4	4.33
CO2	000000EE2581	0	-0.13
CO2	000000EE2569	34.68	34.33
Available (high)	NA	0	-0.04
Applied (low)	NA	0	0
Applied (high)	NA	0	0
Differential (low)	NA	0	0
Differential (high)	NA	0	0.01

Meter Calibration Form

Technician:	Zachary Ankney
Meter Serial #:	1003018
PDA ID:	WM_Tom_Philips2
Meter Date:	9/4/15
Meter Time:	12:52 PM
Meter Temperature:	101.2 degF

Sensor	Lot #	Cylinder %	Calibration %
Methane	000000EE2581	0	0.02
Methane	000000EE2569	48.43	48.56
Oxygen	000000EE2569	0	-0.08
Oxygen	000000EE2581	4	3.95
CO2	000000EE2581	0	0.04
CO2	000000EE2569	34.68	34.38
Available (high)	NA	0	0
Applied (low)	NA	0	0
Applied (high)	NA	0	0.04
Differential (low)	NA	0	0
Differential (high)	NA	0	0

Meter Calibration Form

Technician:	Zachary Ankney
Meter Serial #:	1003018
PDA ID:	WM_Tom_Philips2
Meter Date:	9/17/15
Meter Time:	8:48 AM
Meter Temperature:	74.4 degF

Sensor	Lot #	Cylinder %	Calibration %
Methane	000000EE2581	0	-0.04
Methane	000000EE2544	48.43	47.5
Oxygen	000000EE2544	0	-0.21
Oxygen	000000EE2581	4	3.8
CO2	000000EE2581	0	-0.03
CO2	000000EE2544	34.68	34.7
Available (high)	NA	0	-0.13
Applied (low)	NA	0	-0.01
Applied (high)	NA	0	-0.04
Differential (low)	NA	0	0.01
Differential (high)	NA	0	0.01

Meter Calibration Form

Technician:	Zachary Ankney
Meter Serial #:	1003018
PDA ID:	WM_Tom_Philips2
Meter Date:	9/17/15
Meter Time:	12:06 PM
Meter Temperature:	99.7 degF

Sensor	Lot #	Cylinder %	Calibration %
Methane	000000EE2581	0	0.07
Methane	000000EE2544	48.43	48.73
Oxygen	000000EE2544	0	0.19
Oxygen	000000EE2581	4	4.24
CO2	000000EE2581	0	0.08
CO2	000000EE2544	34.68	33.94
Available (high)	NA	0	0
Applied (low)	NA	0	0
Applied (high)	NA	0	0.04
Differential (low)	NA	0	0
Differential (high)	NA	0	0

Meter Calibration Form

Technician:	Zachary Ankney
Meter Serial #:	1003018
PDA ID:	WM_Tom_Philips2
Meter Date:	9/17/15
Meter Time:	2:18 PM
Meter Temperature:	107.9 degF

Sensor	Lot #	Cylinder %	Calibration %
Methane	000000EE2581	0	-0.03
Methane	000000EE2544	48.43	48.52
Oxygen	000000EE2544	0	0.13
Oxygen	000000EE2581	4	4.07
CO2	000000EE2581	0	0.01
CO2	000000EE2544	34.68	34.61
Available (high)	NA	0	-0.04
Applied (low)	NA	0	0
Applied (high)	NA	0	0.26
Differential (low)	NA	0	0
Differential (high)	NA	0	0.01

ATTACHMENT D

O & M Report

Monitoring Control and Compliance, Inc.

Green Valley Landfill
GCCS Major Components Checklist

Technician: Zack Ankney

Date: 9/4/2015

Flare Station / Skid Components

Item	Yes	No		Comments
Flare Operating in Automatic Mode	☐	☑		
Blower / flare operating properly	☐	☑		
Autodialer functioning	☐	☑		
VFD vacuum setpoint	In-W.C.		-32	
Motor operating properly	☑	☐		
Plant flow rate	SCFM		790	Flare Flow Rate: N/A
Bearings properly lubricated	☑	☐		
Any Unusual Noises at B/F Skid	☐	☑		
Belts / drive correct	☑	☐		
Blower casing drained	☑	☐		
Valves properly positioned	☑	☐		
Chart recorder functioning	☑	☐		
Actuators maintained	☑	☐		
KOP Demister differential pressure	In. W.C		N/A	
Flame arrestor differential pressure	In. W.C		N/A	
Flame arrestor inlet pressure	In. W.C		N/A	
Nitrogen Cylinder Pressure	PSI		N/A	
Propane Cylinder Pressure	%		0	Continuous pilot installed and in service

Air Compressor Components

Item	Yes	No	Comments
Unit Operating in Automatic Mode	☑	☐	Hours: 17325; Temp: 205 F
Compressor Tank Drained	☑	☐	
Filters Clean	☑	☐	
Compressor Tank Pressure	PSI		105
Compressor Properly Lubricated	☑	☐	
Compressor Belts Worn	☐	☑	
Belts at Proper Tension	☑	☐	

Sumps, Pumps, and Valves

Check sumps and pumps for proper operation. Inspect applicable electrical and pneumatic connections. Check that condensate level in sump is normal. Listen for air leaks and inspect for condensate leaks at pump discharge. Ensure valves are in the proper position. Manually jog or cycle pump on/off as applicable.

Location/Name	Comments
CK-1: 685101	All cycling properly
CK-2: 342507	
CK-3: 311322	
CK-4: 160568	
DL-7: 430142	
Toe Drain: 498945	
CK-H: 302453	

Additional Comments

Rental flow meter installed in plant line. Awaiting return from FCI after annual calibration

ATTACHMENT E

Wellfield SOP Summary

Green Valley Landfill
Wellfield SOP Summary
September 2015

Extraction Wells > 58% Methane

Extraction Well ID	Date	Methane %	Extraction Well ID	Date	Methane %
GRNV43R2	9/4/2015 8:15	61	GRNVLHW4	9/17/2015 10:03	61.1
GRNV44R2	9/17/2015 10:34	59.2	GRNVLHW5	9/17/2015 9:56	60.6
GRNV63R2	9/17/2015 9:52	60.8	GRNVLPW1	9/4/2015 8:08	61
GRNV64R2	9/4/2015 7:46	58.6	GRNVLPW2	9/17/2015 10:06	58.8
GRNVL49R	9/17/2015 10:46	60.6	GRNVLY21	9/17/2015 12:47	58.6
GRNVL59R	9/4/2015 8:50	61.8	GRNVLY55	9/17/2015 10:37	59.7
GRNVLHW1	9/17/2015 12:29	61.2	GRNVLY62	9/4/2015 8:57	58.9
GRNVLHW3	9/17/2015 10:13	61			

Extraction Wells > 52% Methane

Extraction Well ID	Date	Methane %	Extraction Well ID	Date	Methane %
GRNV27RR	9/17/2015 13:47	52.8	GRNVLHW7	9/17/2015 10:09	57.6
GRNV43R2	9/4/2015 8:15	61	GRNVLHW8	9/17/2015 9:59	53.6
GRNV44R2	9/17/2015 10:34	59.2	GRNVLPW1	9/4/2015 8:08	61
GRNV46R3	9/17/2015 10:28	57.3	GRNVLPW2	9/17/2015 10:06	58.8
GRNV47R2	9/17/2015 10:42	53.4	GRNVLY03	9/17/2015 12:12	56.4
GRNV63R2	9/17/2015 9:52	60.8	GRNVLY12	9/17/2015 12:22	52.3
GRNV64R2	9/4/2015 7:46	58.6	GRNVLY16	9/4/2015 10:14	52.6
GRNV65R2	9/17/2015 9:47	57.1	GRNVLY21	9/17/2015 12:47	58.6
GRNVL10R	9/17/2015 13:35	57	GRNVLY22	9/4/2015 10:04	56.6
GRNVL13R	9/17/2015 12:31	53.3	GRNVLY28	9/4/2015 9:36	55.5
GRNVL18R	9/17/2015 13:27	53	GRNVLY29	9/17/2015 13:51	55.2
GRNVL32R	9/17/2015 13:31	55	GRNVLY30	9/17/2015 12:26	54.9
GRNVL38R	9/17/2015 13:39	53	GRNVLY31	9/4/2015 9:48	56.5
GRNVL49R	9/17/2015 10:46	60.6	GRNVLY34	9/17/2015 12:36	52.8
GRNVL54R	9/17/2015 11:09	52.7	GRNVLY35	9/17/2015 13:21	54.9
GRNVL59R	9/4/2015 8:50	61.8	GRNVLY36	9/17/2015 13:11	52.1
GRNVL60R	9/17/2015 10:58	57.1	GRNVLY55	9/17/2015 10:37	59.7
GRNVLHW1	9/17/2015 12:29	61.2	GRNVLY56	9/17/2015 10:39	55.7
GRNVLHW3	9/17/2015 10:13	61	GRNVLY57	9/17/2015 11:16	57.1
GRNVLHW4	9/17/2015 10:03	61.1	GRNVLY62	9/4/2015 8:57	58.9
GRNVLHW5	9/17/2015 9:56	60.6			

Extraction Wells < 48% Methane

Extraction Well ID	Date	Methane %	Extraction Well ID	Date	Methane %
GRNV17R2	9/4/2015 10:22	44	GRNVLHW8	9/4/2015 7:53	41.8
GRNV41R2	9/4/2015 8:18	44.7	GRNVLHW9	9/4/2015 8:12	10.9
GRNV44R2	9/4/2015 8:27	29.4	GRNVLY01	9/4/2015 12:14	40.1
GRNV46R3	9/4/2015 8:22	39.5	GRNVLY19	9/4/2015 9:54	41.5
GRNV50R3	9/4/2015 8:46	45.8	GRNVLY23	9/17/2015 12:56	46
GRNV65R2	9/4/2015 7:43	1.3	GRNVLY24	9/4/2015 9:28	40.8
GRNVL26R	9/4/2015 9:32	44.3	GRNVLY25	9/4/2015 12:11	47.2
GRNVL52R	9/17/2015 10:49	41	GRNVLY29	9/4/2015 12:06	44.2
GRNVLHW1	9/4/2015 9:43	12.3	GRNVLY33	9/4/2015 10:40	39.9
GRNVLHW3	9/4/2015 8:05	14.7	GRNVLY57	9/4/2015 9:15	43.3
GRNVLHW4	9/4/2015 7:56	24.8	GRNVLY58	9/4/2015 9:11	42.5
GRNVLHW5	9/4/2015 7:51	29.2	GRNVLY61	9/4/2015 9:00	2.4
GRNVLHW6	9/4/2015 8:54	4.2	GRNVLY7R	9/17/2015 13:18	40.8
GRNVLHW7	9/4/2015 8:01	40.3			

Green Valley Landfill
Wellfield SOP Summary
September 2015

Extraction Wells < 5 scfm Flow

Extraction Well ID	Date	Flow scfm	Extraction Well ID	Date	Flow scfm
GRNVLY12	9/17/2015 12:22	0	GRNVLY56	9/17/2015 10:39	0

Extraction Wells Oxygen > 1%

Extraction Well ID	Date	Oxygen %	Extraction Well ID	Date	Oxygen %
GRNVLHW6	9/17/2015 11:02	11	GRNVLY61	9/17/2015 11:06	12.7
GRNVLHW9	9/17/2015 10:18	5.3	GRNVLY62	9/17/2015 11:03	1.1
GRNVLY28	9/17/2015 12:19	1.8	GRNVLY7R	9/17/2015 13:18	3.3
GRNVLY56	9/17/2015 10:39	1			

Extraction Wells Temperature > 120°F

Extraction Well ID	Date	Temperature degF	Extraction Well ID	Date	Temperature degF
GRNV27RR	9/17/2015 13:47	123.3	GRNVL32R	9/17/2015 13:32	128.7
GRNV47R2	9/17/2015 10:42	122.5	GRNVL38R	9/17/2015 13:39	124.7
GRNV64R2	9/17/2015 9:50	127.9	GRNVL59R	9/17/2015 10:55	120.4
GRNVL10R	9/17/2015 13:36	125.6	GRNVLY36	9/17/2015 13:11	128.3

ATTACHMENT F

SSM Reports

Startup/Shutdown/Malfunction Report Form

Monitoring Control and Compliance, Inc.

Landfill: Green Valley **Unit:** Flare

Section 1 - All Events

Type of Event	Military Time Date/Time Start	Military Time Date/Time End	Duration Hours	Event Code (see page 2)	SOP Followed? Yes	SOP Followed? No
Startup	9/5/15 8:08	9/5/15 8:09	0.02	10	☑	☐
Shutdown			0.00		☐	☐
Malfunction	9/4/15 9:20	9/5/15 8:08	22.80	10	Complete section 2 Below	

Date Form Filled Out: 10/08/15 Signature: *Paul D. Flory*

* Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan

** If SOP in SSM Plan was not followed, notify personnel on "Contact List".

Section 2 - Malfunction Events Only

Step	Corrective Action Procedures for All Malfunctions	√ Check one of the following for each step: Procedure Completed	Procedure Not Applicable
1.	Determine if landfill gas is being released to the air (can you smell landfill gas, or measure/detect gas flow?)	☑	☐
2.	If landfill gas is being released to the air, notify personnel on "Contact List".	☐	☑
3.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment, or the landfill gas control equipment.	☑	☐
4.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow.	☐	☑
5.	If control device or other system component is shutdown, follow Shutdown SOP and complete Section 1 0 "Shutdown".	☑	☐
6.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.	☑	☐
7.	If additional personnel needed, notify qualified personnel: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #7.a.	☐	☑
8.	Start malfunction diagnosis.	☑	☐
9.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).	☑	☐
10.	If additional resources needed, contact qualified resource: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #10.a.	☐	☑
11.	Fix the malfunction.	☑	☐
12.	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates in boxes in Section 1 of this form.	☑	☐
13.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	☑	☐
14.	Sign this form and place it in the Start-up, Shutdown, Malfunction file.	☑	☐
15.	If the procedures listed above were not followed, notify personnel on "Contact List".	☐	☑

NOTES: Unknown system shutdown

For Start-ups and Shutdowns

Note:

Startup: *The setting in operation of an affected source or portion of an affected source for any purpose.*

Code / Event

- ☐ 1 Maintenance
- ☐ 2 Suspected Collection System Malfunction
- ☐ 3 Suspected Control Device Malfunction
- ☐ 4 Suspected Continuous Monitoring System Malfunction (Temperature/Flow/Other)
- ☐ 5 Training
- ☐ 6 Gas System Construction/Expansion
- ☐ 7 Suspected Treatment System Malfunction
- ☐ 99 Other (Describe)

For Malfunctions

Notes: **Green Valley** **Flare**

Malfunction: *Any sudden, infrequent and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.*

Code **Event**

- ☑ **10 Automatic shutdown of control device by designed protective systems**
- ☐ 11 Auto dialer Callout
- ☐ 12 Shutdown alarms that result in the device not shutting down
- ☐ 13 Unalarmed shutdown
- ☐ 14 Control Device Smoking
- ☐ 15 Inspection identified malfunction
- ☐ 16 Loss of power - utility down
- ☐ 17 Loss of power - unknown
- ☐ 18 Damaged Well, Header, or Lateral Piping
- ☐ 19 Leaks at wellheads, valves, flanges, test ports, seals, couplings, etc.
- ☐ 20 Condensate knock-out problems
- ☐ 21 Collection piping blockages
- ☐ 22 Problems due to settlement
- ☐ 23 Loss of phase
- ☐ 24 Blower overload condition
- ☐ 25 Blower bearing failure
- ☐ 26 Broken belts (if belt-drive) or broken coupling (if direct-drive) in blower
- ☐ 27 Continuous Monitoring System Malfunction - Thermocouple
- ☐ 28 Continuous Monitoring System Malfunction - UV Scanner
- ☐ 29 Continuous Monitoring System Malfunction - Flow Monitor
- ☐ 30 Continuous Monitoring System Malfunction - Flow Recorder
- ☐ 31 Continuous Monitoring System Malfunction - Temperature Recorder
- ☐ 32 Act of God (i.e., lightening, wind, etc.)
- ☐ 99 Other (Describe)

Startup/Shutdown/Malfunction Report Form

Monitoring Control and Compliance, Inc.

Landfill: Green Valley **Unit:** Flare

Section 1 - All Events

Type of Event	Military Time Date/Time Start	Military Time Date/Time End	Duration Hours	Event Code (see page 2)	SOP Followed? Yes	SOP Followed? No
Startup	9/10/15 12:16	9/10/15 12:17	0.02	16	☑	☐
Shutdown			0.00		☐	☐
Malfunction	9/9/15 16:24	9/10/15 12:16	19.87	16	Complete section 2 Below	

Date Form Filled Out: 10/08/15 Signature: *Paul D. Flory*

* Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan

** If SOP in SSM Plan was not followed, notify personnel on "Contact List".

Section 2 - Malfunction Events Only

Step	Corrective Action Procedures for All Malfunctions	√ Check one of the following for each step: Procedure Completed	Procedure Not Applicable
1.	Determine if landfill gas is being released to the air (can you smell landfill gas, or measure/detect gas flow?)	☑	☐
2.	If landfill gas is being released to the air, notify personnel on "Contact List".	☐	☑
3.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment, or the landfill gas control equipment.	☑	☐
4.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow.	☐	☑
5.	If control device or other system component is shutdown, follow Shutdown SOP and complete Section 1 0 "Shutdown".	☑	☐
6.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.	☑	☐
7.	If additional personnel needed, notify qualified personnel: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #7.a.	☐	☑
8.	Start malfunction diagnosis.	☑	☐
9.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).	☑	☐
10.	If additional resources needed, contact qualified resource: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #10.a.	☐	☑
11.	Fix the malfunction.	☑	☐
12.	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates in boxes in Section 1 of this form.	☑	☐
13.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	☑	☐
14.	Sign this form and place it in the Start-up, Shutdown, Malfunction file.	☑	☐
15.	If the procedures listed above were not followed, notify personnel on "Contact List".	☐	☑

NOTES: Loss of power

For Start-ups and Shutdowns

Note:

Startup: *The setting in operation of an affected source or portion of an affected source for any purpose.*

Code / Event

- ☐ 1 Maintenance
- ☐ 2 Suspected Collection System Malfunction
- ☐ 3 Suspected Control Device Malfunction
- ☐ 4 Suspected Continuous Monitoring System Malfunction (Temperature/Flow/Other)
- ☐ 5 Training
- ☐ 6 Gas System Construction/Expansion
- ☐ 7 Suspected Treatment System Malfunction
- ☐ 99 Other (Describe)

For Malfunctions

Notes: **Green Valley** **Flare**

Malfunction: *Any sudden, infrequent and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.*

Code **Event**

- ☐ 10 Automatic shutdown of control device by designed protective systems
- ☐ 11 Auto dialer Callout
- ☐ 12 Shutdown alarms that result in the device not shutting down
- ☐ 13 Unalarmed shutdown
- ☐ 14 Control Device Smoking
- ☐ 15 Inspection identified malfunction
- ☑ **16 Loss of power - utility down**
- ☐ 17 Loss of power - unknown
- ☐ 18 Damaged Well, Header, or Lateral Piping
- ☐ 19 Leaks at wellheads, valves, flanges, test ports, seals, couplings, etc.
- ☐ 20 Condensate knock-out problems
- ☐ 21 Collection piping blockages
- ☐ 22 Problems due to settlement
- ☐ 23 Loss of phase
- ☐ 24 Blower overload condition
- ☐ 25 Blower bearing failure
- ☐ 26 Broken belts (if belt-drive) or broken coupling (if direct-drive) in blower
- ☐ 27 Continuous Monitoring System Malfunction - Thermocouple
- ☐ 28 Continuous Monitoring System Malfunction - UV Scanner
- ☐ 29 Continuous Monitoring System Malfunction - Flow Monitor
- ☐ 30 Continuous Monitoring System Malfunction - Flow Recorder
- ☐ 31 Continuous Monitoring System Malfunction - Temperature Recorder
- ☐ 32 Act of God (i.e., lightening, wind, etc.)
- ☐ 99 Other (Describe)

Startup/Shutdown/Malfunction Report Form

Monitoring Control and Compliance, Inc.

Landfill: Green Valley **Unit:** Flare

Section 1 - All Events

Type of Event	Military Time Date/Time Start	Military Time Date/Time End	Duration Hours	Event Code (see page 2)	SOP Followed? Yes	SOP Followed? No
Startup	9/17/15 9:52	9/17/15 9:53	0.02	1	☑	☐
Shutdown	9/17/15 9:20	9/17/15 9:21	0.02	1	☑	☐
Malfunction			0.00		Complete section 2 Below	

Date Form Filled Out: 10/08/15 Signature: *Paul D. Flory*

* Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan

** If SOP in SSM Plan was not followed, notify personnel on "Contact List".

Section 2 - Malfunction Events Only

Step	Corrective Action Procedures for All Malfunctions	√ Check one of the following for each step: Procedure Completed	Procedure Not Applicable
1.	Determine if landfill gas is being released to the air (can you smell landfill gas, or measure/detect gas flow?)	☐	☐
2.	If landfill gas is being released to the air, notify personnel on "Contact List".	☐	☐
3.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment, or the landfill gas control equipment.	☐	☐
4.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow.	☐	☐
5.	If control device or other system component is shutdown, follow Shutdown SOP and complete Section 1 0 "Shutdown".	☐	☐
6.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.	☐	☐
7.	If additional personnel needed, notify qualified personnel: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #7.a.	☐	☐
8.	Start malfunction diagnosis.	☐	☐
9.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).	☐	☐
10.	If additional resources needed, contact qualified resource: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #10.a.	☐	☐
11.	Fix the malfunction.	☐	☐
12.	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates in boxes in Section 1 of this form.	☐	☐
13.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	☐	☐
14.	Sign this form and place it in the Start-up, Shutdown, Malfunction file.	☐	☐
15.	If the procedures listed above were not followed, notify personnel on "Contact List".	☐	☐

NOTES: shutdown to install motor starter on continuous pilot

For Start-ups and Shutdowns

Note:

Startup: *The setting in operation of an affected source or portion of an affected source for any purpose.*

Code / Event

- ☑ **1 Maintenance**
- ☐ 2 Suspected Collection System Malfunction
- ☐ 3 Suspected Control Device Malfunction
- ☐ 4 Suspected Continuous Monitoring System Malfunction (Temperature/Flow/Other)
- ☐ 5 Training
- ☐ 6 Gas System Construction/Expansion
- ☐ 7 Suspected Treatment System Malfunction
- ☐ 99 Other (Describe)

For Malfunctions

Notes: **Green Valley** **Flare**

Malfunction: *Any sudden, infrequent and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.*

Code **Event**

- ☐ 10 Automatic shutdown of control device by designed protective systems
- ☐ 11 Auto dialer Callout
- ☐ 12 Shutdown alarms that result in the device not shutting down
- ☐ 13 Unalarmed shutdown
- ☐ 14 Control Device Smoking
- ☐ 15 Inspection identified malfunction
- ☐ 16 Loss of power - utility down
- ☐ 17 Loss of power - unknown
- ☐ 18 Damaged Well, Header, or Lateral Piping
- ☐ 19 Leaks at wellheads, valves, flanges, test ports, seals, couplings, etc.
- ☐ 20 Condensate knock-out problems
- ☐ 21 Collection piping blockages
- ☐ 22 Problems due to settlement
- ☐ 23 Loss of phase
- ☐ 24 Blower overload condition
- ☐ 25 Blower bearing failure
- ☐ 26 Broken belts (if belt-drive) or broken coupling (if direct-drive) in blower
- ☐ 27 Continuous Monitoring System Malfunction - Thermocouple
- ☐ 28 Continuous Monitoring System Malfunction - UV Scanner
- ☐ 29 Continuous Monitoring System Malfunction - Flow Monitor
- ☐ 30 Continuous Monitoring System Malfunction - Flow Recorder
- ☐ 31 Continuous Monitoring System Malfunction - Temperature Recorder
- ☐ 32 Act of God (i.e., lightening, wind, etc.)
- ☐ 99 Other (Describe)

Startup/Shutdown/Malfunction Report Form

Monitoring Control and Compliance, Inc.

Landfill: Green Valley **Unit:** Flare

Section 1 - All Events

Type of Event	Military Time Date/Time Start	Military Time Date/Time End	Duration Hours	Event Code (see page 2)	SOP Followed? Yes	SOP Followed? No
Startup	9/24/15 16:32	9/24/15 16:33	0.02	10	☑	☐
Shutdown			0.00		☐	☐
Malfunction	9/24/15 12:24	9/24/15 16:32	4.13	10	Complete section 2 Below	

Date Form Filled Out: 10/08/15 Signature: *Paul D. Flory*

* Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan

** If SOP in SSM Plan was not followed, notify personnel on "Contact List".

Section 2 - Malfunction Events Only

Step	Corrective Action Procedures for All Malfunctions	√ Check one of the following for each step: Procedure Completed	Procedure Not Applicable
1.	Determine if landfill gas is being released to the air (can you smell landfill gas, or measure/detect gas flow?)	☑	☐
2.	If landfill gas is being released to the air, notify personnel on "Contact List".	☐	☑
3.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment, or the landfill gas control equipment.	☑	☐
4.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow.	☐	☑
5.	If control device or other system component is shutdown, follow Shutdown SOP and complete Section 1 0 "Shutdown".	☑	☐
6.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.	☑	☐
7.	If additional personnel needed, notify qualified personnel: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #7.a.	☐	☑
8.	Start malfunction diagnosis.	☑	☐
9.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).	☑	☐
10.	If additional resources needed, contact qualified resource: a. Record contact name, date, and time: _____ b. Contact site representative with information recorded in #10.a.	☐	☑
11.	Fix the malfunction.	☑	☐
12.	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates in boxes in Section 1 of this form.	☑	☐
13.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	☑	☐
14.	Sign this form and place it in the Start-up, Shutdown, Malfunction file.	☑	☐
15.	If the procedures listed above were not followed, notify personnel on "Contact List".	☐	☑

NOTES: Unknown shutdown

For Start-ups and Shutdowns

Note:

Startup: *The setting in operation of an affected source or portion of an affected source for any purpose.*

Code / Event

- ☐ 1 Maintenance
- ☐ 2 Suspected Collection System Malfunction
- ☐ 3 Suspected Control Device Malfunction
- ☐ 4 Suspected Continuous Monitoring System Malfunction (Temperature/Flow/Other)
- ☐ 5 Training
- ☐ 6 Gas System Construction/Expansion
- ☐ 7 Suspected Treatment System Malfunction
- ☐ 99 Other (Describe)

For Malfunctions

Notes: **Green Valley** **Flare**

Malfunction: *Any sudden, infrequent and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.*

Code **Event**

- ☑ **10 Automatic shutdown of control device by designed protective systems**
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- ☐ 23 Loss of phase
- ☐ 24 Blower overload condition
- ☐ 25 Blower bearing failure
- ☐ 26 Broken belts (if belt-drive) or broken coupling (if direct-drive) in blower
- ☐ 27 Continuous Monitoring System Malfunction - Thermocouple
- ☐ 28 Continuous Monitoring System Malfunction - UV Scanner
- ☐ 29 Continuous Monitoring System Malfunction - Flow Monitor
- ☐ 30 Continuous Monitoring System Malfunction - Flow Recorder
- ☐ 31 Continuous Monitoring System Malfunction - Temperature Recorder
- ☐ 32 Act of God (i.e., lightening, wind, etc.)
- ☐ 99 Other (Describe)

ATTACHMENT G

Pump Count Table

Technician: Paul Flory/Zack Ankney
Date: 2015

GREEN VALLEY PUMP COUNTER INFORMATION

Pumps	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
DL-7	354574	360751	361330	375275	383160	393800	401398	410086	420111	430142			
DL-8	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed			
CK-1	587085	597136	607640	616958	625426	637105	649674	661482	672405	685101			
CK-2	267063	271873	275462	279617	283847	292388	301210	313481	328987	342507			
CK-3	134655	156625	177239	191461	208380	234365	254295	273255	293583	311322			
CK-4	112614	117128	117185	123617	139015	147687	149325	153029	158794	160568			
CK-H	72953	190722	235250	400956	595941	920787	954053	8248	295966	302453			
Toe Drain	574542	600997	601004	734031	909569	316960	416,494	429777	429777	498945			
GRNVLPW1	13506	13510	13510	27866	32348	44690	52,359	52422	60396	60396			
GRNVLPW2	20067	20067	20074	23313	42302	50415	55,176	154692	163674	191139			
RS1	332	341	341	1082	1082	1096	1,096	6386	11291	14403			
RS2	1554	1557	1557	1557	1557	1557	1,560	1560	1560	1560			
RS3							205	No Counter	200	200			
GRNVLY04	295052	DECOM	DECOM	DECOM	DECOM	DECOM	DECOM	DECOM	DECOM	DECOM			
GRNVLY7R	193730	213038	224133	296710	319138	379659	424078	452974	452974	471317			
GRNVL08R	70471	71211	71737	73640	74385	76129	77001	78284	78628	79895			
GRNVL10R	608	608	608	608	608	612	612	612	612	612			
GRNVL13R	153277	155525	157755	161294	161477	167527	169786	176485	183106	189809			
GRNVL18R	295	295	295	295	295	295	297	304	304	304			
GRNVLY21	70	70	70	96	96	96	363	713	713	713			
GRNVLY23	204	204	204	204	204	204	204	217	217	217			
GRNVLY25	201803	204096	205063	213931	218863	229204	236186	242506	242506	247401			
GRNVL26R	156954	156954	156954	156954	156954	156954	156954	156964	156964	156964			
GRNV27RR	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed			
GRNVLY28	85378	89133	91130	105270	110591	123147	129679	140034	146660	149916			
GRNVLY29	120186	120186	120186	120186	120186	120201	120201	120201	120211	120211			
GRNVL32R	844703	845294	845294	845294	845294	845294	845294	845294	845294	845294			
GRNVLY35	19652	19652	19652	19654	19654	19654	19654	19654	19686	20242			
GRNVL38R	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed			
GRNVL41R	98744	98756	98773	98796	98796	Removed	Removed	Removed	Removed	Removed			
GRNV41R2							19073	33906	40996	47106			
GRNV43R2							53872	104678	114331	154102			
GRNV44R2							260	263	275	275			
GRNV46R3							961	3133	3133	3135			
GRNV47R2							168601	371653	462700	565289			
GRNVL49R	5411	9296	9793	13623	16959	22432	33352	52832	73896	91169			
GRNVL52R	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed	Removed			
GRNVL54R	472803	495387	497012	510382	5993	43275	43275	43275	58219	69828			
GRNVLY55	2053	2179	7651	7663	7663	7683	8091	8541	9425	10043			
GRNVLY56	59805	60609	62086	64382	65012	65991	91165	104095	105818	115901			
GRNVLY57	11721	12209	12424	13518	13845	14639	15148	324727	325430	326588			
GRNVLY58	303	303	306	2172	2950	3625	3636	4159	4518	4832			
GRNVL59R	116803	120409	121569	122299	123412	127113	130646	135990	143970	150192			
GRNVL60R	240	241	241	251	251	251	22176	123734	123745	123753			
GRNVLY61	873205	873205	873210	885153	885153	Too tall	Too tall	906899	917153	917173			
GRNVLY62	45950	46121	29979	46131	46131	46139	122871	146179	160280	181500			
GRNVL63R2							13285	77128	140079	191884			
GRNV64R2	816335	13323	299791	300866	313659	366641	398934	472746	486374	542945			
pump stuck													

ATTACHMENT H

Cover Integrity Inspection

Monthly Cover Integrity Inspection
Surface Monitoring Design Plan

LANDFILL: Green Valley - 2015

Monitoring Control and Compliance, Inc.

Month	Cover integrity problems found during the inspection	Date Site Notified MCC/Republic Initials	Date Repairs Made Republic Initials	Site Remediation
January 2015	Distressed vegetation on Unit I near EW17R2. Site is addressing erosion and seeps on Unit II. There is additional cover on the top deck and north slope. North slope, south slope and top deck have been seeded. Erosion rills on Unit I between EW17R2 and EW36. Minor odors in the area between EW41R and EW43R and near EW47R. Erosion patterns forming in recent construction area near HW6 remote. Erosion patterns near RS1 and RS2.	1/22/2015 ZA		
February 2015	Distressed vegetation on Unit I near EW17R2. Site is addressing erosion and seeps on Unit II. There is additional cover on the top deck and North slope. North slope, south slope and top deck have been seeded. Erosion rills on Unit I between EW17R2 and EW36. Minor odors in the area between EW41R and EW43R and near EW47R. Erosion patterns forming in recent construction area near HW6 remote. Erosion patterns near RS1 and RS2. Leachate seep near toe drain on Unit I.	2/3/2015 ZA		
March 2015	Distressed vegetation on Unit I near EW17R2. Site is addressing erosion and seeps on Unit II. There is additional cover on the top deck and North slope. North slope, south slope and top deck have been seeded. Erosion rills on Unit I between EW17R2 and EW36. Minor odors in the area between EW41R and EW43R and near EW47R. Erosion patterns forming in recent construction area near HW6 remote have been addressed. Erosion patterns near RS1 and RS2. Leachate seep near toe drain on Unit I. North slope of Unit II was snow covered during inspection.	3/3/2015 ZA		
April 2015	Distressed vegetation and leachate seep on Unit I near EW17R2. Soft spot between EW17R2 and EW36. Site is addressing erosion and seeps on Unit II. There is additional cover on the top deck and North slope. North slope, south slope and top deck have been seeded. Erosion rills on Unit I between EW17R2 and EW36. Minor odors in the area between EW41R and EW43R and near EW47R. Erosion patterns forming in recent construction area near HW6 remote have been addressed. Erosion patterns near RS1 and RS2. Leachate seep near toe drain on Unit I. Leachate seeps forming on North slope of Unit II near HW5 remote and between PW2 and HW3.	4/2/2015 ZA		
May 2015	Distressed vegetation and leachate seep on Unit I near EW17R2. Soft spot between EW17R2 and EW36. Site is addressing erosion and seeps on Unit II. North slope has been completely regraded and looks great. Some lingering leachate stains near HW5, RS1, and RS2. Erosion rills on Unit I between EW17R2 and EW36. Leachate seep near toe drain on Unit I.	5/5/2015 ZA		
June 2015	Distressed vegetation and leachate seep on Unit I near EW17R2. Soft spot between EW17R2 and EW36. Site is addressing erosion and seeps on Unit II. North slope has been completely regraded and looks great. Some lingering leachate stains near HW5, RS1, and RS2. Erosion rills on Unit I between EW17R2 and EW36. Leachate seep near toe drain on Unit I.	6/1/2015 ZA		
July 2015	Distressed vegetation and leachate seep on Unit I near EW17R2. Soft spot between EW17R2 and EW36. Site is addressing erosion and seeps on Unit II. North slope has been completely regraded and looks great. Some lingering leachate stains near HW5, RS1, and RS2. Minor gas seeps between HW5 and HW7. Erosion rills on Unit I between EW17R2 and EW36. Erosion rills forming in the bottom third of North slope of Unit II most likely due to severity of grade.	7/2/2015 ZA		
August 2015	Distressed vegetation and leachate seep on Unit I near EW17R2. Soft spot between EW17R2 and EW36 and near EW16. Site is addressing erosion and seeps on Unit II. North slope has been completely regraded and looks great. Some lingering leachate stains near HW5, RS1, and RS2. Minor gas seeps between HW5 and HW7. Erosion rills on Unit I between EW17R2 and EW36. Erosion rills forming in the bottom third of North slope of Unit II most likely due to severity of grade.	8/5/2015 ZA		
September 2015	Distressed vegetation and leachate seep on Unit I near EW17R2. Soft spot between EW17R2 and EW36 and near EW16. Site is addressing erosion and seeps on Unit II. North slope has been completely regraded. Erosion patterns forming on North slope after regrading. Some lingering leachate stains near HW5, RS1, and RS2. Minor gas seeps between HW5 and HW7. Erosion rills on Unit I between EW17R2 and EW36.	9/4/2015 ZA		
October 2015				
November 2015				
December 2015				

Best Available Copy

ATTACHMENT I

Additional Miscellaneous Information

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: 59R

Site Information

Technician	Zack Ankney
Date	9/16/15
Site	Green Valley
Pump Type	AP4+
Pump ID	S/N: 4-3357
Tri-Tubing Diameter	3/4"
Well Diameter	6
Well Construction	HDPE
Depth to Liquid (ft)	58.7
Well Depth (ft)	74
Drill log Depth (ft)	
Pump Set Depth (ft)	71.7
Pump Operational	Yes

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments
Counter	x		Count: 143970
Wellhead with compression fittings	x		
Hoses	x		
Hose Barbs	x		
Clamps	x		
Quick Connect Fittings	x		
Regulator	x		Setpoint (psi): 83
Regulator Particulat Filter	x		
Condensation Trap	x		
Air Line PSI			PSI
FM Pressure			PSI

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Pulled, inspected, and cleaned pump. Cycling properly.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: EW35

Site Information

Technician	Zack Ankney
Date	9/16/15
Site	Green Valley
Pump Type	AP4+
Pump ID	S/N: 4-3412
Tri-Tubing Diameter	3/4"
Well Diameter	8
Well Construction	PVC
Depth to Liquid (ft)	81.3
Well Depth (ft)	88
Drill log Depth (ft)	
Pump Set Depth (ft)	84
Pump Operational	Yes

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments
Counter	x		Count: 19687
Wellhead with compression fittings	x		
Hoses	x		
Hose Barbs	x		
Clamps	x		
Quick Connect Fittings	x		
Regulator	x		Setpoint (psi): 100
Regulator Particulat Filter	x		
Condensation Trap	x		
Air Line PSI			PSI
FM Pressure			PSI

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Pulled, inspected, and cleaned pump. Replaced failed tri tubing. Cycling properly.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: 07R

Site Information

Technician	Zack Ankney
Date	9/16/15
Site	Green Valley
Pump Type	AP4+
Pump ID	S/N: 4-3413
Tri-Tubing Diameter	3/4"
Well Diameter	6
Well Construction	HDPE
Depth to Liquid (ft)	74.7
Well Depth (ft)	79.6
Drill log Depth (ft)	
Pump Set Depth (ft)	77.6
Pump Operational	Yes

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments
Counter	x		Count: 452981
Wellhead with compression fittings	x		
Hoses	x		
Hose Barbs	x		
Clamps	x		
Quick Connect Fittings	x		
Regulator	x		Setpoint (psi): 94
Regulator Particulat Filter	x		
Condensation Trap	x		
Air Line PSI			PSI
FM Pressure			PSI

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Pulled, inspected, and cleaned pump. Made exhaust pin adjustment. Cycling properly.

Parts Required for Repair/Replacement

Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

Installation Point: 60R

Site Information

Technician	Zack Ankney
Date	9/16/15
Site	Green Valley
Pump Type	AP4+
Pump ID	S/N: Corroded
Tri-Tubing Diameter	3/4"
Well Diameter	6
Well Construction	HDPE
Depth to Liquid (ft)	53.4
Well Depth (ft)	81
Drill log Depth (ft)	
Pump Set Depth (ft)	78.6
Pump Operational	Yes

Equipment Inspection

Equipment/Materials	OK	Needs Service	Comments
Counter	x		Count: 123753
Wellhead with compression fittings	x		
Hoses	x		
Hose Barbs	x		
Clamps	x		
Quick Connect Fittings	x		
Regulator	x		Setpoint (psi): 100
Regulator Particulat Filter	x		
Condensation Trap	x		
Air Line PSI			PSI
FM Pressure			PSI

Pump Inspection

Task	OK	Needs Service	Comments
Perform Flow Rate Inspection (Properly Dispose of Liquid)	x		Results (GPM):
Inspect Fluid Inlet Screen	x		
Disassemble pump and inspect for corrosion or buildup	x		
Disassemble Inlet Check Valve and Inspect	x		
Disassemble outlet Check Valve and Inspect	x		
Determine if any part of the float material itself can contact the discharge pipe. Move each end of the float back and forth, sideways, to ensure that the pins prevent float contact.	x		
Inspect lever Pivot wear (should be less than 1/32 movement)	x		

Comments:

Pulled, inspected, and cleaned pump. Cycling properly.

Parts Required for Repair/Replacement

Green Valley Landfill
Over 58% Methane Table
September 2015

Well_ID	1/8/15	1/22/15	2/3/15	2/17/15	3/3/15	3/18/15	4/2/15	4/17/15	5/5/15	5/20/15	6/1/15	6/16/15	7/2/15	7/27/15	8/5/15	8/20/15	9/4/15	9/17/15	10/1/15	Field Comment	Suggested fix
GRNV17R2		59.6				59.5															
GRNV27RR					61.8																Additonal Tuning
GRNV50R3						58															
GRNV64R2		59.4				58.9		58.9	59.1											max applied	
GRNV65R2	59.5		60.5			61.4														Previously out of compliance for O2	Additonal Tuning
GRNVL08R					58.3																Additonal Tuning
GRNVL10R					63.5						63.2	62.4	61.7								Additonal Tuning
GRNVL13R		58	61.8	61.1		60.4				63.2	58.5		60	59.1						Pump has been repaired	Additional tuning
GRNVL18R						58.4							58.1								Additional tuning
GRNVL26R						58.4								59.4						Max applied	
GRNVL38R					67.2																Additonal Tuning
~~GRNVL41R~~			~~61.7~~		~~64.1~~	~~62.1~~		~~63~~												~~DECOMMISSIONED~~	~~DECOMMISSIONED~~
GRNV41R2										61	61.4	63.3	63.1	63.4						New install	Additional Tuning
GRNV43R2										61.7	61.6	60.5	61.2	61.3	60.7	61.3	61	60.2	60.9	Max applied	Additional Tuning
GRNV44R2										60.9	60.4	58.2						59.2	59.5		Pull harder
GRNV46R3										60.6										pump stalled due to FM pressure	Jet FM
~~GRNVL47R~~					~~61.1~~				~~58.8~~											~~DECOMMISSIONED~~	~~DECOMMISSIONED~~
GRNV47R2										62.5	61.7	59.1	59.3			59.3				New install	Additional tuning
GRNVL49R	62.2		58.4		62.2	61.1		62.1		62.5	63	61	61.7	61.3	60	61.5	59.5	60.6	58.2		Pull harder
GRNVL52R			58.2		62.3	63.3		63.7	63.1	61.5	60.3	60.2	59.4	58.8					65.3		Pull harder
GRNVL54R					63.9	66							58.8	60.6						Max applied	Additonal Tuning
GRNVL59R											62.6	60.7	61.8	62.8			61.8		61.9	Max applied	
GRNVL60R		61.2									59.3	61.8	63.3							was positive pressure	Additonal Tuning
GRNV63R2										59.9	61.1	61.5	61.3	61.6	60.3	60.3		60.8	61.2	max applied	Additonal Tuning
GRNV64R2										60.1				58.2			58.6			max applied	
GRNV65R3																			59.5	New install	
GRNVCO02							58.7													Max applied	
GRNVLHW1			64.1					65.8					59.1					61.2		Burp variance	Additonal Tuning
GRNVLHW3					61.8			63.9										61		Burp variance	Additonal Tuning
GRNVLHW4								62.6								59.5		61.1	60.9	Burp variance	Additonal Tuning
GRNVLHW5	63.2				62			61	60.2							60.6		60.6	59.9	Burp variance	Additonal Tuning
GRNVLHW6		59	59.4			62.9	59.2	62													Additonal Tuning
GRNVLHW7			60.2					60.5					59.7								Additonal Tuning
GRNVLHW8			59.9					59.7													Additonal Tuning
GRNVLHW9										60.9										New install	
GRNVLPW1					61	61.5		61.4		60.7			61			59.3	61	60.2	59.6		Pump stuck in well
GRNVLPW2			59.5		58.6		60.1	59	59.1				59.4					58.8	58.9	Max applied	Pump stuck in well
GRNVLY01					60.1	61.7	59.5							61.4						max applied	Additonal Tuning
GRNVLY02					62.5	61.3								58.7						max applied	Additonal Tuning
GRNVLY03	59.6	60.7			61.9	61.8	61.8	62.1	62.2	59.3			61.6	60.3	59					Max applied	
GRNVLY12			58.7			58.7		60.2												Max applied	
GRNVLY16		62.1				61			60.6					60.1						Max applied	
GRNVLY19						61															
GRNVLY20						60.2															
GRNVLY21						61.2		61.4	61.2	59.8	60.5	59.6	61.8	60.8	59.3	59.1		58.6	58.5	Max applied	
GRNVLY22		62.1				62.6	60.6	62.7	62.1	58.8				61.1	60.3					Max applied	
GRNVLY23					58.7	59.2	58.9	59	59.8					60.8	58.2						Additional tuning
GRNVLY24														58.7							Additional tuning
GRNVLY25						60															
GRNVLY28						59.3		60.7	60.6	60.1			60.8	59.5							Additonal Tuning
GRNVLY30			61.6			59		62.9					58.8								Additonal Tuning
GRNVLY31						59.1							59.8	60.4	59.1						Additonal Tuning
GRNVLY34						59.8															
GRNVLY35					59.3														58		Additonal Tuning
GRNVLY36						58.8															
GRNVLY37					58.7	64.3															Additonal Tuning
GRNVLY55	58.3				62.7	60.7		62.3	62.2	61.6	61.4	60.7	61.2	59.6	60.3	59.6		59.7	59.2	Force main restricted	Jetting or Jumper Line
GRNVLY56					58	59.7							60.4							Max applied	
GRNVLY57					60.5	59.9		59.5												Max applied	
GRNVLY58					59.5	59.8		61.1													Additonal Tuning
GRNVLY61							68.6		59.5	63.8		62.6								Was out for O2 last round, FM pressure	Jet FM
GRNVLY61						60.2					58.3	59.1					58.9			was positive pressure	
GRNVLY66																			61.2	new install	
GRNVLY67																			59.6	new install	

Total wells 58% Monitoring points	5	8	12	1	23	35	8	23	13	18	14	14	23	21	9	9	6	12	16	
	63	63	63	63	63	63	63	63	63	63	64	64	64	64	64	64	64	64	66	66
Percentage	7.94%	12.70%	19.05%	1.59%	36.51%	55.56%	12.70%	36.51%	20.63%	28.57%	21.88%	21.88%	35.94%	32.81%	14.06%	14.06%	9.38%	18.75%	24.24%	

		January		February		March		April		May		June		July		August		Sept		Oct
Month Total		12		12		44		26		24		15		31		13		15		16
		19.05%		19.05%		69.84%		41.27%		38.10%		23.44%		48.44%		20.31%		23.44%		24.24%

LFG Extraction Well Liquid Levels
Site Name: Green Valley

SEPTEMBER 2015

Well ID	Well ID (GEM/ Envision ID)	Date of Reading	Ground Surface Elevation at time of Liquid Level Measurement (ft)	TOC to Ground Surface (Measured in Field) (ft)	TOC to Liquid (ft)	TOC to bottom of well or obstruction (ft)	Pump Installed?	TOC to top of Pump (ft)	Pump Cycle Count	Comments
GRNVLY7R	GRNVLY7R	9/24/15		4.5	71.6	74.2			490000	
GRNVL08R	GRNVL08R	9/24/15		4	58.8	62.4			80090	
GRNVL10R	GRNVL10R	9/24/15		3.5	86.8	114.6				
GRNVLY12	GRNVLY12	9/24/15		4						Sounder hangs at 5.4'.
GRNVL13R	GRNVL13R	9/24/15		4	50.3	53			190725	
GRNVLY16	GRNVLY16	9/24/15		4.5	68.2	71.5				
GRNV17R2	GRNV17R2	9/24/15		4		41.3				Dry
GRNVL18R	GRNVL18R	9/24/15		5.5	42.9	43.1			304	
GRNVLY19	GRNVLY19	9/24/15		5	42.1	45.6				
GRNVLY20	GRNVLY20	9/24/15		4	42.7	58.6				
GRNVLY21	GRNVLY21	9/24/15		4.5	62.8	73.6			713	
GRNVLY22	GRNVLY22	9/24/15		4	60.8	65.7				
GRNVLY23	GRNVLY23	9/24/15		4.5	55.7	59.6			217	
GRNVLY24	GRNVLY24	9/24/15		4.5	52.4	55.3				
GRNVLY25	GRNVLY25	9/24/15		4	82.6	84.2			249594	
GRNVL26R	GRNVL26R	9/24/15		4	37.6	41.1			156966	
GRNV27RR	GRNV27RR	9/24/15		5.5	66.2	105				
GRNVLY28	GRNVLY28	9/24/15		4	58.8	63.6			153959	
GRNVLY29	GRNVLY29	9/24/15		4	69.1	73.5			120211	
GRNVLY30	GRNVLY30	9/24/15		4	51	62.4				
GRNVLY31	GRNVLY31	9/24/15		4.5	58.2	67.1				
GRNVL32R	GRNVL32R	9/24/15		5.5	76.7	81.8			845294	
GRNVLY33	GRNVLY33	9/24/15		4.5		40.8				Dry
GRNVLY34	GRNVLY34	9/24/15		4.5	44.4	54.2				
GRNVLY35	GRNVLY35	9/24/15		5	82.4	88.6			20242	
GRNVLY36	GRNVLY36	9/24/15		4.5	54.1	56				
GRNVLY37	GRNVLY37	9/24/15		4.5	45.3	48				
GRNVL38R	GRNVL38R	9/24/15		4	70.6	83.7				
GRNV41R2	GRNV41R2	9/24/15		3	44.9	58.5			48619	
GRNV43R2	GRNV43R2	9/24/15		3.5	48.9	50.4			160749	
GRNV44R2	GRNV44R2	9/24/15		5.5	44.6	90.7			275	
GRNV46R3	GRNV46R3	9/24/15		4.5	32.4	91.8			3135	
GRNV47R2	GRNV47R2	9/24/15		5	68.5	77.6			578566	
GRNV50R3	GRNV50R3	9/24/15		5.5	47.5	51.2				
GRNVLY55	GRNVLY55	9/24/15		5	51.1	6.5			10043	
GRNVLY56	GRNVLY56	9/24/15		3	43.2	51.9			115901	
GRNVLY57	GRNVLY57	9/24/15		5.5	44.6	47.4			327516	
GRNVLY58	GRNVLY58	9/24/15		4	47.6	50.2			4832	
GRNVL59R	GRNVL59R	9/24/15		3.5	53.2	74.2			153932	
GRNVL60R	GRNVL60R	9/24/15		4	44.3	75.9			124091	
GRNVLY61	GRNVLY61	9/24/15		4.5					917178	Well leaning. Unable to obtain accurate liquid level.
GRNVLY62	GRNVLY62	9/24/15		5					188224	Sounder hangs at 10.3 feet.
GRNV63R2	GRNV63R2	9/24/15		2.5	55.4	62			226228	
GRNV64R2	GRNV64R2	9/24/15		5	58.7	63.2			55291	

LFG Extraction Well Liquid Levels
Site Name: Green Valley

SEPTEMBER 2015

Well ID	Well ID (GEM/ Envision ID)	Date of Reading	Ground Surface Elevation at time of Liquid Level Measurement (ft)	TOC to Ground Surface (Measured in Field) (ft)	TOC to Liquid (ft)	TOC to bottom of well or obstruction (ft)	Pump Installed?	TOC to top of Pump (ft)	Pump Cycle Count	Comments
GRNVL54R	GRNVL54R	9/24/15		3	55.3	66.8			69828	
GRNVLY03	GRNVLY03	9/24/15		5	58.2	59.3				
GRNVLY01	GRNVLY01	9/24/15		3	34.4	39.8				
GRNVLY02	GRNVLY02	9/24/15		4.5	49.7	51				
GRNVLPW1	GRNVLPW1	9/24/15		4.5	21.1	34.8			60396	
GRNVLPW2	GRNVLPW2	9/24/15		4					246433	Well leaning. Unable to obtain accurate liquid level.

Calibration Precision Record

Monitoring Control and Compliance, Inc.

Landfill Name: **Green Valley (3rd Quarter 10-Day Recheck)**

Monitoring Date: Friday, September 04, 2015 Performed By: Zack Ankney

Time: 15:00:00 Expiration Date: 12/4/2015

Instrument Make/Model: Photovac Micro FiD Serial Number CZUD313

Calibration Gas Standard: 500.0 ppm CH4 (STD)

Measurement #1:

Meter Reading for zero air 0.0 ppm (1)

Meter Reading for Calibration Gas: 499.4 ppm (2)

Measurement #2:

Meter Reading for zero air 0.0 ppm (3)

Meter Reading for Calibration Gas: 498.5 ppm (4)

Measurement #3:

Meter Reading for zero air 0.0 ppm (5)

Meter Reading for Calibration Gas 498.1 ppm (6)

Calculate Precision:

= **0.27** % (result must be less than +/- 10%)

((STD-(2)+(STD-(4)+(STD-(6))/3 x (1/500) x (100/1)

Instrument Response Time Record

Landfill Name: **Green Valley (3rd Quarter 10-Day Recheck)**

Monitoring Date: Friday, September 04, 2015 Time: 15:00:00

Instrument Make/Model: Photovac Micro FiD Serial Number CZUD313

Measurement #1

Stabilized Reading using calibation gas	499.4	ppm
90% of the stabilized reading =	449.46	ppm
Time to reach 90% of stabilized reading after switching from zero air to calibration gas.	13	seconds (1)

Measurement #2

Stabilized reading using calibration gas	498.5	ppm
90% of the stabilized reading =	448.65	ppm
Time to reach 90% of stabilized reading after switching from zero air to calibration gas.	12	seconds (2)

Measurement #3

Stabilized reading using calibration gas	498.1	ppm
90% of the stabilized reading =	448.29	ppm
Time to reach 90% of stabilized reading after switching from zero air to calibration gas.	13	seconds (3)

Calculate Response Time = 12.67 seconds (must be less than 30 seconds)

(1) + (2) + (3) / 3

Performed By: Zack Ankney Date: 9/4/15

Calibration Procedure and Background Report

Landfill Name: **Green Valley (3rd Quarter 10-Day Recheck)**

Instrument Make/Model: Photovac Micro FiD Serial Number CZUD313

Calibration Procedure

1. Allow instrument to zero itself while introducing zero air.
2. Introduce calibration gas into the probe.
   Stabilized reading = 500.7 ppm
3. Adjust meter settings to read 500 ppm

Backround Determination Procedure

1. Upwind background reading (highest in 30 seconds) 1.6 ppm (1)
2. Downwind reading (highest in 30 seconds) 2.1 ppm (2)

Calculate Background Value: (1) + (2) / 2

Background = 1.85 ppm

Performed By: Zack Ankney

Date: 09/04/15 Time: 15:00:00

Quarterly Surface Monitoring Log Sheet

Landfill Name: **Green Valley (3rd Quarter 10-Day Recheck)**

Performed By: Zack Ankney

Date: Friday, September 04, 2015

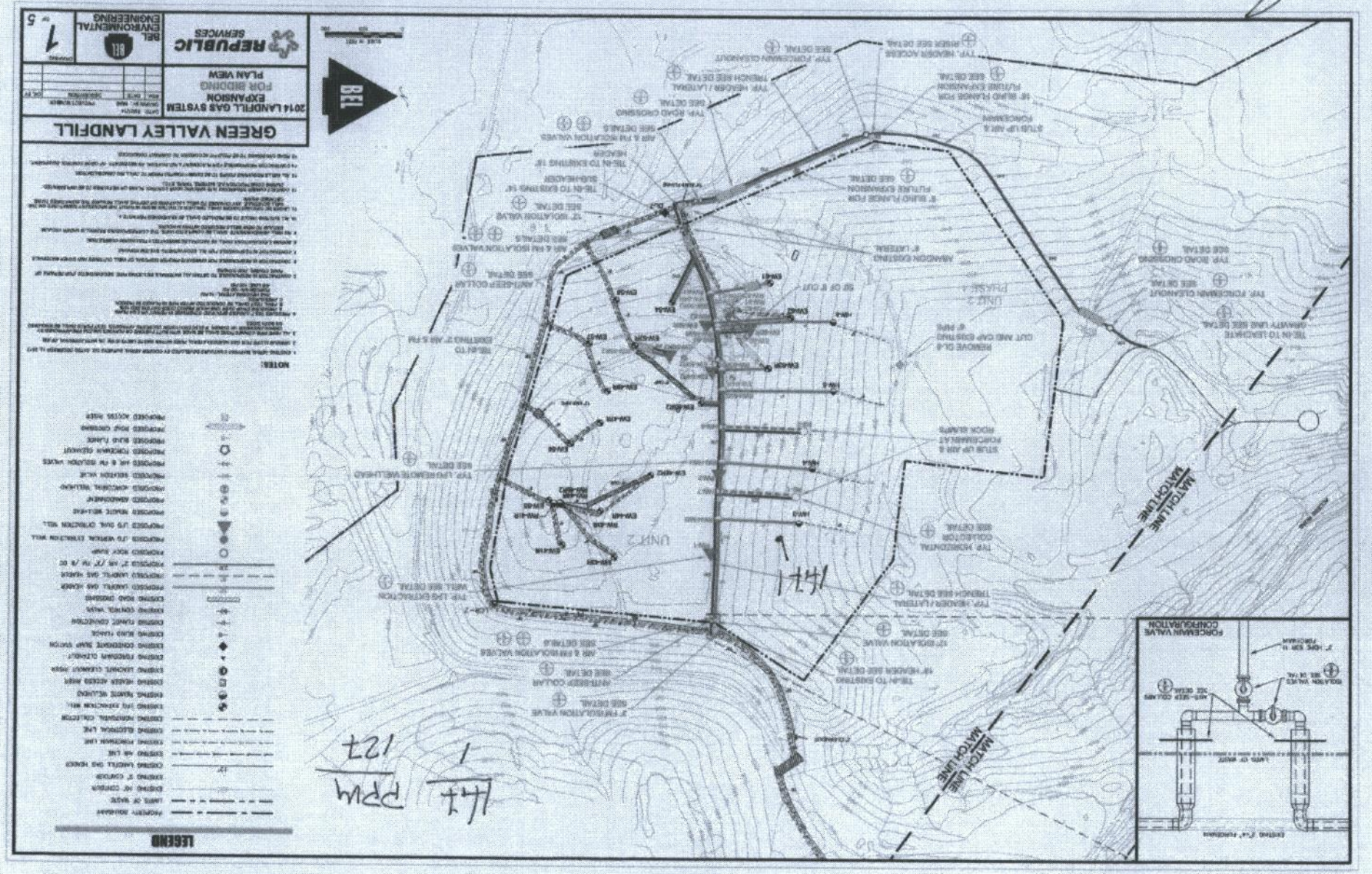
Start Time: 15:00:00

Exceedance Identifier	Location and Time	Concentration of Exceedance (ppm)
Hit 1	50 yards North of PW-1 @ 15:20	127

WEATHER CONDITIONS:

Temperature:	89 ° F
Barametric Pressure:	30 In.
Wind Speed/Direction:	West @ 1 MPH
Conditions:	Partly Cloudy

Green Valley 3rd Quarter 10 Day Recheck 9/4/15



ATTACHMENT J

Rolling Data Table

Green Valley Landfill
Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
HW1	9/10/2014 10:35	54.2	36	0	9.8	-0.03	-0.03	83	10	10	-25.21	No Change; No Repair Needed; Good
HW1	9/25/2014 9:03	38.9	34.5	0.6	26	-0.02	-0.02	77	35	35	-24.24	No Change; No Repair Needed; Fair
HW1	10/9/2014 10:28	47.5	34.4	0	18.1	-0.03	-0.03	74	14	11	-22.53	No Change; No Repair Needed; Good
HW1	10/23/2014 9:22	49.9	35	0.3	14.8	-0.02		70	10		-22.53	No Change; No Repair Needed; Good
HW1	11/5/2014 9:11	38.8	31.9	1.1	28.2	-0.03		65	4		-24.82	No Change; No Repair Needed; Fair; valve barely cracked
HW1	11/19/2014 10:11	60.2	36.1	0	3.7	0.07	-0.01	53	6	9	-11.09	Slightly Open; No Repair Needed; Good
HW1	11/19/2014 10:12	61	36.4	0	2.6	-0.04		59	17		-13.51	2nd Reading; No Repair Needed; Good
HW1	12/5/2014 9:22	39.9	30.3	4.9	24.9	-0.03		59	9		-15.24	No Change; No Repair Needed; Good
HW1	12/18/2014 9:18	40.6	31.8	3.4	24.2	-0.03		51	10		-18.86	No Change; No Repair Needed; Fair; valve barely cracked
HW1	1/22/2015 9:25	14.5	16.7	13.9	54.9	-0.06	-0.01	45	15	3	-25.42	Slightly Closed; No Repair Needed; Fair
HW1	1/22/2015 9:26	14.8	12.3	14.5	58.4	-0.01		44	5		-24.82	2nd Reading; No Repair Needed; Fair
HW1	2/3/2015 9:45	62.1	36.4	0	1.5	0.05	-0.02	36	0	7	-25.55	Slightly Open; No Repair Needed; Good
HW1	2/3/2015 9:46	64.1	35.9	0	0	-0.03		38	11		-25.25	2nd Reading; No Repair Needed; Good
HW1	3/3/2015 9:46	54.2	30.7	2	13.1	-0.04		44	7		-16.18	No Change; No Repair Needed; Good
HW1	3/18/2015 9:25	22.6	16.7	11.8	48.9	-0.1	-0.01	48	2	0	-16.83	Slightly Closed; No Repair Needed; Fair
HW1	3/18/2015 9:26	22.6	13.5	12.1	51.8	-0.02		48	0		-16.75	2nd Reading; No Repair Needed; Fair
HW1	4/2/2015 9:33	29.3	23	7.5	40.2	-0.01	-0.01	65	0	0	-19.72	No Change; No Repair Needed; Fair
HW1	4/2/2015 9:33	29.9	19.3	7.8	43	-0.01		61	4		-19.72	2nd Reading; No Repair Needed; Fair
HW1	4/14/2015 10:35	64.7	30.6	0.1	4.6	0.08	-0.02	56	8	9	-13.47	Slightly Open; No Repair Needed; Good
HW1	4/14/2015 10:36	65.8	31	0	3.2	-0.04		55	10		-15.28	2nd Reading; No Repair Needed; Good
HW1	5/5/2015 9:49	13.6	15.2	10	61.2	-0.09	-0.04	71	9	7	-24.9	Slightly Closed; No Repair Needed; Fair
HW1	5/5/2015 9:50	13.3	13.1	10.2	63.4	-0.03		69	6		-25.59	2nd Reading; No Repair Needed; Fair
HW1	5/20/2015 12:15	52.3	32.4	0	15.3	-0.01		76	4		-24.99	No Change; No Repair Needed; Good
HW1	6/1/2015 12:01	20.4	22.7	2.6	54.3	-0.01		71	7		-23.26	No Change; No Repair Needed; Fair
HW1	6/16/2015 12:23	41.2	31.2	0.3	27.3	-0.01		88	7		-19.34	No Change; No Repair Needed; Good; valve barely cracked
HW1	7/2/2015 10:47	58.9	35.9	0	5.2	-0.01	-0.05	76	10	11	-21.41	Slightly Open; No Repair Needed; Good
HW1	7/2/2015 10:48	59.1	36	0	4.9	-0.05		76	14		-21.88	2nd Reading; No Repair Needed; Good
HW1	7/27/2015 12:33	29.8	26.4	2.3	41.5	-0.03		85	11		-17.22	No Change; No Repair Needed; Fair; valve barely cracked
HW1	8/5/2015 12:50	13.8	20.2	6.3	59.7	-0.04	-0.02	87	7	9	-28.4	Slightly Closed; No Repair Needed; Fair
HW1	8/5/2015 12:51	12.8	16	6.3	64.9	-0.01		86	7		-28.31	2nd Reading; No Repair Needed; Fair
HW1	8/20/2015 12:39	30.6	29.2	0.5	39.7	-0.01		83	6		-24.77	No Change; No Repair Needed; Fair
HW1	9/4/2015 9:43	12.3	20.6	3.3	63.8	-0.01		83	5		-27.15	No Change; No Repair Needed; Fair
HW1	9/17/2015 12:28	60.9	36.9	0	2.2	0.03	-0.01	89	6	8	-25.9	Slightly Open; No Repair Needed; Good
HW1	9/17/2015 12:29	61.2	37.4	0	1.4	-0.01		88	12		-25.59	2nd Reading; No Repair Needed; Good
HW3	9/10/2014 8:52	49	32.9	1.9	16.2	-0.23	-0.21	83	9	5	-26.97	No Change; No Repair Needed; Good
HW3	9/25/2014 7:50	40.8	32.4	4.6	22.2	-0.12	-0.12	72	2	2	-27.06	No Change; No Repair Needed; Good
HW3	10/9/2014 9:11	46.6	33.7	2.6	17.1	-0.1	-0.1	70	10	8	-26.63	No Change; No Repair Needed; Good
HW3	10/23/2014 8:05	50.9	39.3	1.4	8.4	-0.19		62	6		-27.06	No Change; No Repair Needed; Good
HW3	11/5/2014 7:54	46.6	33.5	2.7	17.2	-0.24	-0.18	61	9	8	-27.28	Slightly Closed; No Repair Needed; Good
HW3	11/5/2014 7:55	47.8	30.4	2.8	19	-0.08		61	12		-27.23	2nd Reading; No Repair Needed; Good
HW3	12/5/2014 8:00	60.4	39.6	0	0	1.07	-0.04	49	0	12	-16.23	Slightly Open; No Repair Needed; Good
HW3	12/5/2014 8:01	62.6	37.2	0	0.2	-0.42		51	32		-17.09	2nd Reading; No Repair Needed; Good
HW3	12/18/2014 8:06	50.7	35.7	2.4	11.2	-1.18		43	6		-21.1	No Change; No Repair Needed; Good
HW3	1/8/2015 8:26	50.5	33.8	2.4	13.3	-1.56	-1.54	35	13	11	0.04	No Change; No Repair Needed; Fair; lateeral frozen
HW3	1/8/2015 8:27	52.2	31.7	2.3	13.8	-1.53		36	17		0.04	2nd Reading; No Repair Needed; Good
HW3	1/22/2015 7:57	48.7	32.5	2.9	15.9	-2.23		42	5		-25.51	No Change; No Repair Needed; Good
HW3	2/3/2015 8:10	55.5	39.1	1.2	4.2	-2.47		37	7		-26.72	No Change; No Repair Needed; Good
HW3	3/3/2015 8:21	61.4	33.9	0.5	4.2	-2.05	-2.29	39	7	6	-19.51	Slightly Open; No Repair Needed; Good
HW3	3/3/2015 8:22	61.8	33.8	0.4	4	-2.78		39	9		-19.38	2nd Reading; No Repair Needed; Good
HW3	3/18/2015 7:53	55.1	31.5	2.5	10.9	-4.67		45	6		-18.86	No Change; No Repair Needed; Good

Green Valley Landfill
Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
HW3	4/2/2015 8:01	45.6	27.2	5.1	22.1	-4.45	-3.75	54	4	0	-22.96	Slightly Closed; No Repair Needed; Good
HW3	4/2/2015 8:02	46.1	25.4	5.1	23.4	-3.17		55	0		-22.53	2nd Reading; No Repair Needed; Good
HW3	4/2/2015 10:37	51.5	32.9	2.5	13.1	-1.03		61	6		-23.22	No Change; No Repair Needed; Good
HW3	4/17/2015 10:05	63.2	36.8	0	0	-0.33	-0.71	71	6	9	-20.46	Slightly Open; No Repair Needed; Good
HW3	4/17/2015 10:06	63.9	36	0	0.1	-1.77		69	11		-20.93	2nd Reading; No Repair Needed; Good
HW3	5/5/2015 8:22	38.4	24.3	5.6	31.7	-4.97	-4.07	70	9	6	-27.15	Slightly Closed; No Repair Needed; Good
HW3	5/5/2015 8:23	39.2	23.5	5.7	31.6	-3.29		70	8		-26.67	2nd Reading; No Repair Needed; Good
HW3	5/5/2015 13:20	52.7	31.7	1.3	14.3	-0.32		84	6		-26.72	No Change; No Repair Needed; Good
HW3	5/20/2015 9:31	47.2	31.2	2.8	18.8	-0.33		74	8		-26.63	No Change; No Repair Needed; Good
HW3	6/1/2015 9:36	35.8	24.1	5.9	34.2	-0.11	-0.06	72	2	4	-19.34	Slightly Closed; No Repair Needed; Good
HW3	6/1/2015 9:37	36.1	23.5	5.9	34.5	-0.01		72	4		-18.3	2nd Reading; No Repair Needed; Good
HW3	6/16/2015 9:32	35	24.7	5.6	34.7	-0.03	-0.03	86	5	6	-22.53	Slightly Closed; No Repair Needed; Fair
HW3	6/16/2015 9:33	34.9	23.7	5.6	35.8	-0.03		89	5		-21.92	2nd Reading; No Repair Needed; Fair
HW3	7/2/2015 8:17	48.8	33.7	1.8	15.7	-0.01		78	5		-19.34	No Change; No Repair Needed; Good
HW3	7/27/2015 9:51	51.9	34.4	1.2	12.5	-0.02		84	8		-19.46	No Change; No Repair Needed; Good
HW3	8/5/2015 9:52	41.2	27.3	3.9	27.6	-0.03		89	6		-31.12	No Change; No Repair Needed; Good; valve barely cracked
HW3	8/20/2015 9:53	38.8	30.6	4.2	26.4	-0.01		85	6		-22.44	No Change; No Repair Needed; Fair
HW3	9/4/2015 8:04	15.5	15.3	13.5	55.7	-0.02	0.08	85	7	2	-30.47	Slightly Closed; No Repair Needed; Fair
HW3	9/4/2015 8:05	14.7	10	13.8	61.5	0.09	0.08	84	4	2	-30.86	No Change; No Repair Needed; Fair
HW3	9/4/2015 8:06	15.2	9.6	13.9	61.3	0.06		84	5		-28.1	2nd Reading; No Repair Needed; Fair; variance
HW3	9/17/2015 10:12	60.3	39.6	0.1	0	0.11	-0.04	82	13	13	-30.6	Slightly Open; No Repair Needed; Good
HW3	9/17/2015 10:13	61	38.9	0.1	0	-0.1		82	13		-30.9	2nd Reading; No Repair Needed; Good
HW4	9/10/2014 8:59	52.4	35.8	0.3	11.5	-0.49	-0.48	84	10	10	-27.19	No Change; No Repair Needed; Good
HW4	9/25/2014 7:43	49.4	35.4	0.9	14.3	-0.44	-0.44	72	10	6	-26.16	No Change; No Repair Needed; Good
HW4	10/9/2014 9:04	50.8	34.6	0.6	14	-0.18	-0.16	69	13	9	-24.26	No Change; No Repair Needed; Good
HW4	10/23/2014 7:57	51.4	36.2	0.6	11.8	-0.4		62	6		-27.75	No Change; No Repair Needed; Good
HW4	11/5/2014 7:44	47.5	34.7	1.5	16.3	-0.45	-0.38	60	13	10	-27.15	Slightly Closed; No Repair Needed; Good
HW4	11/5/2014 7:45	48	33.8	1.5	16.7	-0.24		61	16		-27.62	2nd Reading; No Repair Needed; Good
HW4	11/19/2014 8:23	60.3	37.1	0	2.6	0.02	-0.04	41	9	15	-26.63	Slightly Open; No Repair Needed; Good
HW4	11/19/2014 8:24	61.3	38.3	0	0.4	-0.54		44	11		-26.41	2nd Reading; No Repair Needed; Good
HW4	12/5/2014 7:52	54.6	38.9	0.3	6.2	-1.31		50	11		-16.06	No Change; No Repair Needed; Good
HW4	12/18/2014 7:59	50.1	33.7	3.1	13.1	-2.15		42	10		-20.33	No Change; No Repair Needed; Good
HW4	1/8/2015 8:14	42.9	29.9	4.6	22.6	-2.8	-2.53	29	33	21	-24.6	Slightly Closed; No Repair Needed; Fair
HW4	1/8/2015 8:16	49.5	29.4	2.8	18.3	-3.17		32	26		-24.51	2nd Reading; No Repair Needed; Fair
HW4	1/22/2015 7:51	48.2	32.8	3.2	15.8	-3.24		40	8		-25.9	No Change; No Repair Needed; Good
HW4	2/3/2015 8:00	47.4	33.8	4.1	14.7	-2.36	-2.31	34	5	6	-27.41	Slightly Closed; No Repair Needed; Fair
HW4	2/3/2015 8:01	46.5	31.1	4.7	17.7	-2.14		33	5		-27.67	2nd Reading; No Repair Needed; Fair
HW4	3/3/2015 8:14	52.6	34.3	1.8	11.3	-0.64		34	7		-18.99	No Change; No Repair Needed; Good
HW4	3/18/2015 7:44	56.7	34.8	1.9	6.6	-0.82		39	7		-17.22	No Change; No Repair Needed; Good
HW4	4/2/2015 7:55	55.8	33.9	1.9	8.4	-2.58		58	0		-21.88	No Change; No Repair Needed; Good
HW4	4/17/2015 9:55	62.5	37.5	0	0	-3.17	-3.46	74	6	7	-21.36	Slightly Open; No Repair Needed; Good
HW4	4/17/2015 9:56	62.6	37	0	0.4	-4.14		73	11		-21.36	2nd Reading; No Repair Needed; Good
HW4	5/5/2015 8:14	48	33.9	1.7	16.4	-12.6	-12.38	72	7	6	-27.06	Slightly Closed; No Repair Needed; Good
HW4	5/5/2015 8:15	47.5	31.9	2.3	18.3	-11.48		73	8		-26.72	2nd Reading; No Repair Needed; Good
HW4	5/20/2015 9:25	55.3	35.1	0.7	8.9	-0.98		73	11		-26.63	No Change; No Repair Needed; Good
HW4	6/1/2015 9:29	51.9	32.7	0.5	14.9	-0.72		72	8		-26.97	No Change; No Repair Needed; Good
HW4	6/16/2015 9:25	49.7	34.2	0.2	15.9	-0.41		89	10		-22.1	No Change; No Repair Needed; Good
HW4	7/2/2015 8:08	51.5	36.6	0.2	11.7	-0.18		79	4		-18.6	No Change; No Repair Needed; Good
HW4	7/27/2015 9:43	55.5	36.7	0.1	7.7	-0.22	-0.3	86	11	8	-19.72	Slightly Open; No Repair Needed; Good
HW4	7/27/2015 9:44	55.6	37.1	0	7.3	-0.54		87	9		-19.64	2nd Reading; No Repair Needed; Good

Green Valley Landfill
Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
HW4	8/5/2015 9:43	37.5	28.7	1.8	32	-1.09	-0.87	90	12	8	-30.38	Slightly Closed; No Repair Needed; Good
HW4	8/5/2015 9:44	37.4	29.4	1.8	31.4	-0.42		91	9		-30.47	2nd Reading; No Repair Needed; Good
HW4	8/20/2015 9:46	59.4	38	0	2.6	0.12	-0.1	85	7	10	-20.5	Slightly Open; No Repair Needed; Good
HW4	8/20/2015 9:47	59.5	38.3	0	2.2	-0.59		86	9		-20.8	2nd Reading; No Repair Needed; Good
HW4	9/4/2015 7:56	24.8	23.3	6	45.9	-0.96	-0.56	85	13	6	-30.6	Slightly Closed; No Repair Needed; Good
HW4	9/4/2015 7:56	24.8	22.1	6	47.1	-0.06		84	6		-30.86	2nd Reading; No Repair Needed; Good
HW4	9/17/2015 10:03	61.1	38.9	0	0	0.3	-0.04	84	12	12	-31.59	Slightly Open; No Repair Needed; Good
HW4	9/17/2015 10:04	60.7	39	0	0.3	-0.19		83	13		-30.51	2nd Reading; No Repair Needed; Good
HW5	9/10/2014 9:04	35.8	25.1	6.4	32.7	-0.19	-0.04	86	14	9	-27.02	Slightly Closed; No Repair Needed; Fair
HW5	9/10/2014 9:05	35.7	24.8	6.5	33	-0.05	-0.03	86	8	8	-26.97	2nd Reading; No Repair Needed; Fair
HW5	9/25/2014 7:37	37.6	44.1	1.2	17.1	-0.13	-0.06	76	38	36	-26.93	Slightly Closed; No Repair Needed; Good
HW5	9/25/2014 7:38	32	50.5	0.9	16.6	-0.08	-0.06	75	4	11	-26.89	2nd Reading; No Repair Needed; Good
HW5	10/9/2014 8:59	59.1	37.9	0.1	2.9	0.1	-0.02	69	37	38	-15.58	Slightly Open; No Repair Needed; Good
HW5	10/9/2014 9:00	56.8	42.3	0	0.9	-0.05	-0.02	72	41	41	-15.15	2nd Reading; No Repair Needed; Good
HW5	10/23/2014 7:53	51.3	33.9	1.5	13.3	-0.21		67	13		-27.06	No Change; No Repair Needed; Good
HW5	11/5/2014 7:39	48.4	28.2	3.2	20.2	-0.24		62	20		-27.06	No Change; No Repair Needed; Good
HW5	11/19/2014 8:17	55.4	35.5	0.9	8.2	-0.09		50	14		-27.58	No Change; No Repair Needed; Good
HW5	12/5/2014 7:46	54.9	34.7	1	9.4	-0.16		52	15		-16.14	No Change; No Repair Needed; Good
HW5	12/18/2014 7:55	55.1	37.2	0.7	7	-0.03		47	17		-19.72	No Change; No Repair Needed; Good
HW5	1/8/2015 8:08	63.2	34.3	0.3	2.2	0.15	-0.18	40	0	25	-22.79	Slightly Open; No Repair Needed; Good
HW5	1/8/2015 8:08	61.3	36.8	0	1.9	-0.51		42	42		-22.1	2nd Reading; No Repair Needed; Good
HW5	1/22/2015 7:47	55.3	33.9	2.1	8.7	-1.43		43	23		-27.23	No Change; No Repair Needed; Good
HW5	2/3/2015 7:55	56.5	34.7	1.9	6.9	-1.23		41	28		-27.19	No Change; No Repair Needed; Good
HW5	3/3/2015 8:09	62	36.7	0.2	1.1	-0.03	-0.46	39	23	27	-18.69	Slightly Open; No Repair Needed; Good
HW5	3/3/2015 8:10	61.2	37.5	0.1	1.2	-1.04		39	31		-18.69	2nd Reading; No Repair Needed; Good
HW5	3/18/2015 7:40	51.9	32.5	3.1	12.5	-2.22		48	26		-17.31	No Change; No Repair Needed; Good
HW5	4/2/2015 7:47	40	24.9	6.8	28.3	-2.95	-1.93	54	26	15	-21.84	Slightly Closed; No Repair Needed; Good
HW5	4/2/2015 7:48	40.1	26.9	6.5	26.5	-1.12		54	15		-22.53	2nd Reading; No Repair Needed; Good
HW5	4/2/2015 10:34	55.6	34.8	1.1	8.5	-0.2		56	13		-23.18	No Change; No Repair Needed; Good
HW5	4/17/2015 9:44	61	38	0	1	1.17	-0.05	70	16	21	-22.53	Slightly Open; No Repair Needed; Good
HW5	4/17/2015 9:45	60.6	38.7	0	0.7	-0.32		68	19		-22.05	2nd Reading; No Repair Needed; Good
HW5	5/5/2015 8:08	32.5	18.9	9.3	39.3	-3.34	-2.14	69	20	11	-26.97	Slightly Closed; No Repair Needed; Good
HW5	5/5/2015 8:09	31.8	20.8	9.1	38.3	-1.16		69	11		-26.76	2nd Reading; No Repair Needed; Good
HW5	5/5/2015 13:23	60.2	38	0	1.8	0.56	-0.19	83	10	16	-26.89	Slightly Open; No Repair Needed; Good
HW5	5/5/2015 13:24	60	38.7	0	1.3	-0.81		79	15		-26.76	2nd Reading; No Repair Needed; Good
HW5	5/20/2015 9:20	30.5	26.2	7.8	35.5	-2.46	-1.61	72	12	7	-26.63	Slightly Closed; No Repair Needed; Good
HW5	5/20/2015 9:21	29.9	24.5	7.9	37.7	-0.65		73	7		-26.89	2nd Reading; No Repair Needed; Good
HW5	5/20/2015 13:47	57.9	37.2	0.1	4.8	-0.01		79	10		-26.67	No Change; No Repair Needed; Good
HW5	6/1/2015 9:22	35	26.9	5.6	32.5	-0.65	-0.58	72	8	5	-26.63	Slightly Closed; No Repair Needed; Good
HW5	6/1/2015 9:23	34.7	25.5	5.6	34.2	-0.38		72	8		-26.93	2nd Reading; No Repair Needed; Good
HW5	6/16/2015 9:20	50.8	35.4	1.5	12.3	-0.15		86	9		-22.1	No Change; No Repair Needed; Good
HW5	7/2/2015 8:02	55.7	37.1	0.7	6.5	-0.05		77	6		-18.95	No Change; No Repair Needed; Good
HW5	7/27/2015 9:38	54.1	36.1	1.1	8.7	-0.08		83	9		-19.34	No Change; No Repair Needed; Good
HW5	8/5/2015 9:37	42.9	31.1	2.5	23.5	-0.33	-0.23	91	7	7	-31.03	Slightly Closed; No Repair Needed; Good
HW5	8/5/2015 9:38	43	30.6	2.6	23.8	-0.01		90	9		-30.73	2nd Reading; No Repair Needed; Good
HW5	8/20/2015 9:40	60.4	37.2	0	2.4	0.07	-0.12	83	8	9	-22.1	Slightly Open; No Repair Needed; Good
HW5	8/20/2015 9:41	60.6	38.4	0	1	-0.34		84	10		-21.28	2nd Reading; No Repair Needed; Good
HW5	9/4/2015 7:50	29.3	24	6.8	39.9	-0.48	-0.11	84	10	6	-31.55	Slightly Closed; No Repair Needed; Fair
HW5	9/4/2015 7:51	29.2	22.9	7	40.9	-0.02		84	5		-31.16	2nd Reading; No Repair Needed; Good
HW5	9/17/2015 9:54	60.2	38.6	0	1.2	0.08	-0.05	84	15	13	-30.34	Slightly Open; No Repair Needed; Good

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
HW5	9/17/2015 9:56	60.6	39.3	0	0.1	-0.26		82	13		-31.12	2nd Reading; No Repair Needed; Good
HW6	9/10/2014 9:23	53.6	35.6	0.5	10.3	-0.15	-0.14	84	10	10	-26.63	No Change; No Repair Needed; Good
HW6	9/25/2014 8:04	46.1	35.5	2.7	15.7	-0.37	-0.37	78	8	4	-26.5	No Change; No Repair Needed; Good
HW6	10/9/2014 9:26	51.2	34.5	1.4	12.9	-0.47	-0.44	77	15	13	-27.28	No Change; No Repair Needed; Good
HW6	10/23/2014 8:19	52.8	34.6	1.1	11.5	-0.41		69	11		-27.06	No Change; No Repair Needed; Good
HW6	11/5/2014 8:12	51.4	33.1	1.7	13.8	-0.37		63	13		-26.85	No Change; No Repair Needed; Good
HW6	11/19/2014 8:52	56.6	35.3	0.6	7.5	-0.08		48	7		-27.23	No Change; No Repair Needed; Good
HW6	12/5/2014 8:16	50.6	29.8	2.7	16.9	-0.05		57	12		-16.62	No Change; No Repair Needed; Good
HW6	12/18/2014 8:20	42.2	31	5.2	21.6	-1.64	-1.59	49	6	6	-20.37	Slightly Closed; No Repair Needed; Good
HW6	12/18/2014 8:21	43	29.3	5.3	22.4	-1.3		49	9		-20.54	2nd Reading; No Repair Needed; Good
HW6	12/18/2014 11:52	60.3	36.7	0	3	0.46	-0.05	50	0	0	-19.77	Slightly Open; No Repair Needed; Good
HW6	12/18/2014 11:53	60.9	37.1	0	2	-0.88		54	0		-19.55	2nd Reading; No Repair Needed; Good
HW6	1/8/2015 8:47	51.3	32.8	2.6	13.3	-2.5		42	9		-24.13	No Change; No Repair Needed; Good
HW6	1/22/2015 8:13	58.9	37.3	0.7	3.1	-5	-5.44	46	14	19	-25.55	Slightly Open; No Repair Needed; Good
HW6	1/22/2015 8:14	59	37.4	0.6	3	-6.82		48	18		-25.59	2nd Reading; No Repair Needed; Good
HW6	2/3/2015 8:26	58.7	36.7	0.6	4	-10.61	-10.96	44	14	20	-25.33	Slightly Open; No Repair Needed; Good
HW6	2/3/2015 8:27	59.4	38.1	0.4	2.1	-12.34		46	21		-26.93	2nd Reading; No Repair Needed; Good
HW6	3/3/2015 8:39	30.2	24.1	9.2	36.5	-0.63	-0.01	46	19	8	-18.34	Slightly Closed; No Repair Needed; Fair
HW6	3/3/2015 8:40	30.7	22.4	9.6	37.3	-0.01		45	13		-17.95	2nd Reading; No Repair Needed; Good
HW6	3/18/2015 8:15	62.9	35.8	0.5	0.8	-2.69	-2.89	46	14	23	-19.38	Slightly Open; No Repair Needed; Good
HW6	3/18/2015 8:16	61.8	36.6	0.3	1.3	-3.78		46	20		-18.9	2nd Reading; No Repair Needed; Good
HW6	4/2/2015 8:24	59.2	35.3	0.7	4.8	-10.61		60	14		-23.05	No Change; No Repair Needed; Good
HW6	4/17/2015 10:33	62	36.4	0	1.6	-4.31	-4.97	71	21	21	-20.8	Slightly Open; No Repair Needed; Good
HW6	4/17/2015 10:34	62	37.1	0	0.9	-7.51		71	22		-19.98	2nd Reading; No Repair Needed; Good
HW6	5/5/2015 8:48	4.9	9.9	18.6	66.6	-27.26	-27.18	74	0	0	-27.36	Slightly Closed; No Repair Needed; Fair
HW6	5/5/2015 8:49	7.8	4.5	18.5	69.2	-27.22		74	0		-26.63	2nd Reading; No Repair Needed; Fair; camera investigation
HW6	5/20/2015 10:01	5.2	10.9	17.7	66.2	-26.83	-26.83	69	2	0	-27.02	Slightly Closed; No Repair Needed; Fair; camera investigation
HW6	5/20/2015 10:02	5.1	5.6	18.6	70.7	-26.53		72	5		-26.28	2nd Reading; No Repair Needed; Fair
HW6	6/1/2015 10:04	48.9	40.8	1	9.3	-0.24		61	4		-26.59	No Change; No Repair Needed; Good
HW6	6/16/2015 10:05	50.1	29.1	3.6	17.2	-22.04		89	5		-21.97	No Change; No Repair Needed; Fair
HW6	7/2/2015 8:46	14.2	10.3	15.9	59.6	-18.85	-18.9	72	7	5	-18.6	Slightly Closed; No Repair Needed; Fair; valve completely closed
HW6	7/2/2015 8:47	21.6	13.4	13.3	51.7	-18.59		71	5		-19.34	2nd Reading; No Repair Needed; Fair; valve completely closed
HW6	7/15/2015 9:38	8.6	3.9	17.2	70.3	-4.74	-4.74	75	7	7	-26.67	No Change; No Repair Needed; Fair; valve completely closed
HW6	7/15/2015 9:40	25.3	16.2	11.3	47.2	-4.8		75	8		-26.63	2nd Reading; No Repair Needed; Fair; valve completely closed
HW6	7/27/2015 10:38	56.9	33	1.2	8.9	1.82	-1.66	83	0	0	-19.34	Slightly Open; No Repair Needed; Good
HW6	7/27/2015 10:39	56.1	34	1.8	8.1	-8.2		82	4		-19.34	2nd Reading; No Repair Needed; Good
HW6	8/5/2015 10:18	18.3	16.3	12.7	52.7	-29.34	-29.42	91	3	2	-30.47	Slightly Closed; No Repair Needed; Fair; valve completely closed
HW6	8/5/2015 10:19	11.1	8.8	16.2	63.9	-28.65		92	3		-30.47	2nd Reading; No Repair Needed; Fair
HW6	8/20/2015 10:19	3.8	10.1	19.1	67	-14.58	-14.62	77	0	0	-20.8	No Change; No Repair Needed; Fair; valve completely closed
HW6	8/20/2015 10:20	9.9	3.5	17.4	69.2	-14.58		78	6		-21.36	2nd Reading; No Repair Needed; Fair
HW6	9/4/2015 8:54	4.2	5.9	19.3	70.6	-7.2	-7.2	80	5	5	-30.21	No Change; No Repair Needed; Fair; valve completely closed
HW6	9/4/2015 8:55	20.2	8.5	13.8	57.5	-7.25		81	9		-30.82	2nd Reading; No Repair Needed; Fair
HW6	9/17/2015 11:01	10.1	9	17.2	63.7	-5.48	-5.48	87	11	10	-30.69	No Change; No Repair Needed; Fair; valve completely closed
HW6	9/17/2015 11:02	27.5	16.1	11	45.4	-5.52		89	12		-30.47	2nd Reading; No Repair Needed; Fair
HW7	9/10/2014 8:55	54.3	36.8	0.9	8	-0.69	-0.63	98	42	47	-26.93	No Change; No Repair Needed; Good
HW7	9/25/2014 7:47	42.6	35.1	4.2	18.1	-0.99	-0.38	98	63	46	-27.14	Slightly Closed; No Repair Needed; Good
HW7	9/25/2014 7:48	43.1	33.5	4.1	19.3	-0.38	-0.38	98	45	39	-27.83	2nd Reading; No Repair Needed; Good
HW7	10/9/2014 9:08	58.7	39	0	2.3	0.17	-0.05	62	21	36	-26.93	Slightly Open; No Repair Needed; Good
HW7	10/9/2014 9:09	59.7	40.3	0	0	-0.06	-0.02	83	26	24	-25.9	2nd Reading; No Repair Needed; Good
HW7	10/23/2014 8:02	57.6	42	0	0.4	0.03	-0.11	86	24	27	-26.67	Slightly Open; No Repair Needed; Good

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
HW7	10/23/2014 8:03	58.5	41.5	0	0	-0.13		87	25		-26.33	2nd Reading; No Repair Needed; Good
HW7	11/5/2014 7:51	56.7	39	0.2	4.1	-0.22	-0.42	87	17	28	-27.41	Slightly Open; No Repair Needed; Good
HW7	11/5/2014 7:52	56.8	39	0.2	4	-0.24		87	38		-28.01	2nd Reading; No Repair Needed; Good
HW7	11/19/2014 8:28	56.8	38.2	0.2	4.8	-1.86		82	103		-26.54	No Change; No Repair Needed; Good
HW7	12/5/2014 7:58	57.6	41	0	1.4	-0.06		78	33		-15.93	No Change; No Repair Needed; Good
HW7	12/18/2014 8:03	55.5	38.6	0	5.9	-0.2		74	29		-20.54	No Change; No Repair Needed; Good
HW7	1/8/2015 8:23	54.1	32.9	1.1	11.9	-0.37		69	35		-24.21	No Change; No Repair Needed; Good
HW7	1/22/2015 7:55	54.8	37.4	1	6.8	-0.48		74	49		-25.33	No Change; No Repair Needed; Good
HW7	2/3/2015 8:07	60.2	38.9	0.1	0.8	-1.3	-1.97	69	74	85	-27.97	Slightly Open; No Repair Needed; Good
HW7	2/3/2015 8:08	59.4	40.3	0	0.3	-1.26		70	72		-28.05	2nd Reading; No Repair Needed; Good
HW7	3/3/2015 8:18	48.7	34.9	2.8	13.6	-0.77		73	56		-18.73	No Change; No Repair Needed; Good
HW7	3/18/2015 7:50	43.9	29.3	4.8	22	-0.91	-0.36	64	52	35	-17.39	Slightly Closed; No Repair Needed; Fair
HW7	3/18/2015 7:50	44.5	30.4	4.3	20.8	-0.31		64	32		-18.47	2nd Reading; No Repair Needed; Good
HW7	4/2/2015 7:59	49.1	35.5	2.6	12.8	-0.51		74	39		-22.53	No Change; No Repair Needed; Good
HW7	4/17/2015 10:02	60.5	37.4	0	2.1	-0.48	-0.74	76	37	48	-21.28	Slightly Open; No Repair Needed; Good
HW7	4/17/2015 10:03	60.1	38.7	0	1.2	-0.77		76	35		-22.31	2nd Reading; No Repair Needed; Good
HW7	5/5/2015 8:20	52.7	37	1.4	8.9	-2.59		82	46		-27.32	No Change; No Repair Needed; Good
HW7	5/20/2015 9:29	49.9	35.5	2	12.6	-2.02		92	58		-26.59	No Change; No Repair Needed; Good
HW7	6/1/2015 9:33	36.2	28.3	5.9	29.6	-1.17	-0.59	99	56	36	-26.28	Slightly Closed; No Repair Needed; Good
HW7	6/1/2015 9:33	36.4	27	5.6	31	-0.45		98	44		-28.4	2nd Reading; No Repair Needed; Good
HW7	6/16/2015 9:29	44.7	34.8	3	17.5	-0.48	-0.33	99	34	28	-21.45	Slightly Closed; No Repair Needed; Good
HW7	6/16/2015 9:29	44.4	33.1	3	19.5	-0.27		98	18		-22.05	2nd Reading; No Repair Needed; Good
HW7	7/2/2015 8:15	59.6	40	0	0.4	-0.13	-0.33	92	13	26	-26.59	Slightly Open; No Repair Needed; Good
HW7	7/2/2015 8:16	59.7	40.3	0	0	-0.43		92	31		-23.74	2nd Reading; No Repair Needed; Good
HW7	7/27/2015 9:49	48.7	36.2	1.9	13.2	-0.35		100	27		-19.72	No Change; No Repair Needed; Good
HW7	8/5/2015 9:49	33.3	30.5	6	30.2	-0.65	-0.24	107	38	33	-30.6	Slightly Closed; No Repair Needed; Good
HW7	8/5/2015 9:50	35.1	26.6	5.6	32.7	-0.19		107	25		-30.08	2nd Reading; No Repair Needed; Good
HW7	8/20/2015 9:51	52.3	38.9	0.7	8.1	-0.1		100	25		-20.54	No Change; No Repair Needed; Good
HW7	9/4/2015 8:01	40.4	31.4	4	24.2	-0.16	-0.08	105	26	24	-30.86	Slightly Closed; No Repair Needed; Good
HW7	9/4/2015 8:01	40.3	31.1	4	24.6	-0.03		105	17		-30.56	2nd Reading; No Repair Needed; Good
HW7	9/17/2015 10:09	57.6	39.6	0.1	2.7	-0.05	-0.12	98	23	26	-30.51	Slightly Open; No Repair Needed; Good
HW7	9/17/2015 10:09	57.3	39.8	0.1	2.8	-0.17		98	28		-30.51	2nd Reading; No Repair Needed; Good
HW8	9/10/2014 9:01	52.1	37.4	0.8	9.7	-0.19	-0.16	100	25	29	-26.63	No Change; No Repair Needed; Good
HW8	9/25/2014 7:40	36.6	39.6	3.3	20.5	-0.11	-0.05	100	25	21	-26.46	Slightly Closed; No Repair Needed; Good
HW8	9/25/2014 7:41	39.5	34.3	3.4	22.8	-0.05	-0.04	99	23	19	-26.16	2nd Reading; No Repair Needed; Good
HW8	10/9/2014 9:02	46.1	32.3	2.5	19.1	-0.01	-0.02	98	39	36	-21.32	No Change; No Repair Needed; Good
HW8	10/23/2014 7:55	47.6	37.3	2	13.1	-0.01		92	19		-26.67	No Change; No Repair Needed; Good
HW8	11/5/2014 7:41	48.9	34.1	1.9	15.1	-0.03		91	17		-26.59	No Change; No Repair Needed; Good
HW8	11/19/2014 8:20	48.3	36.6	2.3	12.8	-0.01		82	36		-26.33	No Change; No Repair Needed; Good
HW8	12/5/2014 7:49	57.5	38.5	0.2	3.8	0.08	-0.09	83	32	37	-16.23	Slightly Open; No Repair Needed; Good
HW8	12/5/2014 7:50	57.2	38.9	0	3.9	-0.1		85	26		-17.44	2nd Reading; No Repair Needed; Good
HW8	12/18/2014 7:57	48.6	36.4	2.1	12.9	-0.18		81	22		-22.44	No Change; No Repair Needed; Good
HW8	1/8/2015 8:10	44.4	34.2	3.6	17.8	-0.12	-0.02	79	30	26	-25.55	Slightly Closed; No Repair Needed; Good
HW8	1/8/2015 8:11	43.6	32.5	3.8	20.1	-0.03		78	19		-25.46	2nd Reading; No Repair Needed; Good
HW8	1/22/2015 7:49	53.6	36.4	1.1	8.9	-0.09		75	14		-26.24	No Change; No Repair Needed; Good
HW8	2/3/2015 7:57	59.9	39.1	0.1	0.9	-0.02	-0.18	67	14	22	-27.67	Slightly Open; No Repair Needed; Good
HW8	2/3/2015 7:58	59.2	40.2	0.1	0.5	-0.21		68	25		-28.36	2nd Reading; No Repair Needed; Good
HW8	3/3/2015 8:12	53.2	36	1.2	9.6	-0.2		73	28		-19.72	No Change; No Repair Needed; Good
HW8	3/18/2015 7:42	53.7	34.5	1.2	10.6	-0.13		62	28		-18.73	No Change; No Repair Needed; Good
HW8	4/2/2015 7:51	40.8	28.5	4.3	26.4	-0.32	-0.07	82	25	19	-23.78	Slightly Closed; No Repair Needed; Good

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
HW8	4/2/2015 7:52	40.5	29.6	4.2	25.7	-0.1		81	23		-22.53	2nd Reading; No Repair Needed; Good
HW8	4/17/2015 9:52	59.7	38.6	0	1.7	-0.03	-0.32	77	22	31	-21.84	Slightly Open; No Repair Needed; Good
HW8	4/17/2015 9:53	59.7	39	0	1.3	-0.33		77	30		-22.36	2nd Reading; No Repair Needed; Good
HW8	5/5/2015 8:11	56.2	36.6	0.7	6.5	-1.37		80	47		-27.49	No Change; No Repair Needed; Good
HW8	5/20/2015 9:23	51.7	32.7	1.3	14.3	-1.63		89	39		-27.45	No Change; No Repair Needed; Good
HW8	6/1/2015 9:26	34.3	25.6	5.4	34.7	-0.94	-0.69	100	35	33	-27.97	Slightly Closed; No Repair Needed; Good
HW8	6/1/2015 9:26	34.3	26.2	5.4	34.1	-0.49		100	27		-27.19	2nd Reading; No Repair Needed; Good
HW8	6/16/2015 9:22	41.4	32.9	2.6	23.1	-0.3	-0.2	101	31	22	-23	Slightly Closed; No Repair Needed; Good
HW8	6/16/2015 9:23	41.1	32.3	2.6	24	-0.19		101	25		-22.83	2nd Reading; No Repair Needed; Good
HW8	7/2/2015 8:05	55.5	37.9	0	6.6	-0.07	-0.17	93	10	15	-19.51	Slightly Open; No Repair Needed; Good
HW8	7/2/2015 8:06	55.5	38.8	0	5.7	-0.25		93	25		-18.99	2nd Reading; No Repair Needed; Good
HW8	7/27/2015 9:41	44.2	34	1.5	20.3	-0.26		100	19		-20.5	No Change; No Repair Needed; Good
HW8	8/5/2015 9:40	30.3	27	5.6	37.1	-0.27	-0.08	110	22	21	-31.68	Slightly Closed; No Repair Needed; Good
HW8	8/5/2015 9:41	29.6	25.4	5.8	39.2	-0.07		109	16		-30.64	2nd Reading; No Repair Needed; Good
HW8	8/20/2015 9:44	50.6	36.9	0.6	11.9	-0.02		99	13		-21.06	No Change; No Repair Needed; Good
HW8	9/4/2015 7:53	41.8	31.2	2.2	24.8	-0.03		100	14		-31.2	No Change; No Repair Needed; Good
HW8	9/17/2015 9:58	53.3	38.9	0.1	7.7	0.04	-0.01	97	12	13	-31.07	Slightly Open; No Repair Needed; Good
HW8	9/17/2015 9:59	53.6	38.3	0.1	8	-0.03		97	14		-30.86	2nd Reading; No Repair Needed; Good
HW9	5/20/2015 9:36	60.7	36.4	0.1	2.8	0.15	-0.03	74	9	24	-26.63	Slightly Open; No Repair Needed; Good
HW9	5/20/2015 9:39	60.9	37	0	2.1	-0.03		78	29		-26.97	2nd Reading; No Repair Needed; Good
HW9	6/1/2015 9:41	24	21	8.7	46.3	-0.02	-0.02	83	20	21	-17.22	No Change; No Repair Needed; Fair
HW9	6/1/2015 9:42	24.3	18.6	8.6	48.5	-0.02		83	24		-17.35	2nd Reading; No Repair Needed; Fair
HW9	6/16/2015 9:38	29.3	22.2	6.9	41.6	-0.08	-0.03	94	24	19	-22.27	Slightly Closed; No Repair Needed; Good
HW9	6/16/2015 9:39	29	22	7	42	-0.01		94	16		-22.44	2nd Reading; No Repair Needed; Good
HW9	7/2/2015 8:25	31.7	23.4	6.3	38.6	-0.02	-0.02	92	18	18	-19.34	No Change; No Repair Needed; Fair
HW9	7/2/2015 8:26	31.6	23.3	6.4	38.7	-0.02		93	20		-18.17	2nd Reading; No Repair Needed; Fair
HW9	7/15/2015 9:30	50	33.9	2.2	13.9	-0.06		90	21		-27.1	No Change; No Repair Needed; Good
HW9	7/27/2015 9:59	31.5	23.4	5.9	39.2	-0.04	-0.02	95	23	22	-19.08	Slightly Closed; No Repair Needed; Fair
HW9	7/27/2015 10:00	31.8	23.2	6	39	-0.02		95	27		-19.64	2nd Reading; No Repair Needed; Fair
HW9	8/5/2015 9:56	13.5	14.9	12.4	59.2	-0.11	-0.04	99	25	21	-31.46	Slightly Closed; No Repair Needed; Fair
HW9	8/5/2015 9:57	13.2	10.4	12.9	63.5	-0.03		99	20		-31.51	2nd Reading; No Repair Needed; Fair
HW9	8/20/2015 9:59	10.1	13	14.2	62.7	-0.01	0.09	100	21	15	-30.73	Slightly Closed; No Repair Needed; Fair
HW9	8/20/2015 10:00	9.9	8.5	14.7	66.9	0.11	0.11	98	7	6	-30.82	No Change; No Repair Needed; Fair; valve completely closed
HW9	8/20/2015 10:01	10.1	7.9	14.7	67.3	0.1		97	8		-30.51	2nd Reading; No Repair Needed; Fair; valve completely closed; variance
HW9	9/4/2015 8:11	11.2	13.2	13.7	61.9	0.12	0.12	95	9	10	-28.74	No Change; No Repair Needed; Fair
HW9	9/4/2015 8:12	10.9	9.1	14.1	65.9	0.12		95	5		-31.16	2nd Reading; No Repair Needed; Fair
HW9	9/17/2015 10:17	31.4	24.4	5.3	38.9	0.13	0.13	87	10	11	-30.82	No Change; No Repair Needed; Fair
HW9	9/17/2015 10:18	31.8	23.6	5.3	39.3	0.13		88	11		-30.73	2nd Reading; No Repair Needed; Fair
PW1	9/10/2014 8:50	59.7	38.1	0	2.2	-26.66	-26.66	89	9	13	-26.97	No Change; No Repair Needed; Good
PW1	9/25/2014 7:52	59.2	38.2	0.1	2.5	-15.47	-21.37	99	32	21	-27.27	Slightly Open; No Repair Needed; Good; 5120
PW1	9/25/2014 7:53	57.2	41.2	0.1	1.5	-22.36	-22.06	99	27	29	-27.32	2nd Reading; No Repair Needed; Good
PW1	10/9/2014 9:13	54.4	35	1.4	9.2	-22.35	-22.35	91	31	28	-26.28	No Change; No Repair Needed; Good; 13505
PW1	10/23/2014 8:08	53.4	35.8	1.7	9.1	-24.63		80	35		-27.02	No Change; No Repair Needed; Good; 13506
PW1	11/5/2014 7:57	57.2	34.8	1.1	6.9	-25.5		87	32		-26.97	No Change; No Repair Needed; Good; 13506
PW1	11/19/2014 8:35	48.8	31.2	3.4	16.6	-22.09		62	48		-26.67	No Change; Pump Maintenance Required; Fair; 13506
PW1	12/5/2014 8:04	55.3	36.6	0.5	7.6	-12.21		58	27		-16.62	No Change; No Repair Needed; Good; 13506
PW1	1/8/2015 8:29	37	26.2	8	28.8	-0.86	-0.76	6	6	6	-24.04	Slightly Closed; Pump Maintenance Required; Fair; 13508
PW1	1/8/2015 8:30	37	26	7.9	29.1	-0.88		6	12		-24.43	2nd Reading; Pump Maintenance Required; Fair
PW1	1/22/2015 7:59	48.3	29.9	4.4	17.4	-20.97		39	12		-26.24	No Change; Pump Maintenance Required; Fair; 13510
PW1	2/3/2015 8:12	51.1	32.4	3	13.5	-1.32		30	9		-26.59	No Change; Pump Maintenance Required; Fair; 13510

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
PW1	3/3/2015 8:25	61	38.2	0	0.8	72.91	-0.18	78	0	28	-18.64	Slightly Open; No Repair Needed; Good; 25170
PW1	3/3/2015 8:26	58.8	40	0	1.2	-3.03		102	23		-16.92	2nd Reading; No Repair Needed; Good
PW1	3/18/2015 7:55	61.5	38.5	0	0	57.68	-3.76	72	0	21	-18.56	Slightly Open; No Repair Needed; Good; 27057
PW1	3/18/2015 7:56	59.2	39.4	0.1	1.3	-11.35		100	30		-18.69	2nd Reading; No Repair Needed; Good
PW1	4/2/2015 8:06	12.9	11.9	15.2	60	-23.47	-23.04	66	22	11	-23.48	Slightly Closed; Pump Maintenance Required; Fair; 27866
PW1	4/2/2015 8:07	22.4	19.2	13.1	45.3	-21.83		65	12		-23.18	2nd Reading; Pump Maintenance Required; Fair
PW1	4/2/2015 10:41	44.9	28.6	4.7	21.8	-22.48		73	19		-22.87	No Change; No Repair Needed; Fair; force main restricted
PW1	4/17/2015 10:09	61.4	38.3	0	0.3	42.88	-19.59	90	18	62	-20.5	Slightly Open; No Repair Needed; Good; 32348
PW1	4/17/2015 10:11	15.2	16.6	14.6	53.6	-18.21	-14.11	88	45	21	-20.2	Slightly Closed; Pump Maintenance Required; Fair
PW1	4/17/2015 10:18	38.1	27	4.2	30.7	-2.63		92	37		-20.5	No Change; No Repair Needed; Fair; got pump cycling
PW1	5/5/2015 8:35	53.4	31	1.5	14.1	-26.53		96	51		-26.93	No Change; No Repair Needed; Good; 38690
PW1	5/20/2015 9:33	60.7	36.7	0.7	1.9	-26.57		96	21		-26.24	No Change; No Repair Needed; Good; 44690
PW1	6/1/2015 9:39	57.7	32.9	0.6	8.8	-17.13		81	12		-16.92	No Change; No Repair Needed; Good; 44690
PW1	6/16/2015 9:35	52.2	35.4	1.8	10.6	-19.28		100	47		-22.1	No Change; No Repair Needed; Good; 52359
PW1	7/2/2015 8:21	61	39	0	0	33.22	-0.59	95	18	59	-18.99	Slightly Open; No Repair Needed; Good; 52420
PW1	7/2/2015 8:22	59.2	39.6	1.2	0	-2.43		101	64		-18.64	2nd Reading; No Repair Needed; Good
PW1	7/27/2015 9:55	57.7	37.6	0	4.7	-11.65	-19.24	97	37	15	-19.34	Slightly Open; No Repair Needed; Good; 52422
PW1	7/27/2015 9:57	48.1	30.9	4	17	-15.44		95	22		-19.51	2nd Reading; No Repair Needed; Fair
PW1	8/5/2015 9:54	57.1	36	0.2	6.7	-21.74		96	29		-30.47	No Change; No Repair Needed; Good; 52422
PW1	8/20/2015 9:56	59.3	39.9	0	0.8	15.96	-2.86	105	23	38	-28.74	Slightly Open; No Repair Needed; Good; 60396
PW1	8/20/2015 9:56	57.7	41.2	0.1	1	-10.27		106	42		-30.25	2nd Reading; No Repair Needed; Good
PW1	9/4/2015 8:08	61	32.5	0.3	6.2	12.25	-4.44	98	28	24	-25.64	Slightly Open; No Repair Needed; Good; 60396
PW1	9/4/2015 8:09	59.3	39.2	0.5	1	-16.48		102	21		-26.15	2nd Reading; No Repair Needed; Good
PW1	9/17/2015 10:15	60.2	38.8	0.1	0.9	-3.43		99	33		-30.51	No Change; No Repair Needed; Good; 60396
PW2	9/10/2014 8:57	56.6	39.7	0.2	3.5	-26.23	-26.62	99	32	30	-26.72	No Change; No Repair Needed; Good
PW2	9/25/2014 7:45	57.9	38.8	0	3.3	-23.74	-24.47	100	33	33	-26.97	No Change; No Repair Needed; Good; 3131
PW2	10/9/2014 9:06	56.7	38.3	0.3	4.7	-25.11	-24.42	95	26	25	-26.97	No Change; Pump Maintenance Required; Good; 3132
PW2	10/23/2014 8:00	58.5	39.7	0	1.8	-1.82	-5.18	106	31	47	-28.18	Slightly Open; No Repair Needed; Good; 7353
PW2	10/23/2014 8:00	57.8	41.9	0	0.3	-9.71		106	57		-29	2nd Reading; No Repair Needed; Good
PW2	11/5/2014 7:48	58.8	39.9	0	1.3	-16.39	-22.09	104	60	50	-26.97	Slightly Open; No Repair Needed; Good; 18348
PW2	11/5/2014 7:49	58.7	39.9	0	1.4	-21.1		104	62		-27.19	2nd Reading; No Repair Needed; Good
PW2	11/19/2014 8:26	55.5	38.2	0.7	5.6	-25.93		89	43		-27.32	No Change; No Repair Needed; Good; 18348
PW2	12/5/2014 7:55	56	38.3	0	5.7	-5.91	-7.72	104	48	46	-14.89	Slightly Open; No Repair Needed; Good
PW2	12/5/2014 7:56	57.5	40.5	0	2	-8.2		104	48		-15.11	2nd Reading; No Repair Needed; Good
PW2	12/18/2014 8:01	56.4	35.2	0.4	8	-20.36		83	25		-21.1	No Change; No Repair Needed; Good; 20067
PW2	1/8/2015 8:18	56.5	33.9	0.5	9.1	-24.12		66	37		-24.34	No Change; No Repair Needed; Good; 20067
PW2	1/22/2015 7:53	57.9	34.8	0.4	6.9	-25.5		74	37		-25.55	No Change; Pump Maintenance Required; Fair
PW2	2/3/2015 8:04	59.5	39.2	0.1	1.2	-27.57		71	29		-26.28	No Change; Pump Maintenance Required; Fair; 20069; surging
PW2	3/3/2015 8:16	58.6	36.7	0.2	4.5	-19.15		65	52		-18.13	No Change; No Repair Needed; Good; 20119
PW2	3/18/2015 7:46	57.6	36	0.5	5.9	-16.78		81	28		-17.44	No Change; No Repair Needed; Good; 20700
PW2	4/2/2015 7:57	60.1	38.9	0.1	0.9	-3.91		92	0		-23.13	No Change; No Repair Needed; Fair; 23417; remote restricted
PW2	4/17/2015 9:59	59	39.9	0	1.1	-4.75		107	0		-21.15	No Change; No Repair Needed; Fair; 42302; remote restricted
PW2	5/5/2015 8:18	59.1	38.6	0.1	2.2	-7.98		107	53		-27.23	No Change; No Repair Needed; Good; 50415; surging
PW2	5/20/2015 9:27	57.3	36.4	0.5	5.8	-23.3		94	21		-26.76	No Change; No Repair Needed; Good
PW2	6/1/2015 9:31	56.1	35.7	0.6	7.6	-25.19		86	25		-26.59	No Change; No Repair Needed; Good; 55176; surging
PW2	6/16/2015 9:27	56.8	38.9	0	4.3	-7.59		111	55		-22.49	No Change; No Repair Needed; Good; surging
PW2	7/2/2015 8:11	59.4	39.8	0	0.8	-9.58	-20.28	106	36	37	-22.49	Slightly Open; No Repair Needed; Fair; 111414; surging
PW2	7/2/2015 8:12	58.7	40.3	0.2	0.8	-19.15		106	53		-26.28	2nd Reading; No Repair Needed; Fair
PW2	7/27/2015 9:47	57.9	39.6	0.2	2.3	-17.86		110	35		-18.69	No Change; No Repair Needed; Fair; 154692; remote restricted
PW2	8/5/2015 9:47	57.1	35.9	0.2	6.8	-26.92		109	27		-30.6	No Change; No Repair Needed; Fair; 163674; surging

Green Valley Landfill
Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
PW2	8/20/2015 9:49	56.8	38.9	0.1	4.2	-18.9		110	31		-20.89	No Change; No Repair Needed; Fair; surging
PW2	9/4/2015 7:59	57.9	34.4	0.3	7.4	-29.94		115	11		-30.47	No Change; No Repair Needed; Fair; 191139; surging
PW2	9/17/2015 10:06	58.8	39.7	0	1.5	-30.03		115	14		-30.82	No Change; No Repair Needed; Good
W08R	9/10/2014 11:14	54.5	37.6	0	7.9	-1.28	-1.3	90	6	6	-18.52	Slightly Open; No Repair Needed; Good; 68857
W08R	9/10/2014 11:14	54.9	38.5	0	6.6	-1.32	-1.34	91	8	7	-17.65	2nd Reading; No Repair Needed; Good
W08R	9/25/2014 9:40	49.5	36	0	14.5	-1.75	-1.74	95	11	7	-18.48	No Change; No Repair Needed; Good; 69061
W08R	10/9/2014 11:08	55.5	35.1	0	9.4	-1.82	-1.88	94	14	10	-20.41	Slightly Open; No Repair Needed; Good; 69284
W08R	10/9/2014 11:09	54.6	36.4	0	9	-1.93	-1.94	96	13	12	-20.2	2nd Reading; No Repair Needed; Good
W08R	10/23/2014 10:00	49.3	35.1	0	15.6	-2.36		95	9		-14.59	No Change; No Repair Needed; Good; 69517
W08R	11/5/2014 10:35	46.6	34.6	0	18.8	-2.36	-2.3	97	16	11	-20.37	Slightly Closed; No Repair Needed; Good; 69756
W08R	11/5/2014 10:36	46.4	35.2	0	18.4	-2.22		94	10		-19.46	2nd Reading; No Repair Needed; Good
W08R	11/19/2014 10:47	51.7	33.9	0	14.4	-0.01		83	14		-19.55	No Change; No Repair Needed; Good; 69934
W08R	12/5/2014 10:01	57.3	35.2	0	7.5	-1.64		87	8		-15.54	No Change; No Repair Needed; Good; 70262
W08R	12/18/2014 9:56	56.7	37.1	0	6.2	-2.26		87	6		-16.92	No Change; No Repair Needed; Good; 70471
W08R	1/22/2015 10:11	56.9	36.5	0	6.6	-5.78	-5.87	89	7	7	-16.53	Slightly Open; No Repair Needed; Good; 71211
W08R	1/22/2015 10:12	56.5	38.5	0	5	-6.13		91	13		-17.26	2nd Reading; No Repair Needed; Good
W08R	2/3/2015 10:25	52.9	37.2	0	9.9	-7.85		94	7		-20.76	No Change; No Repair Needed; Good; 71737
W08R	3/3/2015 10:33	58.3	35.4	0	6.3	-1.8	-1.91	94	14	14	-14.29	Slightly Open; No Repair Needed; Good; 72451
W08R	3/3/2015 10:34	57.9	36.5	0	5.6	-1.94		97	24		-14.07	2nd Reading; No Repair Needed; Good
W08R	3/18/2015 10:05	57.9	35	0	7.1	-4.85		99	10		-15.45	No Change; No Repair Needed; Good; 72947
W08R	4/2/2015 10:07	49.2	33.2	0.1	17.5	-3.99		101	16		-17.13	No Change; No Repair Needed; Good; 73702
W08R	4/17/2015 12:47	53.2	34.6	0	12.2	-5.78		102	12		-15.19	No Change; No Repair Needed; Good; 74385
W08R	5/5/2015 10:30	47	33	0	20	-6.17	-5.87	104	15	12	-19.98	Slightly Closed; No Repair Needed; Good; 75439
W08R	5/5/2015 10:30	46.4	33	0	20.6	-5.87		103	9		-20.72	2nd Reading; No Repair Needed; Good
W08R	5/20/2015 12:58	40.1	31.4	0	28.5	-3.72	-3.62	100	8	7	-19.68	Slightly Closed; No Repair Needed; Good; 76129
W08R	5/20/2015 12:58	39.7	31.5	0	28.8	-3.49		98	2		-19.68	2nd Reading; No Repair Needed; Good
W08R	6/1/2015 12:40	49.7	34	0	16.3	-2.69		82	7		-20.07	No Change; No Repair Needed; Good; 76528
W08R	6/16/2015 13:07	51.5	36.6	0	11.9	-1.46		95	2		-16.23	No Change; No Repair Needed; Good; 77001
W08R	7/2/2015 11:34	52.5	36.5	0	11	-2.06		80	5		-16.23	No Change; No Repair Needed; Good; 77443
W08R	7/27/2015 13:17	51.3	34.8	0.1	13.8	-1.16		93	8		-19.68	No Change; No Repair Needed; Good; 78284
W08R	8/5/2015 13:31	53	36.5	0.1	10.4	-3.33		98	7		-20.41	No Change; No Repair Needed; Good; 78628
W08R	8/20/2015 13:25	51.2	36	0.1	12.7	-2.41		92	6		-18.95	No Change; No Repair Needed; Good
W08R	9/4/2015 10:29	51.8	36.3	0.4	11.5	-2.55		91	7		-19.25	No Change; No Repair Needed; Good; 79558
W08R	9/17/2015 13:14	49	35.2	0.2	15.6	-1.84		96	7		-21.67	No Change; No Repair Needed; Good; 79895
W10R	9/10/2014 12:29	55.7	37.2	0.5	6.6	-1.6	-1.65	122	34	35	-19.29	No Change; No Repair Needed; Good; 608
W10R	9/25/2014 11:09	54.8	36.2	0.5	8.5	-1.55	-1.54	126	19	18	-19.85	No Change; No Repair Needed; Good; 608
W10R	10/9/2014 12:14	54.9	35.9	0.7	8.5	-2.16	-2.16	119	18	20	-20.76	No Change; No Repair Needed; Good; 608
W10R	10/23/2014 11:41	54	34.5	1	10.5	-1.69		118	39		-18.6	No Change; No Repair Needed; Good
W10R	11/5/2014 12:23	50.8	34.6	0.5	14.1	-1.62		120	29		-18.56	No Change; No Repair Needed; Good; 608
W10R	11/19/2014 12:03	54	33.1	0.4	12.5	-0.48		115	30		-10.7	No Change; No Repair Needed; Good; 608
W10R	12/5/2014 11:37	56.3	34.7	0.5	8.5	-1.38		118	17		-15.84	No Change; No Repair Needed; Good; 608
W10R	12/18/2014 11:32	57.7	35.3	0.6	6.4	-1.19		124	0		-17.91	No Change; No Repair Needed; Good; 608
W10R	1/22/2015 12:07	46.2	32.4	1.1	20.3	-2.59	-2.37	115	16	12	-17.57	Slightly Closed; No Repair Needed; Good; 608
W10R	1/22/2015 12:08	45.8	33	1.4	19.8	-1.99		110	11		-16.92	2nd Reading; No Repair Needed; Good
W10R	2/3/2015 12:23	43.8	28.9	1.5	25.8	-1.7	-1.62	104	0	0	-20.37	Slightly Closed; No Repair Needed; Good; 608
W10R	2/3/2015 12:24	43.1	31.1	1.5	24.3	-1.53		101	0		-19.59	2nd Reading; No Repair Needed; Good
W10R	3/3/2015 11:52	63.5	35.4	0	1.1	1.07	-0.03	102	0	10	-13.47	Slightly Open; No Repair Needed; Good; 608
W10R	3/3/2015 11:54	62.6	34.9	0	2.5	-0.2		128	14		-12.82	2nd Reading; No Repair Needed; Good
W10R	3/18/2015 11:28	52.7	32	0.7	14.6	-2.61		124	19		-15.19	No Change; No Repair Needed; Good; 608
W10R	4/2/2015 11:40	42.2	27.5	0.7	29.6	-2.89	-2.15	118	13	9	-16.92	Slightly Closed; No Repair Needed; Good; 608

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
W10R	4/2/2015 11:41	41.9	31.7	0.9	25.5	-1.79		113	7		-17.61	2nd Reading; No Repair Needed; Good
W10R	4/17/2015 13:05	38.6	30.6	0.7	30.1	-1.34	-1.01	111	10	3	-15.54	Slightly Closed; No Repair Needed; Good; 608
W10R	4/17/2015 13:06	36.3	29.1	1.9	32.7	-0.85		107	6		-16.23	2nd Reading; No Repair Needed; Good
W10R	5/5/2015 13:01	43.6	30.6	1.3	24.5	-0.56	-0.51	95	6	5	-20.72	Slightly Closed; No Repair Needed; Good; 608
W10R	5/5/2015 13:02	43.6	29.7	1.5	25.2	-0.47		95	7		-21.36	2nd Reading; No Repair Needed; Good
W10R	5/20/2015 13:24	53.1	32.4	2.2	12.3	-0.02		80	7		-20.67	No Change; No Repair Needed; Good; 612
W10R	6/1/2015 13:00	61.9	35.3	0	2.8	0.13	-0.01	74	8	7	-20.76	Slightly Open; No Repair Needed; Good
W10R	6/1/2015 13:01	63.2	35.3	0.3	1.2	-0.04		78	8		-20.28	2nd Reading; No Repair Needed; Good; 612
W10R	6/16/2015 13:31	61.9	35.7	0	2.4	0.2	-0.12	112	4	6	-16.23	Slightly Open; No Repair Needed; Good
W10R	6/16/2015 13:33	62.4	35.6	0	2	-0.09		122	8		-14.46	2nd Reading; No Repair Needed; Good
W10R	7/2/2015 13:03	61.2	36.8	0	2	-0.43	-0.54	124	2	6	-19.64	Slightly Open; No Repair Needed; Good
W10R	7/2/2015 13:04	61.7	36.4	0	1.9	-0.68		127	11		-20.63	2nd Reading; No Repair Needed; Good
W10R	7/27/2015 13:39	48.7	35.3	0	16	-0.83		126	28		-12.13	No Change; No Repair Needed; Good
W10R	8/5/2015 13:52	52.7	35.2	0	12.1	-1.82		127	28		-17.95	No Change; No Repair Needed; Good
W10R	8/20/2015 13:45	49.5	35.4	0.6	14.5	-1.63		118	14		-24.08	No Change; No Repair Needed; Good
W10R	9/4/2015 10:50	55.1	35.8	0.4	8.7	-1.64		125	34		-19.64	No Change; No Repair Needed; Good
W10R	9/17/2015 13:35	57	36.9	0.2	5.9	-1.31	-1.47	125	31	34	-24.26	Slightly Open; No Repair Needed; Good
W10R	9/17/2015 13:36	56.7	37.7	0.2	5.4	-1.56		125	16		-20.03	2nd Reading; No Repair Needed; Good
W13R	9/10/2014 10:37	55.8	36.5	0	7.7	-8.93	-9.32	112	21	22	-16.96	Slightly Open; No Repair Needed; Good; 144662
W13R	9/10/2014 10:38	56.7	38.4	0	4.9	-9.36	-9.32	112	21	24	-17.61	2nd Reading; No Repair Needed; Good
W13R	9/25/2014 9:05	51.8	35.9	0	12.3	-10.04	-10.04	111	21	21	-16.69	No Change; No Repair Needed; Good; 146182
W13R	10/9/2014 10:30	54.9	35.6	0	9.5	-10.96	-11.3	112	25	24	-20.72	Slightly Open; No Repair Needed; Good; 147291
W13R	10/9/2014 10:31	55.3	36.6	0	8.1	-11.69	-11.65	112	33	31	-19.64	2nd Reading; No Repair Needed; Good
W13R	10/23/2014 9:24	54	35.2	0	10.8	-12.51	-13.07	111	24	39	-20.59	Slightly Open; No Repair Needed; Good; 147726
W13R	10/23/2014 9:25	54.6	37.2	0	8.2	-13.24		111	35		-20.2	2nd Reading; No Repair Needed; Good
W13R	11/5/2014 9:14	50.1	33.5	0	16.4	-12.51		111	29		-17.31	No Change; No Repair Needed; Good; 148859
W13R	11/19/2014 10:14	53.7	36.3	0	10	-8.28		107	13		-11.09	No Change; No Repair Needed; Good; 149326
W13R	12/5/2014 9:24	56.9	35.5	0.2	7.4	-10.27		110	29		-15.49	No Change; No Repair Needed; Good; 151629
W13R	12/18/2014 9:21	57.1	34.1	0.2	8.6	-11.35		109	27		-16.4	No Change; No Repair Needed; Good; 153277
W13R	1/22/2015 9:31	58	37.4	0.3	4.3	-8.89	-9.58	107	15	28	-12.04	Slightly Open; No Repair Needed; Good; 155525
W13R	1/22/2015 9:31	57.8	37.4	0.2	4.6	-9.58		108	27		-11.74	2nd Reading; No Repair Needed; Good
W13R	2/3/2015 9:48	61.8	37.1	0	1.1	1.85	1.86	30	0	0	1.73	No Change; No Repair Needed; Fair; 156974
W13R	2/3/2015 9:49	61.1	38.9	0	0	1.88		29	0		1.73	2nd Reading; No Repair Needed; Fair
W13R	2/17/2015 10:51	61.1	38.5	0.4	0	1.76	1.74	32	0	0	1.68	No Change; No Repair Needed; Fair; sump frozen; 157755
W13R	2/17/2015 10:52	61.1	38.8	0.1	0	1.75		34	0		1.68	2nd Reading; No Repair Needed; Fair
W13R	3/3/2015 9:49	57.3	35.2	0.2	7.3	-12.42		107	24		-14.93	No Change; No Repair Needed; Good; 158452
W13R	3/18/2015 9:29	60.4	35.4	0.8	3.4	-13.59		106	18		-15.28	No Change; No Repair Needed; Good; 160071
W13R	4/2/2015 9:36	55.1	31.6	0.9	12.4	-14.15		109	24		-16.57	No Change; No Repair Needed; Good; 161477
W13R	5/5/2015 9:52	3.7	1.9	19.9	74.5	-1.04	-1.11	88	3	6	-1.04	No Change; No Repair Needed; Fair; 166005
W13R	5/5/2015 9:53	4.3	1.3	19.8	74.6	-1.1		92	6		-1.34	2nd Reading; No Repair Needed; Fair
W13R	5/20/2015 12:18	63.2	35.5	0	1.3	1.49	1.49	77	4	5	1.38	No Change; No Repair Needed; Fair; 167527; camera investigation
W13R	5/20/2015 12:18	63	36.2	0	0.8	1.45		78	6		1.38	2nd Reading; No Repair Needed; Fair
W13R	6/1/2015 12:03	58.3	35.6	0.6	5.5	-9.97	-10.35	106	13	20	-19.72	Slightly Open; No Repair Needed; Good; 168103
W13R	6/1/2015 12:04	58.5	36.1	0.6	4.8	-11		107	19		-21.54	2nd Reading; No Repair Needed; Good
W13R	6/16/2015 12:26	54.8	35.7	0.4	9.1	-9.36	-9.71	110	30	26	-16.92	Slightly Open; No Repair Needed; Good; 169786
W13R	6/16/2015 12:27	55	36.1	0.3	8.6	-9.66		110	24		-15.88	2nd Reading; No Repair Needed; Good
W13R	7/2/2015 10:51	59.6	36.8	0.2	3.4	-11.3	-11.95	109	20	30	-19.68	Slightly Open; No Repair Needed; Good; 171942
W13R	7/2/2015 10:52	60	37.6	0.1	2.3	-12.68		110	33		-20.2	2nd Reading; No Repair Needed; Good
W13R	7/27/2015 12:35	57.7	35.8	0.3	6.2	-11.99	-12.47	110	8	25	-15.54	Slightly Open; No Repair Needed; Good; 176485
W13R	7/27/2015 12:37	59.1	37	0.4	3.5	-13.03		110	23		-15.19	2nd Reading; No Repair Needed; Good

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
W13R	8/5/2015 12:53	57.4	36.5	0.5	5.6	-17.77		111	26		-22.01	No Change; No Repair Needed; Good; 178277
W13R	8/20/2015 12:41	49.7	33.6	0.3	16.4	-17.13		111	14		-24.13	No Change; No Repair Needed; Good; 183106
W13R	9/4/2015 9:46	49	34.6	0.5	15.9	-15.31		112	17		-20.28	No Change; No Repair Needed; Good; 186710
W13R	9/17/2015 12:31	53.3	36.6	0.5	9.6	-18.16		112	13		-24.9	No Change; No Repair Needed; Good; 189809
W17R2	9/10/2014 11:07	53.3	35	0	11.7	-2.18	-2.21	99	9	15	-20.72	No Change; No Repair Needed; Good
W17R2	9/25/2014 9:34	50.9	36.5	0	12.6	-2.4	-2.35	96	12	12	-18.48	No Change; No Repair Needed; Good
W17R2	10/9/2014 11:02	54.6	34.6	0	10.8	-2.51	-2.59	97	17	16	-19.34	Slightly Open; No Repair Needed; Good
W17R2	10/9/2014 11:02	54.7	35.4	0	9.9	-2.66	-2.62	98	19	17	-20.03	2nd Reading; No Repair Needed; Good
W17R2	10/23/2014 9:55	51	34.9	0	14.1	-3.37		96	26		-15.54	No Change; No Repair Needed; Good
W17R2	11/5/2014 10:30	51.3	34	0	14.7	-3.02		95	20		-20.46	No Change; No Repair Needed; Good
W17R2	11/19/2014 10:40	54.1	33.8	0	12.1	-0.78	-0.92	95	16	23	-21.1	Slightly Open; No Repair Needed; Good
W17R2	11/19/2014 10:41	54.5	35.4	0	10.1	-0.95		95	20		-21.19	2nd Reading; No Repair Needed; Good
W17R2	12/5/2014 9:54	60.5	36.3	0	3.2	-2.37	-2.55	96	19	20	-15.49	Slightly Open; No Repair Needed; Good
W17R2	12/5/2014 9:55	60.3	36.7	0	3	-2.64		97	25		-15.32	2nd Reading; No Repair Needed; Good
W17R2	12/18/2014 9:50	57.7	36.3	0	6	-4		97	40		-17.48	No Change; No Repair Needed; Good
W17R2	1/22/2015 10:04	59.6	37.4	0	3	-6.86	-7.55	96	22	43	-18.26	Slightly Open; No Repair Needed; Good
W17R2	1/22/2015 10:05	59.4	38	0	2.6	-7.55		98	36		-17.35	2nd Reading; No Repair Needed; Good
W17R2	2/3/2015 10:20	51.3	34.9	0	13.8	-11.65		98	31		-20.37	No Change; No Repair Needed; Good
W17R2	3/3/2015 10:25	57.5	34.7	0	7.8	-5.39	-5.74	99	31	51	-14.5	Slightly Open; No Repair Needed; Good
W17R2	3/3/2015 10:26	57.1	35.2	0	7.7	-5.78		100	44		-14.33	2nd Reading; No Repair Needed; Good
W17R2	3/18/2015 10:00	59.5	34.6	0	5.9	-8.97		100	38		-16.14	No Change; No Repair Needed; Good
W17R2	4/2/2015 10:02	53.8	33	0.2	13	-8.89		101	43		-18.34	No Change; No Repair Needed; Good
W17R2	4/17/2015 12:41	53.2	33.9	0	12.9	-9.23		102	26		-15.88	No Change; No Repair Needed; Good
W17R2	5/5/2015 10:23	54.5	33	0	12.5	-11.95	-12.38	102	41	53	-21.62	Slightly Open; No Repair Needed; Good
W17R2	5/5/2015 10:24	54	33.9	0	12.1	-12.42		103	53		-19.51	2nd Reading; No Repair Needed; Good
W17R2	5/20/2015 12:51	49.2	32.4	0.1	18.3	-11.65		103	47		-20.5	No Change; No Repair Needed; Good
W17R2	6/1/2015 12:34	49.5	32.5	0	18	-11.69		103	53		-21.84	No Change; No Repair Needed; Good
W17R2	6/16/2015 13:01	49.1	32.9	0	18	-8.67		103	45		-14.54	No Change; No Repair Needed; Good
W17R2	7/2/2015 11:27	54.5	34.7	0	10.8	-10.27	-10.61	103	58	57	-20.16	Slightly Open; No Repair Needed; Good
W17R2	7/2/2015 11:28	54.4	35.4	0	10.2	-10.27		103	55		-18.04	2nd Reading; No Repair Needed; Good
W17R2	7/27/2015 13:12	51	35	0	14	-9.92		103	45		-15.19	No Change; No Repair Needed; Good
W17R2	8/5/2015 13:26	50	34.6	0	15.4	-13.29		104	51		-21.36	No Change; No Repair Needed; Good
W17R2	8/20/2015 13:18	47.2	34.3	0	18.5	-12.64	-12.3	103	57	50	-23.22	Slightly Closed; No Repair Needed; Good
W17R2	8/20/2015 13:19	47.1	34.5	0	18.4	-12.3		103	53		-20.67	2nd Reading; No Repair Needed; Good
W17R2	9/4/2015 10:21	44.1	33.2	0.3	22.4	-11.04	-10.35	104	50	42	-19.68	Slightly Closed; No Repair Needed; Good
W17R2	9/4/2015 10:22	44	33.1	0.3	22.6	-10.01		104	35		-19.42	2nd Reading; No Repair Needed; Good
W17R2	9/17/2015 13:08	49.8	33.6	0.1	16.5	-9.58		104	45		-23.31	No Change; No Repair Needed; Good
W18R	9/10/2014 11:31	57.5	36.1	0.2	6.2	-3.78	-4.27	97	10	16	-22.1	Slightly Open; No Repair Needed; Good; 291
W18R	9/10/2014 11:32	58.2	38.2	0	3.6	-4.7	-4.69	98	15	16	-23.26	2nd Reading; No Repair Needed; Good
W18R	9/25/2014 9:56	53.6	37.8	0	8.6	-5.13	-5.13	97	35	35	-23.6	No Change; No Repair Needed; Good; 291
W18R	10/9/2014 11:23	57.4	34.5	0.1	8	-5.13	-5.82	96	32	37	-21.62	Slightly Open; No Repair Needed; Good; 291
W18R	10/9/2014 11:24	57.7	37.2	0	5.1	-6.47	-6.47	97	19	19	-22.74	2nd Reading; No Repair Needed; Good
W18R	10/23/2014 10:17	52.3	36.5	0	11.2	-6.56		96	17		-21.62	No Change; No Repair Needed; Good; 291
W18R	11/5/2014 10:54	50.7	33.3	0	16	-7.2		96	22		-23	No Change; No Repair Needed; Good; 291
W18R	11/19/2014 11:04	51.8	34.4	0	13.8	-4.68		94	34		-21.54	No Change; No Repair Needed; Good; 291
W18R	12/5/2014 10:14	57.6	33.1	0	9.3	-6.51		96	20		-16.49	No Change; No Repair Needed; Good; 295
W18R	12/18/2014 10:08	57.3	36.3	0	6.4	-7.89		95	34		-17.35	No Change; No Repair Needed; Good; 295
W18R	1/22/2015 10:25	54.4	35.8	0	9.8	-9.92	-10.61	95	21	29	-23.44	Slightly Open; No Repair Needed; Good
W18R	1/22/2015 10:26	54.1	37.4	0	8.5	-10.96		95	33		-23.87	2nd Reading; No Repair Needed; Good; 295
W18R	2/3/2015 10:44	42.3	33.6	0	24.1	-13.89	-11.99	93	33	19	-24.77	Slightly Closed; No Repair Needed; Good; 295

Green Valley Landfill
Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
W18R	2/3/2015 10:45	41.8	34.6	0	23.6	-11		91	15		-24.9	2nd Reading; No Repair Needed; Good
W18R	3/3/2015 10:49	55.8	33.9	0	10.3	-4.59	-5.44	86	17	17	-14.11	Slightly Open; No Repair Needed; Good; 295
W18R	3/3/2015 10:50	55.8	34.5	0	9.7	-5.74		88	22		-14.16	2nd Reading; No Repair Needed; Good
W18R	3/18/2015 10:17	58.4	34.5	0	7.1	-8.93		93	12		-17.09	No Change; No Repair Needed; Good; 295
W18R	4/2/2015 10:20	50.4	33.3	0.2	16.1	-9.92		94	15		-20.89	No Change; No Repair Needed; Good
W18R	4/17/2015 12:59	49	32.1	0	18.9	-9.58		95	19		-18.3	No Change; No Repair Needed; Good; 295
W18R	5/5/2015 12:52	50.4	33.5	0	16.1	-12.42		97	18		-23.48	No Change; No Repair Needed; Good; 295
W18R	5/20/2015 13:13	46.6	31.6	0.1	21.7	-11.35	-9.23	97	17	10	-24.51	Slightly Closed; No Repair Needed; Good; 295
W18R	5/20/2015 13:14	47.4	33	0.1	19.5	-7.89		96	6		-25.29	2nd Reading; No Repair Needed; Good
W18R	6/1/2015 12:52	51.8	33.4	0.1	14.7	-6.86		93	14		-23.39	No Change; No Repair Needed; Good; 295
W18R	6/16/2015 13:22	54.2	34.5	0	11.3	-4.96		96	13		-17.22	No Change; No Repair Needed; Good; 297
W18R	7/2/2015 12:54	56.9	35.2	0	7.9	-5.48	-6.13	90	10	10	-16.57	Slightly Open; No Repair Needed; Good; 297
W18R	7/2/2015 12:55	58.1	36.7	0	5.2	-6.47		91	10		-17.22	2nd Reading; No Repair Needed; Good
W18R	7/27/2015 13:32	56.6	35.6	0.4	7.4	-7.12	-8.07	97	14	15	-17.65	Slightly Open; No Repair Needed; Good; 304
W18R	7/27/2015 13:32	57.8	36.7	0.5	5	-8.24		97	19		-17.31	2nd Reading; No Repair Needed; Good
W18R	8/5/2015 13:46	50.7	36	0.3	13	-12.6		98	19		-25.9	No Change; No Repair Needed; Good; 304
W18R	8/20/2015 13:38	46.2	34	0.2	19.6	-9.58	-8.84	96	21	15	-19.68	Slightly Closed; No Repair Needed; Good; 304
W18R	8/20/2015 13:39	46.9	35	0.2	17.9	-8.5		96	11		-21.84	2nd Reading; No Repair Needed; Good
W18R	9/4/2015 10:43	50.9	34.3	0.6	14.2	-8.93		97	13		-27.45	No Change; No Repair Needed; Good; 304
W18R	9/17/2015 13:27	53	36.2	0.4	10.4	-7.98		96	15		-26.41	No Change; No Repair Needed; Good; 304
W26R	9/10/2014 10:25	54	36.3	0	9.7	-9.36	-9.36	103	29	27	-25.9	No Change; No Repair Needed; Good; 156954
W26R	9/25/2014 8:53	52.7	36.6	0	10.7	-9.35	-9.35	101	27	24	-25.35	No Change; No Repair Needed; Good; 156954
W26R	10/9/2014 10:17	55	35.4	0.1	9.5	-9.23	-9.58	101	19	27	-22.83	Slightly Open; No Repair Needed; Good; 156954
W26R	10/9/2014 10:18	55.3	36.8	0	7.9	-9.92	-9.92	101	33	30	-22.87	2nd Reading; No Repair Needed; Good
W26R	10/23/2014 9:12	52.9	36.2	0	10.9	-10.66		100	20		-23.09	No Change; No Repair Needed; Good; 156954
W26R	11/5/2014 9:01	49.9	34.2	0	15.9	-11.69		99	35		-24.77	No Change; No Repair Needed; Good; 156954
W26R	11/19/2014 10:02	53.5	35	0	11.5	-5.91		96	20		-12.43	No Change; No Repair Needed; Good; 156954
W26R	12/5/2014 9:12	56.1	36.8	0	7.1	-7.16		97	13		-15.88	No Change; No Repair Needed; Good; 156954
W26R	12/18/2014 9:10	55.9	36.5	0	7.6	-10.31		98	25		-19.51	No Change; No Repair Needed; Good; 156954
W26R	1/22/2015 9:12	46.1	32.1	0.1	21.7	-14.75	-14.06	98	26	20	-24.73	Slightly Closed; No Repair Needed; Good; 156954
W26R	1/22/2015 9:13	44.9	34.2	0	20.9	-13.37		97	20		-24.47	2nd Reading; No Repair Needed; Good
W26R	2/3/2015 9:30	46.7	31.8	0.1	21.4	-13.03	-12.34	95	20	19	-25.42	Slightly Closed; No Repair Needed; Good; 156954
W26R	2/3/2015 9:31	46.1	34	0	19.9	-11.65		94	17		-25.94	2nd Reading; No Repair Needed; Good
W26R	3/3/2015 9:35	56.7	34.5	0	8.8	-5.78	-6.08	92	18	20	-17.48	Slightly Open; No Repair Needed; Good; 156954
W26R	3/3/2015 9:36	57.1	36.3	0	6.6	-6.43		93	19		-16.49	2nd Reading; No Repair Needed; Good
W26R	3/18/2015 9:12	59.8	36.3	0.4	3.5	-9.58	-10.31	93	19	15	-17.65	Slightly Open; No Repair Needed; Good; 156954
W26R	3/18/2015 9:13	59.1	37	0.3	3.6	-10.91		94	18		-17.44	2nd Reading; No Repair Needed; Good
W26R	4/2/2015 9:23	51.3	32.3	0.6	15.8	-13.29		96	16		-20.8	No Change; No Repair Needed; Good; 156954
W26R	4/17/2015 12:02	55.6	34.3	0	10.1	-13.68		98	19		-19.85	No Change; No Repair Needed; Good; 156954
W26R	5/5/2015 9:35	47.6	33.7	0	18.7	-16.87	-16.18	98	20	19	-25.33	Slightly Closed; No Repair Needed; Good; 156954
W26R	5/5/2015 9:37	47.7	33.9	0	18.4	-15.06		98	19		-25.68	2nd Reading; No Repair Needed; Good
W26R	5/20/2015 12:05	48.4	33.2	0.2	18.2	-13.03		98	19		-25.25	No Change; No Repair Needed; Good; 156954
W26R	6/1/2015 11:50	46.6	32.8	0	20.6	-12.38	-12.04	98	14	19	-23.39	Slightly Closed; No Repair Needed; Good; 156954
W26R	6/1/2015 11:51	46.6	33.8	0	19.6	-11.52		98	17		-24.17	2nd Reading; Good
W26R	6/16/2015 12:14	51.6	35.7	0	12.7	-8.63		100	16		-18.64	No Change; No Repair Needed; Good; 156954
W26R	7/2/2015 10:36	57.1	37	0	5.9	-7.89	-8.24	97	19	16	-17.57	Slightly Open; No Repair Needed; Good; 156954
W26R	7/2/2015 10:37	56.7	37.9	0	5.4	-8.54		97	19		-17.91	2nd Reading; No Repair Needed; Good
W26R	7/27/2015 12:21	59	37.3	0	3.7	-10.31	-11.99	99	17	19	-17.87	Slightly Open; No Repair Needed; Good; 156964
W26R	7/27/2015 12:22	59.4	38.3	0	2.3	-12.68		99	20		-18.04	2nd Reading; No Repair Needed; Good
W26R	8/5/2015 12:40	48	35.4	0	16.6	-20.19	-19.5	100	20	23	-28.49	Slightly Closed; No Repair Needed; Good; 156964

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O Inch)	Comments
W26R	8/5/2015 12:40	47.7	36.6	0	15.7	-18.46		100	21		-28.05	2nd Reading; No Repair Needed; Good
W26R	8/20/2015 12:30	49.6	34.7	0	15.7	-13.03		99	28		-25.16	No Change; No Repair Needed; Good; 156964
W26R	9/4/2015 9:32	44.3	33.4	0.2	22.1	-15.83	-14.62	99	22	21	-26.33	Slightly Closed; No Repair Needed; Good; 156964
W26R	9/4/2015 9:33	44.3	34	0.2	21.5	-13.81		99	15		-26.46	2nd Reading; No Repair Needed; Good
W26R	9/17/2015 12:17	49.7	36.1	0	14.2	-11.6		99	27		-25.94	No Change; No Repair Needed; Good; 156964
W27RR	9/10/2014 12:34	55.9	36.2	0	7.9	-0.48	-0.51	119	3	3	-24.82	No Change; No Repair Needed; Good; 10723
W27RR	9/25/2014 11:14	56.8	35.9	0	7.3	-0.57	-0.65	115	1	3	-25.48	Slightly Open; No Repair Needed; Good; 10729
W27RR	9/25/2014 11:15	56.1	39.1	0	4.8	-0.72	-0.72	117	4	4	-24.24	2nd Reading; No Repair Needed; Good
W27RR	10/9/2014 12:20	55.8	35.4	0.1	8.7	-0.88	-1.02	111	4	5	-24.26	Slightly Open; No Repair Needed; Good; 10731
W27RR	10/9/2014 12:20	56.1	38	0	5.9	-1.16	-1.14	114	4	5	-25.68	2nd Reading; No Repair Needed; Good
W27RR	10/23/2014 11:47	55.1	36.7	0.1	8.1	-0.86	-0.99	115	5	6	-22.87	Slightly Open; No Repair Needed; Good; 10731
W27RR	10/23/2014 11:48	55.1	37.9	0.1	6.9	-1.05		117	6		-22.27	2nd Reading; No Repair Needed; Good
W27RR	11/5/2014 12:27	49.6	34.2	0.1	16.1	-1.03		117	5		-24.86	No Change; No Repair Needed; Good; counter removed
W27RR	11/19/2014 12:10	56.6	35.3	0	8.1	0.16	-0.07	104	3	6	-9.62	Slightly Open; No Repair Needed; Good
W27RR	11/19/2014 12:10	55.4	36.8	0	7.8	-0.4		110	6		-9.93	2nd Reading; No Repair Needed; Good
W27RR	12/5/2014 11:41	57.5	34.2	0	8.3	-1.31		119	10		-17.26	No Change; No Repair Needed; Good
W27RR	12/18/2014 11:37	57.1	35.1	0.1	7.7	-1.4		118	6		-18.69	No Change; No Repair Needed; Good
W27RR	1/22/2015 12:15	44.6	33.6	0.3	21.5	-2.28	-1.93	117	9	2	-23.31	Slightly Closed; No Repair Needed; Good
W27RR	1/22/2015 12:16	44.3	34.7	0.3	20.7	-1.76		112	2		-23.22	2nd Reading; No Repair Needed; Good
W27RR	2/3/2015 12:29	47.3	33.7	0.3	18.7	-0.94	-0.92	87	2	2	-25.55	Slightly Closed; No Repair Needed; Good
W27RR	2/3/2015 12:30	46.5	33.8	0.3	19.4	-0.86		87	2		-27.32	2nd Reading; No Repair Needed; Good
W27RR	3/3/2015 12:02	61.8	35.9	0	2.3	1.16	-0.15	62	7	14	-14.2	Slightly Open; No Repair Needed; Good
W27RR	3/3/2015 12:03	61	37.8	0	1.2	-0.06		97	12		-13.47	2nd Reading; No Repair Needed; Good
W27RR	3/18/2015 11:33	57.1	34.3	0.3	8.3	-2.11		113	9		-16.57	No Change; No Repair Needed; Good
W27RR	4/2/2015 11:46	51.5	33.4	0.2	14.9	-2.31		116	11		-21.8	No Change; No Repair Needed; Good
W27RR	4/17/2015 13:20	51.6	33.5	0.1	14.8	-2.11		116	12		-18.99	No Change; No Repair Needed; Good
W27RR	5/5/2015 13:06	52.6	34	0	13.4	-2.44		122	13		-26.03	No Change; No Repair Needed; Good
W27RR	5/20/2015 13:30	51.9	34.5	0	13.6	-2.16		123	14		-24.95	No Change; No Repair Needed; Good
W27RR	6/1/2015 13:06	52.7	34.4	0	12.9	-2.17		119	7		-23.95	No Change; No Repair Needed; Good
W27RR	6/16/2015 13:39	53.9	35.7	0	10.4	-1.67		122	8		-19.59	No Change; No Repair Needed; Good
W27RR	7/2/2015 13:09	57.4	35.6	0	7	-1.67	-2.05	118	9	14	-17.61	Slightly Open; No Repair Needed; Good
W27RR	7/2/2015 13:10	57.5	37.3	0	5.2	-2.4		119	12		-17.61	2nd Reading; No Repair Needed; Good
W27RR	7/27/2015 14:49	55.4	37.2	0	7.4	-2.7	-2.86	124	14	15	-16.92	Slightly Open; No Repair Needed; Good
W27RR	7/27/2015 14:50	54.4	37.3	0	8.3	-3.12		124	17		-16.7	2nd Reading; No Repair Needed; Good
W27RR	8/5/2015 13:57	45.1	35.1	0	19.8	-4.96	-3.49	125	19	10	-29	Slightly Closed; No Repair Needed; Good
W27RR	8/5/2015 13:58	43.3	35.6	0.1	21	-2.7		123	9		-29.35	2nd Reading; No Repair Needed; Good
W27RR	8/20/2015 13:49	51.3	35.2	0	13.5	-1.57		120	7		-25.85	No Change; No Repair Needed; Good
W27RR	9/4/2015 12:02	51.9	36.3	0	11.8	-1.73		124	9		-27.97	No Change; No Repair Needed; Good
W27RR	9/17/2015 13:47	52.8	35.3	0.2	11.7	-1.33		123	8		-26.28	No Change; No Repair Needed; Good
W32R	9/10/2014 12:23	54.1	35.6	0	10.3	-21.57	-21.27	129	32	27	-24.86	No Change; No Repair Needed; Good; 613352
W32R	9/25/2014 11:04	54	34	0.1	11.9	-21.15	-21.37	128	31	30	-23.9	No Change; No Repair Needed; Good; 613352
W32R	10/9/2014 11:27	55.5	37.2	0.1	7.2	-20.1	-20.06	128	27	28	-23.13	No Change; No Repair Needed; Good; 613352
W32R	10/23/2014 10:20	54.1	37.2	0	8.7	-19.28		127	30		-21.88	No Change; No Repair Needed; Good; 613352
W32R	11/5/2014 10:57	50.7	35.4	0.1	13.8	-21.83		127	32		-23.74	No Change; No Repair Needed; Good; 645685
W32R	11/19/2014 11:07	50.7	35.7	0.3	13.3	-18.64		126	36		-21.62	No Change; No Repair Needed; Good; 724662
W32R	12/5/2014 10:17	56.4	36.1	0.4	7.1	-14.75		126	24		-16.57	No Change; No Repair Needed; Good; 725049
W32R	12/18/2014 10:12	57.3	36.6	0.3	5.8	-16.74		125	20		-18.08	No Change; No Repair Needed; Good; 844703
W32R	1/22/2015 10:29	56.6	37.2	0.6	5.6	-20.71		125	25		-23.18	No Change; No Repair Needed; Good; 845294
W32R	2/3/2015 10:48	51.6	35.8	0.7	11.9	-22.78		123	26		-25.03	No Change; No Repair Needed; Good; 845294
W32R	3/3/2015 10:53	54.8	34.6	0.8	9.8	-12.64		123	21		-14.07	No Change; No Repair Needed; Good; 845294

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
W32R	3/18/2015 10:20	55.7	34.5	0.8	9	-15.62		124	25		-17.13	No Change; No Repair Needed; Good; 845294
W32R	4/2/2015 10:23	52.8	33.4	0.7	13.1	-19.2		125	24		-21.49	No Change; No Repair Needed; Good; 845294
W32R	4/17/2015 13:02	51.8	33.5	0.2	14.5	-17.52		125	22		-19.29	No Change; No Repair Needed; Good; 845294
W32R	5/5/2015 12:55	52.7	34.6	0.1	12.6	-22.09		127	33		-25.51	No Change; No Repair Needed; Good; 845294
W32R	5/20/2015 13:18	48.4	33.8	0.1	17.7	-22.35	-21.23	126	32	22	-25.64	Slightly Closed; No Repair Needed; Good
W32R	5/20/2015 13:19	48.8	34.2	0.1	16.9	-18.9		126	21		-22.79	2nd Reading; No Repair Needed; Good
W32R	6/1/2015 12:55	50.5	33.9	0.1	15.5	-17.21		126	22		-21.88	No Change; No Repair Needed; Good; 845294
W32R	6/16/2015 13:25	52.6	35.3	0	12.1	-13.81		126	22		-18	No Change; No Repair Needed; Good; 845294
W32R	7/2/2015 12:58	57.2	36.7	0	6.1	-12.68		124	23		-16.92	No Change; No Repair Needed; Good; 845294
W32R	7/27/2015 13:36	52.7	36.3	0.1	10.9	-12.68		126	22		-16.57	No Change; No Repair Needed; Good; 845294
W32R	8/5/2015 13:49	54.3	36.5	0.1	9.1	-19.67		126	18		-26.93	No Change; No Repair Needed; Good; 845294
W32R	8/20/2015 13:42	51.7	35.9	0.1	12.3	-16.82		125	26		-23	No Change; No Repair Needed; Good
W32R	9/4/2015 10:47	53.6	35.9	0.4	10.1	-18.94		128	25		-27.06	No Change; No Repair Needed; Good; 845294
W32R	9/17/2015 13:31	55	36.5	0.2	8.3	-17.86	-18.51	128	23	34	-24.21	Slightly Open; No Repair Needed; Good; 845294
W32R	9/17/2015 13:32	54.9	37.2	0.2	7.7	-19.54		128	32		-26.63	2nd Reading; No Repair Needed; Good
W38R	9/10/2014 12:31	50.5	34.6	0	14.9	-1.17	-1.16	119	5	4	-20.11	No Change; No Repair Needed; Good; 24947
W38R	9/25/2014 11:11	50.3	35	0	14.7	-1.25	-1.24	119	8	8	-17.33	No Change; No Repair Needed; Good; 24947
W38R	10/9/2014 12:17	53.7	35.1	0	11.2	-1.75	-1.73	116	11	8	-20.11	No Change; No Repair Needed; Good; 24947
W38R	10/23/2014 11:44	44.4	33.9	0.1	21.6	-1.47	-1.45	114	8	6	-17.57	Slightly Closed; No Repair Needed; Good; 24947
W38R	10/23/2014 11:45	44.6	33.6	0	21.8	-1.12		110	6		-19.94	2nd Reading; No Repair Needed; Good
W38R	11/5/2014 12:25	51.7	34.2	0.9	13.2	-0.4		61	12		-19.9	No Change; No Repair Needed; Good; counter removed
W38R	11/19/2014 12:06	62.3	33.7	0	4	0.8	-0.02	50	0	17	-9.32	Slightly Open; No Repair Needed; Good
W38R	11/19/2014 12:07	63.2	33.9	0	2.9	-0.31		87	10		-9.32	2nd Reading; No Repair Needed; Good
W38R	12/5/2014 11:39	51.8	34.2	0	14	-2.58		129	30		-15.71	No Change; No Repair Needed; Good
W38R	12/18/2014 11:34	55.7	34	0	10.3	-3.04		129	0		-15.02	No Change; No Repair Needed; Good
W38R	1/22/2015 12:11	39	31.5	0	29.5	-5.52	-4.93	122	10	7	-16.79	Slightly Closed; No Repair Needed; Good
W38R	1/22/2015 12:12	38	32	0	30	-4.36		114	6		-18.3	2nd Reading; No Repair Needed; Good
W38R	2/3/2015 12:27	52.5	32.2	0.1	15.2	-3.91		50	2		-21.84	No Change; No Repair Needed; Good
W38R	3/3/2015 11:57	66.2	33.8	0	0	0.75	-0.03	46	0	0	-13.16	Slightly Open; No Repair Needed; Good
W38R	3/3/2015 11:58	67.2	32.8	0	0	-0.16		66	0		-13.81	2nd Reading; No Repair Needed; Good
W38R	3/18/2015 11:30	56.5	32.6	0.1	10.8	-3.54		116	5		-15.54	No Change; No Repair Needed; Good
W38R	4/2/2015 11:43	52.3	33	0	14.7	-2.97		119	23		-17.31	No Change; No Repair Needed; Good
W38R	4/17/2015 13:08	53	31.8	0	15.2	-4.49		117	8		-15.88	No Change; No Repair Needed; Good
W38R	5/5/2015 13:04	48.7	31.4	0	19.9	-4.21		123	5		-20.37	No Change; No Repair Needed; Good
W38R	5/20/2015 13:26	47	30.8	0	22.2	-3.12	-3.04	124	5	6	-20.37	Slightly Closed; No Repair Needed; Good
W38R	5/20/2015 13:27	46.4	31.2	0	22.4	-2.85		122	6		-20.28	2nd Reading; No Repair Needed; Good
W38R	6/1/2015 13:03	49.2	32.9	0.1	17.8	-2.26		117	8		-21.28	No Change; No Repair Needed; Good
W38R	6/16/2015 13:36	53.7	33.6	0	12.7	-1.17		121	8		-11.7	No Change; No Repair Needed; Good
W38R	7/2/2015 13:06	55.6	34.2	0	10.2	-1.81		111	6		-17.65	No Change; No Repair Needed; Good
W38R	7/27/2015 13:41	54.2	35.4	0	10.4	-1.28		120	6		-14.85	No Change; No Repair Needed; Good
W38R	8/5/2015 13:54	52.9	35.5	0	11.6	-3.02		123	8		-21.41	No Change; No Repair Needed; Good
W38R	8/20/2015 13:47	50.3	35.2	0	14.5	-2.38		119	9		-21.75	No Change; No Repair Needed; Good
W38R	9/4/2015 10:52	50.9	34.3	0.4	14.4	-2.23		124	5		-17	No Change; No Repair Needed; Good
W38R	9/17/2015 13:39	53	35.5	0.2	11.3	-1.79		124	10		-13.81	No Change; No Repair Needed; Good
W41R	9/10/2014 9:55	56.9	34.5	0	8.6	-12.17	-13.16	90	14	12	-26.33	Slightly Open; No Repair Needed; Good
W41R	9/10/2014 9:55	57.5	34.6	0	7.9	-14.15	-14.11	90	14	13	-26.97	2nd Reading; No Repair Needed; Good
W41R	9/25/2014 8:32	49.2	37.5	0.1	13.2	-14.82	-14.82	85	11	11	-26.33	No Change; No Repair Needed; Good
W41R	10/9/2014 10:03	54.1	32.1	0.3	13.5	-14.54	-14.54	80	18	16	-26.24	No Change; No Repair Needed; Good
W41R	10/23/2014 8:53	52.4	28.3	0.5	18.8	-14.45		72	11		-26.72	No Change; No Repair Needed; Good
W41R	11/5/2014 8:46	50.5	36.3	0	13.2	-14.54		69	18		-26.93	No Change; No Repair Needed; Good

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
W41R	11/19/2014 9:29	53	33.2	0.2	13.6	-8.33		52	6		-13.85	No Change; No Repair Needed; Good
W41R	12/5/2014 8:57	55.6	34.9	0.2	9.3	-9.97		54	12		-18.95	No Change; No Repair Needed; Good
W41R	12/18/2014 8:55	55.3	33.2	0.2	11.3	-11.22		51	10		-19.77	No Change; No Repair Needed; Good
W41R	1/8/2015 9:27	57.7	33.4	0.3	8.6	-13.16	-15.23	45	15	8	-24.51	Slightly Open; No Repair Needed; Good
W41R	1/8/2015 9:29	57	31.2	0.4	11.4	-16.35		47	11		-24.51	2nd Reading; No Repair Needed; Good
W41R	1/22/2015 8:48	56.7	31.1	0.3	11.9	-18.9	-20.97	55	12	18	-24.82	Slightly Open; No Repair Needed; Good
W41R	1/22/2015 8:49	56.9	33.8	0.1	9.2	-21.35		55	15		-24.13	2nd Reading; No Repair Needed; Good
W41R	2/3/2015 9:09	61.3	36.7	0.1	1.9	-23.73	-25.8	55	14	13	-27.84	Slightly Open; No Repair Needed; Good
W41R	2/3/2015 9:09	61.7	36.5	0	1.8	-25.45		55	14		-26.63	2nd Reading; No Repair Needed; Good
W41R	3/3/2015 9:20	63.9	34	0.2	1.9	-17.47	-18.03	49	13	13	-18.26	Slightly Open; No Repair Needed; Good
W41R	3/3/2015 9:21	64.1	34.3	0.1	1.5	-18.08		49	14		-18.39	2nd Reading; No Repair Needed; Good
W41R	3/18/2015 8:56	62.1	36.3	0.5	1.1	-17.9		56	7		-18.21	No Change; No Repair Needed; Good
W41R	4/2/2015 8:58	57.2	32.3	1.5	9	-22.43		64	0		-22.87	No Change; No Repair Needed; Good
W41R	4/17/2015 11:05	63	36.7	0.1	0.2	-19.93		74	13		-20.28	No Change; No Repair Needed; Good
W41R	5/5/2015 9:21	49.8	28.7	0.2	21.3	-26.53		79	13		-27.28	No Change; No Repair Needed; Good
W41R2	5/20/2015 9:50	61	37.9	0	1.1	1.45	-0.67	75	4	3	-26.24	Slightly Open; No Repair Needed; Good
W41R2	5/20/2015 9:51	60.1	39.4	0	0.5	-1.57		75	6		-26.59	2nd Reading; No Repair Needed; Good
W41R2	6/1/2015 9:52	61.3	38.7	0	0	1.26	-0.22	86	0	0	-15.19	Slightly Open; No Repair Needed; Good
W41R2	6/1/2015 9:53	61.4	38.6	0	0	-1.4		92	9		-15.02	2nd Reading; No Repair Needed; Good
W41R2	6/16/2015 9:47	62.9	36.6	0	0.5	-5.18	-5.82	107	10	10	-22.23	Slightly Open; No Repair Needed; Good; 19073
W41R2	6/16/2015 9:49	63.3	36.3	0	0.4	-6.56		107	13		-22.83	2nd Reading; No Repair Needed; Good
W41R2	7/2/2015 8:34	62.6	37.2	0	0.2	-5.82	-6.51	105	9	10	-18	Slightly Open; No Repair Needed; Good; 25544
W41R2	7/2/2015 8:35	63.1	36.5	0	0.4	-8.93		107	12		-22.87	2nd Reading; No Repair Needed; Good
W41R2	7/27/2015 10:27	62.8	36.7	0	0.5	-9.28	-11.65	107	16	17	-18.99	Slightly Open; No Repair Needed; Good; 33906
W41R2	7/27/2015 10:27	63.4	35.7	0	0.9	-13.76		108	18		-19.34	2nd Reading; No Repair Needed; Good
W41R2	8/5/2015 10:04	46.3	32.2	0	21.5	-23.17	-22.26	109	19	16	-30.64	Slightly Closed; No Repair Needed; Good; 34952
W41R2	8/5/2015 10:05	46.5	30.8	0	22.7	-20.53		109	16		-30.3	2nd Reading; No Repair Needed; Good
W41R2	8/20/2015 10:07	49.6	33.9	0	16.5	-17.86		107	18		-26.59	No Change; No Repair Needed; Good; 40996
W41R2	9/4/2015 8:18	44.7	32	0.1	23.2	-17.47	-16.78	110	16	15	-28.1	Slightly Closed; No Repair Needed; Good; 44580
W41R2	9/4/2015 8:19	44.9	30.5	0.1	24.5	-15.62		109	14		-26.72	2nd Reading; No Repair Needed; Good
W41R2	9/17/2015 10:25	51.2	34	0.1	14.7	-15.62		109	15		-31.12	No Change; No Repair Needed; Good; 47106
W43R	9/10/2014 9:59	45.7	29.5	4.6	20.2	-26.92	-27.05	86	6	6	-26.67	No Change; No Repair Needed; Fair; remote restricted
W43R	9/25/2014 8:36	41.8	31	4.9	22.3	-26.88	-26.84	72	0	0	-26.46	No Change; No Repair Needed; Fair; remote restricted
W43R	10/9/2014 9:55	62.4	35	0.5	2.1	-0.13	-0.83	67	11	5	-27.67	Slightly Open; No Repair Needed; Good
W43R	10/9/2014 9:56	61.3	37.2	0.2	1.3	-5.13	-6.17	66	7	5	-26.59	2nd Reading; No Repair Needed; Good
W43R	10/23/2014 8:47	10.2	8.1	18	63.7	-26.88	-26.88	50	0	0	-27.06	Slightly Closed; No Repair Needed; Fair
W43R	10/23/2014 8:48	11.2	6.5	18.2	64.1	-26.92		49	3		-26.72	2nd Reading; No Repair Needed; Fair
W43R	11/5/2014 8:42	56.6	30.5	1.8	11.1	-0.14		54	8		-26.63	No Change; No Repair Needed; Fair
W43R	11/19/2014 9:23	8.3	8.4	18.9	64.4	-14.19	-14.58	31	0	0	-17	Slightly Closed; No Repair Needed; Fair
W43R	11/19/2014 9:25	57.9	38.8	0.4	2.9	-16.57		32	0		-15.93	2nd Reading; No Repair Needed; Fair
W43R	12/5/2014 8:53	54	33.7	1.5	10.8	-16.7		43	14		-18.26	No Change; No Repair Needed; Good
W43R	12/18/2014 8:50	57.8	32.9	0.8	8.5	-15.49		30	0		-19.94	No Change; No Repair Needed; Fair
W43R	1/8/2015 9:21	57	28.5	1.3	13.2	-11.35		12	0		-23.05	No Change; No Repair Needed; Good
W43R	1/22/2015 8:42	56.8	37	0.8	5.4	-20.41		33	7		-24.9	No Change; No Repair Needed; Fair
W43R	2/3/2015 9:02	56.4	34.5	0.6	8.5	-19.93		25	0		-25.9	No Change; No Repair Needed; Fair
W43R	3/3/2015 9:14	56.2	32.4	0.9	10.5	-9.53		33	14		-18.3	No Change; No Repair Needed; Good
W43R	3/18/2015 8:50	56.3	35.3	0.9	7.5	-6.86		40	0		-17.57	No Change; No Repair Needed; Good
W43R	4/2/2015 8:53	56.1	35	0.7	8.2	-8.24		63	0		-22.18	No Change; No Repair Needed; Fair
W43R	4/17/2015 11:02	57.9	35.4	0.3	6.4	-1.08		76	11		-20.33	No Change; No Repair Needed; Fair; remote restricted
W43R2	5/20/2015 9:43	61.7	36.5	0	1.8	1.26	-0.23	75	0	17	-26.28	Slightly Open; No Repair Needed; Good

Green Valley Landfill
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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
W43R2	5/20/2015 9:47	56.9	33.8	0.7	8.6	-0.09		76	10		-26.33	2nd Reading; No Repair Needed; Good
W43R2	6/1/2015 9:49	61.6	38.4	0	0	64.06	-0.03	63	13	51	-16.92	Slightly Open; No Repair Needed; Good; 15642
W43R2	6/1/2015 9:50	61.5	38.5	0	0	-2.68		95	36		-14.98	2nd Reading; No Repair Needed; Good
W43R2	6/16/2015 9:43	60.2	39.4	0	0.4	-19.63	-15.4	97	11	10	-21.62	Slightly Closed; No Repair Needed; Good; 53872
W43R2	6/16/2015 9:45	60.5	39.5	0	0	-11		96	10		-22.1	2nd Reading; No Repair Needed; Good
W43R2	7/2/2015 8:31	61.2	38.1	0	0.7	-1.6	-1.95	94	9	10	-18.69	Slightly Open; No Repair Needed; Good; 76823
W43R2	7/2/2015 8:31	61	39	0	0	-2.63		94	9		-18.3	2nd Reading; No Repair Needed; Good
W43R2	7/27/2015 10:23	60.9	36.6	0	2.5	-5.48	-6.82	98	12	14	-19.08	Slightly Open; No Repair Needed; Good; 104678
W43R2	7/27/2015 10:24	61.3	38.7	0	0	-11.35		98	17		-23.09	2nd Reading; No Repair Needed; Good
W43R2	8/5/2015 10:01	60.7	38	0	1.3	-23.21	-24.29	100	14	16	-30.99	Slightly Open; No Repair Needed; Good; 114331
W43R2	8/5/2015 10:02	59.9	38.9	0	1.2	-25.63		100	11		-30.47	2nd Reading; No Repair Needed; Good
W43R2	8/20/2015 10:04	61.3	38.6	0.1	0	-25.84	-27.18	98	15	23	-30.17	Slightly Open; No Repair Needed; Good
W43R2	8/20/2015 10:05	60.7	39.3	0	0	-28.43		99	19		-30.21	2nd Reading; No Repair Needed; Good
W43R2	9/4/2015 8:15	61	36.9	0.2	1.9	-26.57		99	18		-27.71	No Change; No Repair Needed; Good; 143415
W43R2	9/17/2015 10:22	60.2	38.3	0.1	1.4	-29.29		100	17		-30.13	No Change; No Repair Needed; Good; 154102
W44R	9/10/2014 10:06	38.5	26.7	4.6	30.2	-27.74	-27.26	83	7	7	-27.71	No Change; No Repair Needed; Fair; remote restricted
W44R	9/25/2014 8:38	37.6	30.1	4.5	27.8	-26.5	-26.2	66	0	0	-25.95	No Change; No Repair Needed; Fair; remote restricted
W44R	10/9/2014 9:59	1.6	6.2	20.5	71.7	-26.83	-26.83	72	0	7	-26.63	Slightly Closed; No Repair Needed; Fair
W44R	10/9/2014 10:00	1.5	1.4	21.2	75.9	-26.57	-26.53	73	5	4	-26.28	2nd Reading; No Repair Needed; Fair
W44R	10/23/2014 8:50	27.3	21.2	9.7	41.8	-22.04	-21.44	48	6	5	-26.85	Slightly Closed; No Repair Needed; Fair
W44R	10/23/2014 8:51	27.7	21.5	9.5	41.3	-17.77		48	7		-26.37	2nd Reading; No Repair Needed; Fair
W44R	11/5/2014 8:44	52.3	34.4	1.4	11.9	-0.68		53	12		-26.63	No Change; No Repair Needed; Fair
W44R	11/19/2014 9:27	41.4	34.4	4.2	20	-0.67		33	0		-14.37	No Change; No Repair Needed; Fair
W44R	12/5/2014 8:55	42	35.4	3.1	19.5	-0.2		44	0		-18.3	No Change; No Repair Needed; Fair
W44R	12/18/2014 8:52	23.5	22.2	9.9	44.4	-1.66	-1.62	30	0	0	-20.03	Slightly Closed; No Repair Needed; Fair
W44R	12/18/2014 8:53	34	27.9	4.7	33.4	-3.26		28	0		-19.42	2nd Reading; No Repair Needed; Fair; meter putting vacuum on well
W44R	1/8/2015 9:23	31.6	31.6	4.6	32.2	-0.78		9	0		-23.82	No Change; No Repair Needed; Fair
W44R	2/3/2015 9:05	18.1	27.6	7	47.3	-14.41	-12.21	26	0	0	-26.11	Slightly Closed; No Repair Needed; Fair
W44R	2/3/2015 9:05	18	27.3	7.1	47.6	-5.13		25	0		-26.97	2nd Reading; No Repair Needed; Fair
W44R	2/17/2015 10:24	13.3	22.7	9	55	-12.99	-12.73	32	0	0	-15.11	Slightly Closed; No Repair Needed; Fair
W44R	2/17/2015 10:25	12.9	23.1	9.2	54.8	-11.69		34	0		-13.64	2nd Reading; No Repair Needed; Fair
W44R	3/3/2015 9:16	11.8	22.1	10.5	55.6	-0.67	-0.59	33	0	0	-17.95	Slightly Closed; No Repair Needed; Fair
W44R	3/3/2015 9:17	10.2	20.9	10.8	58.1	-0.89		32	0		-18.26	2nd Reading; No Repair Needed; Fair
W44R	3/18/2015 8:52	16.5	22.6	9.6	51.3	-0.9	-0.89	40	0	0	-17.65	Slightly Closed; No Repair Needed; Fair
W44R	3/18/2015 8:53	16.2	21.1	9.8	52.9	-1.48		40	0		-17.87	2nd Reading; No Repair Needed; Fair
W44R	4/2/2015 8:55	17	20.5	11	51.5	-1.17	-1.14	63	0	0	-23.13	Slightly Closed; No Repair Needed; Fair
W44R	4/2/2015 8:56	16.7	18.8	11.1	53.4	-1.69		63	0		-22.18	2nd Reading; No Repair Needed; Fair
W44R	4/14/2015 10:27	18.1	16.8	10.3	54.8	-1.3	-1.3	58	0	0	-16.57	Slightly Closed; No Repair Needed; Fair
W44R	4/14/2015 10:28	17.4	20.8	10	51.8	-2.16		58	0		-17.57	2nd Reading; No Repair Needed; Fair
W44R	5/5/2015 9:17	18.8	19.5	9.1	52.6	-0.97	-0.97	84	0	0	-27.02	No Change; No Repair Needed; Fair
W44R	5/5/2015 9:18	18.4	21.6	9	51	-1.9		83	0		-25.98	2nd Reading; No Repair Needed; Fair
W44R2	5/20/2015 10:40	60.9	38.9	0	0.2	6.3	-0.52	68	8	50	-26.59	Slightly Open; No Repair Needed; Good
W44R2	5/20/2015 10:41	60.9	39	0	0.1	-0.63		103	44		-26.11	2nd Reading; No Repair Needed; Good
W44R2	6/1/2015 10:37	60.4	37.7	0.3	1.6	-2.88	-3.47	99	50	59	-25.55	Slightly Open; No Repair Needed; Good; 243
W44R2	6/1/2015 10:38	60	38	0.3	1.7	-3.83		99	57		-25.55	2nd Reading; No Repair Needed; Good
W44R2	6/16/2015 10:38	58.2	37.7	0.1	4	-3.19	-3.84	103	47	47	-21.02	Slightly Open; No Repair Needed; Good; 260
W44R2	6/16/2015 10:39	58.1	38.3	0.1	3.5	-4.21		104	49		-20.76	2nd Reading; No Repair Needed; Good
W44R2	7/2/2015 9:20	57.1	38.1	0	4.8	-3.71	-4.49	101	41	51	-17.87	Slightly Open; No Repair Needed; Good; 263
W44R2	7/2/2015 9:21	57.3	38.4	0	4.3	-5.78		102	56		-19.81	2nd Reading; No Repair Needed; Good
W44R2	7/27/2015 11:09	53.4	35.8	0.6	10.2	-5.69		107	52		-19.21	No Change; No Repair Needed; Good; 263

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
W44R2	8/5/2015 10:57	45.2	34.5	2.4	17.9	-9.02	-7.33	111	60	48	-31.07	Slightly Closed; No Repair Needed; Good; 263
W44R2	8/5/2015 10:58	46.1	32.7	2.2	19	-6.56		111	45		-30.38	2nd Reading; No Repair Needed; Good
W44R2	8/20/2015 10:50	51.5	38	1	9.5	-4.18		113	46		-24.51	No Change; No Repair Needed; Good; 275
W44R2	9/4/2015 8:27	29.4	21.5	10.6	38.5	-1.05	-0.15	110	64	28	-33.58	Slightly Closed; No Repair Needed; Fair; 275
W44R2	9/4/2015 8:29	44.4	29.1	4.9	21.6	-0.14		106	12		-30.04	2nd Reading; No Repair Needed; Good
W44R2	9/17/2015 10:33	59	38.8	0.1	2.1	-0.04	-0.29	109	23	27	-31.16	Slightly Open; No Repair Needed; Good; 275
W44R2	9/17/2015 10:34	59.2	39.2	0.1	1.5	-0.37		109	27		-30.04	2nd Reading; No Repair Needed; Good
W46R2	9/10/2014 10:09	30.9	19.3	9.1	40.7	-26.66	-26.66	83	6	4	-26.59	Slightly Closed; No Repair Needed; Fair; remote restricted
W46R2	9/10/2014 10:11	36.5	21.3	7.6	34.6	-26.92	-26.92	83	6	6	-26.59	2nd Reading; No Repair Needed; Fair
W46R2	9/25/2014 8:40	54.6	32	1.9	11.5	-5.26	-5.47	67	0	0	-26.68	No Change; No Repair Needed; Fair; remote restricted
W46R2	10/9/2014 9:51	0.6	4.8	20.8	73.8	-26.92	-24.42	65	0	9	-26.63	Slightly Closed; No Repair Needed; Fair
W46R2	10/9/2014 9:52	0.2	0.5	21.8	77.5	-13.37	-13.03	65	10	10	-26.59	2nd Reading; No Repair Needed; Fair
W46R2	10/23/2014 8:44	35.7	18.2	8.5	37.6	-17.04	-16.01	50	11	11	-26.72	Slightly Closed; No Repair Needed; Fair; camera investigation required
W46R2	10/23/2014 8:44	36	16.8	8.8	38.4	-0.27		49	7		-27.06	2nd Reading; No Repair Needed; Fair
W46R2	11/5/2014 8:38	23.4	17.3	12.2	47.1	-0.06	-0.06	56	11	9	-26.97	No Change; No Repair Needed; Fair; valve barely cracked
W46R2	11/5/2014 8:39	24.6	10.4	12.9	52.1	-0.07		57	9		-26.63	2nd Reading; No Repair Needed; Fair; valve barely cracked
W46R2	11/19/2014 9:20	18.4	17.2	11.9	52.5	-0.4	-0.4	30	0	0	-14.03	No Change; No Repair Needed; Fair
W46R2	11/19/2014 9:21	18.4	10.7	12.7	58.2	-0.78		31	0		-14.03	2nd Reading; No Repair Needed; Fair
W46R2	12/5/2014 8:49	17.4	15.2	11.1	56.3	-0.01	-0.01	43	4	5	-18.56	No Change; No Repair Needed; Fair
W46R2	12/5/2014 8:50	16.1	11	12.7	60.2	-0.01		42	7		-18.26	2nd Reading; No Repair Needed; Fair
W46R2	12/18/2014 8:46	6.7	16.6	15.7	61	-2.23	-2.24	32	0	0	-20.37	Slightly Closed; No Repair Needed; Fair
W46R2	12/18/2014 8:47	12	8.4	13.9	65.7	-2.64		29	0		-20.8	2nd Reading; No Repair Needed; Fair
W46R2	1/8/2015 9:17	9.5	18.8	13.5	58.2	-3.9	-3.9	12	0	0	-23.05	Slightly Closed; No Repair Needed; Fair
W46R2	1/8/2015 9:18	13.8	11.3	11.4	63.5	-4.35		12	0		-24.64	2nd Reading; No Repair Needed; Fair
W46R2	1/22/2015 8:39	8.4	12.9	14.5	64.2	-4.12	-4.11	39	0	0	-25.55	Slightly Closed; No Repair Needed; Fair
W46R2	1/22/2015 8:40	11.6	8.2	13.1	67.1	-4.57		36	0		-26.07	2nd Reading; No Repair Needed; Fair
W46R2	2/3/2015 8:57	7.4	19.1	15.6	57.9	-6.51	-6.51	28	0	0	-25.94	Slightly Closed; No Repair Needed; Fair
W46R2	2/3/2015 8:58	8.7	9.6	14.4	67.3	-6.86		26	0		-26.59	2nd Reading; No Repair Needed; Fair
W46R2	2/17/2015 10:28	14.4	16.4	8.2	61	-5.82	-5.52	30	0	0	-15.32	Slightly Closed; No Repair Needed; Fair
W46R2	2/17/2015 10:29	15.3	14.1	8.3	62.3	-5.48		34	5		-14.76	2nd Reading; No Repair Needed; Fair
W46R2	3/3/2015 9:10	14.6	16.3	7.7	61.4	-0.42	-0.44	36	0	0	-18.26	Slightly Closed; No Repair Needed; Fair
W46R2	3/3/2015 9:11	14.8	13.5	8.1	63.6	-0.87		33	2		-18.26	2nd Reading; No Repair Needed; Fair
W46R2	3/18/2015 8:46	13.2	17.6	9.7	59.5	-0.03	-0.03	33	0	0	-18.04	No Change; No Repair Needed; Fair
W46R2	3/18/2015 8:47	11.3	11.4	11.7	65.6	-0.03		33	0		-17.57	2nd Reading; No Repair Needed; Fair
W46R2	4/2/2015 8:49	11.6	11.3	10.3	66.8	-0.52	-0.51	64	0	0	-23.22	No Change; No Repair Needed; Fair
W46R2	4/2/2015 8:50	11.3	10.2	10.5	68	-0.85		63	0		-22.87	2nd Reading; No Repair Needed; Fair
W46R2	4/14/2015 10:23	4.5	6.5	17.1	71.9	-0.46	-0.51	57	2	4	-16.23	No Change; No Repair Needed; Fair
W46R2	4/14/2015 10:24	4.7	4.2	16.9	74.2	-0.86		57	6		-17.52	2nd Reading; No Repair Needed; Fair
W46R2	5/5/2015 9:14	11.1	15	9.3	64.6	-0.34	-0.34	77	4	3	-27.06	No Change; No Repair Needed; Fair; valve barely cracked
W46R2	5/5/2015 9:14	10.5	11.9	9.6	68	-0.74		76	6		-25.98	2nd Reading; No Repair Needed; Fair
W46R3	5/20/2015 11:09	60.6	37.8	0	1.6	0.15	-0.08	92	9	17	-26.97	Slightly Open; No Repair Needed; Good
W46R3	5/20/2015 11:10	60.2	39.1	0	0.7	-0.09		95	24		-27.92	2nd Reading; No Repair Needed; Good
W46R3	6/1/2015 10:34	53.4	34.1	2.3	10.2	-0.11		91	24		-26.41	No Change; No Repair Needed; Good; 238
W46R3	6/16/2015 10:34	53	35	2	10	-0.13		96	16		-22.53	No Change; No Repair Needed; Good; 961
W46R3	7/2/2015 10:25	51.3	33.8	3	11.9	-0.24		94	8		-26.28	No Change; No Repair Needed; Good; 2664
W46R3	7/27/2015 11:06	51.7	35	2.2	11.1	-0.14		96	12		-21.06	No Change; No Repair Needed; Good; 3133; force main restricted
W46R3	8/5/2015 10:53	46	30	3.8	20.2	-0.42	-0.36	96	33	25	-31.25	Slightly Closed; No Repair Needed; Good; 3133
W46R3	8/5/2015 10:54	53	34.5	1.8	10.7	-0.25		97	24		-31.16	2nd Reading; No Repair Needed; Good
W46R3	8/20/2015 10:46	57.7	36.9	0.5	4.9	-0.16	-0.46	100	0	29	-31.64	Slightly Open; No Repair Needed; Good; 3133
W46R3	8/20/2015 10:47	56.7	38.6	0.9	3.8	-0.36		100	14		-31.03	2nd Reading; No Repair Needed; Good

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
W46R3	9/4/2015 8:22	39.5	28.3	6.3	25.9	-0.58	-0.1	100	30	28	-27.32	Slightly Closed; No Repair Needed; Fair; 3133
W46R3	9/4/2015 8:24	42.6	30	4.9	22.5	-0.11		100	40		-26.59	2nd Reading; No Repair Needed; Good
W46R3	9/17/2015 10:28	57.3	38.4	0.6	3.7	-0.06	-0.15	100	25	24	-31.33	Slightly Open; No Repair Needed; Good; 3135
W46R3	9/17/2015 10:29	56.6	39	0.9	3.5	-0.15		100	29		-32.54	2nd Reading; No Repair Needed; Good
W47R	9/10/2014 9:46	3.9	16	11.1	69	-1.9	-1.91	84	0	0	-26.28	Slightly Closed; No Repair Needed; Fair; remote restricted
W47R	9/10/2014 9:47	2.7	14.9	11.5	70.9	-3.75	-3.74	84	0	0	-26.33	2nd Reading; No Repair Needed; Fair; meter putting vacuum on well
W47R	9/25/2014 8:25	2.4	14.9	15.1	67.6	-2.29	-2.28	71	0	0	-24.93	No Change; No Repair Needed; Fair; remote restricted
W47R	9/25/2014 8:25	1.8	12.4	15.5	70.3	-3.97	-3.97	71	0	0	-26.29	2nd Reading; No Repair Needed; Fair; remote restricted
W47R	10/9/2014 9:43	60.5	37.2	0	2.3	6.3	-6.82	68	0	13	-26.24	Slightly Open; No Repair Needed; Good
W47R	10/9/2014 14:57	61	35.7	0.4	2.9	-9.23	-9.23	74	26	27	-26.33	No Change; No Repair Needed; Good
W47R	10/23/2014 8:35	57.2	35.9	0.1	6.8	-11.04		54	0		-26.37	No Change; No Repair Needed; Fair; surging
W47R	11/5/2014 8:29	57.6	35.1	0	7.3	-16.35		55	11		-26.97	No Change; No Repair Needed; Good
W47R	12/5/2014 8:34	57.2	36.1	0.1	6.6	-12.68		49	0		-16.1	No Change; No Repair Needed; Fair; remote restricted
W47R	12/18/2014 8:38	58.4	36.8	0.1	4.7	-15.62	-18.29	37	0	0	-19.77	Slightly Open; No Repair Needed; Good; remote restricted
W47R	12/18/2014 8:39	58.1	37	0.1	4.8	-19.76		31	0		-19.46	2nd Reading; No Repair Needed; Good; remote restricted
W47R	1/8/2015 9:06	3.5	17.5	18.3	60.7	-23.73	-23.43	13	0	0	-23.52	Slightly Closed; No Repair Needed; Fair; remote restricted
W47R	1/8/2015 9:07	0.8	8.2	20.5	70.5	-23.77		11	0		-23.82	2nd Reading; No Repair Needed; Fair; remote restricted
W47R	1/22/2015 8:31	57.3	35.5	0.4	6.8	-24.16		39	9		-24.17	No Change; No Repair Needed; Fair; remote restricted
W47R	2/3/2015 8:49	57.8	35.8	0.4	6	-25.8		34	0		-25.59	No Change; No Repair Needed; Fair; remote restricted
W47R	3/3/2015 9:02	61.1	35.3	0.3	3.3	-16.48		34	6		-16.57	No Change; No Repair Needed; Fair; remote restricted
W47R	3/18/2015 8:38	46.3	27.6	4.8	21.3	-18.12		39	0		-18.17	No Change; No Repair Needed; Fair; remote restricted
W47R	4/2/2015 8:41	52.2	26.7	2.3	18.8	-22.69		61	0		-22.49	No Change; No Repair Needed; Fair; remote restricted
W47R	4/17/2015 10:54	50.9	27.3	1.5	20.3	-20.28		75	23		-20.33	No Change; No Repair Needed; Fair; remote restricted
W47R	5/5/2015 9:05	58.8	35.4	0.3	5.5	-25.5		80	0		-25.59	No Change; No Repair Needed; Fair; remote restricted
W47R2	5/20/2015 10:25	62.5	35.9	0	1.6	4.56	-0.19	76	8	17	-27.19	Slightly Open; No Repair Needed; Good
W47R2	5/20/2015 10:26	61.7	37.7	0	0.6	-0.37		106	23		-25.9	2nd Reading; No Repair Needed; Good
W47R2	6/1/2015 10:29	61.7	37.5	0	0.8	-0.3	-0.96	109	15	14	-25.94	Slightly Open; No Repair Needed; Good; 218
W47R2	6/1/2015 10:29	61.7	38.3	0	0	-1.35		109	19		-26.54	2nd Reading; No Repair Needed; Good
W47R2	6/16/2015 10:28	58.4	39.6	0	2	0.64	-0.4	117	19	27	-21.41	Slightly Open; No Repair Needed; Good; 168601
W47R2	6/16/2015 10:29	59.1	40.7	0	0.2	-0.63		117	29		-22.44	2nd Reading; No Repair Needed; Good
W47R2	7/2/2015 9:11	58.8	39.1	0	2.1	-0.27	-2.36	116	23	40	-18.73	Slightly Open; No Repair Needed; Good; 361133
W47R2	7/2/2015 9:12	59.3	40.4	0	0.3	-2.73		116	26		-17.35	2nd Reading; No Repair Needed; Good
W47R2	7/27/2015 11:01	48.2	34.2	1.9	15.7	-4.3		114	37		-21.54	No Change; Pump Maintenance Required; Good; 371653
W47R2	8/5/2015 10:45	40.9	31.1	3.3	24.7	-6.21	-2.67	116	12	11	-31.03	Slightly Closed; No Repair Needed; Good; 371653
W47R2	8/5/2015 10:46	41.6	29.7	3.1	25.6	-2.11		116	21		-29.78	2nd Reading; No Repair Needed; Good
W47R2	8/20/2015 10:41	59.3	38.9	0	1.8	0.23	-0.44	118	36	14	-20.67	Slightly Open; No Repair Needed; Good; 462700
W47R2	8/20/2015 10:41	59.3	40.4	0	0.3	-0.64		119	35		-21.62	2nd Reading; No Repair Needed; Good
W47R2	9/4/2015 8:41	52.2	36.1	1.2	10.5	-1.57		122	14		-30.21	No Change; No Repair Needed; Good; 532581
W47R2	9/17/2015 10:42	53.4	36	0.9	9.7	-1.31		122	21		-30.82	No Change; No Repair Needed; Good; 565289
W49R	9/10/2014 9:44	61.1	37.1	0	1.8	-26.57	-26.57	104	18	18	-26.28	No Change; No Repair Needed; Good
W49R	9/25/2014 8:22	58.8	38.6	0	2.6	-26.54	-26.5	103	16	16	-26.29	No Change; No Repair Needed; Good; 4385
W49R	10/9/2014 9:45	60.4	37.8	0	1.8	-26.19	-26.23	102	19	18	-26.28	No Change; No Repair Needed; Good; 4663
W49R	10/23/2014 8:37	59.9	38.1	0	2	-26.53		101	17		-26.33	No Change; No Repair Needed; Fair; 4688; force main restricted
W49R	11/5/2014 8:31	59.5	37.2	0.1	3.2	-26.88		101	21		-26.63	No Change; No Repair Needed; Fair; 4689; force main restricted
W49R	11/19/2014 9:13	58.4	27.5	1.5	12.6	-14.15		97	40		-14.37	No Change; No Repair Needed; Fair; 4692; force main restricted
W49R	12/5/2014 8:36	60.2	37.4	0	2.4	-15.96		101	0		-15.88	No Change; No Repair Needed; Fair; 4813; force main restricted
W49R	12/18/2014 8:41	58.3	37	0	4.7	-19.97		99	14		-20.03	No Change; No Repair Needed; Good; 5411; force main restricted
W49R	1/8/2015 9:10	62.2	34.8	0.4	2.6	-23.43		97	0		-23.82	No Change; No Repair Needed; Fair; 7627; force main restricted
W49R	1/22/2015 8:33	57.8	35.4	0	6.8	-24.85		101	8		-24.69	No Change; No Repair Needed; Fair; 9296; force main restricted
W49R	2/3/2015 8:51	58.4	35.9	0	5.7	-26.19		99	35		-26.24	No Change; No Repair Needed; Fair; 9793; force main restricted

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
W49R	3/3/2015 9:04	62.2	36.8	0	1	-17.73		98	36		-17.57	No Change; No Repair Needed; Good; 10649; force main restricted
W49R	3/18/2015 8:40	61.1	34.9	0.4	3.6	-18.21		99	30		-18.21	No Change; No Repair Needed; Fair; 11433; force main restricted
W49R	4/2/2015 8:43	55.7	32.1	1.4	10.8	-22.78		102	0		-22.87	No Change; No Repair Needed; Fair; 14582
W49R	4/17/2015 10:56	62.1	35.1	0	2.8	-20.66		105	17		-20.63	No Change; No Repair Needed; Good; 16959
W49R	5/5/2015 9:07	57	37.1	0.2	5.7	-26.57		105	16		-26.28	No Change; No Repair Needed; Good; 22411
W49R	5/20/2015 10:20	62.5	36.3	0	1.2	-26.83		106	20		-26.63	No Change; No Repair Needed; Good; 22432
W49R	6/1/2015 10:26	63	36.6	0	0.4	-26.19		106	12		-26.54	No Change; No Repair Needed; Good; 22432
W49R	6/16/2015 10:24	61	37.2	0	1.8	-21.7		115	15		-21.75	No Change; No Repair Needed; Good; 33352
W49R	7/2/2015 9:08	61.7	37.4	0	0.9	-18.51		110	7		-18.3	No Change; No Repair Needed; Good; 42472
W49R	7/27/2015 10:58	61.3	36.8	0	1.9	-18.9		112	16		-19.03	No Change; No Repair Needed; Good; 52832
W49R	8/5/2015 10:42	60	36.8	0	3.2	-30.03		115	16		-30.38	No Change; No Repair Needed; Good; 55022
W49R	8/20/2015 10:38	61.5	37.6	0	0.9	-21.31		113	11		-21.23	No Change; No Repair Needed; Good; 73896
W49R	9/4/2015 8:44	59.5	38.3	0.1	2.1	-29.72		118	18		-30.21	No Change; No Repair Needed; Good; 81698
W49R	9/17/2015 10:45	59.7	38.1	0.2	2	-21.14	-21.96	117	20	18	-30.47	Slightly Open; No Repair Needed; Good; 91169
W49R	9/17/2015 10:46	60.6	38	0.2	1.2	-22.17		117	19		-30.17	2nd Reading; No Repair Needed; Good
W50R3	9/10/2014 9:16	51.9	39.2	0	8.9	-11.43	-11.43	103	21	24	-27.71	No Change; No Repair Needed; Good
W50R3	9/25/2014 7:58	48.3	38.3	0	13.4	-11.42	-11.33	103	20	22	-27.91	No Change; No Repair Needed; Good
W50R3	10/9/2014 9:18	50.4	35.5	0	14.1	-11.3	-11.3	104	22	22	-27.45	No Change; No Repair Needed; Good
W50R3	10/23/2014 8:12	48	36.2	0	15.8	-11.69		104	23		-27.79	No Change; No Repair Needed; Good
W50R3	11/5/2014 8:03	46.4	34.9	0	18.7	-12.04	-11.35	105	21	18	-26.93	Slightly Closed; No Repair Needed; Good
W50R3	11/5/2014 8:05	45.9	35.2	0	18.9	-9.28		104	19		-27.15	2nd Reading; No Repair Needed; Good
W50R3	11/19/2014 8:43	52.7	34.7	0.2	12.4	-7.98		100	19		-26.63	No Change; No Repair Needed; Good
W50R3	12/5/2014 8:09	54.7	38.2	0	7.1	-4.99		103	16		-16.18	No Change; No Repair Needed; Good
W50R3	12/18/2014 8:13	56.4	38.7	0.1	4.8	-8.58		103	17		-20.72	No Change; No Repair Needed; Good
W50R3	1/8/2015 8:37	50.5	32.4	0.6	16.5	-11.65		97	32		-23.39	No Change; No Repair Needed; Good
W50R3	1/22/2015 8:04	52.6	32	0.3	15.1	-13.24		106	16		-25.9	No Change; No Repair Needed; Good
W50R3	2/3/2015 8:17	56.4	35.8	0.1	7.7	-13.72	-14.88	102	14	18	-27.1	Slightly Open; No Repair Needed; Good
W50R3	2/3/2015 8:18	56.3	38	0	5.7	-16.48		104	19		-26.89	2nd Reading; No Repair Needed; Good
W50R3	3/3/2015 8:32	57	39.8	0	3.2	-12.64	-13.33	105	14	17	-18	Slightly Open; No Repair Needed; Good
W50R3	3/3/2015 8:33	57.5	38.7	0	3.8	-13.89		107	15		-18.17	2nd Reading; No Repair Needed; Good
W50R3	3/18/2015 8:02	58	39	0.2	2.8	-16.18	-17.13	104	15	18	-19.29	Slightly Open; No Repair Needed; Good
W50R3	3/18/2015 8:03	58	39.2	0.2	2.6	-17.21		105	13		-18.99	2nd Reading; No Repair Needed; Good
W50R3	4/2/2015 8:13	46.7	32.9	1.6	18.8	-21.05	-18.51	109	13	0	-23.48	Slightly Closed; No Repair Needed; Good
W50R3	4/2/2015 8:14	46.5	33.2	1.5	18.8	-17.86		108	0		-24.56	2nd Reading; No Repair Needed; Good
W50R3	4/17/2015 10:27	57.3	35.8	0.2	6.7	-15.44		109	13		-20.33	No Change; No Repair Needed; Good
W50R3	5/5/2015 8:40	55.7	34.4	0.2	9.7	-21.14		110	11		-27.36	No Change; No Repair Needed; Good
W50R3	5/20/2015 9:54	52.3	38.4	0.1	9.2	-20.97		110	14		-26.33	No Change; No Repair Needed; Good
W50R3	6/1/2015 9:56	50.7	37.6	0.1	11.6	-16.44		108	10		-20.89	No Change; No Repair Needed; Good
W50R3	6/16/2015 9:54	52.4	36.1	0	11.5	-17.9		112	12		-22.01	No Change; No Repair Needed; Good
W50R3	7/2/2015 8:38	52.2	36.7	0	11.1	-20.75		112	15		-26.59	No Change; No Repair Needed; Good
W50R3	7/27/2015 10:31	52.1	36.6	0	11.3	-15.7		114	13		-19.38	No Change; No Repair Needed; Good
W50R3	8/5/2015 10:09	45	32.8	0.1	22.1	-24.85	-23.21	116	12	14	-30.47	Slightly Closed; No Repair Needed; Good
W50R3	8/5/2015 10:10	44.7	34.7	0.1	20.5	-21.79		116	10		-31.72	2nd Reading; No Repair Needed; Good
W50R3	8/20/2015 10:11	50.8	33.8	0.1	15.3	-15.36		112	13		-21.84	No Change; No Repair Needed; Good
W50R3	9/4/2015 8:46	45.8	35.7	0.2	18.3	-21.01	-18.94	119	15	12	-31.55	Slightly Closed; No Repair Needed; Good
W50R3	9/4/2015 8:47	46	35.7	0.1	18.2	-17.21		118	10		-30.21	2nd Reading; No Repair Needed; Good
W50R3	9/17/2015 10:52	49.1	34.9	0.2	15.8	-16.48		118	13		-30.51	No Change; No Repair Needed; Good
W52R	9/10/2014 9:34	63.2	36.2	0	0.6	-26.96	-26.57	121	24	20	-27.36	No Change; Needs New Counter; Good; 77799
W52R	9/25/2014 8:14	62	37	0	1	-26.15	-26.15	121	22	21	-26.46	No Change; No Repair Needed; Good; 41141
W52R	10/9/2014 9:35	63.5	34.7	0	1.8	-26.23	-26.19	123	21	21	-26.28	No Change; No Repair Needed; Good; 56953

Green Valley Landfill

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
W52R	10/23/2014 8:28	61.3	33.4	0.2	5.1	-26.23		119	17		-26.72	No Change; No Repair Needed; Good; 59460
W52R	11/5/2014 8:22	61	35	0	4	-26.57		119	25		-26.72	No Change; No Repair Needed; Good; counter removed
W52R	11/19/2014 9:03	63.1	31.4	0	5.5	-26.27		117	18		-26.63	No Change; No Repair Needed; Good
W52R	12/5/2014 8:26	59.5	34.3	0	6.2	-16.13		117	12		-16.18	No Change; No Repair Needed; Good
W52R	12/18/2014 8:30	57.2	34	0	8.8	-20.06		116	17		-19.94	No Change; No Repair Needed; Good
W52R	1/8/2015 8:58	56.5	33.5	0.2	9.8	-23.47		115	13		-23.87	No Change; No Repair Needed; Good
W52R	1/22/2015 8:23	57.5	33.3	0.1	9.1	-25.15		117	17		-25.55	No Change; No Repair Needed; Good
W52R	2/3/2015 8:37	58.2	34.3	0	7.5	-26.53		116	17		-26.63	No Change; No Repair Needed; Good
W52R	3/3/2015 8:52	62.3	34	0	3.7	-18.03		114	12		-18.3	No Change; No Repair Needed; Good
W52R	3/18/2015 8:29	63.3	33.8	0.3	2.6	-17.9		115	10		-18.17	No Change; No Repair Needed; Good
W52R	4/2/2015 8:33	57.4	31.2	1.4	10	-22.35		116	0		-22.27	No Change; No Repair Needed; Good
W52R	4/17/2015 10:45	63.7	35.4	0	0.9	-20.45		116	16		-20.67	No Change; No Repair Needed; Good
W52R	5/5/2015 8:59	63.1	33.7	0	3.2	-26.27		117	19		-26.59	No Change; No Repair Needed; Good
W52R	5/20/2015 10:11	61.5	33.4	0	5.1	-26.49		117	19		-26.59	No Change; No Repair Needed; Good
W52R	6/1/2015 10:16	60.3	33.1	0	6.6	-26.14		116	17		-26.28	No Change; No Repair Needed; Good
W52R	6/16/2015 10:15	60.2	33.9	0	5.9	-21.35		117	17		-21.67	No Change; No Repair Needed; Good
W52R	7/2/2015 8:59	59.4	34.7	0	5.9	-21.66		115	18		-21.84	No Change; No Repair Needed; Good
W52R	7/27/2015 10:49	58.8	34.7	0	6.5	-19.28		116	17		-19.34	No Change; No Repair Needed; Good
W52R	8/5/2015 10:31	49.7	30.8	0	19.5	-30.03		117	23		-30.73	No Change; No Repair Needed; Good
W52R	8/20/2015 10:30	51.2	31.2	0	17.6	-22		116	14		-22.18	No Change; No Repair Needed; Good
W52R	9/4/2015 9:07	44.2	29.3	0.1	26.4	-27.57	-26.96	118	21	20	-27.79	Slightly Closed; No Repair Needed; Good
W52R	9/4/2015 9:08	43.8	29.5	0.1	26.6	-24.12		118	18		-28.14	2nd Reading; No Repair Needed; Good
W52R	9/17/2015 10:48	41.2	29.4	0.3	29.1	-19.24	-17.99	120	20	17	-30.9	Slightly Closed; No Repair Needed; Good
W52R	9/17/2015 10:49	41	28.2	0.3	30.5	-16.18		119	16		-30.56	2nd Reading; No Repair Needed; Good
W54R	9/10/2014 9:30	64.5	33.3	0.1	2.1	-1.3	-1.63	106	8	8	-26.63	Slightly Open; No Repair Needed; Good; 399765
W54R	9/10/2014 9:31	63.2	33.5	0.5	2.8	-2.61	-2.64	112	24	30	-26.63	2nd Reading; No Repair Needed; Good
W54R	9/25/2014 8:10	64.5	32.8	0.2	2.5	-0.93	-2.22	116	18	31	-26.63	Slightly Open; No Repair Needed; Good; 417826
W54R	9/25/2014 8:11	59.1	36	0.9	4	-3.88	-3.88	123	32	31	-26.42	2nd Reading; No Repair Needed; Good
W54R	10/9/2014 9:32	57.2	28.4	1.1	13.3	-10.66	-11.6	118	37	33	-26.63	Slightly Open; No Repair Needed; Good; 434139
W54R	10/9/2014 9:33	55.8	29.7	1.3	13.2	-12.55	-12.47	119	18	16	-26.93	2nd Reading; No Repair Needed; Good
W54R	10/23/2014 8:25	53.3	28.1	0.6	18	-13.59		116	14		-26.72	No Change; No Repair Needed; Good; 434160
W54R	11/5/2014 8:19	52.1	25	0.4	22.5	-11.91		114	18		-26.97	No Change; No Repair Needed; Good; 439011
W54R	11/19/2014 8:59	58.3	26	0.9	14.8	-9.97	-11.04	112	30	43	-27.02	Slightly Open; No Repair Needed; Good; 439011
W54R	11/19/2014 9:01	55.4	28.9	1.2	14.5	-13.55		115	42		-26.67	2nd Reading; No Repair Needed; Good
W54R	12/5/2014 8:23	57.5	29.7	0.8	12	-9.62		116	36		-16.23	No Change; No Repair Needed; Good; 472801
W54R	12/18/2014 8:28	57.1	30.8	0.6	11.5	-9.62		121	35		-20.37	No Change; No Repair Needed; Good
W54R	1/8/2015 8:55	52.3	21.6	1.2	24.9	-15.92		114	16		-24.17	No Change; No Repair Needed; Good; 493688
W54R	1/22/2015 8:20	52.9	23.3	0.9	22.9	-18.12		116	16		-25.85	No Change; No Repair Needed; Good; 495387
W54R	2/3/2015 8:34	55.1	23.7	0.2	21	-18.81		113	13		-26.54	No Change; No Repair Needed; Good; 497012
W54R	3/3/2015 8:49	63.9	26.2	0.2	9.7	-13.03	-13.68	110	12	17	-19.51	Slightly Open; No Repair Needed; Good; 510375
W54R	3/3/2015 8:49	62.8	27.3	0.1	9.8	-14.11		111	17		-19.46	2nd Reading; No Repair Needed; Good
W54R	3/18/2015 8:26	66	28	0.6	5.4	-14.58	-15.14	110	10	15	-18.3	Slightly Open; No Repair Needed; Good; 510375
W54R	3/18/2015 8:27	65.3	29.1	0.6	5	-15.62		111	24		-17.95	2nd Reading; No Repair Needed; Good
W54R	4/2/2015 8:31	53.7	24.6	1.5	20.2	-19.76		111	0		-23.13	No Change; Pump Maintenance Required; Good; 510382
W54R	4/17/2015 10:42	54.4	24.6	2.4	18.6	-16.48		116	29		-19.98	No Change; No Repair Needed; Good; 5993
W54R	5/5/2015 8:56	48.5	24.9	2.1	24.5	-21.7		112	50		-27.32	No Change; No Repair Needed; Good; 17160
W54R	5/20/2015 10:08	48.4	26.2	1.4	24	-19.93		115	25		-27.19	No Change; No Repair Needed; Good; 43275
W54R	6/1/2015 10:13	46.9	25.8	1.1	26.2	-18.9	-18.21	115	25	21	-26.63	Slightly Closed; No Repair Needed; Good; 43275
W54R	6/1/2015 10:14	47.6	24.4	1	27	-17.17		114	20		-26.97	2nd Reading; No Repair Needed; Good
W54R	6/16/2015 10:13	55.6	27.7	0	16.7	-12.38		115	15		-21.54	No Change; No Repair Needed; Good; 43275

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
W54R	7/2/2015 8:55	57.8	27.2	0	15	-10.27	-11.3	112	12	17	-18.08	Slightly Open; No Repair Needed; Good; 43275
W54R	7/2/2015 8:57	58.8	28.4	0	12.8	-11.99		113	19		-18.69	2nd Reading; No Repair Needed; Good
W54R	7/27/2015 10:46	60.6	28.7	0	10.7	-14.06		113	19		-19.68	No Change; No Repair Needed; Good; 43275
W54R	8/5/2015 10:29	53.6	25.3	0.2	20.9	-20.36		116	23		-31.42	No Change; No Repair Needed; Good; 43275
W54R	8/20/2015 10:28	52.2	26.9	0.3	20.6	-16.09		121	23		-26.59	No Change; No Repair Needed; Good; 58219
W54R	9/4/2015 9:03	48.7	25.1	0.3	25.9	-17.21		117	21		-28.01	No Change; No Repair Needed; Good; 69825
W54R	9/17/2015 11:09	52.7	25.4	0.4	21.5	-15.75		119	23		-31.07	No Change; No Repair Needed; Good; 69828
W59R	9/10/2014 9:19	63	36.2	0	0.8	-25.88	-25.88	116	12	12	-26.8	No Change; No Repair Needed; Good; 9504
W59R	9/25/2014 8:00	53.4	38.1	1	7.5	-19.04	-19	102	10	6	-26.63	No Change; No Repair Needed; Good; 28473
W59R	10/9/2014 9:21	62.7	37	0	0.3	-18.55	-21.44	108	10	11	-26.97	Slightly Open; Pump Maintenance Required; Good; 38166
W59R	10/9/2014 9:21	64	36	0	0	-25.11	-25.11	110	13	13	-26.97	2nd Reading; No Repair Needed; Good
W59R	10/23/2014 8:15	62.5	37.3	0	0.2	-22.43	-24.16	111	10	14	-27.02	Slightly Open; No Repair Needed; Good; 43285
W59R	10/23/2014 8:16	63.1	36.9	0	0	-25.88		113	23		-26.72	2nd Reading; No Repair Needed; Good
W59R	11/5/2014 8:07	57.7	36.1	0	6.2	-26.57		106	11		-26.8	No Change; No Repair Needed; Good; 70268
W59R	11/19/2014 8:45	57.5	38.1	0.3	4.1	-26.57		111	10		-27.71	No Change; No Repair Needed; Good; 82795
W59R	12/5/2014 8:12	56.9	32.6	0.1	10.4	-14.15		107	26		-16.23	No Change; Pump Maintenance Required; Good; 110762
W59R	12/18/2014 8:15	57.9	39.4	0.5	2.2	-17.77		100	5		-19.68	No Change; Pump Maintenance Required; Good; 116803
W59R	1/8/2015 8:40	56.5	35.6	0.5	7.4	-21.31		88	7		-24.21	No Change; No Repair Needed; Good; 119570
W59R	1/22/2015 8:08	57.2	32.9	0.4	9.5	-23.47		104	29		-26.24	No Change; No Repair Needed; Good; 120409
W59R	2/3/2015 8:20	57.6	38.6	0.3	3.5	-24.5		86	29		-26.28	No Change; Pump Maintenance Required; Good; 121339
W59R	3/3/2015 8:35	57.6	38.1	0.4	3.9	-16.31		91	32		-17.61	No Change; No Repair Needed; Good; 121572
W59R	3/18/2015 8:05	57.5	38.5	1	3	-18.85		91	32		-20.37	No Change; No Repair Needed; Good; 122008
W59R	4/2/2015 8:18	55.1	30.4	2.8	11.7	-20.71		100	0		-23.52	No Change; No Repair Needed; Good; 122601
W59R	4/17/2015 10:29	57.1	35.7	1.3	5.9	-17.47		105	10		-20.8	No Change; No Repair Needed; Good; 123412
W59R	5/5/2015 8:42	55.6	36.8	1.4	6.2	-22.52		107	11		-27.32	No Change; No Repair Needed; Good; 125570
W59R	5/20/2015 9:57	57.1	37.1	1.2	4.6	-22.82		105	9		-26.63	No Change; No Repair Needed; Good; 127113
W59R	6/1/2015 9:59	62.6	35.6	0.6	1.2	-20.62		103	10		-25.33	No Change; No Repair Needed; Good; 127113
W59R	6/16/2015 9:57	60.7	33.9	0.7	4.7	-21.18		109	11		-22.44	No Change; No Repair Needed; Good; 130646
W59R	7/2/2015 8:41	61.8	34.3	1.2	2.7	-18.21		106	0		-18.69	No Change; Pump Maintenance Required; Good; 132057
W59R	7/27/2015 10:34	62.8	33.3	0.5	3.4	-18.21		107	12		-19.34	No Change; No Repair Needed; Good; 135990
W59R	8/5/2015 10:12	56.6	35.4	0.5	7.5	-28.73		110	14		-30.47	No Change; No Repair Needed; Good; 143052
W59R	8/20/2015 10:14	56.8	32.2	0.5	10.5	-20.45		107	28		-21.41	No Change; No Repair Needed; Good; 143970
W59R	9/4/2015 8:50	61.8	34.8	0.2	3.2	-29.03		114	11		-30.34	No Change; No Repair Needed; Good; 143970
W59R	9/17/2015 10:55	57.9	34.2	0.2	7.7	-28.6		120	17		-30.51	No Change; No Repair Needed; Good; 150192
W60R	9/10/2014 9:22	50.4	35.8	0.1	13.7	-15.1	-15.14	93	10	11	-26.76	No Change; No Repair Needed; Good
W60R	9/25/2014 8:02	48.1	34	0.1	17.8	-14.43	-14.17	87	10	7	-26.59	No Change; No Repair Needed; Good
W60R	10/9/2014 9:23	47.9	33.1	0.1	18.9	-13.37	-13.24	86	13	11	-26.28	Slightly Closed; No Repair Needed; Good
W60R	10/9/2014 9:24	47.8	33.7	0	18.5	-12.21	-12.17	85	11	12	-26.63	2nd Reading; No Repair Needed; Good
W60R	10/23/2014 8:17	48.8	34.2	0.1	16.9	-10.66		77	8		-26.37	No Change; No Repair Needed; Good
W60R	11/5/2014 8:09	46.3	31.3	0	22.4	-10.61	-10.31	75	15	11	-26.8	Slightly Closed; No Repair Needed; Good
W60R	11/5/2014 8:10	45.5	32.6	0	21.9	-8.93		75	16		-26.97	2nd Reading; No Repair Needed; Good
W60R	11/19/2014 8:50	54.5	34	0.3	11.2	-6.6		51	0		-26.59	No Change; No Repair Needed; Good
W60R	12/5/2014 8:14	56.9	35.4	0	7.7	-4.21		59	10		-16.06	No Change; No Repair Needed; Good
W60R	12/18/2014 8:17	57.5	34.7	0	7.8	-5.13	-5.52	48	9	6	-20.46	Slightly Open; No Repair Needed; Good
W60R	12/18/2014 8:18	57.5	36.1	0	6.4	-7.94		50	11		-20.37	2nd Reading; No Repair Needed; Good
W60R	1/8/2015 8:43	39.1	29.5	0.8	30.6	-8.58	-7.55	43	0	0	-23.18	Slightly Closed; No Repair Needed; Fair
W60R	1/8/2015 8:44	38.4	28.9	0.8	31.9	-4.57		41	0		-23.48	2nd Reading; No Repair Needed; Fair
W60R	1/22/2015 8:10	60.5	35.7	0	3.8	-2.6	-3.2	47	9	7	-26.46	Slightly Open; No Repair Needed; Good
W60R	1/22/2015 8:11	61.2	37.1	0	1.7	-5.09		46	10		-26.89	2nd Reading; No Repair Needed; Good
W60R	2/3/2015 8:22	43.4	32	0.4	24.2	-6.17	-5.82	42	4	3	-27.32	Slightly Closed; No Repair Needed; Good

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
W60R	2/3/2015 8:23	43.4	31.6	0.4	24.6	-4.51		42	7		-25.59	2nd Reading; No Repair Needed; Good
W60R	3/3/2015 8:37	50.6	32.9	0	16.5	-2.78		42	4		-17.95	No Change; No Repair Needed; Good
W60R	3/18/2015 8:12	3.5	1.8	20.3	74.4	3.94	-0.1	41	2	6	-19.25	Slightly Open; No Repair Needed; Fair
W60R	3/18/2015 8:13	4.8	2	19.8	73.4	-2.9		43	6		-19.46	2nd Reading; Pump Maintenance Required; Fair
W60R	3/18/2015 11:47	37.2	24.2	0.5	38.1	-6.95		53	0		-18.43	No Change; Pump Maintenance Required; Fair
W60R	4/2/2015 8:20	36	26.6	1.1	36.3	-7.55	-7.51	61	0	0	-23.56	Slightly Closed; No Repair Needed; Fair
W60R	4/2/2015 8:21	36.4	27.8	1	34.8	-5.48		60	0		-23.22	2nd Reading; No Repair Needed; Fair
W60R	4/17/2015 10:31	52.1	30.9	0.3	16.7	-3.5		73	7		-20.2	No Change; No Repair Needed; Good
W60R	5/5/2015 8:45	30.8	24.1	7	38.1	-6.51	-3.45	74	5	8	-26.37	Slightly Closed; No Repair Needed; Fair
W60R	5/5/2015 8:46	30.5	23	7.2	39.3	-1.33		74	7		-27.28	2nd Reading; No Repair Needed; Fair
W60R	5/5/2015 13:29	53.7	30.8	1.9	13.6	-1.5		89	9		-27.36	No Change; No Repair Needed; Good
W60R	5/20/2015 9:58	55.2	31.6	1.2	12	-0.68		78	10		-26.59	No Change; No Repair Needed; Good
W60R	6/1/2015 10:01	59.3	35.4	0.6	4.7	1.34	-0.4	77	8	10	-26.63	Slightly Open; No Repair Needed; Good
W60R	6/1/2015 10:02	58.6	38	0.5	2.9	-1.21		81	10		-26.28	2nd Reading; No Repair Needed; Good
W60R	6/16/2015 9:59	61.8	35.9	0	2.3	-1.2	-1.35	98	7	8	-22.05	Slightly Open; No Repair Needed; Good
W60R	6/16/2015 10:00	61.8	36.5	0	1.7	-1.73		99	10		-22.23	2nd Reading; No Repair Needed; Good
W60R	7/2/2015 8:43	61.9	34.2	0	3.9	-0.96	-1.12	93	6	9	-18.64	Slightly Open; No Repair Needed; Good
W60R	7/2/2015 8:44	63.3	36.3	0	0.4	-1.88		95	9		-18.64	2nd Reading; No Repair Needed; Good
W60R	7/27/2015 10:36	53	31.6	0.1	15.3	-4.49		90	11		-19.12	No Change; No Repair Needed; Good
W60R	8/5/2015 10:14	45.2	28.3	0.1	26.4	-6.26	-5.91	94	13	11	-30.51	Slightly Closed; No Repair Needed; Good
W60R	8/5/2015 10:15	45	29.5	0.1	25.4	-4.32		94	13		-30.73	2nd Reading; No Repair Needed; Good
W60R	8/20/2015 10:16	57.8	32	0.6	9.6	-2.49	-2.73	87	4	6	-20.85	Slightly Open; No Repair Needed; Good
W60R	8/20/2015 10:17	57.6	32.1	0.6	9.7	-1.97		88	6		-21.19	2nd Reading; No Repair Needed; Good
W60R	9/4/2015 8:52	55.6	31.4	0.2	12.8	-2.67		90	10		-30.82	No Change; No Repair Needed; Good
W60R	9/17/2015 10:57	56.9	31.3	0.2	11.6	-2.28	-2.62	89	18	14	-30.56	Slightly Open; No Repair Needed; Good
W60R	9/17/2015 10:58	57.1	33	0.2	9.7	-3.73		89	14		-30.86	2nd Reading; No Repair Needed; Good
W63R	9/10/2014 9:08	60.8	34	0.3	4.9	-26.92	-27.14	84	7	6	-26.63	No Change; No Repair Needed; Fair; needs pump
W63R	9/25/2014 7:34	12.6	20.6	15.5	51.3	-26.84	-24.08	67	0	4	-26.68	Slightly Closed; No Repair Needed; Fair; pinched
W63R	9/25/2014 7:35	11.9	10.2	17.2	60.7	-9.61	-9.35	63	7	6	-25.99	2nd Reading; No Repair Needed; Fair
W63R	10/9/2014 8:56	38	24.1	7.9	30	-15.62	-15.57	63	11	13	-15.58	Slightly Closed; No Repair Needed; Fair
W63R	10/9/2014 8:57	39	23.7	7.6	29.7	-15.62	-15.57	59	10	8	-15.54	2nd Reading; No Repair Needed; Fair
W63R	10/23/2014 7:50	33.4	25.2	9	32.4	10.44	-7.55	57	0	0	-24.17	Slightly Open; No Repair Needed; Fair
W63R	10/23/2014 7:51	35.4	23.2	8.6	32.8	-25.84		51	7		-25.68	2nd Reading; No Repair Needed; Fair
W63R	11/5/2014 7:36	18.5	26.7	13.7	41.1	-26.88	-24.46	63	14	7	-26.63	Slightly Closed; No Repair Needed; Fair
W63R	11/5/2014 7:37	14.5	11.1	16.2	58.2	-15.49		56	10		-26.63	2nd Reading; No Repair Needed; Fair
W63R	11/19/2014 8:14	61.5	37.7	0	0.8	2.63	-4.32	30	0	0	-27.02	Slightly Open; No Repair Needed; Fair
W63R	11/19/2014 8:15	62	37.3	0	0.7	-12.21		26	16		-26.97	2nd Reading; No Repair Needed; Fair
W63R	12/5/2014 7:43	10.6	11.4	16.9	61.1	-1.97	-1.8	50	16	5	-16.88	Slightly Closed; No Repair Needed; Fair
W63R	12/5/2014 7:44	10.6	7.4	17.6	64.4	-1.1		46	10		-16.57	2nd Reading; No Repair Needed; Fair
W63R	12/18/2014 7:52	10.7	9	17.6	62.7	0.2	-0.26	33	0	0	-20.03	Slightly Open; No Repair Needed; Fair
W63R	12/18/2014 7:53	10.8	7.1	18	64.1	-0.19		29	0		-19.77	2nd Reading; No Repair Needed; Fair
W63R	1/8/2015 8:03	7.3	16.9	17.5	58.3	-1.45	-1.34	16	7	12	-24.08	Slightly Closed; No Repair Needed; Fair
W63R	1/8/2015 8:04	5.7	8	19	67.3	-1.15		11	9		-25.12	2nd Reading; No Repair Needed; Fair
W63R	1/22/2015 7:44	7.1	11.5	18.3	63.1	-1.75	-1.73	49	7	7	-28.61	Slightly Closed; No Repair Needed; Fair
W63R	1/22/2015 7:44	5.4	5.7	19.7	69.2	-1.72		42	0		-27.97	2nd Reading; No Repair Needed; Fair
W63R	2/3/2015 7:52	6	15.8	17.9	60.3	-1.53	-1.54	39	0	0	-27.28	No Change; No Repair Needed; Fair; valve barely cracked
W63R	2/3/2015 7:52	5.1	8.8	19.1	67	-1.54		34	0		-26.93	2nd Reading; No Repair Needed; Fair
W63R	2/17/2015 10:33	6.2	6.8	18.9	68.1	-1.09	-0.52	34	4	0	-15.15	Slightly Closed; No Repair Needed; Fair
W63R	2/17/2015 10:34	6.2	4.9	19.3	69.6	-0.17		34	4		-14.2	2nd Reading; No Repair Needed; Fair
W63R	3/3/2015 8:06	14.2	12.3	14.9	58.6	-0.56	-0.53	42	0	0	-18.64	Slightly Closed; No Repair Needed; Fair

Green Valley Landfill
Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
W63R	3/3/2015 8:07	14.7	11	15.2	59.1	-0.54		35	0		-19.68	2nd Reading; No Repair Needed; Fair
W63R	3/18/2015 7:37	14.6	16.8	15.4	53.2	-0.25	-0.01	39	5	0	-17.48	Slightly Closed; No Repair Needed; Fair
W63R	3/18/2015 7:37	14.4	10.1	16.1	59.4	-0.1		33	1		-17.91	2nd Reading; No Repair Needed; Fair
W63R	4/2/2015 7:44	14.5	14.3	15.9	55.3	-0.28	-0.29	66	7	6	-22.18	Slightly Closed; No Repair Needed; Fair
W63R	4/2/2015 7:45	14.2	8.1	16.5	61.2	-0.32		59	7		-22.18	2nd Reading; No Repair Needed; Fair
W63R	4/14/2015 10:12	22.6	17.4	12.9	47.1	-0.12	-0.11	58	0	0	-12.9	Slightly Closed; No Repair Needed; Fair
W63R	4/14/2015 10:12	23	14.2	13.2	49.6	-0.08		58	0		-12.82	2nd Reading; No Repair Needed; Fair
W63R	5/5/2015 8:05	12	13.3	16.2	58.5	-0.27	-0.24	77	0	0	-26.97	Slightly Closed; No Repair Needed; Fair
W63R	5/5/2015 8:06	12.4	8.1	16.9	62.6	-0.25		72	0		-26.67	2nd Reading; No Repair Needed; Fair
W63R2	5/20/2015 9:17	59.9	36.1	0.9	3.1	-0.28	-0.55	75	12	6	-26.63	Slightly Open; No Repair Needed; Good
W63R2	5/20/2015 9:18	59.4	35.5	1.1	4	-0.23		75	21		-26.28	2nd Reading; No Repair Needed; Good
W63R2	6/1/2015 9:19	60.5	36.7	0.8	2	-25.5	-21.66	77	3	10	-26.67	Slightly Closed; No Repair Needed; Good
W63R2	6/1/2015 9:20	61.1	36.3	0.5	2.1	-17.52		76	9		-26.63	2nd Reading; No Repair Needed; Good
W63R2	6/16/2015 9:17	61.3	38.6	0	0.1	1.17	-0.45	95	13	11	-21.92	Slightly Open; No Repair Needed; Good
W63R2	6/16/2015 9:18	61.5	38.5	0	0	-0.65		95	12		-22.18	2nd Reading; No Repair Needed; Good
W63R2	7/2/2015 7:59	61.1	38.9	0	0	0.85	-1.02	91	11	12	-19.55	Slightly Open; No Repair Needed; Good
W63R2	7/2/2015 8:00	61.3	38.7	0	0	-1.72		90	14		-19.64	2nd Reading; No Repair Needed; Good
W63R2	7/27/2015 9:35	61.2	38.5	0	0.3	-4.12	-4.28	95	13	13	-19.29	Slightly Open; No Repair Needed; Good
W63R2	7/27/2015 9:36	61.6	38.4	0	0	-6.82		94	14		-19.38	2nd Reading; No Repair Needed; Good
W63R2	8/5/2015 9:33	59.6	38.6	0.1	1.7	-17.6	-18.94	98	10	14	-30.69	Slightly Open; No Repair Needed; Good
W63R2	8/5/2015 9:34	60.3	38.5	0.1	1.1	-22.86		98	15		-29.78	2nd Reading; No Repair Needed; Good
W63R2	8/20/2015 9:37	59.8	38	0.3	1.9	-23.38	-24.42	96	10	14	-30.38	Slightly Open; No Repair Needed; Good
W63R2	8/20/2015 9:38	60.3	38.3	0.2	1.2	-23.47		96	16		-25.21	2nd Reading; No Repair Needed; Good
W63R2	9/4/2015 7:47	57.8	39.1	0	3.1	-27.96		99	18		-31.16	No Change; No Repair Needed; Good
W63R2	9/17/2015 9:52	60.8	39.2	0	0	-27.91		94	11		-30.47	No Change; No Repair Needed; Good
W64R2	9/10/2014 9:09	59.3	39.2	0	1.5	-25.93	-26.23	109	15	19	-26.59	No Change; No Repair Needed; Good
W64R2	9/25/2014 7:31	58.1	40.3	0	1.6	-3.06	-4.69	118	24	27	-26.93	Slightly Open; No Repair Needed; Good; 66206
W64R2	9/25/2014 7:32	58.1	41.6	0	0.3	-7.24	-7.2	119	34	31	-26.42	2nd Reading; No Repair Needed; Good
W64R2	10/9/2014 8:53	60.2	38.6	0.2	1	-6.47	-9.92	119	41	34	-15.67	Slightly Open; No Repair Needed; Good; 154317
W64R2	10/9/2014 8:54	59.9	39.8	0	0.3	-11.95	-12.12	119	28	29	-15.58	2nd Reading; No Repair Needed; Good
W64R2	10/23/2014 7:47	58.8	41.2	0	0	-13.76	-15.83	118	23	30	-17.52	Slightly Open; No Repair Needed; Good; 259513
W64R2	10/23/2014 7:48	59.2	40.8	0	0	-19.97		119	29		-21.58	2nd Reading; No Repair Needed; Good
W64R2	11/5/2014 7:34	58.8	39.1	0.1	2	-25.84		118	22		-26.59	No Change; No Repair Needed; Good; 363193
W64R2	11/19/2014 8:12	57.4	37.1	0.1	5.4	-25.93		112	31		-26.33	No Change; No Repair Needed; Good; 370037
W64R2	12/5/2014 7:41	57.3	37.2	0.3	5.2	-16.48		113	36		-16.79	No Change; Pump Maintenance Required; Good; 547258
W64R2	12/18/2014 7:49	57.5	41.4	0	1.1	-19.28		113	43		-19.68	No Change; No Repair Needed; Good; 816335
W64R2	1/8/2015 8:01	56	38.9	0.4	4.7	-23.12		105	9		-23.22	No Change; Pump Maintenance Required; Good; 972766
W64R2	1/22/2015 7:42	59.4	38.9	0.4	1.3	-28.9		112	34		-29	No Change; Pump Maintenance Required; Fair; 13323
W64R2	2/3/2015 7:50	57.4	40.8	0.1	1.7	-27.52		110	29		-27.62	No Change; Pump Maintenance Required; Good; 65622
W64R2	3/3/2015 8:04	57.8	34.5	0.8	6.9	-18.55		110	29		-18.99	No Change; No Repair Needed; Good; 300307
W64R2	3/18/2015 7:34	58.9	38.7	0.3	2.1	-17.52		109	14		-17.52	No Change; Pump Maintenance Required; Fair; 300801
W64R2	4/2/2015 7:43	54.7	33.2	1.9	10.2	-21.66		112	15		-21.84	No Change; No Repair Needed; Good; 300866
W64R2	4/17/2015 9:40	58.9	37.6	0.5	3	-21.4		120	21		-22.31	No Change; No Repair Needed; Good; 313659
W64R2	5/5/2015 8:03	59.1	37	0.6	3.3	-26.23		121	21		-26.93	No Change; No Repair Needed; Good; 348333
W64R2	5/20/2015 9:15	60.1	38	0.2	1.7	-25.84		116	27		-26.11	No Change; No Repair Needed; Good; 366641
W64R2	6/1/2015 9:17	56.9	32.6	0.5	10	-26.49		112	15		-26.67	No Change; No Repair Needed; Good; 367121
W64R2	6/16/2015 9:14	57.2	37.7	0.4	4.7	-21.92		122	16		-21.88	No Change; No Repair Needed; Good; 398934
W64R2	7/2/2015 7:57	57.6	39.9	0.6	1.9	-18.9		120	16		-18.99	No Change; No Repair Needed; Good; 425707
W64R2	7/27/2015 9:33	58.2	39.4	0.5	1.9	-19.24		121	17		-19.85	No Change; No Repair Needed; Good; 472746
W64R2	8/5/2015 9:31	57.1	39	0.4	3.5	-29.68		122	16		-30.73	No Change; No Repair Needed; Good; 486374

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
W64R2	8/20/2015 9:35	56.8	36.4	0.8	6	-29.64		122	17		-30.13	No Change; No Repair Needed; Good
W64R2	9/4/2015 7:46	58.6	38.8	0.4	2.2	-29.98		124	35		-30.17	No Change; No Repair Needed; Good; 526754
W64R2	9/17/2015 9:50	57.7	40.4	0.2	1.7	-29.98		127	17		-30.73	No Change; No Repair Needed; Good; 542945
W65R2	9/10/2014 9:12	57.5	40.1	0	2.4	0.37	-1.01	82	6	11	-26.59	Slightly Open; No Repair Needed; Good
W65R2	9/10/2014 9:12	57.7	42.1	0.2	0	-0.77	-0.75	84	6	5	-26.63	2nd Reading; No Repair Needed; Good
W65R2	9/25/2014 7:29	49.7	36.8	2.5	11	-0.02	-0.03	59	6	5	-27.02	No Change; No Repair Needed; Good
W65R2	10/9/2014 8:49	2.7	7.8	19.7	69.8	-6.51	-6.51	56	3	0	-16.57	Slightly Closed; No Repair Needed; Fair; camera investigation required
W65R2	10/9/2014 8:50	2.8	2.8	20.6	73.8	-6.51	-6.51	55	7	2	-16.27	2nd Reading; No Repair Needed; Fair
W65R2	10/23/2014 7:44	59.3	39.5	0	1.2	4.13	-0.36	50	8	0	-15.32	Slightly Open; No Repair Needed; Good
W65R2	10/23/2014 7:45	58.7	41.3	0	0	-7.89		47	4		-15.28	2nd Reading; No Repair Needed; Good
W65R2	11/5/2014 7:31	12.2	20.9	15.2	51.7	-24.46	-23.43	55	12	3	-26.59	Slightly Closed; No Repair Needed; Fair
W65R2	11/5/2014 7:31	18.5	13.2	14.4	53.9	-21.35		53	9		-26.97	2nd Reading; No Repair Needed; Fair
W65R2	11/19/2014 8:08	59.8	38.8	0	1.4	9.88	-2.53	22	6	15	-26.63	Slightly Open; No Repair Needed; Fair
W65R2	11/19/2014 8:09	59.4	39.3	0	1.3	-15.88		22	15		-26.67	2nd Reading; No Repair Needed; Fair
W65R2	12/5/2014 7:37	9.6	13.5	17.3	59.6	-16.05	-15.57	42	0	0	-15.93	Slightly Closed; No Repair Needed; Fair
W65R2	12/5/2014 7:38	4.7	6.5	19.1	69.7	-14.75		41	4		-16.23	2nd Reading; No Repair Needed; Fair
W65R2	12/18/2014 7:47	57.9	39.3	0	2.8	-0.34		29	7		-19.77	No Change; No Repair Needed; Good
W65R2	1/8/2015 7:59	59.5	38.3	0	2.2	11.13	-3.66	2	13	7	-23.22	Slightly Open; No Repair Needed; Good
W65R2	1/8/2015 7:59	59.4	39.4	0	1.2	-10.31		2	18		-23.82	2nd Reading; No Repair Needed; Good
W65R2	1/22/2015 7:38	9.5	11.6	17.6	61.3	-26.49	-25.84	34	6	2	-29.09	Slightly Closed; No Repair Needed; Fair
W65R2	1/22/2015 7:39	13.9	9.8	16.4	59.9	-24.07		32	4		-29.35	2nd Reading; No Repair Needed; Fair
W65R2	2/3/2015 7:46	60.5	38.6	0	0.9	3.29	-0.13	24	0	0	-27.67	Slightly Open; No Repair Needed; Fair
W65R2	2/3/2015 7:48	59.2	40.8	0	0	-7.16		22	0		-26.93	2nd Reading; No Repair Needed; Fair
W65R2	3/3/2015 8:00	39.8	25	6.9	28.3	-0.94	-0.87	32	10	7	-19.21	Slightly Closed; No Repair Needed; Fair
W65R2	3/3/2015 8:01	43.8	28.8	4.8	22.6	-0.36		30	10		-18.99	2nd Reading; No Repair Needed; Good
W65R2	3/18/2015 7:31	61.4	37.3	0	1.3	1.96	-0.99	30	4	4	-18.17	Slightly Open; No Repair Needed; Good
W65R2	3/18/2015 7:32	60.7	38.7	0	0.6	-3.95		30	14		-17.26	2nd Reading; No Repair Needed; Fair
W65R2	4/2/2015 7:39	18.9	13.8	14.6	52.7	-8.58	-8.24	56	0	0	-22.01	Slightly Closed; No Repair Needed; Fair
W65R2	4/2/2015 7:40	26.4	17.8	11.3	44.5	-6.82		55	0		-22.18	2nd Reading; No Repair Needed; Fair
W65R2	4/2/2015 10:46	46.8	29.3	4.4	19.5	-0.08		68	2		-23.26	No Change; No Repair Needed; Fair
W65R2	4/17/2015 9:37	26.2	17.6	11.6	44.6	-3.14	-2.9	76	4	1	-22.4	Slightly Closed; No Repair Needed; Fair
W65R2	4/17/2015 9:38	26.5	18.1	11.4	44	-2.28		77	4		-22.62	2nd Reading; No Repair Needed; Fair
W65R2	4/17/2015 13:36	49.9	34	3.3	12.8	-2.11		83	0		-19.59	No Change; No Repair Needed; Good
W65R2	5/5/2015 7:59	20.5	22.5	12.4	44.6	-24.55	-23.86	68	3	2	-27.62	Slightly Closed; No Repair Needed; Fair
W65R2	5/5/2015 8:00	25.2	18.6	12.4	43.8	-21.35		67	2		-27.49	2nd Reading; No Repair Needed; Fair
W65R2	5/20/2015 9:12	18.5	22.8	7.1	51.6	-0.5	-0.45	68	2	1	-26.54	Slightly Closed; No Repair Needed; Fair
W65R2	5/20/2015 9:12	18.3	22.3	7.2	52.2	-0.89		69	0		-26.59	2nd Reading; No Repair Needed; Fair
W65R2	6/1/2015 9:14	11.3	21.9	6.6	60.2	-0.71	-0.68	62	0	0	-26.63	Slightly Closed; No Repair Needed; Fair
W65R2	6/1/2015 9:15	10.3	20.2	7.8	61.7	-1.55		61	2		-26.46	2nd Reading; No Repair Needed; Fair
W65R2	6/16/2015 9:11	8.3	21.3	7.7	62.7	-0.87	-0.87	84	3	4	-22.1	No Change; No Repair Needed; Fair; valve barely cracked
W65R2	6/16/2015 9:12	7.4	19.5	8.7	64.4	-1.29		85	6		-21.75	2nd Reading; No Repair Needed; Fair
W65R2	7/2/2015 7:54	6.1	22.5	6.5	64.9	-0.85	-0.84	72	5	2	-20.16	Slightly Closed; No Repair Needed; Fair
W65R2	7/2/2015 7:55	5.4	21.3	7.3	66	-1.44		71	4		-19.68	2nd Reading; No Repair Needed; Fair
W65R2	7/15/2015 9:34	2.3	8.1	14.3	75.3	-1.13	-1.13	75	3	1	-26.63	Slightly Closed; No Repair Needed; Fair; pinched
W65R2	7/15/2015 9:35	2.1	8	14.4	75.5	-1.67		74	6		-26.67	2nd Reading; No Repair Needed; Fair; pinched
W65R2	7/27/2015 9:29	4.5	21	6.8	67.7	-0.56	-0.55	80	6	7	-19.38	Slightly Closed; No Repair Needed; Fair; pinched
W65R2	7/27/2015 9:30	4	20.8	7	68.2	-1.03		79	8		-18.99	2nd Reading; No Repair Needed; Fair; pinched
W65R2	8/5/2015 9:28	4.1	21.2	7.5	67.2	-0.29	-0.29	89	0	0	-30.04	No Change; No Repair Needed; Fair; valve barely cracked
W65R2	8/5/2015 9:29	3.3	20.7	7.6	68.4	-0.74		91	0		-30.73	2nd Reading; No Repair Needed; Fair
W65R2	8/20/2015 9:32	1.7	10.8	14.1	73.4	-1.24	-1.23	78	3	2	-30.86	No Change; No Repair Needed; Fair; valve barely cracked

Green Valley Landfill
Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
W65R2	8/20/2015 9:33	1.4	9.9	14.2	74.5	-1.6		78	4		-30.38	2nd Reading; No Repair Needed; Fair
W65R2	9/4/2015 7:42	1.9	12.3	13.1	72.7	-0.86	-0.84	73	0	0	-30.51	Slightly Closed; No Repair Needed; Fair
W65R2	9/4/2015 7:43	1.3	11.5	13	74.2	-1.29		72	4		-30.21	2nd Reading; No Repair Needed; Fair
W65R2	9/17/2015 9:47	57.1	38.9	0	4	-2.22		88	6		-30.99	No Change; No Repair Needed; Good
Y01	9/10/2014 12:40	57.1	37.1	0	5.8	-14.67	-15.36	105	19	21	-24.26	Slightly Open; No Repair Needed; Good
Y01	9/10/2014 12:41	58.7	36.6	0	4.7	-16.65	-16.39	106	23	25	-23.31	2nd Reading; No Repair Needed; Good
Y01	9/25/2014 11:20	52.1	37.5	0	10.4	-17.92	-17.66	105	24	21	-25.48	No Change; No Repair Needed; Good
Y01	10/9/2014 12:39	55	37.1	0	7.9	-17.95	-18.64	105	23	33	-25.21	Slightly Open; No Repair Needed; Good
Y01	10/9/2014 12:40	55.4	37.1	0	7.5	-19.28	-19.33	106	29	27	-24.26	2nd Reading; No Repair Needed; Good
Y01	10/23/2014 11:56	50.3	37	0	12.7	-20.36		106	27		-25.25	No Change; No Repair Needed; Good
Y01	11/5/2014 12:33	47.7	35	0	17.3	-20.36	-19.93	105	21	20	-23.48	Slightly Closed; No Repair Needed; Good
Y01	11/5/2014 12:34	46.8	34.4	0	18.8	-19.24		105	24		-27.62	2nd Reading; No Repair Needed; Good
Y01	11/19/2014 12:17	53.7	36.1	0	10.2	-8.89		101	10		-11.39	No Change; No Repair Needed; Good
Y01	12/5/2014 11:47	58.9	35.3	0	5.8	-13.24	-13.63	103	17	22	-18	Slightly Open; No Repair Needed; Good
Y01	12/5/2014 11:48	61.5	36.2	0	2.3	-14.41		104	21		-17.61	2nd Reading; No Repair Needed; Good
Y01	12/18/2014 11:42	59.1	36.3	0	4.6	-17.08		103	5		-19.34	No Change; No Repair Needed; Good
Y01	1/22/2015 12:22	44.6	33.9	0	21.5	-19.63	-18.59	101	16	12	-22.53	Slightly Closed; No Repair Needed; Good
Y01	1/22/2015 12:23	40.7	33.7	0	25.6	-17.17		99	12		-22.1	2nd Reading; No Repair Needed; Good
Y01	2/3/2015 12:37	44.5	34.6	0	20.9	-14.5	-14.11	98	12	10	-24.86	Slightly Closed; No Repair Needed; Good
Y01	2/3/2015 12:37	44.4	33.5	0	22.1	-13.59		97	11		-24.9	2nd Reading; No Repair Needed; Good
Y01	3/3/2015 12:09	59.8	35.6	0	4.6	-6.56	-7.25	92	0	0	-13.81	Slightly Open; No Repair Needed; Good
Y01	3/3/2015 12:09	60.1	35.6	0	4.3	-7.55		94	0		-13.47	2nd Reading; No Repair Needed; Good
Y01	3/18/2015 11:38	61.7	35.4	0.2	2.7	-13.24		91	6		-17.26	No Change; No Repair Needed; Good
Y01	4/2/2015 11:51	59.5	35.1	0.2	5.2	-15.44	-17.13	94	11	12	-20.63	Slightly Open; No Repair Needed; Good
Y01	4/2/2015 11:52	59.5	35	0.2	5.3	-17.56		96	13		-21.06	2nd Reading; No Repair Needed; Good
Y01	4/17/2015 13:25	52.4	34.1	0	13.5	-17.17		91	18		-17.57	No Change; No Repair Needed; Good
Y01	5/5/2015 13:11	47.2	32.7	0.1	20	-23.47	-22.22	92	15	11	-24.6	Slightly Closed; No Repair Needed; Good
Y01	5/5/2015 13:12	48.1	32.1	0	19.8	-20.36		91	10		-24.9	2nd Reading; No Repair Needed; Good
Y01	5/20/2015 13:36	50.9	32.7	0.1	16.3	-19.59		91	7		-24.3	No Change; No Repair Needed; Good
Y01	6/1/2015 13:11	46.7	31.8	0	21.5	-19.33	-18.94	92	10	7	-25.59	Slightly Closed; No Repair Needed; Good
Y01	6/1/2015 13:12	46.7	31.4	0	21.9	-18.29		92	10		-25.59	2nd Reading; No Repair Needed; Good
Y01	6/16/2015 13:46	55.3	33.8	0	10.9	-13.11	-13.5	94	8	7	-18.99	Slightly Open; No Repair Needed; Good
Y01	6/16/2015 13:47	55.4	33.9	0	10.7	-14.15		95	9		-18.95	2nd Reading; No Repair Needed; Good
Y01	7/2/2015 13:18	53.7	34.2	0	12.1	-13.03		92	0		-12.82	No Change; No Repair Needed; Good
Y01	7/27/2015 15:01	61.4	35	0	3.6	-21.18		91	9		-25.12	No Change; No Repair Needed; Good
Y01	8/5/2015 14:06	54.6	36.5	0.1	8.8	-24.2		93	14		-28.66	No Change; No Repair Needed; Good
Y01	8/20/2015 13:58	48.9	34.3	0.1	16.7	-18.55		93	11		-15.84	No Change; No Repair Needed; Good
Y01	9/4/2015 12:14	40.1	32.4	0	27.5	-22.35	-20.62	95	14	9	-27.02	Slightly Closed; No Repair Needed; Good
Y01	9/4/2015 12:15	40.2	32.4	0	27.4	-18.21		95	5		-27.62	2nd Reading; No Repair Needed; Good
Y01	9/17/2015 13:58	44.7	34.1	0.2	21	-16.44	-16.09	92	11	9	-27.97	Slightly Closed; No Repair Needed; Good
Y01	9/17/2015 13:58	45.4	33.6	0.2	20.8	-15.75		91	7		-28.01	2nd Reading; No Repair Needed; Good
Y02	9/10/2014 12:44	53.4	35.4	0.9	10.3	-4	-3.97	117	13	16	-22.92	No Change; No Repair Needed; Good
Y02	9/25/2014 11:23	51.2	36	1.5	11.3	-4.4	-4.38	117	16	16	-22.19	No Change; No Repair Needed; Good
Y02	10/9/2014 12:42	51.7	35.3	1.5	11.5	-4.98	-4.95	113	20	20	-24.26	No Change; No Repair Needed; Good
Y02	10/23/2014 11:59	54.7	35.4	0.7	9.2	-4.17		114	13		-24.04	No Change; No Repair Needed; Good
Y02	11/5/2014 12:36	55.3	35.4	0.5	8.8	-3.35		112	35		-23.78	No Change; No Repair Needed; Good
Y02	11/19/2014 12:19	60.3	36.1	0	3.6	-0.13		102	13		-10.75	No Change; No Repair Needed; Good
Y02	12/5/2014 11:50	60.9	36.4	0	2.7	-1.5	-1.75	100	10	10	-16.23	Slightly Open; No Repair Needed; Good
Y02	12/5/2014 11:51	60.7	37.8	0	1.5	-2.5		104	11		-17.87	2nd Reading; No Repair Needed; Good
Y02	12/18/2014 11:45	57.8	36.5	0.1	5.6	-5.48		105	37		-17.57	No Change; No Repair Needed; Good

Green Valley Landfill
Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
Y02	1/22/2015 12:27	56.8	37.9	0	5.3	-8.28	-8.93	103	12	15	-19.38	Slightly Open; No Repair Needed; Good
Y02	1/22/2015 12:28	56.8	38	0	5.2	-9.62		105	26		-29.31	2nd Reading; No Repair Needed; Good
Y02	2/3/2015 12:40	51	34.8	0	14.2	-11.65		105	17		-27.67	No Change; No Repair Needed; Good
Y02	3/3/2015 12:12	62	35.7	0	2.3	-6.17	-6.51	100	37	25	-13.9	Slightly Open; No Repair Needed; Good
Y02	3/3/2015 12:13	62.5	36.1	0	1.4	-7.2		102	0		-13.77	2nd Reading; No Repair Needed; Good
Y02	3/18/2015 11:41	61.3	35	0.2	3.5	-11.3		101	16		-16.79	No Change; No Repair Needed; Good
Y02	4/2/2015 11:55	57.9	35.3	0.2	6.6	-12.68	-14.19	102	10	19	-19.9	Slightly Open; No Repair Needed; Good
Y02	4/2/2015 11:56	57.4	34.8	0.2	7.6	-15.49		103	19		-19.64	2nd Reading; No Repair Needed; Good
Y02	4/17/2015 13:27	55.8	33.4	0	10.8	-15.4		103	12		-17.57	No Change; No Repair Needed; Good
Y02	5/5/2015 13:15	53.5	32.6	0.1	13.8	-19.72		106	18		-24.04	No Change; No Repair Needed; Good
Y02	5/20/2015 13:38	54.3	32.8	0.1	12.8	-19.24	-19.63	107	19	27	-23.95	Slightly Open; No Repair Needed; Good
Y02	5/20/2015 13:39	55	34.1	0.1	10.8	-19.93		107	19		-22.53	2nd Reading; No Repair Needed; Good
Y02	6/1/2015 13:14	54.3	33.1	0	12.6	-20.49		106	21		-23.22	No Change; No Repair Needed; Good
Y02	6/16/2015 13:50	54.1	34.4	0	11.5	-16.09		108	20		-18.73	No Change; No Repair Needed; Good
Y02	7/2/2015 13:20	55.7	34.4	0	9.9	-14.19		105	14		-16.27	No Change; No Repair Needed; Good
Y02	7/27/2015 15:03	58.7	35.2	0.1	6	-16.82		107	15		-18.26	No Change; No Repair Needed; Good
Y02	8/5/2015 14:08	55.3	36.4	0.1	8.2	-23.99		108	32		-30.21	No Change; No Repair Needed; Good
Y02	8/20/2015 14:01	55	35.2	0.1	9.7	-18.16	-18.21	107	18	21	-20.63	Slightly Open; No Repair Needed; Good
Y02	8/20/2015 14:02	54.9	35.8	0.1	9.2	-18.51		107	20		-20.33	2nd Reading; No Repair Needed; Good
Y02	9/4/2015 12:17	51.8	34.4	0.1	13.7	-23.51		110	26		-28.4	No Change; No Repair Needed; Good
Y02	9/17/2015 14:01	51.4	34.5	0.2	13.9	-23.94		109	25		-26.89	No Change; No Repair Needed; Good
Y03	9/10/2014 10:20	60.8	36.2	0	3	-24.94	-24.85	103	10	12	-26.54	No Change; No Repair Needed; Good
Y03	9/25/2014 8:48	60.1	36.5	0	3.4	-24.82	-24.56	104	7	7	-25.91	No Change; No Repair Needed; Good
Y03	10/9/2014 10:12	61.7	35.4	0	2.9	-23.47	-24.07	105	18	16	-24.26	No Change; No Repair Needed; Good
Y03	10/23/2014 9:02	62	35.8	0	2.2	-23.47		103	12		-24.6	No Change; No Repair Needed; Good
Y03	11/5/2014 8:56	60.1	36	0	3.9	-24.81		101	13		-25.55	No Change; No Repair Needed; Good
Y03	11/19/2014 9:58	59.4	36.3	0	4.3	-11.73		91	14		-12.43	No Change; No Repair Needed; Good
Y03	12/5/2014 9:08	62	35.7	0	2.3	-16.35		95	15		-16.83	No Change; No Repair Needed; Good
Y03	12/18/2014 9:06	61.7	35.9	0	2.4	-18.81		87	18		-19.34	No Change; No Repair Needed; Good
Y03	1/8/2015 9:39	59.6	34.9	0.4	5.1	-2.99		59	28		-1.38	No Change; No Repair Needed; Fair
Y03	1/22/2015 9:04	60.7	36.7	0	2.6	-24.76		96	17		-25.33	No Change; No Repair Needed; Good
Y03	2/3/2015 9:22	57.6	35.9	0	6.5	-25.84		87	11		-26.63	No Change; No Repair Needed; Good
Y03	3/3/2015 9:31	61.9	35.5	0	2.6	-16.78		88	18		-17.52	No Change; No Repair Needed; Good
Y03	3/18/2015 9:07	61.8	35.7	0.3	2.2	-17.43		88	11		-18.26	No Change; No Repair Needed; Good
Y03	4/2/2015 9:18	61.8	33.5	0.5	4.2	-21.31		96	28		-23.22	No Change; No Repair Needed; Good
Y03	4/17/2015 11:57	62.1	35.8	0.1	2	-19.97		96	12		-20.41	No Change; No Repair Needed; Good
Y03	5/5/2015 9:30	62.2	34.3	0	3.5	-23.77		103	24		-25.03	No Change; No Repair Needed; Good
Y03	5/20/2015 12:00	59.3	34.4	0.3	6	-25.54		102	21		-27.32	No Change; No Repair Needed; Good
Y03	6/1/2015 11:46	57.9	34.7	0.1	7.3	-24.46		95	19		-25.21	No Change; No Repair Needed; Good
Y03	6/16/2015 12:10	56.9	36.6	0	6.5	-19.33		105	16		-19.34	No Change; No Repair Needed; Good
Y03	7/2/2015 10:30	61.6	37.9	0	0.5	-17.52		100	24		-17.78	No Change; No Repair Needed; Good
Y03	7/27/2015 12:14	60.3	36.1	0.1	3.5	-18.21		100	15		-19.34	No Change; No Repair Needed; Good
Y03	8/5/2015 12:34	59	37	0.1	3.9	-27.52		103	11		-28.66	No Change; No Repair Needed; Good
Y03	8/20/2015 12:26	56.7	35.6	0.1	7.6	-25.75		101	14		-27.23	No Change; No Repair Needed; Good
Y03	9/4/2015 9:26	51.6	35.3	0.2	12.9	-26.19		102	22		-26.67	No Change; No Repair Needed; Good
Y03	9/17/2015 12:12	56.4	35.2	0	8.4	-26.79		105	10		-28.18	No Change; No Repair Needed; Good
Y04	9/10/2014 12:47	1	0.9	20.6	77.5	-5.05	-5.05	91	5	4	-22.05	No Change; No Repair Needed; Fair; 190594; well influence
Y04	9/10/2014 12:48	0.2	0.1	20.8	78.9	-5.05	-5.35	92	5	5	-21.71	2nd Reading; No Repair Needed; Fair; valve barely cracked; well influence
Y04	9/25/2014 11:26	1.6	10	19.8	68.6	-5	-4.95	92	6	7	-22.24	No Change; No Repair Needed; Fair; 211497; well influence

Green Valley Landfill
Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
Y04	9/25/2014 11:27	0.1	0.4	21.2	78.3	-4.95	-4.95	95	6	3	-22.19	2nd Reading; No Repair Needed; Fair; valve barely cracked; well influence
Y04	10/9/2014 12:46	0.2	3	21.4	75.4	-5.22	-5.22	64	0	0	-23.48	No Change; No Repair Needed; Fair; 230047; well influence
Y04	10/9/2014 12:47	0.1	0.6	21.8	77.5	-5.22	-5.22	64	0	0	-23.61	2nd Reading; No Repair Needed; Fair; well influence
Y04	10/23/2014 12:02	7.7	20.5	17.7	54.1	-5.22	-5.22	72	0	0	-24.51	No Change; No Repair Needed; Fair; 246675
Y04	10/23/2014 12:03	0	0	17.4	82.6	-5.52		73	2		-24.47	2nd Reading; No Repair Needed; Fair; valve barely cracked; well influence decommission requested
Y04	11/5/2014 12:39	11.3	19.3	18.1	51.3	-4.55	-4.55	59	0	0	-22.14	No Change; No Repair Needed; Fair; 262789; valve barely cracked
Y04	11/5/2014 12:40	0.6	4.4	20.6	74.4	-4.57		59	0		-24.95	2nd Reading; No Repair Needed; Fair; well influence; decommission requested
Y04	11/19/2014 12:22	1.8	10.2	19.1	68.9	-2.72	-2.71	50	0	0	-9.37	No Change; No Repair Needed; Fair; valve barely cracked; well influence
Y04	11/19/2014 12:23	0.6	1.5	20.5	77.4	-2.64		48	0		-9.32	2nd Reading; No Repair Needed; Fair
Y04	12/5/2014 11:55	0.5	1.5	20.6	77.4	-4.73	-4.73	50	0	0	-16.57	Slightly Closed; No Repair Needed; Fair; valve completely closed; 295052
Y04	12/5/2014 11:56	0.8	0.9	20.5	77.8	-4.74	-4.74	49	0	0	-16.57	2nd Reading; No Repair Needed; Fair; valve completely closed; decommission reading
Y12	9/10/2014 10:30	50.2	36.3	0	13.5	-24.16	-24.16	105	0	0	-24.6	No Change; No Repair Needed; Good
Y12	9/25/2014 8:58	47.1	37.7	0.1	15.1	-24.08	-24.08	103	0	0	-24.71	Slightly Closed; No Repair Needed; Good
Y12	9/25/2014 8:59	46.6	36.1	0.1	17.2	-23.74	-23.4	103	0	0	-23.56	2nd Reading; No Repair Needed; Good
Y12	10/9/2014 10:23	52.3	36.7	0.2	10.8	-22.09	-22.13	103	0	0	-22.79	No Change; No Repair Needed; Good
Y12	10/23/2014 9:17	47.9	36.5	0	15.6	-21.92	-21.35	100	0	0	-22.57	Slightly Closed; No Repair Needed; Fair
Y12	10/23/2014 9:18	47.9	35.7	0.1	16.3	-21.01		100	0		-22.4	2nd Reading; No Repair Needed; Good
Y12	11/5/2014 9:06	46.6	35.5	0.1	17.8	-23.17	-22.48	99	0	0	-24.38	Slightly Closed; No Repair Needed; Good
Y12	11/5/2014 9:06	45.7	34.2	0.2	19.9	-21.83		99	0		-25.42	2nd Reading; No Repair Needed; Good
Y12	11/19/2014 10:07	48.9	35.6	0.3	15.2	-10.31		87	0		-11.44	No Change; No Repair Needed; Good
Y12	12/5/2014 9:17	57.7	37	0	5.3	-13.72		92	0		-15.54	No Change; No Repair Needed; Good
Y12	12/18/2014 9:15	56.7	37.9	0.4	5	-17.04		88	0		-19.34	No Change; No Repair Needed; Good
Y12	1/22/2015 9:19	54.6	37.7	0.3	7.4	-22.48		91	0		-24.86	No Change; No Repair Needed; Good
Y12	2/3/2015 9:37	58.7	37.7	0.4	3.2	-23.04	-24.07	90	0	0	-25.9	Slightly Open; No Repair Needed; Good
Y12	2/3/2015 9:38	58.7	37.8	0.4	3.1	-23.81		91	0		-24.9	2nd Reading; No Repair Needed; Good
Y12	3/3/2015 9:41	53.8	36	0.4	9.8	-16.09		79	0		-16.88	No Change; No Repair Needed; Good
Y12	3/18/2015 9:19	58.7	36.3	1	4	-16.78		80	0		-17.22	No Change; No Repair Needed; Fair
Y12	4/2/2015 9:28	50.3	29.9	1.4	18.4	-19.24		88	0		-19.12	No Change; No Repair Needed; Good
Y12	4/17/2015 12:08	60.2	36.6	0.4	2.8	-19.28		94	0		-19.98	No Change; No Repair Needed; Fair
Y12	5/5/2015 9:43	54.4	36.4	0.1	9.1	-24.55		95	0		-25.55	No Change; No Repair Needed; Good
Y12	5/20/2015 12:11	54.8	36.9	0.2	8.1	-24.2		96	0		-25.25	No Change; No Repair Needed; Good
Y12	6/1/2015 11:56	50.4	35.6	0.2	13.8	-22.78		95	0		-23.13	No Change; No Repair Needed; Good
Y12	6/16/2015 12:19	50.2	34.8	0.1	14.9	-18.29		100	0		-18.86	No Change; No Repair Needed; Good
Y12	7/2/2015 10:41	55.8	37	0	7.2	-16.44		95	0		-16.66	No Change; No Repair Needed; Good
Y12	7/27/2015 12:27	57.8	37.7	0.2	4.3	-17.17		95	0		-17.7	No Change; No Repair Needed; Fair
Y12	8/5/2015 12:45	53.3	38.1	0.2	8.4	-27.09		98	0		-27.97	No Change; No Repair Needed; Good
Y12	8/20/2015 12:35	51.3	37.1	0.2	11.4	-22.52		98	0		-23.87	No Change; No Repair Needed; Good
Y12	9/4/2015 9:38	51.5	36	0.4	12.1	-25.5		100	0		-26.37	No Change; No Repair Needed; Good
Y12	9/17/2015 12:22	52.3	36.4	0.2	11.1	-24.25		101	0		-25.16	No Change; No Repair Needed; Good
Y16	9/10/2014 11:00	52.7	35.7	0.2	11.4	-19.37	-19.37	104	22	28	-19.34	No Change; No Repair Needed; Good
Y16	9/25/2014 9:27	51.3	36.5	0.2	12	-19.35	-18.66	102	48	44	-19.46	No Change; No Repair Needed; Good
Y16	10/9/2014 10:54	54.4	36	0.5	9.1	-20.41	-20.62	103	36	29	-20.2	No Change; No Repair Needed; Good
Y16	10/23/2014 9:49	50.2	35.2	0	14.6	-20.88		101	36		-20.59	No Change; No Repair Needed; Good
Y16	11/5/2014 10:24	48.6	34.4	0	17	-18.59		100	33		-18.34	No Change; No Repair Needed; Good

Green Valley Landfill
Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
Y16	11/19/2014 10:34	52.6	34.6	0	12.8	-19.54		100	30		-19.42	No Change; No Repair Needed; Good
Y16	12/5/2014 9:48	56.6	34.9	0	8.5	-15.49		99	37		-15.24	No Change; No Repair Needed; Good
Y16	12/18/2014 9:44	58.1	35	0	6.9	-16.7		96	10		-16.49	No Change; No Repair Needed; Good
Y16	1/22/2015 9:57	62.1	37.5	0	0.4	-18.77		93	32		-18.6	No Change; No Repair Needed; Good
Y16	2/3/2015 10:14	54.7	37.1	0	8.2	-20.97		90	45		-20.8	No Change; No Repair Needed; Good
Y16	3/3/2015 10:16	56.6	33.1	0	10.3	-14.45		89	28		-14.5	No Change; No Repair Needed; Good
Y16	3/18/2015 9:54	61	35.2	0.1	3.7	-15.49		89	19		-15.36	No Change; No Repair Needed; Good
Y16	4/2/2015 9:56	56.5	33.9	0.5	9.1	-15.79		94	32		-15.88	No Change; No Repair Needed; Good
Y16	4/17/2015 12:36	57	36.1	0.1	6.8	-15.44		95	28		-15.54	No Change; No Repair Needed; Good
Y16	5/5/2015 10:16	60.6	35	0	4.4	-20.71		97	27		-20.63	No Change; No Repair Needed; Good
Y16	5/20/2015 12:43	55.6	35	0.2	9.2	-19.59		98	18		-19.34	No Change; No Repair Needed; Good
Y16	6/1/2015 12:28	52.5	34.4	0.1	13	-21.14		99	37		-20.76	No Change; No Repair Needed; Good
Y16	6/16/2015 12:55	51.9	34.5	0	13.6	-17.13		101	25		-16.88	No Change; No Repair Needed; Good
Y16	7/2/2015 11:18	55.8	35.2	0	9	-17.52		98	18		-17.26	No Change; No Repair Needed; Good
Y16	7/27/2015 13:03	60.1	36.8	0	3.1	-15.44		100	10		-15.24	No Change; No Repair Needed; Good
Y16	8/5/2015 13:20	57.8	36	0.1	6.1	-21.23		101	18		-21.32	No Change; No Repair Needed; Good
Y16	8/20/2015 13:08	51.9	34.5	0.5	13.1	-17.82		98	25		-17.95	No Change; No Repair Needed; Good
Y16	9/4/2015 10:14	52.6	34.1	0.3	13	-19.63		102	22		-19.72	No Change; No Repair Needed; Good
Y16	9/17/2015 12:59	51.2	34.5	0.2	14.1	-23.55		102	21		-23.74	No Change; No Repair Needed; Good
Y19	9/10/2014 10:45	52	36.3	0	11.7	-8.84	-8.67	99	17	15	-19.98	No Change; No Repair Needed; Good
Y19	9/25/2014 9:12	50	36.9	0	13.1	-8.57	-8.57	97	19	19	-19.46	No Change; No Repair Needed; Good
Y19	10/9/2014 10:37	53.9	36.3	0	9.8	-8.89	-8.89	97	19	19	-20.85	No Change; No Repair Needed; Good
Y19	10/23/2014 9:31	48.9	36	0	15.1	-9.97		96	21		-20.37	No Change; No Repair Needed; Good
Y19	11/5/2014 9:22	49.8	35.3	0	14.9	-8.63		95	18		-16.23	No Change; No Repair Needed; Good
Y19	11/19/2014 10:21	52.5	35.5	0	12	-4.99		92	15		-10.4	No Change; No Repair Needed; Good
Y19	12/5/2014 9:33	57.8	35.1	0	7.1	-7.16		93	16		-15.02	No Change; No Repair Needed; Good
Y19	12/18/2014 9:28	60.8	36.8	0	2.4	-7.94	-8.58	92	17	21	-15.36	Slightly Open; No Repair Needed; Good
Y19	12/18/2014 9:29	61	37.1	0	1.9	-9.28		93	19		-16.1	2nd Reading; No Repair Needed; Good
Y19	1/22/2015 9:38	56.8	36.4	0	6.8	-11.6	-11.95	93	19	21	-19.29	Slightly Open; No Repair Needed; Good
Y19	1/22/2015 9:39	57.2	37.2	0	5.6	-12.21		94	28		-18.56	2nd Reading; No Repair Needed; Good
Y19	2/3/2015 9:59	51.7	35.6	0	12.7	-14.88		92	23		-21.06	No Change; No Repair Needed; Good
Y19	3/3/2015 9:55	55.9	35.2	0	8.9	-9.23	-9.88	91	16	20	-13.47	Slightly Open; No Repair Needed; Good
Y19	3/3/2015 9:56	56.2	35.7	0	8.1	-10.57		91	25		-15.11	2nd Reading; No Repair Needed; Good
Y19	3/18/2015 9:37	61	35.7	0.3	3	-11.69		89	12		-14.89	No Change; No Repair Needed; Good
Y19	4/2/2015 9:42	51.1	33.7	0.3	14.9	-12.34		95	19		-17.35	No Change; No Repair Needed; Good
Y19	4/17/2015 12:20	57.5	34.5	0	8	-11.65		95	27		-15.19	No Change; No Repair Needed; Good
Y19	5/5/2015 10:00	50.8	32.4	0	16.8	-15.14		97	28		-20.11	No Change; No Repair Needed; Good
Y19	5/20/2015 12:25	44.6	32.3	0.1	23	-13.76	-13.03	97	19	21	-18.77	Slightly Closed; No Repair Needed; Good
Y19	5/20/2015 12:26	44.6	31.9	0	23.5	-12.68		97	17		-19.34	2nd Reading; No Repair Needed; Good
Y19	6/1/2015 12:11	44.1	33	0	22.9	-13.07	-12.38	96	33	23	-20.93	Slightly Closed; No Repair Needed; Good
Y19	6/1/2015 12:12	43.6	31.7	0	24.7	-11.69		96	20		-20.8	2nd Reading; No Repair Needed; Good
Y19	6/16/2015 12:36	47.4	33.9	0	18.7	-9.32	-8.97	98	19	17	-16.79	Slightly Closed; No Repair Needed; Good
Y19	6/16/2015 12:37	47.2	32.9	0	19.9	-8.33		98	18		-17.22	2nd Reading; No Repair Needed; Good
Y19	7/2/2015 11:00	50.7	35	0	14.3	-8.58		95	16		-16.27	No Change; No Repair Needed; Good
Y19	7/27/2015 12:44	55.8	36.7	0	7.5	-8.58	-9.23	97	13	16	-15.19	Slightly Open; No Repair Needed; Good
Y19	7/27/2015 12:45	56.9	36	0	7.1	-9.92		97	23		-15.62	2nd Reading; No Repair Needed; Good
Y19	8/5/2015 12:59	48.5	35.3	0	16.2	-13.63	-12.94	98	23	20	-22.1	Slightly Closed; No Repair Needed; Good
Y19	8/5/2015 13:00	48.5	34.9	0	16.6	-12.42		98	20		-21.62	2nd Reading; No Repair Needed; Good
Y19	8/20/2015 12:48	43	34.6	0	22.4	-11.26	-10.57	97	19	18	-23.52	Slightly Closed; No Repair Needed; Good
Y19	8/20/2015 12:49	42.2	32.6	0	25.2	-10.22		97	18		-22.74	2nd Reading; No Repair Needed; Good

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
Y19	9/4/2015 9:54	41.5	32.2	0.3	26	-9.32	-8.58	96	19	14	-18.73	Slightly Closed; No Repair Needed; Good
Y19	9/4/2015 9:55	41.7	31.9	0.3	26.1	-7.94		96	9		-20.41	2nd Reading; No Repair Needed; Good
Y19	9/17/2015 12:39	43.5	33.3	0.1	23.1	-7.85	-7.2	97	18	14	-22.49	Slightly Closed; No Repair Needed; Good
Y19	9/17/2015 12:40	43.2	33.1	0.1	23.6	-6.77		97	13		-24	2nd Reading; No Repair Needed; Good
Y20	9/10/2014 10:47	51.4	36.1	0	12.5	-4.68	-4.92	110	66	71	-18.52	No Change; No Repair Needed; Good
Y20	9/25/2014 9:14	49.6	36.8	0	13.6	-4.87	-4.82	109	66	61	-20.15	No Change; No Repair Needed; Good
Y20	10/9/2014 10:40	54.4	36	0	9.6	-4.92	-5.39	110	64	64	-20.98	Slightly Open; No Repair Needed; Good
Y20	10/9/2014 10:40	54.2	36	0	9.8	-5.18	-5.44	110	66	66	-21.32	2nd Reading; No Repair Needed; Good
Y20	10/23/2014 9:33	46.8	35.4	0	17.8	-5.87	-5.48	109	57	46	-20.8	Slightly Closed; No Repair Needed; Good
Y20	10/23/2014 9:34	46.5	35.4	0	18.1	-5.18		109	42		-20.8	2nd Reading; No Repair Needed; Good
Y20	11/5/2014 10:10	49.2	33.1	0	17.7	-3.69		108	44		-18.56	No Change; No Repair Needed; Good
Y20	11/19/2014 10:23	52.2	35.3	0	12.5	-1.33		106	46		-10.36	No Change; No Repair Needed; Good
Y20	12/5/2014 9:36	55.6	35.8	0	8.6	-2.59		108	37		-16.14	No Change; No Repair Needed; Good
Y20	12/18/2014 9:31	56.1	34.5	0	9.4	-3.77		107	54		-16.44	No Change; No Repair Needed; Good
Y20	1/22/2015 9:41	55	37.2	0	7.8	-6.13	-6.47	107	53	57	-19.34	Slightly Open; No Repair Needed; Good
Y20	1/22/2015 9:42	54.8	37.4	0	7.8	-6.17		108	55		-19.16	2nd Reading; No Repair Needed; Good
Y20	2/3/2015 10:01	47.3	35.6	0	17.1	-9.92	-9.58	107	51	49	-22.01	Slightly Closed; No Repair Needed; Good
Y20	2/3/2015 10:02	46.6	35.7	0	17.7	-9.58		107	42		-19.46	2nd Reading; No Repair Needed; Good
Y20	3/3/2015 9:59	52.6	35	0	12.4	-3.76		106	41		-14.67	No Change; No Repair Needed; Good
Y20	3/18/2015 9:44	60.2	36.1	0.1	3.6	-6.51		105	32		-15.93	No Change; No Repair Needed; Good
Y20	4/2/2015 9:45	52.2	33.5	0.1	14.2	-5.78		107	43		-17.74	No Change; No Repair Needed; Good
Y20	4/17/2015 12:22	55.5	35.2	0	9.3	-5.78		107	41		-15.93	No Change; No Repair Needed; Good
Y20	5/5/2015 10:03	53.3	33.2	0	13.5	-8.28		109	41		-20.76	No Change; No Repair Needed; Good
Y20	5/20/2015 12:28	52.4	33.2	0	14.4	-7.16		109	40		-18.56	No Change; No Repair Needed; Good
Y20	6/1/2015 12:14	52.8	32.5	0	14.7	-6.95		108	44		-22.4	No Change; No Repair Needed; Good
Y20	6/16/2015 12:40	55.4	35.2	0	9.4	-4.66	-4.92	109	28	41	-17.26	Slightly Open; No Repair Needed; Good
Y20	6/16/2015 12:41	55.6	35.9	0	8.5	-5.18		109	50		-16.75	2nd Reading; No Repair Needed; Good
Y20	7/2/2015 11:03	57.5	35.8	0	6.7	-5.82	-6.13	108	36	41	-16.92	Slightly Open; No Repair Needed; Good
Y20	7/2/2015 11:04	57.7	36.7	0	5.6	-6.17		108	41		-16.7	2nd Reading; No Repair Needed; Good
Y20	7/27/2015 12:47	55.8	35.9	0	8.3	-6.9	-7.38	109	44	55	-19.12	Slightly Open; No Repair Needed; Good
Y20	7/27/2015 12:48	56.4	36.7	0	6.9	-7.55		109	55		-20.33	2nd Reading; No Repair Needed; Good
Y20	8/5/2015 13:03	51.6	35.7	0	12.7	-10.91		109	56		-21.67	No Change; No Repair Needed; Good
Y20	8/20/2015 12:51	50.3	34.5	0	15.2	-8.5		109	55		-21.62	No Change; No Repair Needed; Good
Y20	9/4/2015 9:57	51.4	34.6	0.3	13.7	-8.97		110	57		-20.89	No Change; No Repair Needed; Good
Y20	9/17/2015 12:43	51.8	36.2	0.1	11.9	-9.23		110	62		-26.5	No Change; No Repair Needed; Good
Y21	9/10/2014 10:51	50.9	35.8	0	13.3	-17.26	-17.26	102	30	29	-17.48	No Change; No Repair Needed; Good; 66
Y21	9/25/2014 9:18	49.2	37.5	0	13.3	-17.62	-17.54	101	21	20	-18.48	No Change; No Repair Needed; Good; 68
Y21	10/9/2014 10:43	53.8	36	0	10.2	-19.28	-19.24	102	35	37	-19.81	No Change; No Repair Needed; Good; 68
Y21	10/23/2014 9:37	48	35.4	0	16.6	-19.63		101	42		-20.11	No Change; No Repair Needed; Good
Y21	11/5/2014 10:13	48	35	0	17	-17.64		101	37		-18.34	No Change; No Repair Needed; Good; 68
Y21	11/19/2014 10:26	51	35.4	0	13.6	-13.81		100	33		-14.11	No Change; No Repair Needed; Good; 68
Y21	12/5/2014 9:39	57.6	31.1	0.2	11.1	-14.5		101	35		-15.24	No Change; No Repair Needed; Good; 70
Y21	12/18/2014 9:34	57.7	35.9	0	6.4	-15.83		101	38		-16.27	No Change; No Repair Needed; Good; 70
Y21	1/22/2015 9:45	57.5	32.6	0.2	9.7	-17.52		100	30		-18.13	No Change; No Repair Needed; Good; 70
Y21	2/3/2015 10:05	57.7	36.6	0.1	5.6	-20.02		98	26		-20.72	No Change; No Repair Needed; Good; 70
Y21	3/3/2015 10:02	56.6	34.8	0.2	8.4	-14.15		99	28		-14.42	No Change; No Repair Needed; Good; 70
Y21	3/18/2015 9:46	61.2	36.3	0.4	2.1	-14.93		99	23		-15.15	No Change; No Repair Needed; Good; 70
Y21	4/2/2015 9:47	57.6	34.3	0.4	7.7	-16.82		100	38		-17.22	No Change; No Repair Needed; Good; 96
Y21	4/17/2015 12:25	61.4	36.7	0.1	1.8	-15.7		101	38		-16.06	No Change; No Repair Needed; Good; 96
Y21	5/5/2015 10:06	61.2	35.6	0	3.2	-19.63		101	20		-19.94	No Change; No Repair Needed; Good; 96

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
Y21	5/20/2015 12:32	59.8	36	0.2	4	-18.55		101	23		-18.99	No Change; No Repair Needed; Good; 96
Y21	6/1/2015 12:17	60.5	35.5	0.1	3.9	-20.66		101	16		-20.93	No Change; No Repair Needed; Good; 96
Y21	6/16/2015 12:45	59.6	36.8	0	3.6	-15.88		102	21		-16.18	No Change; No Repair Needed; Good; 363
Y21	7/2/2015 11:08	61.8	37.7	0	0.5	-15.66		100	26		-15.88	No Change; No Repair Needed; Good; 691
Y21	7/27/2015 12:53	60.8	37	0	2.2	-18.55		102	17		-18.99	No Change; No Repair Needed; Good; 713
Y21	8/5/2015 13:08	59.3	37.9	0	2.8	-20.92		102	33		-20.76	No Change; No Repair Needed; Good; 713
Y21	8/20/2015 12:55	59.1	37.7	0	3.2	-17.86		101	17		-17.95	No Change; No Repair Needed; Good
Y21	9/4/2015 10:01	57.8	36.3	0.3	5.6	-19.28		101	23		-20.28	No Change; No Repair Needed; Good; 713
Y21	9/17/2015 12:47	58.6	37.8	0.1	3.5	-23.17		102	25		-23	No Change; No Repair Needed; Good; 713
Y22	9/10/2014 10:54	51.4	35.3	0	13.3	-17.26	-17.3	85	29	34	-18	No Change; No Repair Needed; Good
Y22	9/25/2014 9:21	49.5	37	0	13.5	-17.49	-17.28	84	36	36	-19.12	No Change; No Repair Needed; Good
Y22	10/9/2014 10:46	53.7	35.8	0	10.5	-18.9	-18.9	84	36	31	-20.8	No Change; No Repair Needed; Good
Y22	10/23/2014 9:41	47.8	35.3	0	16.9	-18.94	-18.51	83	32	25	-20.5	Slightly Closed; No Repair Needed; Good
Y22	10/23/2014 9:41	48.7	35.3	0	16	-17.9		83	21		-20.67	2nd Reading; No Repair Needed; Good
Y22	11/5/2014 10:16	47.1	34.5	0	18.4	-15.27	-14.8	82	29	11	-18.73	Slightly Closed; No Repair Needed; Good
Y22	11/5/2014 10:17	47.7	34.3	0	18	-14.11		81	22		-18.99	2nd Reading; No Repair Needed; Good
Y22	11/19/2014 10:29	51.3	35.2	0	13.5	-7.94		80	24		-17.26	No Change; No Repair Needed; Good
Y22	12/5/2014 9:42	57.6	35.5	0	6.9	-8.58		80	22		-16.06	No Change; No Repair Needed; Good
Y22	12/18/2014 9:38	58	34.4	0	7.6	-9.97	-10.35	79	18	27	-16.57	Slightly Open; No Repair Needed; Good
Y22	12/18/2014 9:39	58.4	36.1	0	5.5	-10.66		80	26		-16.44	2nd Reading; No Repair Needed; Good
Y22	1/22/2015 9:48	62.1	37.6	0	0.3	-14.15	-15.1	79	23	31	-18.64	Slightly Open; No Repair Needed; Good
Y22	1/22/2015 9:50	62.1	37.7	0	0.2	-15.44		80	33		-18.52	2nd Reading; No Repair Needed; Good
Y22	2/3/2015 10:07	57.6	37.9	0	4.5	-19.11		78	21		-20.67	No Change; No Repair Needed; Good
Y22	3/3/2015 10:06	57.1	35	0.2	7.7	-12.64		79	24		-14.5	No Change; No Repair Needed; Good
Y22	3/18/2015 9:49	62.6	36.5	0.3	0.6	-14.8		80	18		-15.84	No Change; No Repair Needed; Good
Y22	4/2/2015 9:50	60.6	35.1	0.3	4	-16.09		81	23		-16.96	No Change; No Repair Needed; Good
Y22	4/17/2015 12:28	62.7	36.9	0	0.4	-15.1		83	26		-15.84	No Change; No Repair Needed; Good
Y22	5/5/2015 10:08	62.1	35.8	0	2.1	-20.32		83	27		-20.67	No Change; No Repair Needed; Good
Y22	5/20/2015 12:34	58.8	36.3	0.2	4.7	-19.24		83	20		-19.34	No Change; No Repair Needed; Good
Y22	6/1/2015 12:20	57.7	36.3	0	6	-20.79		83	27		-21.19	No Change; No Repair Needed; Good
Y22	6/16/2015 12:48	56	36.4	0	7.6	-16.22		87	23		-16.57	No Change; No Repair Needed; Good
Y22	7/2/2015 11:10	56.6	36.4	0	7	-15.66		82	14		-16.18	No Change; No Repair Needed; Good
Y22	7/27/2015 12:57	61.1	37.4	0	1.5	-15.75		85	20		-15.58	No Change; No Repair Needed; Good
Y22	8/5/2015 13:11	60.3	38	0	1.7	-20.79		87	30		-21.41	No Change; No Repair Needed; Good
Y22	8/20/2015 12:59	56.4	37.8	0.1	5.7	-17.47		85	14		-17.61	No Change; No Repair Needed; Good
Y22	9/4/2015 10:04	56.6	37.2	0.4	5.8	-18.94		83	27		-19.42	No Change; No Repair Needed; Good
Y22	9/17/2015 12:50	54.4	37.2	0.2	8.2	-22.56		84	14		-22.53	No Change; No Repair Needed; Good
Y23	9/10/2014 10:57	53.8	35.6	0.1	10.5	-4.8	-4.8	88	18	10	-18.26	No Change; No Repair Needed; Good; 204
Y23	9/25/2014 9:24	52	36.3	0.2	11.5	-4.82	-4.82	85	31	31	-17.84	No Change; No Repair Needed; Good; 204
Y23	10/9/2014 10:50	56.2	35.8	0.2	7.8	-4.97	-5.44	86	18	17	-20.67	Slightly Open; No Repair Needed; Good; 204
Y23	10/9/2014 10:51	56.4	36	0.1	7.5	-5.78	-5.78	86	18	17	-20.54	2nd Reading; No Repair Needed; Good
Y23	10/23/2014 9:45	47.5	35.3	0.1	17.1	-6.56	-6.21	85	14	17	-20.67	Slightly Closed; No Repair Needed; Good; 204
Y23	10/23/2014 9:46	47.5	35.2	0.3	17	-5.82		84	17		-21.15	2nd Reading; No Repair Needed; Good
Y23	11/5/2014 10:20	48.1	34.3	0.2	17.4	-4.62		83	20		-19.21	No Change; No Repair Needed; Good; 204
Y23	11/19/2014 10:31	49.8	34.6	0	15.6	-2.63		81	14		-20.5	No Change; No Repair Needed; Good; 204
Y23	12/5/2014 9:44	57.8	35.5	0.4	6.3	-3.28		78	10		-15.49	No Change; No Repair Needed; Good; 204
Y23	12/18/2014 9:41	57.8	36.2	0.5	5.5	-4.84		78	22		-16.57	No Change; No Repair Needed; Good; 204
Y23	1/22/2015 9:53	57.2	34.5	0.9	7.4	-10.27		74	12		-18.82	No Change; No Repair Needed; Good; 204
Y23	2/3/2015 10:10	53.8	37.7	0.8	7.7	-13.89		76	11		-20.11	No Change; No Repair Needed; Good; 204
Y23	3/3/2015 10:09	58.7	35.5	0.4	5.4	-8.15	-9.84	76	28	22	-14.59	Slightly Open; No Repair Needed; Good; 204

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
Y23	3/3/2015 10:11	58.7	36.1	0.3	4.9	-10.22		78	19		-14.85	2nd Reading; No Repair Needed; Good
Y23	3/18/2015 9:51	59.2	35.8	0.8	4.2	-12.04		78	11		-15.8	No Change; No Repair Needed; Good; 204
Y23	4/2/2015 9:53	58.9	35.1	0.7	5.3	-13.24	-15.06	82	31	27	-18.47	Slightly Open; No Repair Needed; Good; 204
Y23	4/2/2015 9:54	57.6	34.7	0.9	6.8	-15.31		82	29		-17.18	2nd Reading; No Repair Needed; Good
Y23	4/17/2015 12:31	59	36.6	0.4	4	-15.4		83	31		-16.01	No Change; No Repair Needed; Good; 204
Y23	5/5/2015 10:12	59.8	35.7	0.4	4.1	-19.93		86	25		-20.37	No Change; No Repair Needed; Good; 204
Y23	5/20/2015 12:40	54.2	34.7	0.4	10.7	-18.94		85	28		-18.99	No Change; No Repair Needed; Good; 204
Y23	6/1/2015 12:23	50.2	34.5	0.3	15	-20.32		85	25		-21.58	No Change; No Repair Needed; Good; 204
Y23	6/16/2015 12:52	49.3	34.9	0.2	15.6	-15.53		90	16		-16.53	No Change; No Repair Needed; Good; 204
Y23	7/2/2015 11:14	52.9	35.6	0.2	11.3	-15.1		85	19		-16.1	No Change; No Repair Needed; Good; 204
Y23	7/27/2015 13:00	60.8	37.2	0.1	1.9	-15.1		87	13		-15.93	No Change; No Repair Needed; Good; 217
Y23	8/5/2015 13:15	58.2	37.4	0	4.4	-20.53		88	20		-21.28	No Change; No Repair Needed; Good; 217
Y23	8/20/2015 13:03	49.9	36.3	0.2	13.6	-16.78		87	23		-17.91	No Change; No Repair Needed; Good; 217
Y23	9/4/2015 10:08	48.1	35.1	0.3	16.5	-17.95		86	17		-18.73	No Change; No Repair Needed; Good; 217
Y23	9/17/2015 12:55	46.4	34.9	0.6	18.1	-21.96	-20.92	86	31	31	-23.44	Slightly Closed; No Repair Needed; Good; 217
Y23	9/17/2015 12:56	46	34.5	0.6	18.9	-20.58		86	19		-21.75	2nd Reading; No Repair Needed; Good
Y24	9/10/2014 10:22	52.2	32.6	0.9	14.3	-3.04	-3.03	89	7	6	-26.67	No Change; No Repair Needed; Good
Y24	9/25/2014 8:50	51.7	33.8	1.1	13.4	-3.24	-3.22	72	6	5	-26.63	No Change; No Repair Needed; Good
Y24	10/9/2014 10:14	51.1	31	2.5	15.4	-2.65	-2.64	75	12	10	-24.64	No Change; No Repair Needed; Good
Y24	10/23/2014 9:04	52.2	33.7	1.8	12.3	-3.06		59	6		-25.46	No Change; No Repair Needed; Good
Y24	11/5/2014 8:58	51.5	33.8	0.9	13.8	-3.45		56	13		-25.59	No Change; No Repair Needed; Good
Y24	11/19/2014 10:00	56.5	35.8	0.4	7.3	-0.5		51	0		-13.81	No Change; No Repair Needed; Good
Y24	12/5/2014 9:09	57.6	36.4	1.3	4.7	-1.11		49	7		-16.66	No Change; No Repair Needed; Good
Y24	12/18/2014 9:08	57.1	32.6	0.8	9.5	-2.21		44	19		-19.46	No Change; No Repair Needed; Good
Y24	1/22/2015 9:06	43.4	28.9	4.5	23.2	-4.34	-4.32	46	7	5	-24.86	Slightly Closed; No Repair Needed; Fair
Y24	1/22/2015 9:09	45.2	29.3	4.9	20.6	-4.63		59	7		-24.86	2nd Reading; No Repair Needed; Fair
Y24	2/3/2015 9:24	0.8	9.1	20.7	69.4	-4.61	-4.6	37	0	0	-25.55	Slightly Closed; No Repair Needed; Fair
Y24	2/3/2015 9:28	41.7	28.4	4.9	25	-5.44		65	4		-26.59	2nd Reading; No Repair Needed; Fair; well influence
Y24	3/3/2015 9:33	51.3	32.8	1.7	14.2	-0.57		48	2		-17.52	No Change; No Repair Needed; Good
Y24	3/18/2015 9:09	52.8	31.5	1.3	14.4	-2.36		49	0		-17.44	No Change; No Repair Needed; Fair
Y24	4/2/2015 9:20	51.6	27.4	3	18	-1.92		71	2		-21.23	No Change; No Repair Needed; Good
Y24	4/17/2015 11:59	50.1	28.7	1.7	19.5	-2.67		85	7		-20.46	No Change; No Repair Needed; Good
Y24	5/5/2015 9:33	55	30.9	0.4	13.7	-4.22		84	9		-25.21	No Change; No Repair Needed; Good
Y24	5/20/2015 12:02	47.9	32.5	0.6	19	-3.79		82	2		-25.38	No Change; No Repair Needed; Fair; valve barely cracked; well influence
Y24	6/1/2015 11:48	42.5	31.1	0.6	25.8	-3.74		79	8		-24.86	No Change; No Repair Needed; Good; valve barely cracked; well influence
Y24	6/16/2015 12:11	49.6	34.4	0.2	15.8	-2.44		94	4		-19.34	No Change; No Repair Needed; Good
Y24	7/2/2015 10:32	57.4	35.8	0.3	6.5	-2.83	-2.9	80	5	5	-18	Slightly Open; No Repair Needed; Good
Y24	7/2/2015 10:33	57.7	35.8	0.2	6.3	-2.95		81	7		-18.34	2nd Reading; No Repair Needed; Good
Y24	7/27/2015 12:17	58.6	36.8	0.7	3.9	-3.99	-4.22	88	9	10	-19.34	Slightly Open; No Repair Needed; Good
Y24	7/27/2015 12:18	58.7	36.3	0.6	4.4	-4.36		89	13		-18.69	2nd Reading; No Repair Needed; Good
Y24	8/5/2015 12:36	45.5	33.8	0.8	19.9	-7.81	-7.46	93	12	9	-28.74	Slightly Closed; No Repair Needed; Good
Y24	8/5/2015 12:37	45.3	34	0.8	19.9	-7.12		94	6		-29.18	2nd Reading; No Repair Needed; Good
Y24	8/20/2015 12:28	48.6	33.4	0.3	17.7	-2.91		90	4		-26.28	No Change; No Repair Needed; Good
Y24	9/4/2015 9:28	40.8	31.7	0.6	26.9	-5.22	-4.94	86	6	6	-27.02	Slightly Closed; No Repair Needed; Good
Y24	9/4/2015 9:29	41.5	31.8	0.6	26.1	-4.86		86	5		-27.36	2nd Reading; No Repair Needed; Good
Y24	9/17/2015 12:14	47.3	33.5	0.3	18.9	-4.26		92	5		-28.83	No Change; No Repair Needed; Good; valve barely cracked; well influence
Y25	9/10/2014 12:36	55.8	37.6	0.1	6.5	-5.09	-5.61	107	8	4	-25.59	Slightly Open; No Repair Needed; Good; 188391

Green Valley Landfill
Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
Y25	9/10/2014 12:37	55.8	37.6	0.1	6.5	-6.08	-6.08	108	10	8	-25.25	2nd Reading; No Repair Needed; Good
Y25	9/25/2014 11:18	52.5	37.8	0.1	9.6	-6.89	-6.89	107	13	13	-24.58	No Change; No Repair Needed; Good; 190706
Y25	10/9/2014 12:36	54.4	38.1	0	7.5	-7.59	-7.59	103	5	5	-25.16	No Change; No Repair Needed; Good; 192854
Y25	10/23/2014 11:51	54	37.7	0.1	8.2	-6.95	-7.59	104	10	6	-25.59	Slightly Open; No Repair Needed; Good; 194725
Y25	10/23/2014 11:52	53.8	37.7	0.1	8.4	-8.28		106	5		-24.17	2nd Reading; No Repair Needed; Good
Y25	11/5/2014 12:30	49.3	35.7	0.1	14.9	-9.53		105	9		-25.9	No Change; No Repair Needed; Good; 196529
Y25	11/19/2014 12:14	52.7	36.7	0.1	10.5	-4.13		96	0		-10.06	No Change; No Repair Needed; Good; 198384
Y25	12/5/2014 11:44	57.5	35.8	0.1	6.6	-7.2		102	10		-17.65	No Change; No Repair Needed; Good; 200030
Y25	12/18/2014 11:40	56.5	36.1	0.1	7.3	-8.24		103	40		-19.38	No Change; No Repair Needed; Good; 201803
Y25	1/22/2015 12:19	49.6	34.6	0.1	15.7	-10.7		101	0		-23.91	No Change; No Repair Needed; Good; 204096
Y25	2/3/2015 12:34	49.4	34.4	0.1	16.1	-11.35		100	8		-26.28	No Change; No Repair Needed; Good; 205063
Y25	3/3/2015 12:06	57.4	37.3	0	5.3	-5.87		98	0		-14.29	No Change; No Repair Needed; Good; 207850
Y25	3/18/2015 11:35	60	35.2	0.4	4.4	-8.58		98	13		-17.31	No Change; No Repair Needed; Good; 209424
Y25	4/2/2015 11:48	52.8	34.4	0.5	12.3	-9.66		105	11		-21.8	No Change; No Repair Needed; Good; 214457
Y25	4/17/2015 13:23	53.5	34.3	0.6	11.6	-9.23		105	12		-18.95	No Change; No Repair Needed; Good; 218863
Y25	5/5/2015 13:09	52.8	34.9	0.3	12	-11.39		109	11		-26.37	No Change; No Repair Needed; Good; 225338
Y25	5/20/2015 13:33	52.9	35	0.1	12	-10.96		108	9		-25.94	No Change; No Repair Needed; Good; 229204
Y25	6/1/2015 13:08	51.2	35.1	0.3	13.4	-10.7		107	12		-25.9	No Change; No Repair Needed; Good; 232505
Y25	6/16/2015 13:43	52	35.8	0	12.2	-8.67		109	12		-19.29	No Change; No Repair Needed; Good; 236186
Y25	7/2/2015 13:13	56.1	37.4	0.1	6.4	-7.85	-8.54	105	8	12	-16.62	Slightly Open; No Repair Needed; Good
Y25	7/2/2015 13:15	56.1	37.5	0.1	6.3	-9.32		106	10		-17.22	2nd Reading; No Repair Needed; Good
Y25	7/27/2015 14:52	55	37.2	0.2	7.6	-10.61	-11.65	110	7	18	-16.96	Slightly Open; No Repair Needed; Good; 242506
Y25	7/27/2015 14:53	55.4	36.8	0.1	7.7	-13.03		110	17		-20.16	2nd Reading; No Repair Needed; Good
Y25	8/5/2015 14:03	51.1	36.8	0.2	11.9	-18.85		112	14		-29.31	No Change; No Repair Needed; Good; 242506
Y25	8/20/2015 13:55	49.6	36.1	0.4	13.9	-17.52		111	16		-27.54	No Change; No Repair Needed; Good; 242506
Y25	9/4/2015 12:09	47.5	34.8	0.1	17.6	-18.21	-17.77	114	15	5	-28.31	Slightly Closed; No Repair Needed; Good; 242506
Y25	9/4/2015 12:11	47.2	34.8	0.1	17.9	-16.09		114	8		-28.4	2nd Reading; No Repair Needed; Good
Y25	9/17/2015 13:55	50.7	36	0.3	13	-14.02		114	13		-28.18	No Change; No Repair Needed; Good; 247401
Y28	9/10/2014 10:28	52.3	36.9	0	10.8	-18.64	-18.68	109	30	34	-25.21	No Change; No Repair Needed; Good; 71226
Y28	9/25/2014 8:55	51.7	38.7	0	9.6	-18.14	-18.22	108	29	28	-23.6	No Change; No Repair Needed; Good; 73719
Y28	10/9/2014 10:20	53.6	37.1	0.2	9.1	-16.01	-16.09	108	33	32	-22.36	No Change; No Repair Needed; Good; 75981
Y28	10/23/2014 9:14	51.7	37.3	0.1	10.9	-16.05		107	30		-22.53	No Change; No Repair Needed; Good; 78168
Y28	11/5/2014 9:03	49.5	35.3	0.1	15.1	-17.08		106	32		-25.55	No Change; No Repair Needed; Good; 80109
Y28	11/19/2014 10:04	50.9	36	0.5	12.6	-8.28		102	18		-11.48	No Change; No Repair Needed; Good; 82117
Y28	12/5/2014 9:15	55.7	37.1	0.2	7	-10.61		104	24		-15.84	No Change; No Repair Needed; Good; 83849
Y28	12/18/2014 9:13	57.8	36.9	0.1	5.2	-12.47		103	27		-19.03	No Change; No Repair Needed; Good; 85378
Y28	1/22/2015 9:15	57.8	37.5	0.2	4.5	-15.62	-15.88	104	28	29	-25.42	Slightly Open; No Repair Needed; Good; 89133
Y28	1/22/2015 9:17	57.3	37.3	0.4	5	-16.13		105	40		-25.16	2nd Reading; No Repair Needed; Good
Y28	2/3/2015 9:33	57.5	36	0.4	6.1	-16.82	-17	100	30	31	-26.28	Slightly Open; No Repair Needed; Good; 91130
Y28	2/3/2015 9:35	57.5	36.6	0.3	5.6	-17.52		101	32		-26.59	2nd Reading; No Repair Needed; Good
Y28	3/3/2015 9:39	56.9	35.7	0.6	6.8	-10.96		100	24		-16.23	No Change; No Repair Needed; Good; 96143
Y28	3/18/2015 9:16	59.2	36.8	0.7	3.3	-12.04	-12.04	100	19	25	-17.05	Slightly Open; No Repair Needed; Good; 99478
Y28	3/18/2015 9:17	59.3	36.5	0.7	3.5	-12.21		100	27		-17.26	2nd Reading; No Repair Needed; Good
Y28	4/2/2015 9:25	56.8	34.7	1.2	7.3	-13.03		103	25		-20.72	No Change; No Repair Needed; Good; 105782
Y28	4/17/2015 12:05	60	36.9	0.2	2.9	-12.68	-12.73	106	30	31	-20.46	Slightly Open; No Repair Needed; Good; 110591
Y28	4/17/2015 12:06	60.7	37.3	0.1	1.9	-13.03		106	32		-20.24	2nd Reading; No Repair Needed; Good
Y28	5/5/2015 9:40	60.5	36.7	0.1	2.7	-17.21	-17.56	107	34	30	-25.55	Slightly Open; No Repair Needed; Good; 118118
Y28	5/5/2015 9:41	60.6	37.3	0.1	2	-17.56		107	31		-25.81	2nd Reading; No Repair Needed; Good
Y28	5/20/2015 12:08	59.1	36.7	0.3	3.9	-18.21	-18.25	108	36	34	-25.25	Slightly Open; No Repair Needed; Good; needs valve
Y28	5/20/2015 12:09	60.1	37	0.3	2.6	-18.55		108	34		-25.16	2nd Reading; No Repair Needed; Good; 123147

Green Valley Landfill
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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
Y28	6/1/2015 11:53	57.8	35.4	0.2	6.6	-17.21		107	34		-23.48	No Change; No Repair Needed; Good; 126364
Y28	6/16/2015 12:16	57.8	37	0.1	5.1	-13.46		109	32		-19.64	No Change; No Repair Needed; Good; 129679
Y28	7/2/2015 10:39	60.8	38.3	0	0.9	-12.38		107	25		-16.57	No Change; No Repair Needed; Good; 132830; valve full open
Y28	7/27/2015 12:24	59.5	38.2	0.2	2.1	-13.03		108	28		-18.04	No Change; No Repair Needed; Good; 140034; valve full open
Y28	8/5/2015 12:43	57.7	37.9	0.3	4.1	-19.8		108	34		-28.18	No Change; No Repair Needed; Good; 142668
Y28	8/20/2015 12:33	56.5	36.9	0.7	5.9	-13.98		108	39		-23.61	No Change; No Repair Needed; Good; 146660; valve full open
Y28	9/4/2015 9:36	55.5	36.1	0.7	7.7	-17.56		109	37		-26.28	No Change; No Repair Needed; Good; 149916
Y28	9/17/2015 12:19	53.3	36.6	1.8	8.3	-16.05		109	40		-25.85	No Change; No Repair Needed; Good
Y29	9/10/2014 12:25	58.8	38.6	0	2.6	-0.01	-0.29	92	7	7	-24.47	Slightly Open; No Repair Needed; Good; 111002
Y29	9/10/2014 12:26	56.1	38.9	1	4	-0.74	-0.73	93	8	6	-24.82	2nd Reading; No Repair Needed; Good
Y29	9/25/2014 11:07	49.2	34.5	2	14.3	-1.12	-1.11	99	8	6	-23.9	No Change; No Repair Needed; Good; 111015
Y29	10/9/2014 12:12	51.6	35.7	1	11.7	-1.73	-1.71	100	15	13	-23.48	No Change; No Repair Needed; Good; 111111
Y29	10/23/2014 11:37	0	0.1	21	78.9	1.69	-0.04	73	0	0	-21.41	Slightly Open; Pump Maintenance Required; Fair; 111369; pump bypassing into well
Y29	10/23/2014 11:38	0	0	20.8	79.2	-0.79		78	0		-21.19	2nd Reading; Pump Maintenance Required; Fair
Y29	11/5/2014 11:03	41.3	31.3	0.4	27	-0.91	-0.82	101	12	8	-24.9	Slightly Closed; No Repair Needed; Good; 112564
Y29	11/5/2014 11:04	41.1	30.7	0.5	27.7	-0.69		99	10		-25.21	2nd Reading; No Repair Needed; Good
Y29	11/19/2014 11:10	53	34.5	0	12.5	0.29	-0.21	79	0	27	-21.58	Slightly Open; No Repair Needed; Good; 116043
Y29	11/19/2014 11:11	53.1	35.7	0.1	11.1	-0.23		86	5		-21.45	2nd Reading; No Repair Needed; Good
Y29	12/5/2014 10:19	56.7	35.8	0	7.5	-0.29		89	6		-15.93	No Change; No Repair Needed; Good; 117974
Y29	12/18/2014 10:14	54.9	35.7	0.8	8.6	-0.65		76	7		-18.13	No Change; No Repair Needed; Good; 120186
Y29	1/22/2015 10:31	46.2	34.6	0.8	18.4	-1.62	-1.5	73	6	5	-23.18	Slightly Closed; No Repair Needed; Good; 120186
Y29	1/22/2015 10:32	45.9	34.7	0.7	18.7	-1.28		72	6		-23.09	2nd Reading; No Repair Needed; Good
Y29	2/3/2015 10:51	46.3	34.8	0.9	18	-1.18	-1.17	49	0	2	-24.9	Slightly Closed; No Repair Needed; Good; 120186
Y29	2/3/2015 10:52	46	35.9	0.4	17.7	-1.15		50	2		-25.55	2nd Reading; No Repair Needed; Good
Y29	3/3/2015 10:56	56.5	35.1	0	8.4	0.64	-0.02	54	0	7	-13.81	Slightly Open; No Repair Needed; Good; 120186
Y29	3/3/2015 10:57	56	36.9	0	7.1	-0.44		66	8		-14.07	2nd Reading; No Repair Needed; Good
Y29	3/18/2015 10:23	54.1	34	0.8	11.1	-3.9		97	9		-16.88	No Change; No Repair Needed; Good; 120186
Y29	4/2/2015 10:25	40.5	30.5	1	28	-4.3	-3.85	106	6	4	-21.75	Slightly Closed; No Repair Needed; Good; 120186
Y29	4/2/2015 10:26	40	30.4	0.9	28.7	-3.11		102	3		-21.41	2nd Reading; No Repair Needed; Good
Y29	4/17/2015 13:16	47.6	32	0.5	19.9	-2.16	-2.09	101	6	7	-18.95	Slightly Closed; No Repair Needed; Good; 120186
Y29	4/17/2015 13:17	48.1	32.2	0.4	19.3	-1.95		100	9		-18.6	2nd Reading; No Repair Needed; Good
Y29	5/5/2015 12:58	48.2	32.6	1.2	18	-1.22		99	9		-24.6	No Change; No Repair Needed; Good; 120199
Y29	5/20/2015 13:21	53.5	34.4	0.4	11.7	-1.07		97	7		-24.6	No Change; No Repair Needed; Good; 120201
Y29	6/1/2015 12:58	53.1	34	0.5	12.4	-1.56		99	9		-24.69	No Change; No Repair Needed; Good; 120201
Y29	6/16/2015 13:28	52.7	35.1	0.6	11.6	-1.22		107	9		-18.99	No Change; No Repair Needed; Good; 120201
Y29	7/2/2015 13:00	55.8	36.4	0.5	7.3	-1.36		100	4		-16.92	No Change; No Repair Needed; Good; 120201
Y29	7/27/2015 14:45	57.3	34.7	0.5	7.5	-1.6	-1.84	108	11	8	-16.18	Slightly Open; No Repair Needed; Good; 120201
Y29	7/27/2015 14:46	57.3	35.1	0.4	7.2	-2.26		109	6		-16.27	2nd Reading; No Repair Needed; Good
Y29	8/5/2015 14:00	50.2	36.1	0.5	13.2	-4.17		113	13		-28.36	No Change; No Repair Needed; Good; 120201
Y29	8/20/2015 13:52	48.6	36.5	0.4	14.5	-3.63		113	11		-24.26	No Change; No Repair Needed; Good; 120211
Y29	9/4/2015 12:05	45	36	0.4	18.6	-3.99	-3.26	116	12	7	-27.67	Slightly Closed; No Repair Needed; Good; 120211
Y29	9/4/2015 12:06	44.2	34.8	0.5	20.5	-2.23		115	6		-26.72	2nd Reading; No Repair Needed; Good
Y29	9/17/2015 13:50	54.9	37.8	0.5	6.8	-0.74	-0.86	104	9	8	-26.03	Slightly Open; No Repair Needed; Good; 120211
Y29	9/17/2015 13:51	55.2	38	0.5	6.3	-1.07		104	10		-25.51	2nd Reading; No Repair Needed; Good
Y30	9/10/2014 10:32	55.9	34.7	0.2	9.2	-2.11	-2.23	103	7	8	-23.91	Slightly Open; No Repair Needed; Good
Y30	9/10/2014 10:33	56.4	36.8	0.2	6.6	-2.36	-2.37	105	33	34	-25.64	2nd Reading; No Repair Needed; Good
Y30	9/25/2014 9:01	47.9	35.3	0.8	16	-2.82	-2.76	102	39	39	-24.2	No Change; No Repair Needed; Good
Y30	10/9/2014 10:25	56	35	0.1	8.9	-1.8	-1.88	91	30	33	-19.64	Slightly Open; No Repair Needed; Good
Y30	10/9/2014 10:26	57	36.2	0.1	6.7	-2.05	-2.05	95	42	42	-21.45	2nd Reading; No Repair Needed; Good

Green Valley Landfill

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
Y30	10/23/2014 9:20	50.9	34.8	0.5	13.8	-2.46		92	27		-22.18	No Change; No Repair Needed; Good
Y30	11/5/2014 9:08	49.3	33.1	0.5	17.1	-2.47		84	15		-22.83	No Change; No Repair Needed; Good
Y30	11/19/2014 10:09	56.7	35.2	0	8.1	-0.53		69	0		-11.48	No Change; No Repair Needed; Good
Y30	12/5/2014 9:19	60.8	36.6	0	2.6	-0.81	-0.86	69	4	14	-13.81	Slightly Open; No Repair Needed; Good
Y30	12/5/2014 9:20	61	37.3	0	1.7	-1.02		75	37		-15.49	2nd Reading; No Repair Needed; Good
Y30	12/18/2014 9:16	57.7	37.1	0.1	5.1	-2.26		81	19		-17.09	No Change; No Repair Needed; Good
Y30	1/22/2015 9:21	57.4	36	0.3	6.3	-2.54	-2.66	67	0	16	-22.7	Slightly Open; No Repair Needed; Good
Y30	1/22/2015 9:23	57.2	35.8	0.3	6.7	-2.85		77	6		-25.21	2nd Reading; No Repair Needed; Good
Y30	2/3/2015 9:41	61.6	37.5	0	0.9	-0.9	-1.29	79	6	21	-25.9	Slightly Open; No Repair Needed; Good
Y30	2/3/2015 9:42	60.7	38.6	0	0.7	-1.9		97	12		-25.59	2nd Reading; No Repair Needed; Good
Y30	3/3/2015 9:43	41.9	31.6	1.8	24.7	-4.51	-4.16	99	22	10	-16.23	Slightly Closed; No Repair Needed; Good
Y30	3/3/2015 9:44	42.2	30.4	1.8	25.6	-3.81		94	7		-16.23	2nd Reading; No Repair Needed; Good
Y30	3/18/2015 9:22	59	35.6	0.1	5.3	-4.13	-4.28	74	0	3	-16.75	Slightly Open; No Repair Needed; Good
Y30	3/18/2015 9:23	58.9	36.3	0.1	4.7	-4.36		80	6		-13.9	2nd Reading; No Repair Needed; Good
Y30	4/2/2015 9:31	49.4	31.2	0.5	18.9	-3.43		91	30		-19.55	No Change; No Repair Needed; Good
Y30	4/17/2015 12:11	62.9	36.4	0	0.7	2.17	-0.06	97	0	0	-17.18	Slightly Open; No Repair Needed; Good
Y30	4/17/2015 12:12	62.8	36.5	0	0.7	-0.62		109	23		-19.9	2nd Reading; No Repair Needed; Good
Y30	5/5/2015 9:45	45.8	31.9	1.4	20.9	-10.66	-9.97	111	40	35	-25.59	Slightly Closed; No Repair Needed; Good
Y30	5/5/2015 9:46	45.6	30.4	1.7	22.3	-9.62		110	29		-25.59	2nd Reading; No Repair Needed; Good
Y30	5/20/2015 12:13	50	33.1	0.9	16	-5.44		109	15		-24.69	No Change; No Repair Needed; Good
Y30	6/1/2015 11:58	35.6	29.7	1.7	33	-6.56	-6.21	107	14	8	-23.56	Slightly Closed; No Repair Needed; Fair
Y30	6/1/2015 11:59	35.3	28.1	1.7	34.9	-5.65		105	8		-23.87	2nd Reading; No Repair Needed; Fair
Y30	6/16/2015 12:21	51.2	32.8	0.1	15.9	-1.58		103	33		-17.91	No Change; No Repair Needed; Good
Y30	7/2/2015 10:44	58.8	35.4	0	5.8	-1.76	-1.83	88	26	30	-14.72	Slightly Open; No Repair Needed; Good
Y30	7/2/2015 10:45	58.7	36	0	5.3	-1.97		90	6		-14.5	2nd Reading; No Repair Needed; Good
Y30	7/27/2015 12:29	56.6	35.6	0	7.8	-4.35	-4.41	102	13	7	-18.3	Slightly Open; No Repair Needed; Good
Y30	7/27/2015 12:30	56.8	35.6	0	7.6	-4.58		105	8		-17.65	2nd Reading; No Repair Needed; Good
Y30	8/5/2015 12:47	41.1	32.5	0.6	25.8	-8.15	-7.81	109	8	7	-27.36	Slightly Closed; No Repair Needed; Good
Y30	8/5/2015 12:48	40.7	32.1	0.6	26.6	-7.46		108	7		-28.31	2nd Reading; No Repair Needed; Good
Y30	8/20/2015 12:37	49.1	33.3	0	17.6	-2.51		97	5		-22.31	No Change; No Repair Needed; Good
Y30	9/4/2015 9:41	48.2	32.8	0.3	18.7	-3.31		95	7		-25.98	No Change; No Repair Needed; Good
Y30	9/17/2015 12:24	54.6	34.9	0.1	10.4	-2.45	-2.51	92	5	5	-25.12	Slightly Open; No Repair Needed; Good
Y30	9/17/2015 12:26	54.9	35.6	0.1	9.4	-2.65		94	7		-24.08	2nd Reading; No Repair Needed; Good
Y31	9/10/2014 10:40	55.9	37.6	0	6.5	-24.07	-23.81	109	10	15	-23.95	No Change; No Repair Needed; Good
Y31	9/25/2014 9:07	53.5	38.7	0	7.8	-24.47	-24.13	107	20	20	-25.27	No Change; No Repair Needed; Good
Y31	10/9/2014 10:33	57.7	37	0	5.3	-22.35	-22.43	105	13	18	-22.31	No Change; No Repair Needed; Good
Y31	10/23/2014 9:27	57.2	37.4	0	5.4	-22.04		105	11		-22.18	No Change; No Repair Needed; Good
Y31	11/5/2014 9:16	53.9	35.5	0	10.6	-24.85		104	22		-25.59	No Change; No Repair Needed; Good
Y31	11/19/2014 10:17	55.6	36.1	0	8.3	-10.74		94	7		-10.4	No Change; No Repair Needed; Good
Y31	12/5/2014 9:27	57.6	35.9	0	6.5	-16.01		90	11		-15.88	No Change; No Repair Needed; Good
Y31	12/18/2014 9:23	57.5	35.3	0	7.2	-18.25		98	13		-18.43	No Change; No Repair Needed; Good
Y31	1/22/2015 9:33	54.3	37.4	0	8.3	-23.73		102	9		-23.52	No Change; No Repair Needed; Good
Y31	2/3/2015 9:51	47.9	36.9	0	15.2	-24.07	-24.07	95	12	11	-24.21	Slightly Closed; No Repair Needed; Good
Y31	2/3/2015 9:52	47.9	35.9	0	16.2	-24.07		96	16		-24.21	2nd Reading; No Repair Needed; Good
Y31	3/3/2015 9:51	54.1	35.8	0	10.1	-15.53		95	15		-15.19	No Change; No Repair Needed; Good
Y31	3/18/2015 9:31	59.1	36	0.3	4.6	-16.87		88	12		-17.13	No Change; No Repair Needed; Good
Y31	4/2/2015 9:38	52.9	33.1	0.5	13.5	-19.59		98	16		-19.81	No Change; No Repair Needed; Good
Y31	4/17/2015 12:16	54.3	35.5	0	10.2	-18.9		104	8		-18.99	No Change; No Repair Needed; Good
Y31	5/5/2015 9:56	55.3	33.1	0.2	11.4	-25.15		101	18		-25.59	No Change; No Repair Needed; Good
Y31	5/20/2015 12:21	55.4	35.4	0.1	9.1	-24.85		104	15		-25.25	No Change; No Repair Needed; Good

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Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
Y31	6/1/2015 12:06	56.3	36.4	0	7.3	-23.55		94	20		-24.51	No Change; No Repair Needed; Good
Y31	6/16/2015 12:30	56.9	36.3	0	6.8	-18.98		106	13		-19.29	No Change; No Repair Needed; Good
Y31	7/2/2015 10:54	59.8	37.6	0	2.6	-22.35		106	22		-23.22	No Change; No Repair Needed; Good
Y31	7/27/2015 12:39	60.4	37	0	2.6	-17.17		108	12		-17.26	No Change; No Repair Needed; Good
Y31	8/5/2015 12:55	59.1	37.5	0	3.4	-28.13		110	9		-28.4	No Change; No Repair Needed; Good
Y31	8/20/2015 12:43	56.3	37	0	6.7	-23.12		107	16		-23.82	No Change; No Repair Needed; Good
Y31	9/4/2015 9:48	56.5	36.8	0.3	6.4	-25.93		107	10		-25.85	No Change; No Repair Needed; Good
Y31	9/17/2015 12:34	55.9	36.6	0.1	7.4	-25.5		110	18		-25.94	No Change; No Repair Needed; Good
Y33	9/10/2014 11:27	26	21.8	4.9	47.3	-1.11	-1.05	103	7	5	-19.55	No Change; No Repair Needed; Fair; valve barely cracked
Y33	9/25/2014 9:52	26.1	22.3	4.9	46.7	-1.72	-1.71	117	4	7	-18.44	No Change; No Repair Needed; Fair; valve barely cracked; well influence
Y33	10/9/2014 11:20	30	23.2	4.1	42.7	-2.16	-2.13	119	13	12	-21.1	No Change; No Repair Needed; Fair; valve barely cracked; well influence
Y33	10/23/2014 10:14	22.6	21.9	4.9	50.6	-2.16		119	5		-18.77	No Change; No Repair Needed; Fair; well influence
Y33	11/5/2014 10:51	23.1	21.8	4.9	50.2	-2.61		127	0		-17.52	No Change; No Repair Needed; Fair; valve barely cracked; well influence
Y33	11/19/2014 10:59	33.4	28.1	0.9	37.6	0.36	-0.01	45	4	12	-20.98	Slightly Open; No Repair Needed; Fair
Y33	11/19/2014 11:01	34.9	27.7	0.3	37.1	-0.01		93	8		-20.8	2nd Reading; No Repair Needed; Fair
Y33	12/5/2014 10:10	44.4	31.9	2.1	21.6	-1.32	-1.27	116	8	7	-15.93	Slightly Closed; No Repair Needed; Fair
Y33	12/5/2014 10:11	44.4	30.6	2.1	22.9	-1.23		113	7		-15.49	2nd Reading; No Repair Needed; Fair
Y33	12/18/2014 10:05	38.3	31.4	3.4	26.9	-2		89	0		-17.61	No Change; No Repair Needed; Fair; valve barely cracked
Y33	1/22/2015 10:22	29.4	25.6	3.1	41.9	-4.88		99	5		-18.56	No Change; No Repair Needed; Fair; valve barely cracked
Y33	2/3/2015 10:40	23.6	22.2	4	50.2	-7.51		99	0		-20.11	No Change; No Repair Needed; Fair; valve barely cracked; well influence
Y33	3/3/2015 10:44	31.9	26.7	1.4	40	-1.25		56	2		-14.16	No Change; No Repair Needed; Fair; valve barely cracked; well influence
Y33	3/18/2015 10:14	47.2	29.5	0.1	23.2	-4.23		66	25		-15.41	No Change; No Repair Needed; Good; valve barely cracked
Y33	4/2/2015 10:17	31.6	24.1	0.4	43.9	-3.66		76	2		-16.66	No Change; No Repair Needed; Fair; valve barely cracked
Y33	4/17/2015 12:56	38.5	28	0	33.5	-4.37		84	8		-15.49	No Change; No Repair Needed; Good; valve barely cracked; well influence
Y33	5/5/2015 12:49	33.2	28.3	0	38.5	-5.22		95	5		-19.55	No Change; No Repair Needed; Good; valve barely cracked; well influence
Y33	5/20/2015 13:09	26.2	25.7	0	48.1	-4.12		88	0		-19.68	No Change; No Repair Needed; Good
Y33	6/1/2015 12:49	26	26	0.1	47.9	-3.51		83	23		-20.41	No Change; No Repair Needed; Fair; valve barely cracked
Y33	6/16/2015 13:18	34.1	28	0	37.9	-2.17		101	35		-15.54	Slightly Closed; No Repair Needed; Good
Y33	6/16/2015 13:19	34.1	28.4	0	37.5	-2.16		100	27		-15.49	2nd Reading; No Repair Needed; Good
Y33	7/2/2015 12:51	47.2	31.3	0.1	21.4	-2.74		91	3		-15.54	No Change; No Repair Needed; Fair; valve barely cracked
Y33	7/27/2015 13:28	49.7	34.2	0.2	15.9	-2.68		101	9		-15.58	No Change; No Repair Needed; Good
Y33	8/5/2015 13:42	42.7	31.3	0	26	-5.44	-5.35	107	8	6	-21.75	Slightly Closed; No Repair Needed; Good
Y33	8/5/2015 13:44	41.6	34	0	24.4	-5.35		107	6		-20.76	2nd Reading; No Repair Needed; Good
Y33	8/20/2015 13:35	38.2	31	0.1	30.7	-3.72		101	7		-18.17	No Change; No Repair Needed; Good; valve barely cracked
Y33	9/4/2015 10:40	39.9	31.6	0.3	28.2	-3.78		104	7		-20.11	No Change; No Repair Needed; Fair; valve barely cracked
Y33	9/17/2015 13:24	43.6	33.7	0.1	22.6	-2.74		103	8		-23.65	No Change; No Repair Needed; Good; valve barely cracked
Y34	9/10/2014 10:43	52.7	35.7	0	11.6	-6.95	-6.95	107	59	59	-24.51	No Change; No Repair Needed; Good
Y34	9/25/2014 9:10	50.8	37.2	0.2	11.8	-6.85	-6.85	105	24	23	-24.5	No Change; No Repair Needed; Good
Y34	10/9/2014 10:35	54.5	36.4	0	9.1	-6.51	-6.47	105	31	28	-22.92	No Change; No Repair Needed; Good
Y34	10/23/2014 9:29	51.5	36.7	0.2	11.6	-6.86		104	47		-22.87	No Change; No Repair Needed; Good
Y34	11/5/2014 9:19	51	35.4	0	13.6	-7.25		103	40		-25.33	No Change; No Repair Needed; Good
Y34	11/19/2014 10:19	52.4	36.1	0.1	11.4	-3.84		101	19		-10.4	No Change; No Repair Needed; Good
Y34	12/5/2014 9:30	57.1	35.9	0.2	6.8	-5.78		103	20		-15.58	No Change; No Repair Needed; Good

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
Y34	12/18/2014 9:25	57.7	36.4	0	5.9	-6.86		103	30		-18.86	No Change; No Repair Needed; Good
Y34	1/22/2015 9:35	50.8	36	0.2	13	-8.54		102	67		-24.82	No Change; No Repair Needed; Good
Y34	2/3/2015 9:56	45.3	34.8	0.3	19.6	-9.97	-9.53	100	0	0	-24.56	Slightly Closed; No Repair Needed; Good
Y34	2/3/2015 9:57	44.7	34.7	0.4	20.2	-8.89		98	23		-23.82	2nd Reading; No Repair Needed; Good
Y34	3/3/2015 9:53	53.5	34.7	0	11.8	-3.19		96	14		-15.58	No Change; No Repair Needed; Good
Y34	3/18/2015 9:35	59.8	35.5	0.5	4.2	-4.86		97	64		-16.79	No Change; No Repair Needed; Good
Y34	4/2/2015 9:40	52.7	33	0.4	13.9	-4.19		100	42		-19.16	No Change; No Repair Needed; Good
Y34	4/17/2015 12:18	54.8	33.5	0.3	11.4	-4.5		101	19		-19.29	No Change; No Repair Needed; Good
Y34	5/5/2015 9:58	48.7	31.4	0.2	19.7	-5.48		102	18		-22.79	No Change; No Repair Needed; Good
Y34	5/20/2015 12:23	51.1	32.9	0.2	15.8	-4.26		103	20		-23.39	No Change; No Repair Needed; Good
Y34	6/1/2015 12:09	54.3	33.9	0.2	11.6	-3.94		102	20		-24.26	No Change; No Repair Needed; Good
Y34	6/16/2015 12:32	57	36.1	0.1	6.8	-2.89	-3.07	104	17	19	-19.59	Slightly Open; No Repair Needed; Good
Y34	6/16/2015 12:34	56.8	36.8	0	6.4	-3.28		105	28		-17.95	2nd Reading; No Repair Needed; Good
Y34	7/2/2015 10:57	57.1	36.4	0	6.5	-4.25	-4.58	103	23	24	-21.88	Slightly Open; No Repair Needed; Good
Y34	7/2/2015 10:58	57.8	37.6	0	4.6	-4.72		103	20		-19.85	2nd Reading; No Repair Needed; Good
Y34	7/27/2015 12:41	56.5	36.9	0.3	6.3	-4.92		105	14		-16.92	No Change; No Repair Needed; Good
Y34	8/5/2015 12:57	50.2	35	0.2	14.6	-7.42		106	28		-29.69	No Change; No Repair Needed; Good
Y34	8/20/2015 12:45	51.8	35	0.2	13	-6.08		105	34		-23.26	No Change; No Repair Needed; Good
Y34	9/4/2015 9:51	51.4	35.6	0.5	12.5	-6.51		107	23		-24.43	No Change; No Repair Needed; Good
Y34	9/17/2015 12:36	52.8	36.3	0.4	10.5	-5.74		107	20		-25.85	No Change; No Repair Needed; Good
Y35	9/10/2014 11:22	51.8	35.4	0.1	12.7	-0.91	-0.91	120	34	34	-18.43	No Change; No Repair Needed; Good; 7101
Y35	9/25/2014 9:48	50.2	35.9	0.2	13.7	-1.17	-1.18	116	22	23	-18.1	No Change; No Repair Needed; Good; 9848
Y35	10/9/2014 11:15	53.4	33.6	0.1	12.9	-1.26	-1.25	111	9	10	-18.39	No Change; No Repair Needed; Good; 9890
Y35	10/23/2014 10:07	55.7	35.7	0	8.6	-1.27	-1.45	93	0	8	-14.24	Slightly Open; No Repair Needed; Good; 10523
Y35	10/23/2014 10:08	56.6	37.9	0	5.5	-1.56		98	8		-13.94	2nd Reading; No Repair Needed; Good
Y35	11/5/2014 10:43	45.4	32.6	1	21	-1.94	-1.83	121	25	23	-17.61	Slightly Closed; No Repair Needed; Good; 10523
Y35	11/5/2014 10:44	46.3	33.7	0.9	19.1	-1.71		118	8		-21.84	2nd Reading; No Repair Needed; Good
Y35	11/19/2014 10:55	42.8	29.7	4.1	23.4	-0.02		118	10		-20.41	No Change; No Repair Needed; Fair; 10523; valve barely cracked
Y35	12/5/2014 10:06	57.8	34.4	0	7.8	-2.14	-2.16	135	12	12	-15.24	No Change; No Repair Needed; Good; 19562
Y35	12/5/2014 10:07	57.1	36	0	6.9	-2.17		135	34		-15.54	2nd Reading; No Repair Needed; Good
Y35	12/5/2014 10:28	57.5	37.1	0	5.4	-2.16	-2.04	136	9	8	-15.84	Slightly Closed; No Repair Needed; Good
Y35	12/5/2014 10:30	58.2	37.3	0	4.5	-1.45		130	6		-15.49	2nd Reading; No Repair Needed; Good
Y35	12/18/2014 10:02	50.6	34.8	0.6	14	-1.45		95	4		-17.61	No Change; No Repair Needed; Good; 19652
Y35	1/22/2015 10:18	56.5	35.7	1	6.8	-4.07		85	4		-18.6	No Change; No Repair Needed; Good; 19652
Y35	2/3/2015 10:32	57.9	35.5	0	6.6	-5.44	-5.44	73	0	0	-20.46	Slightly Open; No Repair Needed; Good; 19652
Y35	2/3/2015 10:33	57.7	36.1	0	6.2	-5.48		78	2		-21.1	2nd Reading; No Repair Needed; Fair
Y35	3/3/2015 10:40	59.3	35.6	0	5.1	-0.66	-0.77	92	0	7	-14.5	Slightly Open; No Repair Needed; Good; 19652
Y35	3/3/2015 10:41	59.3	36	0	4.7	-0.83		95	13		-14.16	2nd Reading; No Repair Needed; Good
Y35	3/18/2015 10:11	51	34	1.1	13.9	-3.71		113	5		-15.41	No Change; No Repair Needed; Good; 19652
Y35	4/2/2015 10:14	14	18.4	2.7	64.9	-2.57	-2.53	107	0	0	-17.22	Slightly Closed; Pump Maintenance Required; Fair; 19654
Y35	4/2/2015 10:15	14.1	15.4	2.9	67.6	-2.36		101	0		-16.92	2nd Reading; Pump Maintenance Required; Fair
Y35	4/17/2015 12:53	48.3	28.9	2.3	20.5	-3.04		81	6		-15.54	No Change; Pump Maintenance Required; Good; 19654; valve barely cracked
Y35	5/5/2015 12:46	57.4	30.5	0.5	11.6	-3.18		91	4		-21.02	No Change; No Repair Needed; Good; 19654
Y35	5/20/2015 13:06	50.9	32.8	0.5	15.8	-2.23		102	6		-20.59	No Change; No Repair Needed; Good; 19654
Y35	6/1/2015 12:46	49.4	31.5	1.2	17.9	-1.76		103	9		-20.63	No Change; No Repair Needed; Good; 19654
Y35	6/16/2015 13:14	49	32.5	1.2	17.3	-0.92		113	8		-16.75	No Change; No Repair Needed; Good; 19654
Y35	7/2/2015 12:47	56.9	35.2	0.2	7.7	-1.45		104	35		-16.4	No Change; No Repair Needed; Good; 19654
Y35	8/5/2015 13:39	37.5	24.2	2.1	36.2	-2.57	-2.3	120	8	1	-21.06	Slightly Closed; No Repair Needed; Good; 19686
Y35	8/5/2015 13:40	38.4	23	2.3	36.3	-2.09		118	5		-21.75	2nd Reading; No Repair Needed; Good

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
Y35	8/20/2015 13:32	50.4	29.6	2.1	17.9	-1.18		91	4		-17.91	No Change; No Repair Needed; Good; 19686
Y35	9/4/2015 10:37	52.4	32.1	2.1	13.4	-1.23		96	7		-22.53	No Change; No Repair Needed; Good; 19686
Y35	9/17/2015 13:21	54.9	34.7	0.8	9.6	-0.48		95	7		-23.09	No Change; No Repair Needed; Good; 20242
Y36	9/10/2014 11:10	54.7	35.7	0	9.6	-16.61	-16.35	127	41	40	-18	No Change; No Repair Needed; Good
Y36	9/25/2014 9:37	52.6	36.9	0	10.5	-16.98	-16.85	126	44	41	-18.14	No Change; No Repair Needed; Good
Y36	10/9/2014 11:05	56.4	35.6	0	8	-18.55	-18.55	127	47	43	-20.11	No Change; No Repair Needed; Good
Y36	10/23/2014 9:58	52.9	36.1	0	11	-14.19		124	23		-14.8	No Change; No Repair Needed; Good
Y36	11/5/2014 10:33	50.9	35.4	0	13.7	-16.74		126	41		-18.56	No Change; No Repair Needed; Good
Y36	11/19/2014 10:44	54.2	35.6	0	10.2	-17.86		126	53		-20.46	No Change; No Repair Needed; Good
Y36	12/5/2014 9:58	56.9	34.4	0	8.7	-14.11		125	41		-15.49	No Change; No Repair Needed; Good
Y36	12/18/2014 9:53	57.9	36.3	0	5.8	-15.14		124	33		-16.23	No Change; No Repair Needed; Good
Y36	1/22/2015 10:08	57.6	35.3	0	7.1	-17.04		123	34		-17.82	No Change; No Repair Needed; Good
Y36	2/3/2015 10:22	53.8	36.5	0	9.7	-19.72		123	26		-20.41	No Change; No Repair Needed; Good
Y36	3/3/2015 10:30	56.8	35.3	0	7.9	-13.2		123	35		-14.03	No Change; No Repair Needed; Good
Y36	3/18/2015 10:02	58.8	35.2	0.1	5.9	-14.54		123	25		-15.41	No Change; No Repair Needed; Good
Y36	4/2/2015 10:05	53	33.5	0.3	13.2	-15.79		124	31		-16.92	No Change; No Repair Needed; Good
Y36	4/17/2015 12:44	53.7	34.7	0	11.6	-14.75		124	30		-15.45	No Change; No Repair Needed; Good
Y36	5/5/2015 10:27	55.2	34.1	0	10.7	-19.33		125	36		-20.37	No Change; No Repair Needed; Good
Y36	5/20/2015 12:55	50.4	33	0.1	16.5	-18.21		125	41		-19.94	No Change; No Repair Needed; Good
Y36	6/1/2015 12:37	49	33.5	0	17.5	-19.33		126	42		-20.37	No Change; No Repair Needed; Good
Y36	6/16/2015 13:04	50.3	33.8	0	15.9	-15.19		126	33		-16.18	No Change; No Repair Needed; Good
Y36	7/2/2015 11:31	54	35.3	0	10.7	-15.36		124	30		-15.88	No Change; No Repair Needed; Good
Y36	7/27/2015 13:15	52.9	35.2	0	11.9	-16.48		126	46		-18.34	No Change; No Repair Needed; Good
Y36	8/5/2015 13:28	50.7	35.2	0	14.1	-19.2		126	26		-19.34	No Change; No Repair Needed; Good
Y36	8/20/2015 13:22	48.3	34.5	0.1	17.1	-17.82		125	33		-18.95	No Change; No Repair Needed; Good
Y36	9/4/2015 10:26	50.7	34.5	0.4	14.4	-18.03		128	37		-19.12	No Change; No Repair Needed; Good
Y36	9/17/2015 13:11	52.1	34.8	0.1	13	-21.23		128	49		-22.87	No Change; No Repair Needed; Good
Y37	9/10/2014 11:04	53.8	34.7	0	11.5	-5.91	-5.95	91	14	15	-18.3	No Change; No Repair Needed; Good
Y37	9/25/2014 9:31	52	36.2	0	11.8	-5.9	-5.99	88	9	15	-17.46	No Change; No Repair Needed; Good
Y37	10/9/2014 10:58	55.4	33.8	0	10.8	-6.13	-6.51	89	17	22	-20.24	Slightly Open; No Repair Needed; Good
Y37	10/9/2014 10:59	56.2	34.5	0	9.3	-6.82	-6.86	89	24	21	-20.8	2nd Reading; No Repair Needed; Good
Y37	10/23/2014 9:53	49.4	35	0	15.6	-7.89		87	16		-17.65	No Change; No Repair Needed; Good
Y37	11/5/2014 10:27	47.2	33.6	0	19.2	-7.2	-6.86	86	24	14	-18.9	Slightly Closed; No Repair Needed; Good
Y37	11/5/2014 10:28	48.2	33.5	0	18.3	-6.51		84	10		-19.59	2nd Reading; No Repair Needed; Good
Y37	11/19/2014 10:38	50.7	34.2	0	15.1	-3.24		84	13		-20.07	No Change; No Repair Needed; Good
Y37	12/5/2014 9:51	56.5	35.2	0	8.3	-3.84		83	11		-15.24	No Change; No Repair Needed; Good
Y37	12/18/2014 9:47	56.9	35.9	0	7.2	-5.18		82	14		-17.22	No Change; No Repair Needed; Good
Y37	1/22/2015 10:00	57.7	36.3	0	6	-7.89	-8.2	81	11	11	-18.64	Slightly Open; No Repair Needed; Good
Y37	1/22/2015 10:01	56.9	33.1	0	10	-8.2		82	13		-18.21	2nd Reading; No Repair Needed; Good
Y37	2/3/2015 10:17	51.5	35.9	0	12.6	-12.34		80	9		-20.8	No Change; No Repair Needed; Good
Y37	3/3/2015 10:21	58.6	34	0	7.4	-5.74	-6.08	81	12	14	-14.98	Slightly Open; No Repair Needed; Good
Y37	3/3/2015 10:22	58.7	33.4	0	7.9	-6.13		83	16		-14.8	2nd Reading; No Repair Needed; Good
Y37	3/18/2015 9:57	64.3	34.3	0	1.4	-8.93		84	12		-15.28	No Change; No Repair Needed; Good
Y37	4/2/2015 10:00	54	33.1	0.2	12.7	-9.23		86	10		-16.75	No Change; No Repair Needed; Good
Y37	4/17/2015 12:39	57.6	35.1	0	7.3	-8.54		87	11		-15.54	No Change; No Repair Needed; Good
Y37	5/5/2015 10:20	55.8	33	0	11.2	-12.73	-13.07	88	15	19	-21.06	Slightly Open; No Repair Needed; Good
Y37	5/5/2015 10:21	55.7	32.9	0	11.4	-13.42		89	18		-20.46	2nd Reading; No Repair Needed; Good
Y37	5/20/2015 12:48	51.9	33.2	0.2	14.7	-13.03		88	12		-20.16	No Change; No Repair Needed; Good
Y37	6/1/2015 12:32	50.7	33.3	0	16	-13.42		88	21		-20.76	No Change; No Repair Needed; Good
Y37	6/16/2015 12:59	52.1	33.5	0	14.4	-10.4		91	12		-16.23	No Change; No Repair Needed; Good

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
Y37	7/2/2015 11:23	54.9	34.4	0	10.7	-11.3	-11.65	88	14	20	-18.95	Slightly Open; No Repair Needed; Good
Y37	7/2/2015 11:24	54.7	34	0	11.3	-11.99		88	25		-19.03	2nd Reading; No Repair Needed; Good
Y37	7/27/2015 13:08	56.9	35.7	0	7.4	-11.35	-12.04	90	15	23	-15.24	Slightly Open; No Repair Needed; Good
Y37	7/27/2015 13:09	56.7	35.1	0	8.2	-12.34		90	27		-14.89	2nd Reading; No Repair Needed; Good
Y37	8/5/2015 13:24	53.2	36.1	0	10.7	-17.82		90	26		-21.06	No Change; No Repair Needed; Good
Y37	8/20/2015 13:12	50.2	34.7	0	15.1	-17.13		90	25		-21.92	No Change; No Repair Needed; Good
Y37	9/4/2015 10:18	49.7	34.1	0.3	15.9	-15.75		89	20		-18.43	No Change; No Repair Needed; Good
Y37	9/17/2015 13:05	50.1	30.1	0.1	19.7	-18.16		90	27		-22.74	No Change; No Repair Needed; Good
Y55	9/10/2014 9:53	61.1	37.9	0	1	-26.27	-26.23	110	33	31	-26.28	No Change; No Repair Needed; Good; 1968
Y55	9/25/2014 8:30	59.2	38.7	0	2.1	-26.5	-26.5	109	28	33	-26.29	No Change; No Repair Needed; Good; 1968
Y55	10/9/2014 10:05	61.1	37.4	0	1.5	-26.14	-26.19	109	33	27	-26.24	No Change; No Repair Needed; Good; 1968
Y55	10/23/2014 8:55	61.5	36.3	0	2.2	-26.88		108	27		-27.02	No Change; No Repair Needed; Good; 1968
Y55	11/5/2014 8:48	60.6	35.5	0	3.9	-27.22		108	36		-27.06	No Change; No Repair Needed; Good; 1980
Y55	11/19/2014 9:32	57.4	36.3	0.1	6.2	-12.94		105	17		-13.08	No Change; No Repair Needed; Good; 1980
Y55	12/5/2014 8:59	57.8	37.5	0	4.7	-18.21		108	28		-18.3	No Change; No Repair Needed; Good; 2052
Y55	12/18/2014 8:57	57.3	37.2	0	5.5	-20.32		107	26		-20.33	No Change; No Repair Needed; Good; 2053
Y55	1/8/2015 9:31	58.3	34	0.3	7.4	-23.08		105	31		-22.87	No Change; No Repair Needed; Good; 2053
Y55	1/22/2015 8:51	57.4	37.1	0.1	5.4	-24.89		106	27		-24.86	No Change; No Repair Needed; Good; 2179
Y55	2/3/2015 9:12	57.3	36.8	0.1	5.8	-26.53		105	28		-26.93	No Change; Pump Maintenance Required; Fair; 7651
Y55	3/3/2015 9:23	62.7	36.4	0	0.9	-18.03		105	26		-18.26	No Change; No Repair Needed; Good; 7663
Y55	3/18/2015 8:59	60.7	35.3	0.3	3.7	-18.51		105	25		-18.6	No Change; Pump Maintenance Required; Fair; 7663
Y55	4/2/2015 9:00	56.1	33.9	1.7	8.3	-22.35		106	18		-22.44	No Change; Pump Maintenance Required; Good; 7663
Y55	4/17/2015 11:07	62.3	36.2	0	1.5	-20.06		106	26		-20.2	No Change; Pump Maintenance Required; Good; 7663
Y55	5/5/2015 9:23	62.2	35.7	0	2.1	-26.53		107	27		-26.63	No Change; No Repair Needed; Good; 7663
Y55	5/20/2015 10:43	61.1	38.7	0	0.2	-18.55	-19.93	106	27	27	-26.28	Slightly Open; No Repair Needed; Good
Y55	5/20/2015 10:44	61.6	38.1	0	0.3	-21.61		107	28		-27.71	2nd Reading; No Repair Needed; Good
Y55	6/1/2015 10:41	61.4	38.2	0	0.4	-25.15		105	30		-26.24	No Change; No Repair Needed; Good; 7838
Y55	6/16/2015 10:41	60.7	38.3	0	1	-20.53		107	20		-21.32	No Change; No Repair Needed; Good; 8091
Y55	7/2/2015 9:24	61.2	38.8	0	0	-24.85		106	28		-26.24	No Change; No Repair Needed; Good; 8541
Y55	7/27/2015 11:11	59.6	37.3	0	3.1	-18.55		107	24		-19.16	No Change; No Repair Needed; Good
Y55	8/5/2015 11:00	60.3	37.3	0	2.4	-29.47		107	33		-30.77	No Change; No Repair Needed; Good; 9249
Y55	8/20/2015 10:52	59.6	38	0.1	2.3	-20.45		106	21		-20.98	No Change; No Repair Needed; Good; 9425
Y55	9/4/2015 8:31	57.3	35.8	0.4	6.5	-29.38		107	31		-30.77	No Change; No Repair Needed; Good; 9894
Y55	9/17/2015 10:37	59.7	38.6	0.3	1.4	-29.38		107	34		-31.16	No Change; No Repair Needed; Good; 10043
Y56	9/10/2014 9:49	60.8	37.1	0	2.1	-26.7	-26.62	97	5	8	-26.67	No Change; No Repair Needed; Good; 54826
Y56	9/25/2014 8:28	61	36.9	0.2	1.9	-26.2	-26.2	93	11	9	-26.08	No Change; No Repair Needed; Good; 55749
Y56	10/9/2014 9:47	59.7	37.3	0	3	-26.23	-26.23	93	5	7	-26.63	No Change; No Repair Needed; Good; 56464
Y56	10/23/2014 8:40	58.4	37.9	0.1	3.6	-16.7	-17.77	84	19	28	-27.41	Slightly Open; No Repair Needed; Good; 56721; force main restricted
Y56	10/23/2014 8:41	60.9	38.6	0	0.5	-21.7		88	6		-26.72	2nd Reading; No Repair Needed; Good; force main restricted
Y56	11/5/2014 8:35	57.1	33.6	0.8	8.5	-23.08		87	27		-26.63	No Change; No Repair Needed; Good; 57257
Y56	11/19/2014 9:17	56.8	34.6	0.2	8.4	-12.51		77	0		-14.37	No Change; No Repair Needed; Good
Y56	12/5/2014 8:40	56.8	37.1	0	6.1	-16.01		83	32		-18.3	No Change; No Repair Needed; Good
Y56	12/18/2014 8:43	57.7	37.3	0	5	-17.9		75	8		-19.46	No Change; No Repair Needed; Good; 59805
Y56	1/8/2015 9:14	56.5	35.5	0.4	7.6	-21.05		74	19		-3.8	No Change; No Repair Needed; Fair; 60609
Y56	1/22/2015 8:36	57.6	37	0.1	5.3	-22.78		84	6		-25.51	No Change; No Repair Needed; Fair; force main restricted
Y56	2/3/2015 8:55	57.9	36.8	0.1	5.2	-23.12		78	19		-25.9	No Change; No Repair Needed; Fair; 62086; force main restricted
Y56	3/3/2015 9:07	58	35.7	0.1	6.2	-16.09		77	8		-18.26	No Change; No Repair Needed; Good; 63197; force main restricted
Y56	3/18/2015 8:43	59.7	36	0.4	3.9	-17.95		74	7		-17.95	No Change; No Repair Needed; Fair; 63812; force main restricted
Y56	4/2/2015 8:46	47.4	28.7	4.2	19.7	-23.04		80	8		-22.83	No Change; No Repair Needed; Fair; 64520; force main restricted
Y56	4/17/2015 10:59	52.1	35	2.7	10.2	-20.28		89	20		-20.37	No Change; Pump Maintenance Required; Good; 65012

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
Y56	5/5/2015 9:10	53.4	35.1	1.7	9.8	-26.88		87	20		-26.97	No Change; No Repair Needed; Good; 65991
Y56	6/1/2015 10:32	51.3	35.4	2.5	10.8	-23.47		89	40		-26.54	No Change; No Repair Needed; Good; 67183
Y56	6/16/2015 10:31	56.1	38.7	1	4.2	-19.28		95	38		-21.75	No Change; No Repair Needed; Good; 91165
Y56	7/2/2015 9:15	60.4	39.6	0	0	-17.17		87	0		-17.61	No Change; No Repair Needed; Good; 93202
Y56	7/27/2015 11:03	56.3	34.2	1.1	8.4	-25.15		94	0		-26.59	No Change; No Repair Needed; Good; 104095
Y56	8/5/2015 10:48	60.2	38	0	1.8	-29.81		98	0		-31.42	No Change; No Repair Needed; Good; 105155
Y56	8/20/2015 10:44	55.2	39.8	0.7	4.3	-25.5		94	0		-26.59	No Change; No Repair Needed; Good; 105818
Y56	9/4/2015 8:38	53.9	34.2	1.2	10.7	-29.98		96	0		-31.12	No Change; No Repair Needed; Fair; 115498
Y56	9/17/2015 10:39	55.7	37.4	1	5.9	-29.64		96	0		-30.82	No Change; No Repair Needed; Good; 115901
Y57	9/10/2014 9:40	54.7	36.1	0	9.2	-10.05	-10.7	97	10	10	-26.72	Slightly Open; No Repair Needed; Good; 10446
Y57	9/10/2014 9:42	54.5	37.1	0	8.4	-11.39	-11.39	98	12	13	-27.02	2nd Reading; No Repair Needed; Good
Y57	9/25/2014 8:18	50.1	35	0	14.9	-13.4	-13.14	95	16	13	-27.32	No Change; No Repair Needed; Good; 10446
Y57	10/9/2014 9:40	50.8	34.4	0	14.8	-13.72	-13.72	94	16	13	-27.36	No Change; No Repair Needed; Good; 10446
Y57	10/23/2014 8:33	51.7	34.7	0.1	13.5	-13.93		91	11		-27.06	No Change; No Repair Needed; Good; 10446
Y57	11/5/2014 8:27	50.5	33.4	0	16.1	-12.94		93	15		-27.23	No Change; No Repair Needed; Good; 10875
Y57	11/19/2014 9:08	53.8	34.1	0.3	11.8	-9.97		84	7		-16.88	No Change; No Repair Needed; Good; 11076
Y57	12/5/2014 8:31	57.6	35.6	0.1	6.7	-7.51		88	10		-16.23	No Change; No Repair Needed; Good; 11491
Y57	12/18/2014 8:36	57.8	36.6	0	5.6	-10.66		87	14		-21.19	No Change; No Repair Needed; Good; 11721
Y57	1/8/2015 9:03	51.3	34	0.5	14.2	-14.41		86	12		-24.43	No Change; No Repair Needed; Good; 11949
Y57	1/22/2015 8:28	54.4	34.5	0	11.1	-15.62	-16.13	91	12	13	-25.21	Slightly Open; No Repair Needed; Good; 12209
Y57	1/22/2015 8:29	54.2	35.2	0	10.6	-17.17		92	15		-24.82	2nd Reading; No Repair Needed; Good
Y57	2/3/2015 8:46	54.9	35.7	0	9.4	-19.5	-20.28	90	12	15	-26.93	Slightly Open; No Repair Needed; Good; 12424
Y57	2/3/2015 8:46	54.3	35.7	0	10	-20.97		91	16		-26.89	2nd Reading; No Repair Needed; Good
Y57	3/3/2015 8:58	60.1	35	0	4.9	-14.84	-15.75	90	20	24	-18.3	Slightly Open; No Repair Needed; Good; 12951
Y57	3/3/2015 8:59	60.5	35.3	0	4.2	-16.31		91	38		-18.3	2nd Reading; No Repair Needed; Good
Y57	3/18/2015 8:35	59.9	35.3	0.4	4.4	-17.08		88	31		-18.17	No Change; No Repair Needed; Good; 13244
Y57	4/2/2015 8:38	47.7	30	1.8	20.5	-21.05		92	0		-22.87	No Change; No Repair Needed; Good; 13596
Y57	4/17/2015 10:51	59.5	35.6	0	4.9	-19.24		93	13		-20.07	No Change; No Repair Needed; Good; 13845
Y57	5/5/2015 9:03	48.4	34.1	0.1	17.4	-25.15		95	13		-27.28	No Change; No Repair Needed; Good; 14388
Y57	5/20/2015 10:17	46.8	32.4	0	20.8	-22.82	-21.87	95	16	12	-26.63	Slightly Closed; No Repair Needed; Good; 14639
Y57	5/20/2015 10:18	47	32.5	0	20.5	-19.59		94	10		-26.67	2nd Reading; No Repair Needed; Good
Y57	6/1/2015 10:22	49	32.1	0	18.9	-13.63		92	13		-26.41	No Change; No Repair Needed; Good; 14883
Y57	6/16/2015 10:21	47.3	33.3	0	19.4	-12.38	-12.08	96	22	11	-22.05	Slightly Closed; No Repair Needed; Good; 15148
Y57	6/16/2015 10:22	48.4	33.7	0	17.9	-11.69		96	10		-22.14	2nd Reading; No Repair Needed; Good
Y57	7/2/2015 9:04	54.1	35.3	0	10.6	-9.58	-10.27	92	7	11	-19.68	Slightly Open; No Repair Needed; Good; 15389
Y57	7/2/2015 9:05	54.1	36.4	0	9.5	-11		93	35		-19.03	2nd Reading; No Repair Needed; Good
Y57	7/27/2015 10:56	49.5	32.6	2.3	15.6	-12.34		92	12		-19.34	No Change; Pump Maintenance Required; Fair; 324727
Y57	8/5/2015 10:39	45.8	33.5	1.4	19.3	-18.29	-17.99	97	11	11	-30.73	Slightly Closed; Pump Maintenance Required; Good; 324749
Y57	8/5/2015 10:40	50.3	35.7	0.2	13.8	-17.26		98	10		-30.82	2nd Reading; No Repair Needed; Good
Y57	8/20/2015 10:35	48.8	33.7	0	17.5	-12.6		95	10		-21.06	No Change; No Repair Needed; Good; 325430
Y57	9/4/2015 9:15	43.3	32.3	0.2	24.2	-15.01	-14.06	96	11	6	-29.13	Slightly Closed; No Repair Needed; Good; 326588
Y57	9/4/2015 9:16	44.8	33.8	0.2	21.2	-13.07		96	6		-29.52	2nd Reading; No Repair Needed; Good
Y57	9/17/2015 11:16	57.1	36.3	0.2	6.4	-7.94	-8.58	96	11	9	-30.82	Slightly Open; No Repair Needed; Good
Y57	9/17/2015 11:17	55.8	36.4	0.2	7.6	-9.28		96	14		-30.25	2nd Reading; No Repair Needed; Good
Y58	9/10/2014 9:37	55.7	35.1	0.5	8.7	-8.11	-8.67	105	24	34	-26.93	Slightly Open; No Repair Needed; Good; 292
Y58	9/10/2014 9:38	55.3	35.7	0.5	8.5	-9.36	-9.36	105	29	34	-27.15	2nd Reading; No Repair Needed; Good
Y58	9/25/2014 8:16	52.3	35.3	0.7	11.7	-10.04	-10.04	103	29	34	-26.68	No Change; No Repair Needed; Good; 292
Y58	10/9/2014 9:38	52.3	34.2	0.7	12.8	-9.92	-9.62	104	28	31	-25.25	No Change; No Repair Needed; Good; 293
Y58	10/23/2014 8:30	53.2	34.7	0.7	11.4	-9.66		103	31		-26.85	No Change; No Repair Needed; Good; 293
Y58	11/5/2014 8:25	51.1	34	0.9	14	-9.32		103	31		-27.15	No Change; No Repair Needed; Good; 303

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
Y58	11/19/2014 9:06	53.4	34.3	1.1	11.2	-8.63		101	26		-26.85	No Change; No Repair Needed; Good; 303
Y58	12/5/2014 8:29	55	33.4	0.8	10.8	-5.48		102	24		-16.23	No Change; No Repair Needed; Good; 303
Y58	12/18/2014 8:33	57	34.7	0.8	7.5	-7.2		101	20		-19.59	No Change; No Repair Needed; Good; 303
Y58	1/8/2015 9:01	53.3	33.5	1.1	12.1	-8.24		98	26		-24.56	No Change; No Repair Needed; Good; 303
Y58	1/22/2015 8:25	53.7	34.4	1.3	10.6	-9.23		99	31		-24.43	No Change; No Repair Needed; Good; 303
Y58	2/3/2015 8:43	55.9	35.2	1.1	7.8	-9.92		99	23		-27.06	No Change; No Repair Needed; Good; 303
Y58	3/3/2015 8:54	59.3	34.2	0.6	5.9	-4.98	-6.43	98	22	28	-18.56	Slightly Open; No Repair Needed; Good; 514
Y58	3/3/2015 8:55	59.5	35.2	0.6	4.7	-7.46		99	31		-18.43	2nd Reading; No Repair Needed; Good
Y58	3/18/2015 8:32	59.8	34.7	0.8	4.7	-10.96	-11.69	98	20	29	-18.13	Slightly Open; No Repair Needed; Good; 1099
Y58	3/18/2015 8:33	59.8	35	0.7	4.5	-12.51		98	26		-18.69	2nd Reading; No Repair Needed; Good
Y58	4/2/2015 8:36	53.7	31.1	1.2	14	-15.57		99	23		-23.09	No Change; No Repair Needed; Good; 2327
Y58	4/17/2015 10:47	60.8	35.6	0	3.6	-15.62	-16.48	99	29	36	-20.59	Slightly Open; No Repair Needed; Good; 2950
Y58	4/17/2015 10:48	61.1	35.7	0	3.2	-16.78		100	34		-20.76	2nd Reading; No Repair Needed; Good
Y58	5/5/2015 9:01	53	34.7	0.1	12.2	-21.18		99	40		-27.71	No Change; No Repair Needed; Good; 3346
Y58	5/20/2015 10:14	49.4	33.1	0.2	17.3	-20.28		100	42		-27.62	No Change; No Repair Needed; Good; 3625
Y58	6/1/2015 10:18	47.4	32.6	0.3	19.7	-20.02	-19.76	99	38	41	-27.06	Slightly Closed; No Repair Needed; Good; 3636
Y58	6/1/2015 10:19	47.3	32.1	0.3	20.3	-19.59		99	35		-27.02	2nd Reading; No Repair Needed; Good
Y58	6/16/2015 10:18	50.4	34.3	0.2	15.1	-15.83		100	39		-23.18	No Change; No Repair Needed; Good; 3636
Y58	7/2/2015 9:01	51.6	35.2	0.2	13	-18.21		99	41		-26.24	No Change; No Repair Needed; Good; 3636
Y58	7/27/2015 10:52	56.3	35.6	0.2	7.9	-14.24	-14.75	100	35	38	-19.34	Slightly Open; No Repair Needed; Good; 4159
Y58	7/27/2015 10:53	56.2	36.2	0.2	7.4	-15.1		100	35		-19.68	2nd Reading; No Repair Needed; Good
Y58	8/5/2015 10:34	47.7	32.5	0.3	19.5	-23.25	-22.13	100	47	42	-31.33	Slightly Closed; No Repair Needed; Good; 4251
Y58	8/5/2015 10:35	48.7	34.5	0.3	16.5	-21.79		100	41		-31.46	2nd Reading; No Repair Needed; Good
Y58	8/20/2015 10:33	48.2	32.3	0.3	19.2	-15.31		100	34		-22.01	No Change; No Repair Needed; Good; 4518
Y58	9/4/2015 9:11	42.5	30	0.5	27	-18.59	-17.56	100	44	41	-29.78	Slightly Closed; No Repair Needed; Good; 4687
Y58	9/4/2015 9:12	42.6	31.3	0.6	25.5	-17.21		100	36		-28.05	2nd Reading; No Repair Needed; Good
Y58	9/17/2015 11:13	49.6	32.5	0.5	17.4	-17.21		100	41		-30.64	No Change; No Repair Needed; Good; 4832
Y61	9/10/2014 9:27	60.1	22.9	0	17	-26.92	-26.66	93	11	10	-26.93	No Change; No Repair Needed; Good
Y61	9/25/2014 8:08	57.4	28.1	0	14.5	-27.19	-27.19	87	8	9	-27.02	No Change; No Repair Needed; Good
Y61	10/9/2014 9:29	57.6	27.3	0.1	15	-26.83	-26.83	83	35	36	-26.93	No Change; No Repair Needed; Good
Y61	10/23/2014 8:23	55.1	28.3	0	16.6	-26.57		86	24		-26.72	No Change; No Repair Needed; Good
Y61	11/5/2014 8:16	52.7	25.1	0	22.2	-26.88		75	22		-26.93	No Change; No Repair Needed; Good
Y61	11/19/2014 8:56	54.4	28	0.1	17.5	-26.92		61	6		-26.67	No Change; No Repair Needed; Good
Y61	12/5/2014 8:20	57.5	32.3	0.5	9.7	-16.74		56	7		-16.88	No Change; No Repair Needed; Good
Y61	12/18/2014 8:25	63.3	25.2	0.3	11.2	-20.41		46	9		-20.37	No Change; Pump Maintenance Required; Good
Y61	1/8/2015 8:53	52.1	26.4	0.5	21	-23.04		40	0		-23.13	No Change; No Repair Needed; Good
Y61	1/22/2015 8:17	54.1	29.6	0.2	16.1	-25.45		49	17		-25.51	No Change; No Repair Needed; Good
Y61	2/3/2015 8:31	51.9	26.2	0.1	21.8	-26.53		42	11		-26.33	No Change; No Repair Needed; Good
Y61	3/3/2015 8:45	42.9	19.8	6.8	30.5	-18.21	-15.53	41	6	0	-18.3	Slightly Closed; No Repair Needed; Fair
Y61	3/3/2015 8:46	44.5	16.6	6.8	32.1	-14.02		41	6		-18.26	2nd Reading; No Repair Needed; Fair
Y61	3/18/2015 8:22	34	13.5	10.9	41.6	-14.97	-13.76	41	0	0	-17.74	Slightly Closed; No Repair Needed; Fair
Y61	3/18/2015 8:23	34.5	12.5	11	42	-11.65		41	0		-18.21	2nd Reading; No Repair Needed; Fair
Y61	4/2/2015 8:28	68.6	26.9	1.1	3.4	-6.82		58	0		-22.49	No Change; No Repair Needed; Good
Y61	5/5/2015 8:53	59.5	32.5	3	5	-14.8		75	19		-26.93	No Change; No Repair Needed; Good
Y61	5/20/2015 10:06	63.8	32.4	0.9	2.9	-25.8		72	0		-26.63	No Change; No Repair Needed; Good
Y61	6/1/2015 10:10	54.9	36	1.9	7.2	-26.49		62	11		-26.59	No Change; No Repair Needed; Good
Y61	6/16/2015 10:10	62.6	29.9	0.7	6.8	-22		90	10		-21.97	No Change; No Repair Needed; Good
Y61	7/2/2015 8:52	37.1	19.3	8.1	35.5	-18.16	-17.99	72	11	7	-18	Slightly Closed; Pump Maintenance Required; Fair
Y61	7/2/2015 8:53	49.1	26.1	4.7	20.1	-18.21		71	6		-18.17	2nd Reading; Pump Maintenance Required; Fair
Y61	7/27/2015 10:42	0.9	0.4	19.9	78.8	-25.19	-25.15	82	0	0	-25.55	Slightly Closed; No Repair Needed; Fair

Green Valley Landfill
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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
Y61	7/27/2015 10:43	0.6	0.2	20	79.2	-26.53		82	6		-26.59	2nd Reading; No Repair Needed; Fair
Y61	8/5/2015 10:25	0.8	4.5	19.6	75.1	-30.41	-30.11	92	0	0	-30.77	Slightly Closed; Pump Maintenance Required; Fair; 917149
Y61	8/5/2015 10:26	0.4	0.9	20.3	78.4	-30.46		93	0		-30.82	2nd Reading; No Repair Needed; Fair
Y61	8/20/2015 10:24	1.6	9.1	19.7	69.6	-28.56	-28.56	79	0	0	-29	Slightly Closed; No Repair Needed; Fair; camera investigation required
Y61	8/20/2015 10:25	0.4	0.5	21.1	78	-30.28		79	3		-30.73	2nd Reading; No Repair Needed; Fair
Y61	9/4/2015 9:00	3.3	12.5	19.1	65.1	-27.91	-27.91	80	4	4	-28.1	Slightly Closed; No Repair Needed; Fair
Y61	9/4/2015 9:00	2.4	3.1	18.7	75.8	-27.61		81	8		-27.41	2nd Reading; No Repair Needed; Fair; remote restricted
Y61	9/17/2015 11:06	24.1	9	12.7	54.2	-29.72	-29.72	88	8	5	-30.21	Slightly Closed; No Repair Needed; Fair
Y61	9/17/2015 11:06	24.8	8.7	12.6	53.9	-29.98		89	7		-30.86	2nd Reading; No Repair Needed; Fair
Y62	9/10/2014 9:25	51	36.1	1.9	11	-27.01	-26.96	85	7	7	-26.93	No Change; No Repair Needed; Good
Y62	9/25/2014 8:06	53.3	40.2	0.4	6.1	-26.84	-26.84	74	10	13	-26.33	No Change; No Repair Needed; Good
Y62	10/9/2014 9:27	53.7	37.1	1.3	7.9	-26.83	-26.88	73	10	10	-26.93	No Change; No Repair Needed; Good
Y62	10/23/2014 8:21	55.4	40.4	0.2	4	-26.53		65	10		-26.37	No Change; No Repair Needed; Good
Y62	11/5/2014 8:14	51.2	38	0.4	10.4	-26.92		64	9		-26.93	No Change; No Repair Needed; Good
Y62	11/19/2014 8:54	54.4	36.4	0.9	8.3	-26.96		41	7		-26.97	No Change; No Repair Needed; Good
Y62	12/5/2014 8:18	56.4	34.7	0.5	8.4	-16.78		48	9		-16.57	No Change; No Repair Needed; Good
Y62	12/18/2014 8:23	51.2	33.1	2.7	13	-19.76		31	12		-19.68	No Change; Pump Maintenance Required; Good
Y62	1/8/2015 8:49	40	28.3	6.4	25.3	-23.04	-22	5	0	0	-23.48	Slightly Closed; No Repair Needed; Fair
Y62	1/8/2015 8:50	40.6	29.1	6.3	24	-16.82		5	0		-23.31	2nd Reading; No Repair Needed; Fair
Y62	1/22/2015 8:15	49.1	36.8	4.4	9.7	-25.45		36	6		-25.25	No Change; No Repair Needed; Fair
Y62	2/3/2015 8:29	49.7	32.8	3.3	14.2	-19.93		26	12		-27.62	No Change; No Repair Needed; Good
Y62	3/3/2015 8:42	49.5	31.3	4.1	15.1	-17.64		32	11		-18.3	No Change; No Repair Needed; Good
Y62	3/18/2015 8:19	39.6	27.7	7	25.7	-15.62	-15.27	32	0	0	-17.87	Slightly Closed; Pump Maintenance Required; Fair
Y62	3/18/2015 8:20	39.2	27.4	7.2	26.2	-12.04		32	0		-17.91	2nd Reading; No Repair Needed; Fair
Y62	3/18/2015 11:50	60.2	39.6	0	0.2	6.3	-0.19	52	7	0	-18.34	Slightly Open; No Repair Needed; Fair
Y62	3/18/2015 11:51	58.9	39.6	0.2	1.3	-5.78		52	17		-17.78	2nd Reading; No Repair Needed; Good
Y62	4/2/2015 8:26	46.7	30.9	4.3	18.1	-18.55		58	0		-22.53	No Change; No Repair Needed; Fair
Y62	4/17/2015 10:36	46.2	30.4	4.6	18.8	-15.27		74	22		-20.41	No Change; Pump Maintenance Required; Fair; valve barely cracked
Y62	5/5/2015 8:51	52.3	27.4	2.9	17.4	-4.06		73	19		-26.93	No Change; No Repair Needed; Good
Y62	5/20/2015 10:04	54.5	33.3	2.1	10.1	-0.38		74	2		-26.59	No Change; No Repair Needed; Good
Y62	6/1/2015 10:07	58.3	41.7	0	0	28.39	-0.53	70	10	11	-26.37	Slightly Open; No Repair Needed; Good
Y62	6/1/2015 10:08	58.5	41.5	0	0	-5.44		74	9		-26.24	2nd Reading; No Repair Needed; Good
Y62	6/16/2015 10:08	59	38.5	0	2.5	12.12	-1.3	90	9	8	-21.75	Slightly Open; No Repair Needed; Good
Y62	6/16/2015 10:08	59.1	39.9	0	1	-6.21		90	10		-21.32	2nd Reading; No Repair Needed; Good
Y62	7/2/2015 8:49	55.9	34.2	1.1	8.8	-7.2		81	8		-18.95	No Change; No Repair Needed; Good
Y62	7/27/2015 10:40	54.9	36.3	0.7	8.1	-6.17		87	7		-19.34	No Change; No Repair Needed; Good
Y62	8/5/2015 10:21	56	33.4	2	8.6	-23.47		91	6		-30.9	No Change; No Repair Needed; Good
Y62	8/20/2015 10:22	57.2	38.2	0.9	3.7	-9.28		86	9		-23.22	No Change; No Repair Needed; Good
Y62	9/4/2015 8:57	58.9	37.5	0.6	3	-18.25	-18.94	88	10	10	-31.55	Slightly Open; No Repair Needed; Good
Y62	9/4/2015 8:57	58.8	39	0.5	1.7	-19.63		88	11		-28.1	2nd Reading; No Repair Needed; Good
Y62	9/17/2015 11:03	57.4	33.2	1.1	8.3	-22.86		87	11		-30.82	No Change; No Repair Needed; Good
Y7R	9/10/2014 11:19	39.9	30.4	1.6	28.1	-9.02	-8.97	112	12	11	-17.87	No Change; No Repair Needed; Good; 99308
Y7R	9/25/2014 9:43	41	35.7	0.9	22.4	-8.4	-8.32	115	15	5	-12.72	Slightly Closed; No Repair Needed; Good; 115354
Y7R	9/25/2014 9:44	40.8	34.4	0.9	23.9	-8.36	-8.36	115	13	8	-16.9	2nd Reading; No Repair Needed; Good
Y7R	10/9/2014 11:12	46.7	33.6	1	18.7	-8.89	-8.89	113	9	11	-19.16	No Change; No Repair Needed; Good; 130584; well influence
Y7R	10/23/2014 10:03	38.5	33.4	1.2	26.9	-7.59	-7.55	106	8	4	-13.03	Slightly Closed; No Repair Needed; Fair; 144147; well influence
Y7R	10/23/2014 10:04	38.8	32.8	1.4	27	-7.2		101	4		-13.21	2nd Reading; No Repair Needed; Fair; well influence
Y7R	11/5/2014 10:40	36.2	24.7	1.5	37.6	-8.58		111	10		-19.34	No Change; No Repair Needed; Fair; 155540; well influence
Y7R	11/19/2014 10:50	37.5	29.5	1.9	31.1	-7.25		72	0		-19.16	No Change; No Repair Needed; Fair; valve barely cracked; well influence

Green Valley Landfill
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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
Y7R	12/5/2014 10:03	51.9	33.7	0.2	14.2	-6.47		72	6		-14.07	No Change; No Repair Needed; Good; 181281
Y7R	12/18/2014 9:59	53.3	35.8	0.8	10.1	-7.59		66	4		-15.71	No Change; No Repair Needed; Good; 193730
Y7R	1/22/2015 10:15	47.7	34.6	0.5	17.2	-10.66		70	5		-17.52	No Change; No Repair Needed; Fair; 213038; barely cracked
Y7R	2/3/2015 10:28	46.6	35.3	0.8	17.3	-12.34		68	10		-21.15	No Change; No Repair Needed; Good; 224133; well influence
Y7R	3/3/2015 10:37	54.2	35.6	0	10.2	-6.47		67	5		-14.11	No Change; No Repair Needed; Good; 253020
Y7R	3/18/2015 10:08	52.6	33.8	0.9	12.7	-8.28		76	0		-16.62	No Change; No Repair Needed; Good
Y7R	4/2/2015 10:10	48.4	32.8	1.2	17.6	-8.89		85	0		-16.44	No Change; No Repair Needed; Good; 299421; well influence
Y7R	4/17/2015 12:49	52.7	33	0.3	14	-9.58		90	4		-16.18	No Change; No Repair Needed; Good; 319138
Y7R	5/5/2015 10:33	52.2	33	0.2	14.6	-11.39		98	5		-20.41	No Change; No Repair Needed; Good; 354989
Y7R	5/20/2015 13:02	48	31.9	0.5	19.6	-9.58		95	1		-18.34	No Change; No Repair Needed; Good; 379659
Y7R	6/1/2015 12:43	48	32.8	0.4	18.8	-9.97		94	7		-21.41	No Change; No Repair Needed; Good; 399845
Y7R	6/16/2015 13:11	50.3	34.2	0.1	15.4	-7.25		103	4		-15.88	No Change; No Repair Needed; Good; 424078
Y7R	7/2/2015 12:44	50.8	34.8	0.1	14.3	-8.93		87	4		-20.37	No Change; No Repair Needed; Good; 445674
Y7R	7/27/2015 13:22	40.2	30.3	3.5	26	-8.58	-8.54	96	0	0	-21.71	Slightly Closed; No Repair Needed; Fair; 452974; well influence
Y7R	7/27/2015 13:23	40	29	3.9	27.1	-8.54		97	0		-12.43	2nd Reading; No Repair Needed; Fair
Y7R	8/5/2015 13:35	52.2	28.3	0.8	18.7	-11.56		102	11		-22.79	No Change; No Repair Needed; Good; 452974
Y7R	8/20/2015 13:28	44.4	33.2	1.7	20.7	-9.23		101	6		-17.61	No Change; No Repair Needed; Fair; 452974; valve barely cracked
Y7R	9/4/2015 10:33	46.1	31.6	2.3	20	-9.28		103	8		-18.04	No Change; No Repair Needed; Good; 452974; well influence
Y7R	9/17/2015 13:18	40.8	29.9	3.3	26	-10.57		99	6		-22.01	No Change; No Repair Needed; Good; 471317; valve barely cracked
P01	12/8/2014 8:42	0	7.9	9.5	82.6	0						No Change; No Repair Needed; Good
P01	3/9/2015 9:49	0	2.4	11.6	86	0.01						No Change; No Repair Needed; Good
P01	5/12/2015 9:44	0	1.2	14.2	84.6	-0.03						No Change; No Repair Needed; Good
P01	8/25/2015 14:05	0	7.5	14.2	78.3	0.02						No Change; No Repair Needed; Good
P02	12/8/2014 8:47	0	4.7	19.9	75.4	0						No Change; No Repair Needed; Good
P02	3/9/2015 9:30	0	0.5	21.6	77.9	0						No Change; No Repair Needed; Good
P02	5/12/2015 9:28	0	0.7	16.7	82.6	0						No Change; No Repair Needed; Good
P02	8/25/2015 14:34	0	2.3	20.8	76.9	0						No Change; No Repair Needed; Good
P03	12/8/2014 8:53	0	1.4	20.3	78.3	0						No Change; No Repair Needed; Good
P03	3/9/2015 9:41	0	4.3	6.5	89.2	-0.01						No Change; No Repair Needed; Good
P03	5/12/2015 9:36	0	1	17.8	81.2	0						No Change; No Repair Needed; Good
P03	8/25/2015 14:48	0	0.6	21	78.4	0						No Change; No Repair Needed; Good
P04	12/8/2014 9:01	0	0.1	21.5	78.4	0						No Change; No Repair Needed; Good
P04	3/9/2015 9:19	0	1.2	21	77.8	0						No Change; No Repair Needed; Good
P04	5/12/2015 9:17	0	2	20.5	77.5	-0.01						No Change; No Repair Needed; Good
P04	8/25/2015 14:16	0	5.3	19.9	74.8	0						No Change; No Repair Needed; Good
BLOUT	9/10/2014 8:41	50.5	34.3	1	14.2	5.87	6.34	93	770	770	0	No Change; No Repair Needed; Good
BLOUT	9/25/2014 7:11	49.2	34.1	1.3	15.4	5.9	5.9	92	460	460	0	No Change; No Repair Needed; Good
BLOUT	9/25/2014 11:48	50	34.2	1.1	14.7	5.51	5.86	100	460	460	0	No Change; No Repair Needed; Good
BLOUT	10/9/2014 8:39	51.3	32.8	1.2	14.7	6.26	6.21	84	430	430	0	No Change; No Repair Needed; Good
BLOUT	10/23/2014 7:30	48.1	32.9	1.2	17.8	8.58	8.33	83	700	700	-0.13	No Change; No Repair Needed; Good
BLOUT	10/23/2014 12:29	48.2	34	1.1	16.7	6.6	6.26	87	440	440	0	No Change; No Repair Needed; Good
BLOUT	11/5/2014 7:20	47.5	33.3	1.1	18.1	5.82	6.13	80	450	450	-0.04	No Change; No Repair Needed; Good
BLOUT	11/19/2014 7:53	50.3	32.2	1.3	16.2	6.13	6.21	63	410	410	0	No Change; No Repair Needed; Good
BLOUT	11/19/2014 13:10	50.9	33.8	1.3	14	7.29	7.33	66	420	420	-0.04	No Change; No Repair Needed; Good
BLOUT	12/5/2014 7:18	55.8	34.8	0.8	8.6	-17.04	-16.91	59	670	670	0	No Change; No Repair Needed; Good
BLOUT	12/18/2014 7:32	55.1	34.2	1.1	9.6	-21.44	-21.44	56	700	700	0.04	No Change; No Repair Needed; Good
BLOUT	12/18/2014 12:14	55.5	34.4	1	9.1	-21.01	-20.97	57	700	700	0	No Change; No Repair Needed; Good
BLOUT	1/8/2015 7:44	56.8	32.7	1	9.5	-25.5	-24.5	46	450	450	0	No Change; No Repair Needed; Good
BLOUT	1/22/2015 7:21	51.2	32.6	1.7	14.5	-32.74	-31.36	51	730	730	0	No Change; No Repair Needed; Good
BLOUT	1/22/2015 12:48	52.4	33.4	1.3	12.9	-25.93	-25.5	53	730	730	0.04	No Change; No Repair Needed; Good

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
BLOUT	2/3/2015 7:26	51.5	32.7	1.4	14.4	-29.59	-29.59	50	710	710	0	No Change; No Repair Needed; Good
BLOUT	2/17/2015 10:08	52.6	30.6	1.6	15.2	-30.72	-31.75	45	430	430	0	No Change; No Repair Needed; Good
BLOUT	2/17/2015 11:28	52.9	31.7	1.4	14	-30.63	-30.89	46	430	430	0.04	No Change; No Repair Needed; Good
BLOUT	3/3/2015 7:47	55.2	32	1.3	11.5	-19.89	-20.02	45	660	660	0	No Change; No Repair Needed; Good
BLOUT	3/18/2015 7:13	54.6	32.7	1.7	11	-18.94	-18.9	48	680	680	0.09	No Change; No Repair Needed; Good
BLOUT	3/18/2015 12:43	56.3	34.5	1.3	7.9	-18.68	-18.94	53	630	630	0.04	No Change; No Repair Needed; Good
BLOUT	4/2/2015 7:27	50.4	32.2	1.9	15.5	-23.38	-23.34	54	720	720	0	No Change; No Repair Needed; Good
BLOUT	4/14/2015 10:02	57.2	34.4	0.3	8.1	-14.28	-13.98	59	530	530	0	No Change; No Repair Needed; Good
BLOUT	4/14/2015 11:15	57.1	34.5	0.3	8.1	-19.2	-19.54	59	630	630	0.3	No Change; No Repair Needed; Good
BLOUT	4/17/2015 9:22	54.5	33.8	1	10.7	-23.81	-23.81	62	640	640	0	No Change; No Repair Needed; Good
BLOUT	4/17/2015 14:42	55.2	34.6	0.8	9.4	-20.02	-19.97	66	660	660	-0.04	No Change; No Repair Needed; Good
BLOUT	5/5/2015 7:48	51.1	32.6	1.6	14.7	5.78	5.57	82	450	450	0	No Change; No Repair Needed; Good
BLOUT	5/20/2015 9:02	46.2	30.4	2.7	20.7	5.87	5.69	88	540	540	0	No Change; No Repair Needed; Good
BLOUT	5/20/2015 14:09	51.4	33.7	1	13.9	5.87	6	95	500	500	-0.04	No Change; No Repair Needed; Good
BLOUT	6/1/2015 9:02	48.3	31.8	1.6	18.3	5.95	6.26	86	200	200	0.3	No Change; No Repair Needed; Good
BLOUT	6/16/2015 8:55	50.2	33.9	1.4	14.5	7.2	7.51	94	720	720	0	No Change; No Repair Needed; Good
BLOUT	6/16/2015 14:31	50.1	34.6	1.2	14.1	6.99	7.08	101	750	750	0	No Change; No Repair Needed; Good
BLOUT	7/2/2015 7:42	54.4	35.7	0.8	9.1	7.64	7.33	87	660	660	0	No Change; No Repair Needed; Good
BLOUT	7/27/2015 9:12	53.4	35.4	1	10.2	7.42	7.55	90	730	730	0	No Change; No Repair Needed; Good
BLOUT	7/27/2015 15:45	53.4	35.4	0.9	10.3	6.95	6.95	99	730	730	-0.04	No Change; No Repair Needed; Good
BLOUT	8/5/2015 9:15	48.6	32.7	1.6	17.1	5.78	5.78	102	530	530	-0.35	No Change; No Repair Needed; Good
BLOUT	8/5/2015 15:04	51.4	34.2	1	13.4	6.21	6.21	107	600	600	-0.04	No Change; No Repair Needed; Good
BLOUT	8/20/2015 9:20	50.4	33.5	0.9	15.2	7.68	7.68	92	720	720	0	No Change; No Repair Needed; Good
BLOUT	9/4/2015 7:28	46.5	32.7	1.6	19.2	7.25	7.94	95	710	710	0.04	No Change; No Repair Needed; Good
BLOUT	9/17/2015 14:28	49.9	34.5	1	14.6	8.63	7.94	108	500	500	0	No Change; No Repair Needed; Good
BLWIN	9/10/2014 8:40	50.5	33.6	1.1	14.8	-27.35	-27.26	85	770	770	0	No Change; No Repair Needed; Good
BLWIN	9/10/2014 13:12	50.7	34.1	1	14.2	-26.92	-27.14	85	820	820	0	No Change; No Repair Needed; Good
BLWIN	9/25/2014 7:09	50	31.9	1.5	16.6	-27.88	-26.84	81	670	670	0	No Change; No Repair Needed; Good
BLWIN	9/25/2014 11:46	50.3	32.7	1.2	15.8	-27.96	-26.88	82	700	700	0	No Change; No Repair Needed; Good
BLWIN	10/9/2014 8:37	52.1	32.4	1.3	14.2	-27.18	-27.09	79	660	660	0	No Change; No Repair Needed; Good
BLWIN	10/9/2014 14:13	50.6	33.4	1.2	14.8	-27.61	-27.7	79	710	710	-0.13	No Change; No Repair Needed; Good
BLWIN	10/23/2014 7:29	49.2	33.8	1.2	15.8	-27.61	-27.26	76	700	700	-0.04	No Change; No Repair Needed; Good
BLWIN	10/23/2014 12:26	49.1	32.8	1.2	16.9	-27.22	-26.96	76	700	700	0	No Change; No Repair Needed; Good
BLWIN	11/5/2014 7:18	48.1	31.8	1.3	18.8	-27.26	-27.91	73	700	700	0	No Change; No Repair Needed; Good
BLWIN	11/5/2014 13:41	47.5	32.3	1.2	19	-27.14	-27.31	74	710	710	-0.04	No Change; No Repair Needed; Good
BLWIN	11/19/2014 7:51	50.3	31.9	1.4	16.4	-26.96	-26.92	65	650	650	-0.04	No Change; No Repair Needed; Good
BLWIN	11/19/2014 13:08	51.2	32.4	1.1	15.3	-10.96	-10.96	64	420	420	-0.04	No Change; No Repair Needed; Good
BLWIN	12/5/2014 7:16	55.2	35.2	0.9	8.7	-16.82	-16.82	50	670	670	0	No Change; No Repair Needed; Good
BLWIN	12/5/2014 12:56	55	34.8	0.9	9.3	-17.95	-18.21	55	700	700	-0.04	No Change; No Repair Needed; Good
BLWIN	12/18/2014 7:31	55.6	33.7	1.2	9.5	-21.05	-20.66	43	700	700	0	No Change; No Repair Needed; Good
BLWIN	12/18/2014 12:12	55.3	34.4	1.2	9.1	-19.59	-19.59	49	700	700	0	No Change; No Repair Needed; Good
BLWIN	1/8/2015 7:42	55.8	32.4	1.4	10.4	-23.81	-23.38	20	450	450	0	No Change; No Repair Needed; Good
BLWIN	1/8/2015 11:02	52.9	33.1	2	12	-23.81	-24.55	33	440	440	-0.04	No Change; No Repair Needed; Good
BLWIN	1/22/2015 7:20	51.1	31.6	2	15.3	-29.59	-29.34	42	730	730	0.04	No Change; No Repair Needed; Good
BLWIN	1/22/2015 12:47	52.9	32.8	1.5	12.8	-25.15	-24.89	47	730	730	0	No Change; No Repair Needed; Good
BLWIN	2/3/2015 7:24	51.4	32.4	1.5	14.7	-28.56	-28.6	36	710	710	0	No Change; No Repair Needed; Good
BLWIN	2/3/2015 13:34	49.7	34	1.6	14.7	-26.49	-27.57	52	700	700	0	No Change; No Repair Needed; Good
BLWIN	2/17/2015 10:06	51.5	30.4	2	16.1	-33.78	-31.71	31	430	430	-0.04	No Change; No Repair Needed; Good
BLWIN	2/17/2015 11:26	51.4	30.4	2	16.2	-30.16	-33.43	37	430	430	0	No Change; No Repair Needed; Good
BLWIN	3/3/2015 7:45	55.2	31.6	1.5	11.7	-18.85	-19.11	37	660	660	0	No Change; No Repair Needed; Good

Green Valley Landfill
Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
BLWIN	3/3/2015 12:56	56.4	32.7	0.9	10	-14.93	-14.75	44	650	650	0	No Change; No Repair Needed; Good
BLWIN	3/18/2015 7:11	55.2	32.4	1.8	10.6	-18.08	-18.16	37	680	680	0.04	No Change; No Repair Needed; Good
BLWIN	3/18/2015 12:42	56.1	32.9	1.5	9.5	-18.03	-18.29	64	630	630	0	No Change; No Repair Needed; Good
BLWIN	4/2/2015 7:25	51	32.1	1.9	15	-22.04	-23.47	52	720	720	0	No Change; No Repair Needed; Good
BLWIN	4/2/2015 12:46	53.4	33.2	1.2	12.2	-22.35	-23.47	74	660	660	0	No Change; No Repair Needed; Good
BLWIN	4/14/2015 10:00	57.9	33.8	0.4	7.9	-14.28	-13.46	60	530	530	-0.04	No Change; No Repair Needed; Good
BLWIN	4/14/2015 11:13	57.7	33.7	0.4	8.2	-18.85	-18.81	59	630	630	0	No Change; No Repair Needed; Good
BLWIN	4/17/2015 9:21	55.1	33	1	10.9	-23.12	-22.86	67	640	640	0	No Change; No Repair Needed; Good
BLWIN	4/17/2015 14:41	55.6	33.9	1	9.5	-19.67	-19.33	87	660	660	0	No Change; No Repair Needed; Good
BLWIN	5/5/2015 7:45	51.6	31.5	1.6	15.3	-28	-27.22	65	680	680	0	No Change; No Repair Needed; Good
BLWIN	5/5/2015 14:22	51.7	33.5	1.2	13.6	-26.57	-27.09	68	690	690	0	No Change; No Repair Needed; Good
BLWIN	5/20/2015 8:59	46.6	29.3	2.8	21.3	-27.52	-27.61	73	710	710	-0.04	No Change; No Repair Needed; Good
BLWIN	5/20/2015 14:06	51.9	31.3	1.2	15.6	-27.39	-27.26	74	740	740	-0.04	No Change; No Repair Needed; Good
BLWIN	6/1/2015 8:59	48.5	30.4	1.8	19.3	-26.88	-27.87	76	710	710	0	No Change; No Repair Needed; Good
BLWIN	6/1/2015 14:06	49	31.7	1.3	18	-27.26	-26.92	77	740	740	0	No Change; No Repair Needed; Good
BLWIN	6/16/2015 8:53	50.4	33.5	1.3	14.8	-22.17	-22.74	80	720	720	0	No Change; No Repair Needed; Good
BLWIN	6/16/2015 14:30	50.6	33.7	1.1	14.6	-20.15	-20.32	81	750	750	0	No Change; No Repair Needed; Good
BLWIN	7/2/2015 7:40	54.1	34.4	0.9	10.6	-19.76	-19.76	79	660	660	0	No Change; No Repair Needed; Good
BLWIN	7/2/2015 14:22	54.4	35.6	0.7	9.3	-26.92	-27.57	79	820	820	0	No Change; No Repair Needed; Good
BLWIN	7/15/2015 8:56	42.6	27.5	5	24.9	-27.22	-26.88	78	0	0	0	No Change; No Repair Needed; Fair; flow meter not operational
BLWIN	7/15/2015 9:57	55.3	35.6	0.9	8.2	-160.27	-26.92	79	0	0	-157.53	No Change; No Repair Needed; Good
BLWIN	7/27/2015 9:10	53.3	35.2	1	10.5	-20.1	-20.28	80	730	730	0	No Change; No Repair Needed; Good
BLWIN	7/27/2015 15:43	53	34.7	1	11.3	-18.29	-18.33	81	730	730	-0.04	No Change; No Repair Needed; Good
BLWIN	8/5/2015 9:14	49.6	31.8	1.7	16.9	-31.06	-30.72	83	0	0	-0.35	No Change; No Repair Needed; Good; suspected flow meter incorrect
BLWIN	8/5/2015 15:02	51.5	33.1	1	14.4	-30.46	-31.23	84	0	0	-0.04	No Change; No Repair Needed; Good; suspected flow meter incorrect
BLWIN	8/20/2015 9:18	51.1	32.2	1	15.7	-21.66	-21.44	83	720	720	0	No Change; No Repair Needed; Good
BLWIN	8/20/2015 14:27	49.4	35.7	0.9	14	-21.96	-21.92	84	940	940	0	No Change; No Repair Needed; Good
BLWIN	9/4/2015 7:30	46.3	33.3	1.6	18.8	-31.02	-30.67	83	820	820	-0.09	No Change; No Repair Needed; Good
BLWIN	9/4/2015 13:01	47.9	34.9	1	16.2	-29.94	-30.24	84	790	790	0	No Change; No Repair Needed; Good
BLWIN	9/17/2015 8:56	51	33.3	1.1	14.6	-32.05	-32.1	81	630	630	0.04	No Change; No Repair Needed; Good
BLWIN	9/17/2015 14:24	50.6	32.9	1	15.5	-31.15	-31.41	81	810	810	0	No Change; No Repair Needed; Good
BOT2	9/10/2014 8:43	50.6	34.9	0.9	13.6	1.46	1.66	79	220	220	0	No Change; No Repair Needed; Good
BOT2	9/25/2014 7:14	48.8	34.8	1.3	15.1	0.27	0.21	62	210	210	0	No Change; No Repair Needed; Good
BOT2	9/25/2014 11:50	49	35	1.1	14.9	0.04	0.04	100	240	240	0	No Change; No Repair Needed; Good
BOT2	10/9/2014 8:40	51.2	33.8	1.2	13.8	0.24	0.31	83	230	230	0	No Change; No Repair Needed; Good
BOT2	10/23/2014 12:28	48.4	33.3	1.2	17.1	0.33	0.35	81	260	260	-0.04	No Change; No Repair Needed; Good
BOT2	11/5/2014 7:21	47.3	33.3	1.1	18.3	1.11	1.06	81	250	250	0	No Change; No Repair Needed; Good
BOT2	11/19/2014 7:55	50.3	32.6	1.2	15.9	0.53	0.48	56	240	240	-0.04	No Change; No Repair Needed; Good
BOT2	12/5/2014 10:43											Manually entered; NIU
BOT2	12/5/2014 10:43											Manually entered; NIU
BOT2	1/22/2015 10:33											Manually entered; NIU
BOT2	2/3/2015 10:56											Manually entered; NIU
BOT2	3/3/2015 11:17											Manually entered; NIU
BOT2	4/2/2015 10:05											Manually entered; NIU
BOT2	5/5/2015 7:47	51.1	31.5	1.6	15.8	0.1	0.14	82	230	230	-0.04	No Change; No Repair Needed; Good
BOT2	5/20/2015 9:01	46.4	29.7	2.6	21.3	0.04	0.1	88	170	170	0.17	No Change; No Repair Needed; Good
BOT2	5/20/2015 14:08	51.3	32.8	1.1	14.8	0.1	0.18	95	240	240	-0.04	No Change; No Repair Needed; Good
BOT2	6/1/2015 9:01	48.1	31.2	1.6	19.1	0.07	0.1	88	200	200	0	No Change; No Repair Needed; Good
BOT2	7/15/2015 8:58	42.8	27.9	4.9	24.4	6.95	6.6	95	0	0	-0.04	No Change; No Repair Needed; Fair; flow meter not operational
BOT2	7/15/2015 9:25	56.3	35.2	0.8	7.7	4.95	4.73	78	0	0	-0.04	No Change; No Repair Needed; Good

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Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
BOT2	7/15/2015 9:59	55.4	35.5	0.8	8.3	4.81	4.87	95	0	0	0.04	No Change; No Repair Needed; Good; flow meter not operational
BOT2	8/5/2015 9:18	48.2	33.9	1.6	16.3	1.45	1.43	96	0	0	-0.35	No Change; No Repair Needed; Good; suspected flow meter incorrect
BOT2	8/5/2015 15:05	50.6	35.5	1	12.9	-0.05	-0.06	105	0	0	-0.04	No Change; No Repair Needed; Good; suspected flow meter incorrect
BOT2	9/4/2015 7:27	46.8	31.8	1.7	19.7	0.11	0.14	87	110	110	-0.09	No Change; No Repair Needed; Good
BOT2	9/17/2015 8:58	50.1	34	1	14.9	5.52	5.52	85	630	630	-0.04	No Change; No Repair Needed; Good
BOT2	9/17/2015 14:26	50.2	33.5	1	15.3	1.53	1.47	103	310	310	0	No Change; No Repair Needed; Good
CO02	9/10/2014 10:14	62.8	35.5	0	1.7	-25.19	-25.19	85	13	7	-27.02	No Change; No Repair Needed; Good
CO02	9/25/2014 8:44	62.6	35.6	0	1.8	-23.78	-23.74	73	12	9	-26.5	No Change; No Repair Needed; Good
CO02	10/9/2014 10:08	62	33.3	0.1	4.6	-23.73	-23.73	69	10	13	-26.93	No Change; No Repair Needed; Good
CO02	10/23/2014 8:58	53.7	32.8	0.5	13	-24.12		55	12		-26.67	No Change; No Repair Needed; Good
CO02	11/5/2014 8:51	54.2	32	0.5	13.3	-24.16		54	10		-26.93	No Change; No Repair Needed; Good
CO02	11/19/2014 9:35	55.1	29.6	1.4	13.9	-12.08		33	8		-13.42	No Change; No Repair Needed; Good
CO02	12/5/2014 9:03	57.3	32.7	0.2	9.8	-17.56		44	6		-18.69	No Change; No Repair Needed; Good
CO02	12/18/2014 9:01	57.8	30.4	0.4	11.4	-19.28		33	10		-20.11	No Change; No Repair Needed; Good
CO02	1/8/2015 9:35	56.5	34.4	0.5	8.6	-23.04		14	0		-23.56	No Change; No Repair Needed; Fair
CO02	1/22/2015 8:53	57.7	37.3	0.7	4.3	-25.15		41	8		-25.55	No Change; No Repair Needed; Fair
CO02	2/3/2015 9:15	57.5	31.2	1.2	10.1	-27.52		27	10		-27.97	No Change; No Repair Needed; Good
CO02	3/3/2015 9:26	57.2	27.8	2.1	12.9	-18.46		36	11		-18.3	No Change; No Repair Needed; Good
CO02	3/18/2015 9:02	51	27	3.5	18.5	-18.12		44	0		-18.17	No Change; No Repair Needed; Fair
CO02	4/2/2015 9:03	58.7	29.4	1.7	10.2	-22.35		63	0		-23.22	No Change; No Repair Needed; Good
CO02	5/5/2015 9:26	57.3	28.4	1.7	12.6	-26.88		87	5		-26.63	No Change; No Repair Needed; Good
CO02	6/1/2015 10:44	53.8	27	2.3	16.9	-26.53		66	8		-26.59	No Change; No Repair Needed; Good
CO02	7/2/2015 9:30	48.9	28.5	4	18.6	-19.59		71	4		-19.46	No Change; No Repair Needed; Fair
CO02	8/5/2015 11:04	57.3	31.1	0.4	11.2	-30.37		95	7		-30.82	No Change; No Repair Needed; Good
CO02	9/4/2015 8:35	55.6	32.4	0.2	11.8	-30.33		81	4		-30.82	No Change; No Repair Needed; Good
Flare 1	9/10/2014 13:17	50.8	34.9	0.9	13.4	2.14	2.11	93	260	260	0	GHG Reading; No Repair Needed; Good; No Totalizer
Flare 1	10/9/2014 14:39	50.6	34.5	1	13.9	0.36	0.39	88	280	280	-0.09	GHG Reading; No Repair Needed; Good; No Totalizer
Flare 1	11/5/2014 13:46	47.7	33.5	1	17.8	1.07	0.97	85	260	260	0	GHG Reading; No Repair Needed; Good; No Totalizer
Flare 1	12/5/2014 10:42											Manually entered; NIU
Flare 1	1/22/2015 10:34											Manually entered; NIU
Flare 1	2/3/2015 10:55											Manually entered; NIU
Flare 1	3/3/2015 11:15											Manually entered; NIU
Flare 1	4/2/2015 10:03											Manually entered; NIU
Flare 1	5/5/2015 14:26	52.2	34	1.1	12.7	0.1	0.11	95	220	220	-0.04	GHG Reading; No Repair Needed; Good; No Totalizer
Flare 1	6/1/2015 14:08	49.4	32.5	1.3	16.8	0.12	0.15	93	230	230	0.04	GHG Reading; No Repair Needed; Good; No Totalizer
Flare 1	7/2/2015 14:18	53.5	35.1	0.7	10.7	0.53	0.54	79	120	120	0	GHG Reading; No Repair Needed; Good; No Totalizer
Flare 1	8/20/2015 14:23	49.8	35.1	0.9	14.2	-0.06	-0.06	97	190	190	0	GHG Reading; No Repair Needed; Good; 15060455 scf
Flare 1	9/4/2015 10:55											Manually entered; NIU
Plant 1	9/10/2014 13:15	51	35.4	0.9	12.7	6.99	6.56	103	560	560	0	GHG Reading; No Repair Needed; Good; 482256280 scf
Plant 1	10/9/2014 14:37	50.8	33.5	1.1	14.6	5.87	5.82	93	430	430	-0.3	GHG Reading; No Repair Needed; Good; 96860490 scf
Plant 1	11/5/2014 13:44	48	33.5	1	17.5	5.87	6.21	86	450	450	0	GHG Reading; No Repair Needed; Good; 26306498 scf
Plant 1	12/5/2014 12:58	55.5	35.1	0.7	8.7	-18.64	-18.64	60	700	700	0	GHG Reading; No Repair Needed; Good; 1009680 scf
Plant 1	1/8/2015 11:05	53.1	32.4	1.8	12.7	-24.46	-23.12	48	440	440	-0.04	No Change; No Repair Needed; Good; 29092527 scf
Plant 1	2/3/2015 13:36	50.3	33.8	1.4	14.5	-26.14	-25.8	52	700	700	0	GHG Reading; No Repair Needed; Good; 55209890 scf
Plant 1	3/3/2015 12:58	56.7	33.6	0.8	8.9	-16.05	-16.05	46	650	650	0	No Change; No Repair Needed; Good; 79910399 scf
Plant 1	4/2/2015 12:48	53.7	33.7	1	11.6	-23.6	-24.85	58	660	660	0	GHG Reading; No Repair Needed; Good; 106740550 scf
Plant 1	5/5/2015 14:24	52	33.9	1.2	12.9	6.26	5.82	95	470	470	-0.04	GHG Reading; No Repair Needed; Good; 135984990 scf
Plant 1	6/1/2015 14:10	48.9	33	1.3	16.8	6.47	6.47	93	510	510	0.35	GHG Reading; No Repair Needed; Good; 156185418 scf
Plant 1	7/2/2015 14:20	53.3	35.4	0.8	10.5	6.13	6.13	84	700	700	0	GHG Reading; No Repair Needed; Good; 186350250 scf
Plant 1	8/20/2015 14:25	49.8	35.4	0.9	13.9	7.46	7.42	103	750	750	0	GHG Reading; No Repair Needed; Good; No Totalizer

Green Valley Landfill

Annual Rolling GCCS Monitoring Data - 09/01/2014 through 09/30/2015

Name	Date Time	Methane (% by vol)	Carbon Dioxide (% by vol)	O2 (% by vol)	Balance (% by vol)	Init Static Press (H2O inch)	Adj Static Press (H2O inch)	Init Temp (deg F)	Init Flow (scfm)	Adj Flow (scfm)	System Press (H2O inch)	Comments
Plant 1	9/4/2015 12:59	48.1	33.9	1	17	9.1	9.45	109	790	790	0	GHG Reading; No Repair Needed; Good; No Totalizer