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# Quarterly Report

# For

# Division of Waste Management

# Wednesday April 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

# A. Green Valley Landfill General Partnership

Greenup County
#045-00012

# I. Construction Activities

## Fetters, Deretha

**From:** Cecil, Kim
**Sent:** Tuesday, April 14, 2015 8:32 AM
**To:** Fetters, Deretha
**Subject:** Re: Constructions activity
**Attachments:** image001.jpg

Not that I'm aware of no

Sent from my iPhone

On Apr 14, 2015, at 8:22 AM, Fetters, Deretha <DFetters@republicservices.com> wrote:

> Did we have any construction activity for the 1st qrt of 2015.
>
> 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
P 606-928-0239 F 606-928-0368
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

# Machine Log Form - Soil Tracking

**Site:** Green Valley Landfill **Div No.** 4127

**Machine #:** [redacted] **Desc:** [redacted] **BCY/ld** 11

| 2015 | [redacted] | | |

Republic Services

# Machine Log Form - Soil Tracking

**Site:** Green Valley Landfill **Div No.** 4127

**Machine #:** **Desc:** <25T/613 **BCY/ld** 11

| 2015 | Machine Load Count | | | | | | Machine Production (cy) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | Daily cover | Int. Cover | Interior Roads (placed inside waste footprint) | Other Soil Hauled (placed outside waste footprint) | Certified Final Cover | Total | Daily cover | Int. Cover | Interior Roads placed inside waste footprint | Other soils hauled outside waste footprint | Certified Final Cover | Total | | |
| 2/1/15 | | | | | | 0 | | | | | | 0 | | |
| 2/2/15 | | | | | | 0 | | | | | | 0 | | |
| 2/3/15 | | 18 | | | | 18 | | 198 | | | | 198 | 10 | 10 |
| 2/4/15 | 15 | | | | | 15 | 165 | | | | | 165 | 10 | 10 |
| 2/5/15 | | 17 | | | | 17 | | 187 | | | | 187 | 12 | 12 |
| 2/6/15 | | 14 | | | | 14 | | 154 | | | | 154 | 8 | 8 |
| 2/7/15 | | | | | | 0 | | | | | | 0 | | |
| 2/8/15 | | | | | | 0 | | | | | | 0 | | |
| 2/9/15 | | 16 | | | | 16 | | 176 | | | | 176 | 6 | 6 |
| 2/10/15 | 26 | | | | | 26 | 286 | | | | | 286 | 22 | 12 |
| 2/11/15 | | 47 | | | | 47 | | 517 | | | | 517 | 16 | 6 |
| 2/12/15 | | 18 | | | | 18 | | 198 | | | | 198 | 12 | 6 |
| 2/13/15 | | | | | | 0 | | | | | | 0 | | |
| 2/14/15 | | | | | | 0 | | | | | | 0 | | |
| 2/15/15 | | | | | | 0 | | | | | | 0 | | |
| 2/16/15 | | | | | | 0 | | | | | | 0 | | |
| 2/17/15 | | | | | | 0 | | | | | | 0 | | |
| 2/18/15 | | | | | | 0 | | | | | | 0 | | |
| 2/19/15 | | 21 | | | | 21 | | 231 | | | | 231 | 20 | 10 |
| 2/20/15 | 13 | | | | | 13 | 143 | | | | | 143 | 10 | 5 |
| 2/21/15 | | | | | | 0 | | | | | | 0 | | |
| 2/22/15 | | | | | | 0 | | | | | | 0 | | |
| 2/23/15 | | | | | | 0 | | | | | | 0 | | |
| 2/24/15 | | 16 | | | | 16 | | 176 | | | | 176 | 8 | 4 |
| 2/25/15 | | 17 | | | | 17 | | 187 | | | | 187 | 8 | 4 |
| 2/26/15 | | 19 | | | | 19 | | 209 | | | | 209 | 10 | 5 |
| 2/27/15 | | | | | | 0 | | | | | | 0 | | |
| 2/28/15 | | | | | | 0 | | | | | | 0 | | |

Republic Services

# Machine Log Form - Soil Tracking

**Site:** Green Valley Landfill **Div No.** 4127

**Machine #:** **Desc:** <25T/613 **BCY/ld** 11

| 2015 | Machine Load Count | | | | | | Machine Production (cy) | | | | | | Hourly Production | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | Daily cover | Int. Cover | Interior Roads (placed inside waste footprint) | Other Soil Hauled (placed outside waste footprint) | Certified Final Cover | Total | Daily cover | Int. Cover | Interior Roads placed inside waste footprint | Other soils hauled outside waste footprint | Certified Final Cover | Total | Machine Prod. (cy/hr) | Operating cost ($/hr) |
| 3/1/15 | | | | | | 0 | | | | | | 0 | | |
| 3/2/15 | | | 17 | | | 17 | | | 187 | | | 187 | 10 | 5 |
| 3/3/15 | | | 7 | | | 7 | | | 77 | | | 77 | 8 | 4 |
| 3/4/15 | | | | | | 0 | | | | | | 0 | | |
| 3/5/15 | | | | | | 0 | | | | | | 0 | | |
| 3/6/15 | | | | | | 0 | | | | | | 0 | | |
| 3/7/15 | | | | | | 0 | | | | | | 0 | | |
| 3/8/15 | | | | | | 0 | | | | | | 0 | | |
| 3/9/15 | | | | | | 0 | | | | | | 0 | | |
| 3/10/15 | | | | | | 0 | | | | | | 0 | | |
| 3/11/15 | | | 29 | | | 29 | | | 319 | | | 319 | 22 | 22 |
| 3/12/15 | 18 | | | | | 18 | 198 | | | | | 198 | 14 | 7 |
| 3/13/15 | | | | | | 0 | | | | | | 0 | | |
| 3/14/15 | | | | | | 0 | | | | | | 0 | | |
| 3/15/15 | | | | | | 0 | | | | | | 0 | | |
| 3/16/15 | 18 | | | | | 18 | 198 | | | | | 198 | 20 | 10 |
| 3/17/15 | 15 | | | | | 15 | 165 | | | | | 165 | 8 | 4 |
| 3/18/15 | 6 | | | | | 6 | 66 | | | | | 66 | 12 | 6 |
| 3/19/15 | | 18 | | | | 18 | | 198 | | | | 198 | 8 | 4 |
| 3/20/15 | | 28 | | | | 28 | | 308 | | | | 308 | 18 | 9 |
| 3/21/15 | | 10 | | | | 10 | | 110 | | | | 110 | 8 | 4 |
| 3/22/15 | | | | | | 0 | | | | | | 0 | | |
| 3/23/15 | | | | | | 0 | | | | | | 0 | | |
| 3/24/15 | | 22 | | | | 22 | | 242 | | | | 242 | 16 | 8 |
| 3/25/15 | | | | | | 0 | | | | | | 0 | | |
| 3/26/15 | | 35 | | | | 35 | | 385 | | | | 385 | 18 | 9 |
| 3/27/15 | | 38 | | | | 38 | | 418 | | | | 418 | 24 | 12 |
| 3/28/15 | | | | | | 0 | | | | | | 0 | | |
| 3/29/15 | | | | | | 0 | | | | | | 0 | | |
| 3/30/15 | | 26 | | | | 26 | | 286 | | | | 286 | 14 | 7 |
| 3/31/15 | | 31 | | | | 31 | | 341 | | | | 341 | 18 | 9 |

# 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.

| Tank Inches | Tank Gallons | # Loads | Load Gallons | Rain | Snow | |
|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 83 | 105759 | 4 | 22172.66 | 0 | 0 | Ashland / Valicor |
| 78 | 98532 | 5 | 27884.89 | 0 | 0 | Ashland / Valicor |
| 62 | 74244 | 2 | 11299.76 | 0 | 0 | Ashland / Valicor |
| 64 | 77328 | 0 | 0 | 0 | 0 | 0 |
| 67 | 81957 | 0 | 0 | 0.3 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 76 | 95520 | 1 | 5565.95 | 0 | 0 | Ashland / Valicor |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 81 | 105678 | 4 | 22263.79 | 0 | 0 | Ashland / Valicor |
| 74 | 92496 | 2 | 11254.2 | 0 | 0 | Ashland / Valicor |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 5 | 27812.95 | 0 | 0 | Ashland / Valicor |
| 66 | 80418 | 0 | 0 | 0.5 | 0 | 0 |
| 70 | 86382 | 0 | 0 | 0 | 0 | 0 |
| 74 | 92496 | 1 | 5573.14 | 0 | 0 | Ashland / Valicor |
| 74 | 92496 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 87 | 111546 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 2 | 10673.86 | 0 | 0 | Valicor |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Tank Inches | Tank Gallons | # Loads | Load Gallons | Rain | Snow | |
|---|---|---|---|---|---|---|
| 0 | 0 | 3 | 16441.25 | 0 | 0 | Ashland WWTP |
| 0 | 0 | 2 | 11134.29 | 0 | 0 | Ashland / Valicor |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57 | 61731 | 1 | 5592.33 | 0 | 0 | Ashland / Valicor |
| 59 | 63897 | 0 | 0 | 0 | 0 | 0 |
| 64 | 69312 | 0 | 0 | 0 | 0 | 0 |
| 66 | 71478 | 0 | 0 | 0 | 0 | 0 |
| 71 | 76893 | 0 | 0 | 0.3 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 84 | 90972 | 3 | 16678.66 | 0 | 0 | Ashland / Valicor |
| 0 | 0 | 5 | 27947.24 | 0 | 0 | Ashland / Valicor |
| 67 | 72561 | 0 | 0 | 0 | 0 | 0 |
| 71 | 76893 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 84 | 90972 | 5 | 28527.58 | 0.5 | 0 | Ashland / Valicor |
| 72 | 77976 | 3 | 17002.4 | 0 | 0 | Valicor |
| 60 | 64980 | 1 | 5705.04 | 0 | 0 | Ashland / Valicor |
| 60 | 64980 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 71 | 76893 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |

# MONTHLY LEACHATE TRACKING

## 2015

| Date | Tank Inches | Tank Gallons | # Loads | Load Gallons | Rain | Snow | | Date | Tank Inches | Tank Gallons | # Loads | Load Gallons | Rain | Snow | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 6 | 33697.84 | 0 | 0 | Ashland WWTP |
| 3 | 0 | 0 | 4 | 22179.86 | 0 | 0 | Ashland WWTP | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 109 | 0 | 4 | 22491.61 | 0 | 0 | Valicor | 4 | 82 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 4 | 22467.63 | 0 | 0 | Valicor | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 101 | 130290 | 2 | 11230.22 | 0 | 0 | Valicor | 6 | 68 | 73644 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 110 | 140382 | 4 | 22330.94 | 0 | 0 | Valicor | 9 | 72 | 77976 | 0 | 0 | 0 | 0 | 0 |
| 10 | 107 | 137166 | 4 | 22366.91 | 0 | 0 | Valicor | 10 | 76 | 82308 | 0 | 0 | 0 | 0 | 0 |
| 11 | 94 | 20212 | 4 | 22136.69 | 0 | 0 | Valicor | 11 | 81 | 87723 | 0 | 0 | 0 | 0 | 0 |
| 12 | 85 | 108672 | 1 | 5431.65 | 0 | 0 | Valicor | 12 | 86 | 92972 | 2 | 11074.34 | 0 | 0 | Valicor |
| 13 | 88 | 112974 | 0 | 0 | 0 | 0 | 0 | 13 | 79 | 85557 | 2 | 11167.87 | 0 | 0 | Valicor |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 95 | 122601 | 0 | 0 | 0 | 8 | 0 | 16 | 79 | 85557 | 0 | 0 | 0 | 8 | 0 |
| 17 | 100 | 129060 | 0 | 0 | 0 | 0 | 0 | 17 | 84 | 90972 | 0 | 0 | 0 | 0 | 0 |
| 18 | 101 | 130290 | 0 | 0 | 0 | 0 | 0 | 18 | 89 | 95972 | 1 | 4081.53 | 0 | 0 | Valicor |
| 19 | 106 | 136062 | 0 | 0 | 0 | 0 | 0 | 19 | 92 | 98972 | 0 | 0 | 0 | 0 | 0 |
| 20 | 110 | 140382 | 0 | 0 | 0.2 | 0 | 0 | 20 | 96 | 102972 | 0 | 0 | 0.2 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 117 | 146998 | 4 | 22110.31 | 0 | 0 | Valicor/Ashland | 23 | 97 | 103972 | 0 | 0 | 0 | 0 | 0 |
| 24 | 102 | 131520 | 0 | 0 | 0 | 0 | 0 | 24 | 113 | 10 | 5 | 27697.84 | 0 | 0 | Valicor/Ashland |
| 25 | 76 | 95520 | 6 | 31738.61 | 0 | 0 | Valicor/Ashland | 25 | 96 | 102972 | 3 | 16803.36 | 0 | 0 | Valicor/Ashland |
| 26 | 0 | 0 | 2 | 11122.3 | 0 | 0 | Valicor/Ashland | 26 | 0 | 0 | 4 | 20880.1 | 0 | 0 | Valicor/Ashland |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0 | 0 | 2 | 11033.57 | 0 | 0 | Valicor |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | Totals | 39 | 215806.73 | | | | | | Totals | 25 | 136436.45 | | | 352043.18 Gallons |
| | | | | | | | | | | | | | | | 64 Loads |

# MONTHLY LEACHATE TRACKING

## Mar-14

| Date | Tank Inches | Tank Gallons | # Loads | Load Gallons | Rain | Snow | | Date | Tank Inches | Tank Gallons | # Loads | Load Gallons | Rain | Snow | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 11257 | 0 | 0 | Ashland WWTP |
| 2 | 116 | 145998 | 6 | 33465 | 0 | 0 | Ash/Valicor | 2 | 72 | 77976 | 2 | 11213 | 0 | 0 | Ash/Valicor |
| 3 | 88 | 112974 | 8 | 43947 | 0 | 0 | Ash/Valicor | 3 | 74 | 80142 | 0 | 0 | 0 | 0 | 0 |
| 4 | 66 | 80418 | 3 | 16894 | 2 | 0 | Ash/Valicor | 4 | 88 | 94972 | 3 | 16918 | 2 | 0 | Ash/Valicor |
| 5 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 120 | 125000 | 5 | 28612 | 0 | 0 | Ashland WWTP |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 7 | 39002 | 0 | 0 | Ash/Valicor |
| 11 | 0 | 0 | 4 | 21007 | 0 | 0 | Ash/Valicor | 11 | 0 | 0 | 4 | 21149 | 0 | 0 | Ash/Valicor |
| 12 | 79 | 100026 | 8 | 43921 | 0 | 0 | Ash/Valicor | 12 | 62 | 67146 | 0 | 0 | 0 | 0 | 0 |
| 13 | 62 | 74244 | 3 | 16329 | 1.7 | 0 | Ash/Valicor | 13 | 73 | 78893 | 2 | 10448 | 1.7 | 0 | Ash/Valicor |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 3 | 16559 | 0 | 0 | Ashland WWTP |
| 16 | 70 | 86382 | 0 | 0 | 0 | 0 | 0 | 16 | 84 | 90972 | 7 | 38038 | 0 | 0 | Ash/Valicor |
| 17 | 74 | 92496 | 0 | 0 | 0 | 0 | 0 | 17 | 72 | 89442 | 8 | 43647 | 0 | 0 | Ash/Valicor |
| 18 | 80 | 101520 | 5 | 26993 | 0 | 0 | Ash/Valicor | 18 | 48 | 51984 | 3 | 16137 | 0 | 0 | Ash/Valicor |
| 19 | 0 | 0 | 8 | 43158 | 0 | 0 | Ash/Valicor | 19 | 57 | 61731 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 3 | 16465 | 0.2 | 0 | Ash/Valicor | 20 | 0 | 0 | 0 | 0 | 0.2 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 3 | 16619 | 0 | 0 | Ashland WWTP |
| 23 | 89 | 114381 | 0 | 0 | 0 | 0 | Ashland WWTP | 23 | 0 | 0 | 4 | 21729 | 0 | 0 | Ash/Valicor |
| 24 | 92 | 118554 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 95 | 122601 | 3 | 15619 | 0 | 0 | Valicor | 25 | 67 | 72561 | 1 | 5448.4 | 0 | 0 | Valicor |
| 26 | 90 | 115788 | 5 | 26273 | 0 | 0 | Valicor | 26 | 66 | 71478 | 0 | 0 | 0 | 0 | Valicor |
| 27 | 0 | 0 | 1 | 5268.6 | 0 | 0 | Valicor | 27 | 0 | 0 | 0 | 0 | 0 | 0 | Valicor |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 105 | 134458 | 3 | 16249 | 0 | 0 | Valicor | 30 | 66 | 71478 | 0 | 0 | 0 | 0 | Valicor |
| 31 | 0 | 0 | 4 | 21612 | 0 | 0 | Valicor | 31 | 0 | 0 | 0 | 0 | 0 | 0 | Valicor |
| | Totals | | | 347201 | | | | | Totals | | | 296777 | | | 643978.39 Gallons |
| | | | 64 | | | | | | | | 54 | | | | 118 Loads |

Monitoring Control and Compliance, Inc.

April 9, 2015

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

**Subject:** First Quarter 2015 Surface Emissions Monitoring Report
Green Valley Landfill – Ashland, Kentucky

Dear Mr. Cecil:

Please accept this correspondence as documentation of the First Quarter 2015 surface emission monitoring (SEM) activities performed by Monitoring Control and Compliance, Inc. (MCC) at Green Valley Landfill. The surface emission monitoring addressed areas of Green Valley Landfill that fall under the New Source Performance Standards (NSPS). Activities were conducted in accordance with the published landfill performance sections: 40 CFR 60.753(d) - Surface Scan Requirements, 40 CFR 60.755(c) - Surface Scan Compliance Provisions, and 40 CFR 60 Appendix A, Method 21 - Equipment Performance Provisions.

The initial scan was conducted on March 9, 2015. There were three methane concentrations that were detected during the 1st Quarter Surface Emission Monitoring that was greater than the surface methane operational standard. The site coordinated repairs and a corresponding 10-day re-check was performed on March 18, 2015. All three areas passed the 10-day recheck. The one-month recheck was performed on April 8, 2015 with all three areas less than the surface methane operational standard. The surface scan results, scan route map, calibration sheets, and SEM tracking sheet can be viewed in Attachment A.

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

Sincerely,

Paul D. Flory
Regional Manager
Monitoring Control and Compliance, Inc.

CC: Mr. William Chlebowy (Republic)
Ms. Dana Oleniacz (AQSI)

# ATTACHMENT A

Surface Emission Monitoring Data

# Calibration Precision Record

Monitoring Control and Compliance, Inc.

Landfill Name: **Green Valley 1st Quarter 2015**

Monitoring Date: Monday, March 09, 2015 Performed By: Zachary Ankney

Time: 11:00:00 Expiration Date: 6/9/2015

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: 497.6 ppm (2)

Measurement #2:

Meter Reading for zero air 0.0 ppm (3)

Meter Reading for Calibration Gas: 498.1 ppm (4)

Measurement #3:

Meter Reading for zero air 0.0 ppm (5)

Meter Reading for Calibration Gas 497.4 ppm (6)

Calculate Precision:

= **0.46** % (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 1st Quarter 2015**

Monitoring Date: Monday, March 09, 2015 Time: 11:00:00

Instrument Make/Model: Photovac Micro FiD Serial Number CZUD313

Measurement #1

| | | |
|---|---|---|
| Stabilized Reading using calibation gas | 497.6 | ppm |
| 90% of the stabilized reading = | 447.84 | ppm |
| Time to reach 90% of stabilized reading after switching from zero air to calibration gas. | 12 | seconds (1) |

Measurement #2

| | | |
|---|---|---|
| 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. | 11 | 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 = 11.67 seconds (must be less than 30 seconds)

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

Performed By: Zachary Ankney Date: 3/9/15

# Calibration Procedure and Background Report

Landfill Name: **Green Valley 1st Quarter 2015**

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 = 500.8 ppm
3. Adjust meter settings to read 500 ppm

Backround Determination Procedure

1. Upwind background reading (highest in 30 seconds) 0.3 ppm (1)
2. Downwind reading (highest in 30 seconds) 0.7 ppm (2)

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

Background = 0.5 ppm

Performed By: Zachary Ankney

Date: 03/09/15 Time: 11:00:00

# Quarterly Surface Monitoring Log Sheet

Landfill Name: **Green Valley 1st Quarter 2015**

Performed By: Zachary Ankney

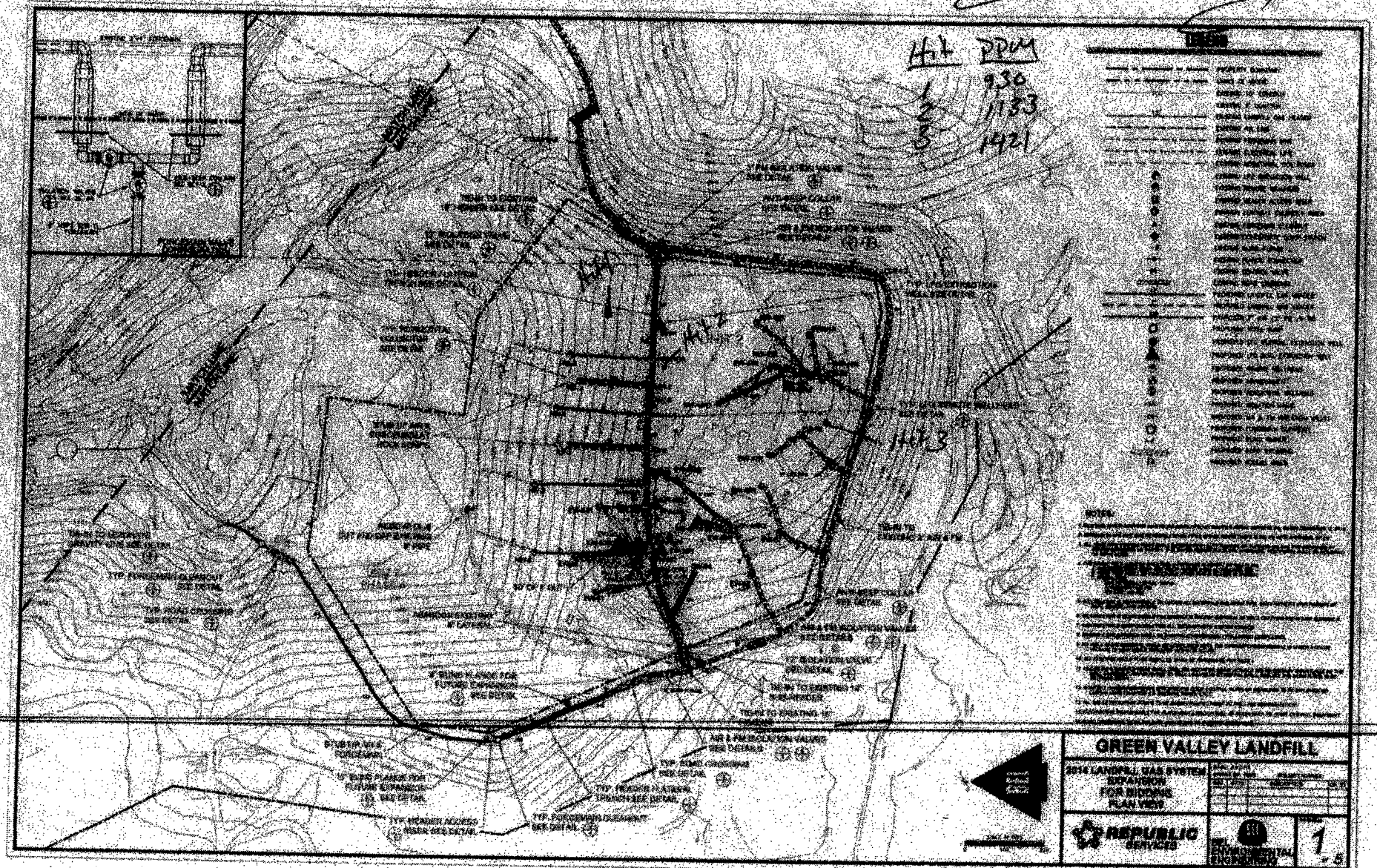
Date: Monday, March 09, 2015

Start Time: 11:00:00

| Exceedance Identifier | Location and Time | Concentration of Exceedance (ppm) |
|---|---|---|
| Hit 1 | 200' N of PW-1 @ 12:01 | 930 |
| Hit 2 | 25' SW of HW3 @ 12:10 | 1133 |
| Hit 3 | 75' S of EW56 @ 12:48 | 1421 |

| WEATHER CONDITIONS: | |
|---|---|
| Temperature: | 59 ° F |
| Barametric Pressure: | 30.2 In. |
| Wind Speed/Direction: | WSW @ 8 MPH |
| Conditions: | Clear |

Green Valley 1st Quarter Initial 3/9/15



# Calibration Precision Record

Monitoring Control and Compliance, Inc.

Landfill Name: **Green Valley (1st Quarter 2015 10 Day Rechecks)**

Monitoring Date: Wednesday, March 18, 2015 Performed By: Zachary Ankney

Time: 13:15:00 Expiration Date: 6/18/2015

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: 500.6 ppm (2)

Measurement #2:

Meter Reading for zero air 0.0 ppm (3)

Meter Reading for Calibration Gas: 501.7 ppm (4)

Measurement #3:

Meter Reading for zero air 0.0 ppm (5)

Meter Reading for Calibration Gas 502.3 ppm (6)

Calculate Precision:

= **-0.31** % (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 (1st Quarter 2015 10 Day Rechecks)**

Monitoring Date: Wednesday, March 18, 2015 Time: 13:15:00

Instrument Make/Model: Photovac Micro FiD Serial Number CZUD313

Measurement #1

| | | |
|---|---|---|
| Stabilized Reading using calibation gas | 500.6 | ppm |
| 90% of the stabilized reading = | 450.54 | ppm |
| Time to reach 90% of stabilized reading after switching from zero air to calibration gas. | 12 | seconds (1) |

Measurement #2

| | | |
|---|---|---|
| Stabilized reading using calibration gas | 501.7 | ppm |
| 90% of the stabilized reading = | 451.53 | 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 | 502.3 | ppm |
| 90% of the stabilized reading = | 452.07 | ppm |
| Time to reach 90% of stabilized reading after switching from zero air to calibration gas. | 11 | seconds (3) |

Calculate Response Time = 11.67 seconds (must be less than 30 seconds)

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

Performed By: Zachary Ankney Date: 3/18/15

# Calibration Procedure and Background Report

Landfill Name: **Green Valley (1st Quarter 2015 10 Day Rechecks)**

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 = 502.6 ppm
3. Adjust meter settings to read 500 ppm

Backround Determination Procedure

1. Upwind background reading (highest in 30 seconds) 3.8 ppm (1)
2. Downwind reading (highest in 30 seconds) 4.5 ppm (2)

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

Background = 4.15 ppm

Performed By: Zachary Ankney

Date: 03/18/15 Time: 13:15:00

# Quarterly Surface Monitoring Log Sheet

Landfill Name: **Green Valley (1st Quarter 2015 10 Day Rechecks)**

Performed By: Zachary Ankney

Date: Wednesday, March 18, 2015

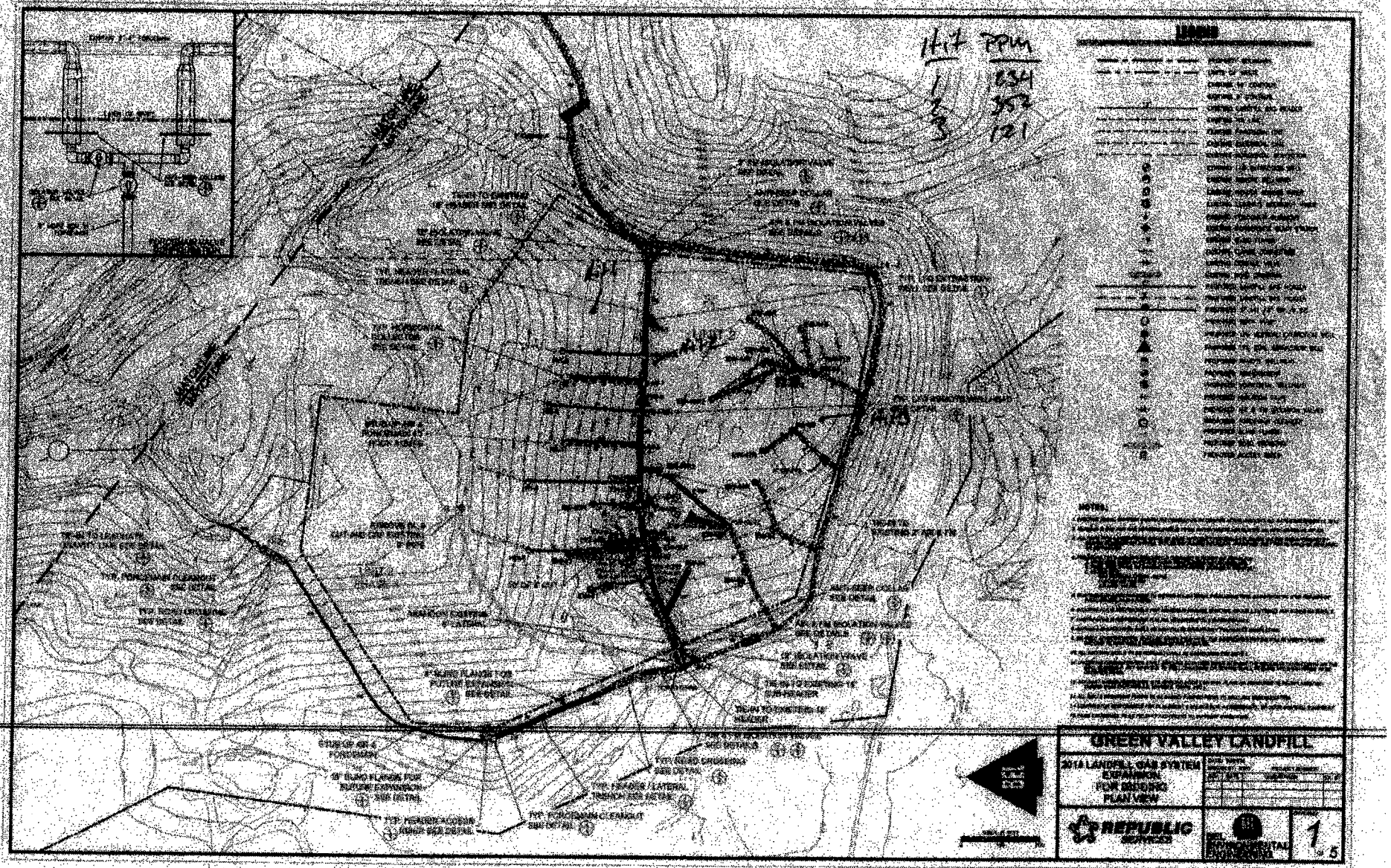
Start Time: 13:30:00

| Exceedance Identifier | Location and Time | Concentration of Exceedance (ppm) |
|---|---|---|
| Hit 1 | 200' N of PW-1 @ 13:46 | 234 |
| Hit 2 | 25' SW of HW3 @ 13:48 | 352 |
| Hit 3 | 75' S of EW56 @ 13:53 | 121 |

| WEATHER CONDITIONS: | |
|---|---|
| Temperature: | 48 ° F |
| Barametric Pressure: | 30.2 In. |
| Wind Speed/Direction: | NNE @ 4 MPH |
| Conditions: | Clear |

Green Valley 1st Quarter 10 Day Rechecks 3/18/15

| | 11-17 | ppm |
|---|---|---|
| | 1 | 634 |
| | 2 | 352 |
| | 3 | 121 |



# Calibration Precision Record

Monitoring Control and Compliance, Inc.

Landfill Name: **Green Valley 1st Quarter 2015 30 Day Rechecks**

Monitoring Date: Wednesday, April 08, 2015 Performed By: Zachary Ankney

Time: 9:00:00

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: 500.8 ppm (2)

Measurement #2:

Meter Reading for zero air 0.0 ppm (3)

Meter Reading for Calibration Gas: 501.2 ppm (4)

Measurement #3:

Meter Reading for zero air 0.0 ppm (5)

Meter Reading for Calibration Gas 499.7 ppm (6)

Calculate Precision:

= **-0.11** % (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 1st Quarter 2015 30 Day Rechecks**

Monitoring Date: Wednesday, April 08, 2015 Time: 9:00:00

Instrument Make/Model: Photovac Micro FiD Serial Number CZUD313

Measurement #1

| | | |
|---|---|---|
| Stabilized Reading using calibation gas | 500.8 | ppm |
| 90% of the stabilized reading = | 450.72 | ppm |
| Time to reach 90% of stabilized reading after switching from zero air to calibration gas. | 11 | seconds (1) |

Measurement #2

| | | |
|---|---|---|
| Stabilized reading using calibration gas | 501.2 | ppm |
| 90% of the stabilized reading = | 451.08 | 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 | 499.7 | ppm |
| 90% of the stabilized reading = | 449.73 | ppm |
| Time to reach 90% of stabilized reading after switching from zero air to calibration gas. | 11 | seconds (3) |

Calculate Response Time = 11.33 seconds (must be less than 30 seconds)

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

Performed By: Zachary Ankney Date: 4/8/15

# Calibration Procedure and Background Report

Landfill Name: **Green Valley 1st Quarter 2015 30 Day Rechecks**

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 = 501.4 ppm
3. Adjust meter settings to read 500 ppm

Backround Determination Procedure

1. Upwind background reading (highest in 30 seconds) 1.3 ppm (1)
2. Downwind reading (highest in 30 seconds) 2.5 ppm (2)

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

Background = 1.9 ppm

Performed By: Zachary Ankney

Date: 04/08/15 Time: 9:00:00

# Quarterly Surface Monitoring Log Sheet

Landfill Name: **Green Valley 1st Quarter 2015 30 Day Rechecks**

Performed By: Zachary Ankney

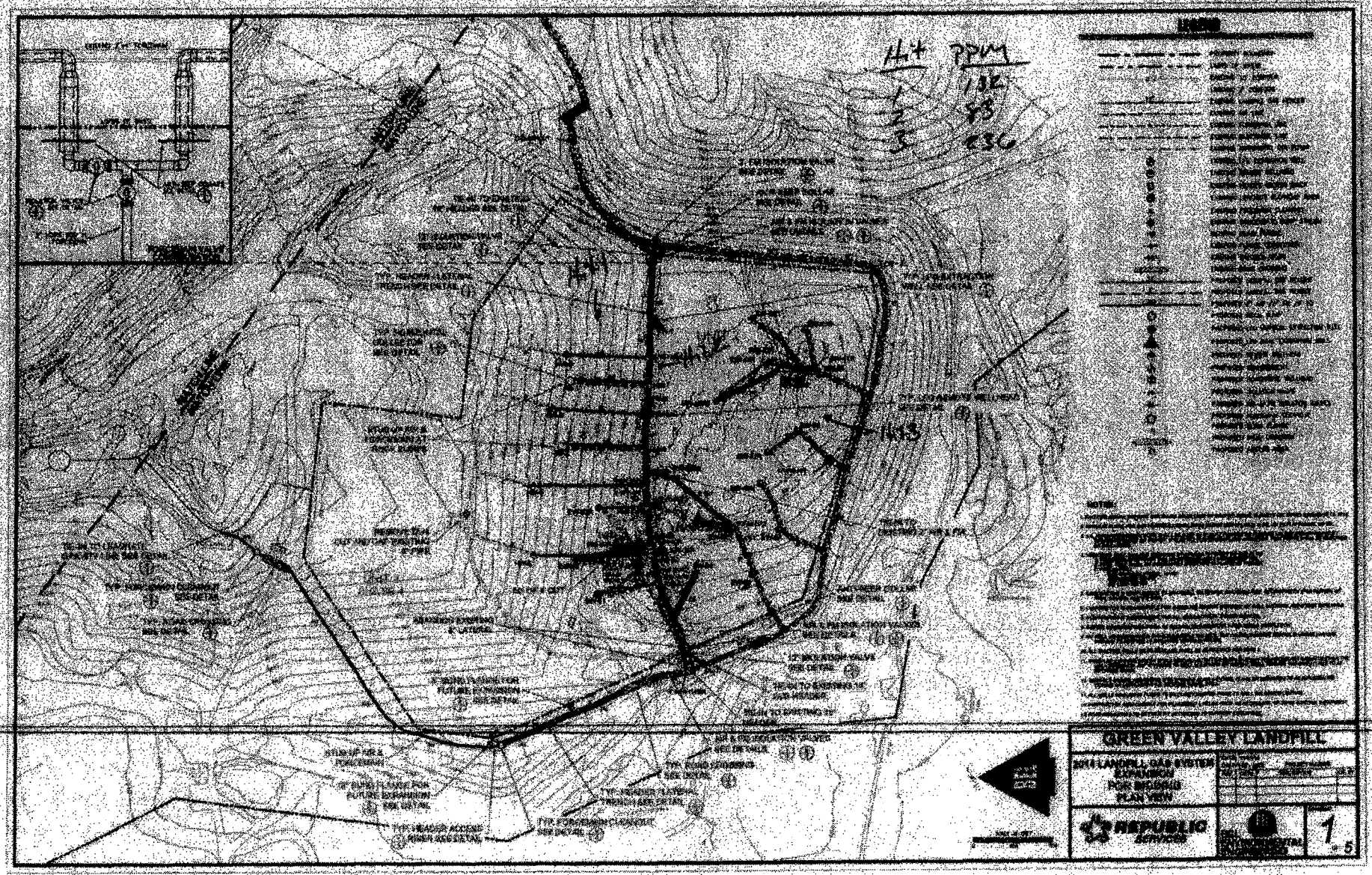
Date: Wednesday, April 08, 2015

Start Time: 9:00:00

| Exceedance Identifier | Location and Time | Concentration of Exceedance (ppm) |
|---|---|---|
| Hit 1 | 200' N of PW-1 @ 13:46 | 132 |
| Hit 2 | 25' SW of HW3 @ 13:48 | 83 |
| Hit 3 | 75' S of EW56 @ 13:53 | 236 |

| WEATHER CONDITIONS: | |
|---|---|
| Temperature: | 61 ° F |
| Barametric Pressure: | 30 In. |
| Wind Speed/Direction: | ESE @ 4 MPH |
| Conditions: | Partly Cloudy |

Green Valley 1st Quarter 30 Day Rechecks 4/8/15



| Location Tag | 1 | 2 | 3 |
|---|---|---|---|
| Locational Description (apx.) | 200' N of PW-1 | 25' SW of HW3 | 75' S of EW56 |
| Concentration above Bkgd (PPM) | | | |
| Date Location Marked in Field | 9-Mar-15 | 9-Mar-15 | 9-Mar-15 |
| Date Location Recorded SEM Map | 9-Mar-15 | 9-Mar-15 | 9-Mar-15 |
| Description of Corrective Action Taken | | | |
| Date Corrective Action Taken | | | |
| Responsible Party for Corrective Action | Green Valley | Green Valley | Green valley |
| [illegible] | | | |
| Date Remonitor Performed | 18-Mar-15 | 18-Mar-15 | 18-Mar-15 |
| Concentration above Bkgd (PPM) | | | |
| [illegible] | | | |
| Description of Corrective Action Taken | | | |
| Date Corrective Action Taken | | | |
| Responsible Party for Corrective Action | | | |
| Second 10-day Remonitoring, if Req'd | | | |
| Concentration above Bkgd (PPM) | | | |
| [illegible] | | | |
| Date Remonitor Performed | 8-Apr-15 | 8-Apr-15 | 8-Apr-15 |
| Concentration above Bkgd (PPM) | | | |
| Installation NLT/Alt. Plan (120 Days) | | | |
| Remarks | | | |

RECEIVED 2/23/15

Monitoring Control and Compliance, Inc.

February 5, 2015

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

**Subject:** Monthly LFG Report for January 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 January 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.
Dana Oleniacz

# JANUARY 2015 MONTHLY REPORT

## Control System Operations

*Initial Flare Readings*

During the January 8, 2015 monitoring event, the gas quality at the blower inlet was 55.8% CH4, 32.4% CO2, 1.4% O2 and 10.4% balance gas. The applied vacuum to the wellfield was -23.81 inches of water and the flow was 450 SCFM.

*Final Flare Readings*

At the end of the tuning event on January 22, 2015, the gas quality going to the blower inlet was 52.9% CH4, 32.8% CO2, 1.5% O2 and 12.8% balance gas. The applied vacuum to the wellfield was -25.15 inches of water and the flow was 730 SCFM.

The flare did not operate during January 2015. The system has been running on vacuum supplied by the gas plant since November 24th, 2014.

| Start Time | End Time | Comments |
|---|---|---|
| 11/24 10:44 | 2/1 | Air Compressor Shutdown, running on bypass from gas plant |

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

## Monthly Wellhead Monitoring Results

There are a total of 60 monitoring points (54 wells, 6 horizontal wells) 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);
- Twelve (12) wells exceeded the 58% methane target level set forth in the site's standard operating procedures (SOP); see attachment E.
- Forty-42 (42) wells exceeded the 52% methane target level set forth in the site's standard operating procedures (SOP); see attachment E.
- Twenty (20) wells recorded methane concentrations below the site's SOP of 48% see attachment E.
- Seven (7) 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 January 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 January 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 January 2015.

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

| | | |
|---|---|---|
| GRNV46R2 | O2 | Operated outside NSPS standards from 10/9/14 through the end of January 2015. |
| GRNVL63R | O2 | Operated outside NSPS standards from 12/5/14 through the end of January 2015. |

***Collection System Operations and Maintenance***

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

- No wells were activated during the month of January 2015.
- No wells were decommissioned during the month of January 2015.
- Recorded pump counts; A copy of the pump counts are presented in Attachment G.

**Quarterly Surface Emissions Monitoring**

The 1st quarter Initials Surface Emission Monitoring has not been completed yet. It is scheduled for February 18, 2015.

**Perimeter Probe and Building Monitoring**

The 1st 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: 30 and 16.
- Laterals to HW01 and 65R2 need to be properly decommissioned.
- 47R is watered in.
- Wells RS-1 and the Toe Drain have leaking regulators that need replaced.
- The air compressor is in need of its 4,000-hour service. High differential pressure in the oil filter system is causing the unit to run hot. The system will be run in bypass mode until the air compressor is serviced.

This report contains the following appendices':

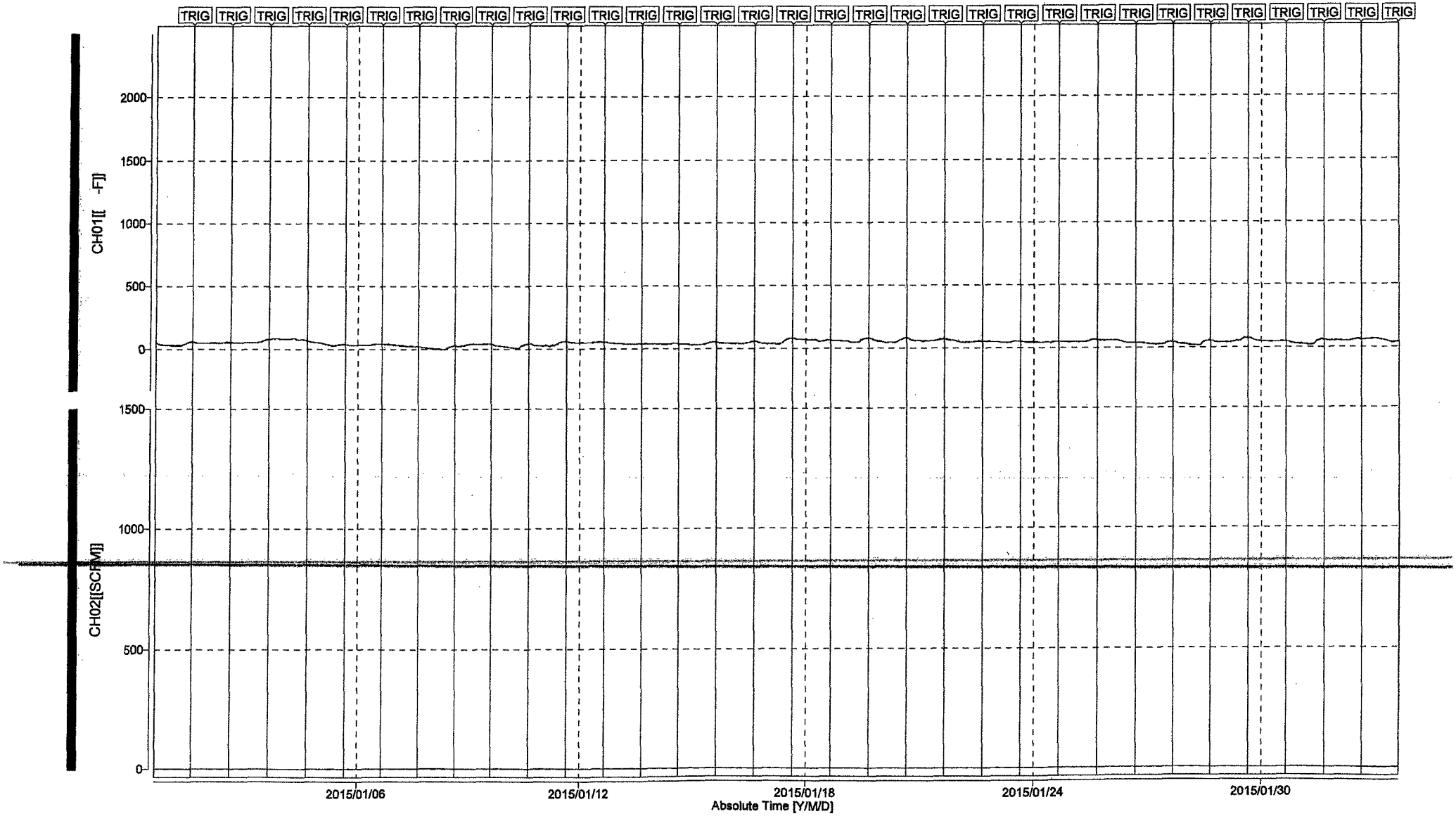
Attachment A – Flare Chart Records
Attachment B – Landfill Gas System Monitoring Data
Attachment C – Gas meter calibration records
Attachment D – O & M Form
Attachment E – Wellfield SOP summary
Attachment F– SSM Forms (if required)
Attachment G – Pump Count Table (if required)
Attachment H – Cover Integrity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

# ATTACHMENT A

## Flare Chart Records

| | | | |
|---|---|---|---|
| File Name | : Z3116484.DDS,...,20116485.DDS | Data Count | : 5940 |
| Device Type | : FX100 | Sampling Interval | : 480.000 sec |
| Serial No. | : S5DB05975 | Start Time | : 2014/12/31 15:48:00.000 |
| File Message | : | Stop Time | : 2015/02/02 15:40:00.000 |
| Time Correction | : None | Trigger Time | : 2015/02/02 15:40:00.000 |
| Starting Condition | : Auto | Trigger No. | : 5939 |
| Dividing Condition | : Auto | Damage Check | : Not Damaged |
| Meas Ch. | : 5 | | |
| Math Ch. | : 4 | | |

Printed Group : FLARE DATA
Printed Range : 2014/12/31 15:48:00.000 - 2015/02/02 15:40:00.000
Comment :



# ATTACHMENT B

## Landfill Gas System Monitoring Data

# Green Valley Landfill
## Wellfield Monitoring Data - January 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 | 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-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 |
| 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 |
| 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 |
| 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 |
| 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; |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| ~~GRNVL41R~~ | ~~1/8/2015 9:27~~ | ~~57.7~~ | ~~33.4~~ | ~~0.3~~ | ~~8.6~~ | ~~-13.16~~ | ~~-13.23~~ | ~~45~~ | ~~15~~ | ~~0~~ | ~~-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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |

# Green Valley Landfill
## Wellfield Monitoring Data - January 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 mair |
| 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 mair |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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; |
| 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~~ | ~~1.4~~ | ~~17.4~~ | ~~-20.87~~ | | ~~39~~ | ~~12~~ | | ~~-25.24~~ | ~~No Change; Pump Maintenance Required; Fair; 13510~~ |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |

# Green Valley Landfill
## Wellfield Monitoring Data - January 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| GRNVLY34 | 1/22/2015 9:35 | 50.8 | 36 | 0.2 | 13 | -8.54 | | 102 | 67 | | -24.82 | No Change; No Repair Needed; Good |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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; 302~~ |
| 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 |
| 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 |
| 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 |
| GRNVBOT2 | 1/22/2015 10:33 | | | | | | | | | | | Manually entered; NIU |
| 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 |

# Green Valley Landfill
## Wellfield Monitoring Data - January 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 | 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 |
| 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 |
| Flare 1 | 1/22/2015 10:34 | | | | | | | | | | | Manually entered; NIU |
| 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 |

| | |
|---|---|
| Total Number of Wells | 60 |
| Total Number of Well Readings | 60 |
| Total Number of Readings NOT Collected | 0 |

| | |
|---|---|
| Number of Wells With Methane > 45% | 20 |
| Number of Wells With Methane 40 - 45% | 42 |
| Number of Wells With Methane < 40% | 12 |
| Number of Wells With Oxygen > 5% | 17 |
| Number of Wells With Temperature > 131°F | 2 |
| Number of Wells With Flow < 3 SCFM | 7 |

# ATTACHMENT C

## Gas Meter Calibration Records

Meter Calibration Form

| | |
|---|---|
| Technician: | Zachary Ankney |
| Meter Serial #: | 1003018 |
| PDA ID: | WM_Tom_Philips2 |
| Meter Date: | 1/8/15 |
| Meter Time: | 7:36 AM |

| Sensor | Lot # | Cylinder % | Calibration % |
|---|---|---|---|
| Methane | 000000EE2044 | 0 | -0.04 |
| Methane | 000000EE1966 | 49.88 | 50.47 |
| Oxygen | 000000EE1966 | 0 | 0.08 |
| Oxygen | 000000EE2044 | 4 | 3.9 |
| CO2 | 000000EE2044 | 0 | -0.09 |
| CO2 | 000000EE1966 | 35 | 35.39 |
| Available (high) | NA | 0 | -0.04 |
| Applied (low) | NA | 0 | -0.01 |
| Applied (high) | NA | 0 | 0 |
| 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: | 1/8/15 |
| Meter Time: | 10:53 AM |

| Sensor | Lot # | Cylinder % | Calibration % |
|---|---|---|---|
| Methane | 000000EE2044 | 0 | 0.03 |
| Methane | 000000EE1966 | 49.88 | 49.98 |
| Oxygen | 000000EE1966 | 0 | -0.02 |
| Oxygen | 000000EE2044 | 4 | 4.07 |
| CO2 | 000000EE2044 | 0 | 0.01 |
| CO2 | 000000EE1966 | 35 | 34.62 |
| Available (high) | NA | 0 | -0.13 |
| Applied (low) | NA | 0 | -0.02 |
| 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: | 1/22/15 |
| Meter Time: | 7:17 AM |

| Sensor | Lot # | Cylinder % | Calibration % |
|---|---|---|---|
| Methane | 000000EE2060 | 0 | 0.01 |
| Methane | 000000EE1747 | 50.15 | 50.02 |
| Oxygen | 000000EE1961 | 0 | 0.06 |
| Oxygen | 000000EE1818 | 4 | 3.91 |
| CO2 | 000000EE2060 | 0 | 0.06 |
| CO2 | 000000EE1747 | 35.26 | 35.62 |
| Available (high) | NA | 0 | 0 |
| Applied (low) | NA | 0 | -0.02 |
| Applied (high) | NA | 0 | 0 |
| Differential (low) | NA | 0 | 0.01 |
| Differential (high) | NA | 0 | 0 |

Meter Calibration Form

| | |
|---|---|
| Technician: | Zachary Ankney |
| Meter Serial #: | 1003018 |
| PDA ID: | WM_Tom_Philips2 |
| Meter Date: | 1/22/15 |
| Meter Time: | 11:46 AM |

| Sensor | Lot # | Cylinder % | Calibration % |
|---|---|---|---|
| Methane | 000000EE1818 | 0 | 0.01 |
| Methane | 000000EE1747 | 50.15 | 50.6 |
| Oxygen | 000000EE1747 | 0 | -0.06 |
| Oxygen | 000000EE1818 | 4 | 4.02 |
| CO2 | 000000EE1818 | 0 | -0.05 |
| CO2 | 000000EE1747 | 35.26 | 34.99 |
| Available (high) | NA | 0 | -0.04 |
| Applied (low) | NA | 0 | -0.01 |
| Applied (high) | NA | 0 | -0.04 |
| Differential (low) | NA | 0 | 0.01 |
| Differential (high) | NA | 0 | 0 |

Meter Calibration Form

| | |
|---|---|
| Technician: | Zachary Ankney |
| Meter Serial #: | 1003018 |
| PDA ID: | WM_Tom_Philips2 |
| Meter Date: | 1/22/15 |
| Meter Time: | 12:44 PM |

| Sensor | Lot # | Cylinder % | Calibration % |
|---|---|---|---|
| Methane | 000000EE1818 | 0 | -0.01 |
| Methane | 000000EE1747 | 50.15 | 50.07 |
| Oxygen | 000000EE1747 | 0 | -0.03 |
| Oxygen | 000000EE1818 | 4 | 4.06 |
| CO2 | 000000EE1818 | 0 | 0.01 |
| CO2 | 000000EE1747 | 35.26 | 35.68 |
| Available (high) | NA | 0 | 0 |
| Applied (low) | NA | 0 | -0.02 |
| Applied (high) | NA | 0 | -0.04 |
| 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: 1/22/2015

### 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. | | -25 |
| Motor operating properly | ☑ | ☐ | |
| Plant flow rate | SCFM | | 730 |
| 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 | % | | 54 |

### Air Compressor Components

| Item | Yes | No | Comments |
|---|---|---|---|
| Unit Operating in Automatic Mode | ☑ | ☐ | Hours: 13019; Temp: 190 F - Needs serviced ASAP |
| Compressor Tank Drained | ☑ | ☐ | |
| Filters Clean | ☑ | ☐ | |
| Compressor Tank Pressure | PSI | | 102 |
| 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 1-4, DL 7&8, Toe Drain and CK-H | All cycling properly |
| | |
| | |

### Additional Comments

# ATTACHMENT E

## Wellfield SOP Summary

Green Valley Landfill
Wellfield SOP Summary
January 2015

## Extraction Wells > 58% Methane

| | | | | | |
|---|---|---|---|---|---|
| GRNV17R2 | 1/22/2015 10:04 | 59.6 | GRNVLHW5 | 1/8/2015 8:08 | 63.2 |
| GRNV64R2 | 1/22/2015 7:42 | 59.4 | GRNVLHW6 | 1/22/2015 8:14 | 59 |
| GRNV65R2 | 1/8/2015 7:59 | 59.5 | GRNVLY03 | 1/22/2015 9:04 | 60.7 |
| GRNVL13R | 1/22/2015 9:31 | 58 | GRNVLY16 | 1/22/2015 9:57 | 62.1 |
| GRNVL49R | 1/8/2015 9:10 | 62.2 | GRNVLY22 | 1/22/2015 9:48 | 62.1 |
| GRNVL60R | 1/22/2015 8:11 | 61.2 | GRNVLY55 | 1/8/2015 9:31 | 58.3 |

## Extraction Wells > 52% Methane

| | | | | | |
|---|---|---|---|---|---|
| GRNV17R2 | 1/22/2015 10:04 | 59.6 | GRNVLPW2 | 1/22/2015 7:53 | 57.9 |
| GRNV50R3 | 1/22/2015 8:04 | 52.6 | GRNVLY02 | 1/22/2015 12:27 | 56.8 |
| GRNV64R2 | 1/22/2015 7:42 | 59.4 | GRNVLY03 | 1/22/2015 9:04 | 60.7 |
| GRNV65R2 | 1/8/2015 7:59 | 59.5 | GRNVLY12 | 1/22/2015 9:19 | 54.6 |
| GRNVL08R | 1/22/2015 10:11 | 56.9 | GRNVLY16 | 1/22/2015 9:57 | 62.1 |
| GRNVL13R | 1/22/2015 9:31 | 58 | GRNVLY19 | 1/22/2015 9:39 | 57.2 |
| GRNVL18R | 1/22/2015 10:25 | 54.4 | GRNVLY20 | 1/22/2015 9:41 | 55 |
| GRNVL32R | 1/22/2015 10:29 | 56.6 | GRNVLY21 | 1/22/2015 9:45 | 57.5 |
| GRNVL41R | 1/8/2015 9:27 | 57.7 | GRNVLY22 | 1/22/2015 9:48 | 62.1 |
| GRNVL43R | 1/8/2015 9:21 | 57 | GRNVLY23 | 1/22/2015 9:53 | 57.2 |
| GRNVL47R | 1/22/2015 8:31 | 57.3 | GRNVLY28 | 1/22/2015 9:15 | 57.8 |
| GRNVL49R | 1/8/2015 9:10 | 62.2 | GRNVLY30 | 1/22/2015 9:21 | 57.4 |
| GRNVL52R | 1/22/2015 8:23 | 57.5 | GRNVLY31 | 1/22/2015 9:33 | 54.3 |
| GRNVL54R | 1/22/2015 8:20 | 52.9 | GRNVLY35 | 1/22/2015 10:18 | 56.5 |
| GRNVL59R | 1/22/2015 8:08 | 57.2 | GRNVLY36 | 1/22/2015 10:08 | 57.6 |
| GRNVL60R | 1/22/2015 8:11 | 61.2 | GRNVLY37 | 1/22/2015 10:00 | 57.7 |
| GRNVLHW3 | 1/8/2015 8:27 | 52.2 | GRNVLY55 | 1/8/2015 9:31 | 58.3 |
| GRNVLHW5 | 1/8/2015 8:08 | 63.2 | GRNVLY56 | 1/22/2015 8:36 | 57.6 |
| GRNVLHW6 | 1/22/2015 8:14 | 59 | GRNVLY57 | 1/22/2015 8:28 | 54.4 |
| GRNVLHW7 | 1/22/2015 7:55 | 54.8 | GRNVLY58 | 1/22/2015 8:25 | 53.7 |
| GRNVLHW8 | 1/22/2015 7:49 | 53.6 | GRNVLY61 | 1/22/2015 8:17 | 54.1 |

## Extraction Wells < 48% Methane

| | | | | | |
|---|---|---|---|---|---|
| GRNV27RR | 1/22/2015 12:16 | 44.3 | GRNVLHW1 | 1/22/2015 9:25 | 14.5 |
| GRNV46R2 | 1/22/2015 8:39 | 8.4 | GRNVLHW4 | 1/8/2015 8:14 | 42.9 |
| GRNV65R2 | 1/22/2015 7:38 | 9.5 | GRNVLHW8 | 1/8/2015 8:11 | 43.6 |
| GRNVL10R | 1/22/2015 12:08 | 45.8 | GRNVLPW1 | 1/8/2015 8:29 | 37 |
| GRNVL26R | 1/22/2015 9:13 | 44.9 | GRNVLY01 | 1/22/2015 12:23 | 40.7 |
| GRNVL38R | 1/22/2015 12:12 | 38 | GRNVLY24 | 1/22/2015 9:06 | 43.4 |
| GRNVL44R | 1/8/2015 9:23 | 31.6 | GRNVLY29 | 1/22/2015 10:32 | 45.9 |
| GRNVL47R | 1/8/2015 9:07 | 0.8 | GRNVLY33 | 1/22/2015 10:22 | 29.4 |
| GRNVL60R | 1/8/2015 8:44 | 38.4 | GRNVLY62 | 1/8/2015 8:49 | 40 |
| GRNVL63R | 1/22/2015 7:44 | 5.4 | GRNVLY7R | 1/22/2015 10:15 | 47.7 |

## Extraction Wells < 5 scfm Flow

| | | | | | |
|---|---|---|---|---|---|
| GRNV27RR | 1/22/2015 12:16 | 2.96 | GRNVLY12 | 1/22/2015 9:19 | 0 |
| GRNV46R2 | 1/22/2015 8:40 | 0 | GRNVLY25 | 1/22/2015 12:19 | 0 |
| GRNV65R2 | 1/22/2015 7:39 | 4.78 | GRNVLY35 | 1/22/2015 10:18 | 4.77 |
| GRNVL44R | 1/8/2015 9:23 | 0 | | | |

Green Valley Landfill
Wellfield SOP Summary
January 2015

## Extraction Wells Oxygen > 1%

| | | | | | |
|---|---|---|---|---|---|
| GRNV46R2 | 1/22/2015 8:40 | 13.1 | GRNVLHW7 | 1/22/2015 7:55 | 1 |
| GRNV65R2 | 1/22/2015 7:39 | 16.4 | GRNVLHW8 | 1/22/2015 7:49 | 1.1 |
| GRNVL10R | 1/22/2015 12:08 | 1.4 | GRNVLPW1 | 1/22/2015 7:59 | 4.4 |
| GRNVL44R | 1/8/2015 9:23 | 4.6 | GRNVLY24 | 1/22/2015 9:09 | 4.9 |
| GRNVL63R | 1/22/2015 7:44 | 18.3 | GRNVLY33 | 1/22/2015 10:22 | 3.1 |
| GRNVLHW1 | 1/22/2015 9:26 | 14.5 | GRNVLY35 | 1/22/2015 10:18 | 1 |
| GRNVLHW3 | 1/22/2015 7:57 | 2.9 | GRNVLY58 | 1/22/2015 8:25 | 1.3 |
| GRNVLHW4 | 1/22/2015 7:51 | 3.2 | GRNVLY62 | 1/22/2015 8:15 | 4.4 |
| GRNVLHW5 | 1/22/2015 7:47 | 2.1 | | | |

## Extraction Wells Temperature > 120°F

| | | | | | |
|---|---|---|---|---|---|
| GRNVL32R | 1/22/2015 10:29 | 125.1 | GRNVLY36 | 1/22/2015 10:08 | 123.7 |

# ATTACHMENT F

## SSM Reports

# 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 | | | | | | | | | | | |
| DL-8 | Removed | Removed | | | | | | | | | | | |
| CK-1 | 587085 | 597136 | | | | | | | | | | | |
| CK-2 | 267063 | 271873 | | | | | | | | | | | |
| CK-3 | 134655 | 156625 | | | | | | | | | | | |
| CK-4 | 112614 | 117128 | | | | | | | | | | | |
| CK-H | 72953 | 190722 | | | | | | | | | | | |
| Toe Drain | 574542 | 600997 | | | | | | | | | | | |
| GRNVLPW1 | 19506 | 19510 | | | | | | | | | | | |
| GRNVLPW2 | 29057 | 29087 | | | | | | | | | | | |
| RS1 | | 341 | | | | | | | | | | | |
| RS2 | | 1337 | | | | | | | | | | | |
| GRNVLY04 | 295052 | 305091 | | | | | | | | | | | |
| GRNVLY7R | 193730 | 213038 | | | | | | | | | | | |
| GRNVL08R | 7041 | 7121 | | | | | | | | | | | |
| GRNVL10R | 608 | 608 | | | | | | | | | | | |
| GRNVL13R | 153277 | 155525 | | | | | | | | | | | |
| GRNVL18R | | 195 | | | | | | | | | | | |
| GRNVLY21 | | 70 | | | | | | | | | | | |
| GRNVLY23 | 204 | 204 | | | | | | | | | | | |
| GRNVLY25 | 201803 | 204096 | | | | | | | | | | | |
| GRNVL26R | 156954 | 156954 | | | | | | | | | | | |
| GRNV27RR | Removed | Removed | | | | | | | | | | | |
| GRNVLY28 | 85378 | 89133 | | | | | | | | | | | |
| GRNVLY29 | 120186 | 120186 | | | | | | | | | | | |
| GRNVL32R | 844703 | 845295 | | | | | | | | | | | |
| GRNVLY35 | 19652 | 19652 | | | | | | | | | | | |
| GRNVL38R | Removed | Removed | | | | | | | | | | | |
| GRNVL41R | 98724 | 98735 | | | | | | | | | | | |
| GRNVL43R | Removed | Removed | | | | | | | | | | | |
| GRNVL44R | Removed | Removed | | | | | | | | | | | |
| GRNVL47R | Removed | Removed | | | | | | | | | | | |
| GRNVL49R | | 9296 | | | | | | | | | | | |
| GRNVL52R | | | | | | | | | | | | | |
| GRNVL54R | | 495387 | | | | | | | | | | | |
| GRNVLY55 | 2053 | 2179 | | | | | | | | | | | |
| GRNVLY56 | 59805 | 60609 | | | | | | | | | | | |
| GRNVLY57 | 11721 | 12209 | | | | | | | | | | | |
| GRNVLY58 | 603 | 608 | | | | | | | | | | | |
| GRNVL59R | 116803 | 120409 | | | | | | | | | | | |
| GRNVL60R | | 241 | | | | | | | | | | | |
| GRNVLY61 | 678205 | 678205 | | | | | | | | | | | |
| GRNVLY62 | 45950 | 46121 | | | | | | | | | | | |
| GRNVL63R | NA | NA | | | | | | | | | | | |
| GRNV64R2 | 816335 | 16326 | | | | | | | | | | | |

# ATTACHMENT H

## Cover Integrity Inspection

## Monthly Cover Integrity Inspection
## Surface Monitoring Design Plan

LANDFILL: Green Valley - 2015

Monitoring Control and Compliance, Inc.

| Month | Overlooked/Additional Work Needed | Date Work Completed / Monitoring Initials | Re-Inspection Date / Initials | Signature |
|---|---|---|---|---|
| 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<br>ZA | | |
| February 2015 | | | | |
| March 2015 | | | | |
| April 2015 | | | | |
| May 2015 | | | | |
| June 2015 | | | | |
| July 2015 | | | | |
| August 2015 | | | | |
| September 2015 | | | | |
| October 2015 | | | | |
| November 2015 | | | | |
| December 2015 | | | | |

# ATTACHMENT I

## Additional Miscellaneous Information

GREEN VALLEY LANDFILL
Over 58% CH4 Table
January 2015

| Well ID | 1/8/15 | 1/22/15 | Field Comment | Suggested fix |
|---|---|---|---|---|
| GRNV17R2 | | 59.6 | | |
| GRNV64R2 | | 59.4 | needs pump maintenence | pump |
| GRNV65R2 | 59.5 | | Previously out of compliance for O2 | Additonal Tuning |
| GRNVL13R | | 58 | | Additonal Tuning |
| GRNVL49R | 62.2 | | FM Restricted | Jetting or Jumper Line |
| GRNVL60R | | 61.2 | | Additonal Tuning |
| GRNVLHW5 | 63.2 | | | Additonal Tuning |
| GRNVLHW6 | | 59 | | Additonal Tuning |
| GRNVLY03 | 59.6 | 60.7 | Max applied | |
| GRNVLY16 | | 62.1 | Max applied | |
| GRNVLY22 | | 62.1 | Max applied | Additonal Tuning |
| GRNVLY55 | 58.3 | | Force main restricted | Jetting or Jumper Line |

| | | |
|---|---|---|
| **Total wells 58%** | 5 | 8 |
| **Monitoring points** | 63 | 63 |
| **Percentage** | 7.94% | 12.70% |

| | |
|---|---|
| | January |
| **Month total** | 12 |
| | 19.05% |

Monitoring Control and Compliance, Inc.

RECEIVED 3/18/15

March 4, 2015

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

**Subject:** Monthly LFG Report for February 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 February 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.
Dana Oleniacz

# FEBRUARY 2015 MONTHLY REPORT

## *Control System Operations*

*Initial Flare Readings*

During the February 3, 2015 monitoring event, the gas quality at the blower inlet was 51.4% CH4, 32.4% CO2, 1.5% O2 and 14.7% balance gas. The applied vacuum to the wellfield was -28.56 inches of water and the flow was 710 SCFM.

*Final Flare Readings*

At the end of the tuning event on February 3, 2015, the gas quality going to the blower inlet was 49.7% CH4, 34.0% CO2, 1.6% O2 and 14.7% balance gas. The applied vacuum to the wellfield was -26.49 inches of water and the flow was 700 SCFM.

The flare did not operate during February 2015. The system has been running on vacuum supplied by the gas plant since November 24th, 2014.

**Table 1 – Control System Down Time Report**

| Start Time | End Time | Comments |
|---|---|---|
| 11/24 10:44 | Through 3/1/15 | Running on bypass from gas plant |

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

## *Monthly Wellhead Monitoring Results*

There are a total of 60 monitoring points (54 wells, 6 horizontal wells) 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);
- Twelve (12) 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.
- Seventeen (17) wells recorded methane concentrations below the site's SOP of 48% see attachment E.
- Fifteen (15) 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 February 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 February 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 February 2015.

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

| | | |
|---|---|---|
| GRNV46R2 | O2 | Operated outside NSPS standards from 10/9/14 through the end of February 2015. |
| GRNVL13R | Pressure | Operated outside NSPS standards from 2/3/15 through the end of February 2015. |
| GRNVL44R | O2 | Operated outside NSPS standards from 2/3/15 through the end of February 2015. |
| GRNVL63R | O2 | Operated outside NSPS standards from 12/5/14 through the end of February 2015. |

## ***Collection System Operations and Maintenance***

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

- No wells were activated during the month of February 2015.
- No wells were decommissioned during the month of February 2015.
- Recorded pump counts; A copy of the pump counts are presented in Attachment G.

## Quarterly Surface Emissions Monitoring

The 1st quarter Initials Surface Emission Monitoring has not yet been completed. It is scheduled for March 9th, 2015.

## Perimeter Probe and Building Monitoring

The 1st quarter 2015 perimeter probe and on-site structure monitoring is scheduled for March 9th, 2015.

## 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: 30 and 16.
- Laterals to HW01, EW04, and 65R2 need to be properly decommissioned.
- 47R is watered in.
- The Toe Drain has a leaking regulator that needs replaced.
- A pump cleaning station should be built to assist with pump maintenance.

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

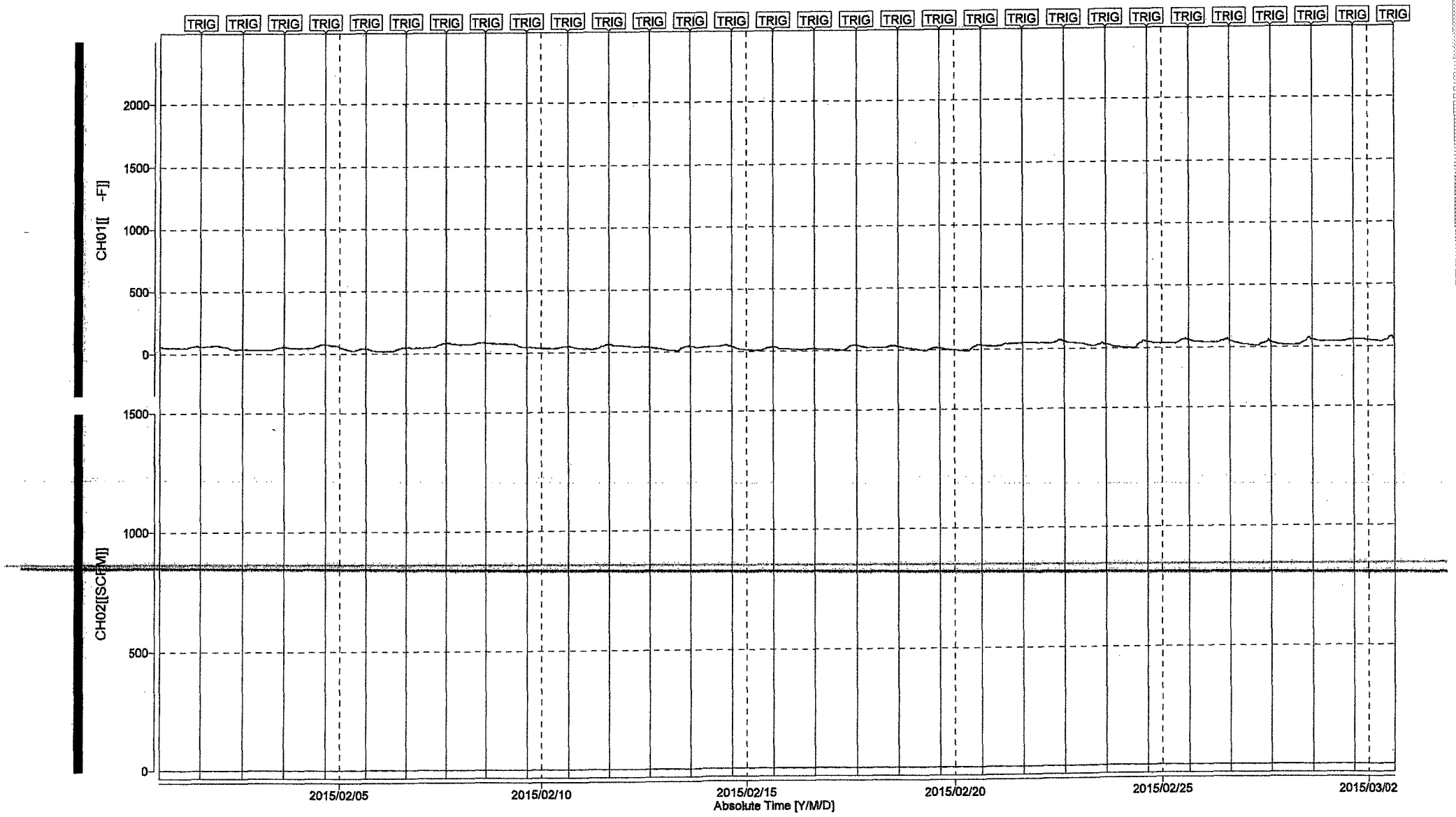
# ATTACHMENT A

## Flare Chart Records

| | |
|---|---|
| File Name | : 13116485.DDS,...,30116485.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 | : 5400 |
| Sampling Interval | : 480.000 sec |
| Start Time | : 2015/01/31 15:48:00.000 |
| Stop Time | : 2015/03/02 15:40:00.000 |
| Trigger Time | : 2015/03/02 15:40:00.000 |
| Trigger No. | : 5399 |
| Damage Check | : Not Damaged |

| | |
|---|---|
| Printed Group | : FLARE DATA |
| Printed Range | : 2015/01/31 15:48:00.000 - 2015/03/02 15:40:00.000 |
| Comment | : |



# ATTACHMENT B

## Landfill Gas System Monitoring Data

# Green Valley Landfill
## Wellfield Monitoring Data - February 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 | 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-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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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; |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| ~~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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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; |
| 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
## Wellfield Monitoring Data - February 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| GRNVLY02 | 2/3/2015 12:40 | 51 | 34.8 | 0 | 14.2 | -11.65 | | 105 | 17 | | -27.67 | 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |

# Green Valley Landfill
## Wellfield Monitoring Data - February 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| GRNVBOT2 | 2/3/2015 10:56 | | | | | | | | | | | Manually entered; NIU |
| 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 |
| 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 |
| 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 |
| Flare 1 | 2/3/2015 10:55 | | | | | | | | | | | Manually entered; NIU |
| 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 |

| | |
|---|---|
| Total Number of Wells | 60 |
| Total Number of Well Readings | 60 |
| Total Number of Readings NOT Collected | 0 |

| | |
|---|---|
| Number of Wells With Methane > 45% | 17 |
| Number of Wells with Methane > 50% | 34 |
| Number of Wells with Methane > 55% | 12 |
| Number of Wells With Oxygen > 5% | 12 |
| Number of Wells With Temperature > 120 F | 2 |
| Number of Wells With Flow > 5 SCFM | 15 |

# ATTACHMENT C

## Gas Meter Calibration Records

Meter Calibration Form

| | |
|---|---|
| Technician: | Zachary Ankney |
| Meter Serial #: | 1003018 |
| PDA ID: | WM_Tom_Philips2 |
| Meter Date: | 2/3/15 |
| Meter Time: | 7:21 AM |

| Sensor | Lot # | Cylinder % | Calibration % |
|---|---|---|---|
| Methane | 000000EE1818 | 0 | -0.04 |
| Methane | 000000EE1747 | 50.15 | 51.48 |
| Oxygen | 000000EE1747 | 0 | 0.09 |
| Oxygen | 000000EE1818 | 4 | 3.87 |
| CO2 | 000000EE1818 | 0 | -0.16 |
| CO2 | 000000EE1747 | 35.26 | 35.38 |
| 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 |

Meter Calibration Form

| | |
|---|---|
| Technician: | Zachary Ankney |
| Meter Serial #: | 1003018 |
| PDA ID: | WM_Tom_Philips2 |
| Meter Date: | 2/3/15 |
| Meter Time: | 12:13 PM |

| Sensor | Lot # | Cylinder % | Calibration % |
|---|---|---|---|
| Methane | 000000EE1818 | 0 | 0.01 |
| Methane | 000000EE1747 | 50.15 | 50.29 |
| Oxygen | 000000EE1747 | 0 | -0.07 |
| Oxygen | 000000EE1818 | 4 | 4.05 |
| CO2 | 000000EE1818 | 0 | -0.01 |
| CO2 | 000000EE1747 | 35.26 | 35.55 |
| Available (high) | NA | 0 | -0.04 |
| Applied (low) | NA | 0 | -0.02 |
| 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: | 2/3/15 |
| Meter Time: | 1:25 PM |

| Sensor | Lot # | Cylinder % | Calibration % |
|---|---|---|---|
| Methane | 000000EE1818 | 0 | 0.03 |
| Methane | 000000EE1747 | 50.15 | 50.15 |
| Oxygen | 000000EE1747 | 0 | -0.02 |
| Oxygen | 000000EE1818 | 4 | 3.98 |
| CO2 | 000000EE1818 | 0 | 0.07 |
| CO2 | 000000EE1747 | 35.26 | 35.07 |
| Available (high) | NA | 0 | -0.04 |
| Applied (low) | NA | 0 | -0.02 |
| Applied (high) | NA | 0 | 0 |
| Differential (low) | NA | 0 | 0.01 |
| Differential (high) | NA | 0 | 0 |

Meter Calibration Form

| | |
|---|---|
| Technician: | Zachary Ankney |
| Meter Serial #: | 1003018 |
| PDA ID: | WM_Tom_Philips2 |
| Meter Date: | 2/17/15 |
| Meter Time: | 10:03 AM |

| Sensor | Lot # | Cylinder % | Calibration % |
|---|---|---|---|
| Methane | 000000EE2029 | 0 | 0 |
| Methane | 000000EE1180 | 50.35 | 49.76 |
| Oxygen | 000000EE1180 | 0 | 0.07 |
| Oxygen | 000000EE2029 | 4 | 3.91 |
| CO2 | 000000EE2029 | 0 | -0.03 |
| CO2 | 000000EE1180 | 35.15 | 35.27 |
| Available (high) | NA | 0 | -0.09 |
| Applied (low) | NA | 0 | -0.03 |
| Applied (high) | NA | 0 | -0.04 |
| Differential (low) | NA | 0 | 0.01 |
| Differential (high) | NA | 0 | 0 |

Meter Calibration Form

| | |
|---|---|
| Technician: | Zachary Ankney |
| Meter Serial #: | 1003018 |
| PDA ID: | WM_Tom_Philips2 |
| Meter Date: | 2/17/15 |
| Meter Time: | 11:19 AM |

| Sensor | Lot # | Cylinder % | Calibration % |
|---|---|---|---|
| Methane | 000000EE2029 | 0 | 0.03 |
| Methane | 000000EE1180 | 50.35 | 50.87 |
| Oxygen | 000000EE1180 | 0 | -0.1 |
| Oxygen | 000000EE2029 | 4 | 4.06 |
| CO2 | 000000EE2029 | 0 | 0.07 |
| CO2 | 000000EE1180 | 35.15 | 35.03 |
| Available (high) | NA | 0 | 0 |
| Applied (low) | NA | 0 | -0.02 |
| Applied (high) | NA | 0 | 0 |
| 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: 2/3/2015

## 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. | | -27 |
| Motor operating properly | ☑ | ☑ | |
| Plant flow rate | SCFM | | 700 |
| 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 | % | | 54 |

## Air Compressor Components

| Item | Yes | No | Comments |
|---|---|---|---|
| Unit Operating in Automatic Mode | ☑ | ☐ | Hours: 13072; Temp: 170 F - Needs serviced ASAP |
| Compressor Tank Drained | ☑ | ☐ | |
| Filters Clean | ☑ | ☐ | |
| Compressor Tank Pressure | PSI | | 102 |
| 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 1-4, DL 7&8, Toe Drain and CK-H | All cycling properly |
| | |
| | |

## Additional Comments

# ATTACHMENT E

## Wellfield SOP Summary

Green Valley Landfill
Wellfield SOP Summary
February 2015

## Extraction Wells > 58% Methane

| | | | | | |
|---|---|---|---|---|---|
| GRNV65R2 | 2/3/2015 7:46 | 60.5 | GRNVLHW6 | 2/3/2015 8:27 | 59.4 |
| GRNVL13R | 2/3/2015 9:48 | 61.8 | GRNVLHW7 | 2/3/2015 8:07 | 60.2 |
| GRNVL41R | 2/3/2015 9:09 | 61.7 | GRNVLHW8 | 2/3/2015 7:57 | 59.9 |
| GRNVL49R | 2/3/2015 8:51 | 58.4 | GRNVLPW2 | 2/3/2015 8:04 | 59.5 |
| GRNVL52R | 2/3/2015 8:37 | 58.2 | GRNVLY12 | 2/3/2015 9:37 | 58.7 |
| GRNVLHW1 | 2/3/2015 9:46 | 64.1 | GRNVLY30 | 2/3/2015 9:41 | 61.6 |

## Extraction Wells > 52% Methane

| | | | | | |
|---|---|---|---|---|---|
| GRNV50R3 | 2/3/2015 8:17 | 56.4 | GRNVLHW7 | 2/3/2015 8:07 | 60.2 |
| GRNV64R2 | 2/3/2015 7:50 | 57.4 | GRNVLHW8 | 2/3/2015 7:57 | 59.9 |
| GRNV65R2 | 2/3/2015 7:46 | 60.5 | GRNVLPW2 | 2/3/2015 8:04 | 59.5 |
| GRNVL08R | 2/3/2015 10:25 | 52.9 | GRNVLY03 | 2/3/2015 9:22 | 57.6 |
| GRNVL13R | 2/3/2015 9:48 | 61.8 | GRNVLY12 | 2/3/2015 9:37 | 58.7 |
| GRNVL38R | 2/3/2015 12:27 | 52.5 | GRNVLY16 | 2/3/2015 10:14 | 54.7 |
| GRNVL41R | 2/3/2015 9:09 | 61.7 | GRNVLY21 | 2/3/2015 10:05 | 57.7 |
| GRNVL43R | 2/3/2015 9:02 | 56.4 | GRNVLY22 | 2/3/2015 10:07 | 57.6 |
| GRNVL47R | 2/3/2015 8:49 | 57.8 | GRNVLY23 | 2/3/2015 10:10 | 53.8 |
| GRNVL49R | 2/3/2015 8:51 | 58.4 | GRNVLY28 | 2/3/2015 9:33 | 57.5 |
| GRNVL52R | 2/3/2015 8:37 | 58.2 | GRNVLY30 | 2/3/2015 9:41 | 61.6 |
| GRNVL54R | 2/3/2015 8:34 | 55.1 | GRNVLY35 | 2/3/2015 10:32 | 57.9 |
| GRNVL59R | 2/3/2015 8:20 | 57.6 | GRNVLY36 | 2/3/2015 10:22 | 53.8 |
| GRNVLHW1 | 2/3/2015 9:46 | 64.1 | GRNVLY55 | 2/3/2015 9:12 | 57.3 |
| GRNVLHW3 | 2/3/2015 8:10 | 55.5 | GRNVLY56 | 2/3/2015 8:55 | 57.9 |
| GRNVLHW5 | 2/3/2015 7:55 | 56.5 | GRNVLY57 | 2/3/2015 8:46 | 54.9 |
| GRNVLHW6 | 2/3/2015 8:27 | 59.4 | GRNVLY58 | 2/3/2015 8:43 | 55.9 |

## Extraction Wells < 48% Methane

| | | | | | |
|---|---|---|---|---|---|
| GRNV27RR | 2/3/2015 12:30 | 46.5 | GRNVLY01 | 2/3/2015 12:37 | 44.4 |
| GRNV46R2 | 2/3/2015 8:57 | 7.4 | GRNVLY20 | 2/3/2015 10:02 | 46.6 |
| GRNVL10R | 2/3/2015 12:24 | 43.1 | GRNVLY24 | 2/3/2015 9:24 | 0.8 |
| GRNVL18R | 2/3/2015 10:45 | 41.8 | GRNVLY29 | 2/3/2015 10:52 | 46 |
| GRNVL26R | 2/3/2015 9:31 | 46.1 | GRNVLY31 | 2/3/2015 9:51 | 47.9 |
| GRNVL44R | 2/17/2015 10:25 | 12.9 | GRNVLY33 | 2/3/2015 10:40 | 23.6 |
| GRNVL60R | 2/3/2015 8:22 | 43.4 | GRNVLY34 | 2/3/2015 9:57 | 44.7 |
| GRNVL63R | 2/3/2015 7:52 | 5.1 | GRNVLY7R | 2/3/2015 10:28 | 46.6 |
| GRNVLHW4 | 2/3/2015 8:01 | 46.5 | | | |

Green Valley Landfill
Wellfield SOP Summary
February 2015

## Extraction Wells < 5 scfm Flow

| | | | | | |
|---|---|---|---|---|---|
| GRNV27RR | 2/3/2015 12:30 | 2.38 | GRNVL47R | 2/3/2015 8:49 | 0 |
| GRNV46R2 | 2/17/2015 10:29 | 5 | GRNVL63R | 2/17/2015 10:34 | 4.97 |
| GRNV65R2 | 2/3/2015 7:48 | 0 | GRNVLY12 | 2/3/2015 9:38 | 0 |
| GRNVL10R | 2/3/2015 12:24 | 0 | GRNVLY24 | 2/3/2015 9:28 | 4.85 |
| GRNVL13R | 2/17/2015 10:52 | 0 | GRNVLY29 | 2/3/2015 10:52 | 2.87 |
| GRNVL38R | 2/3/2015 12:27 | 2.85 | GRNVLY33 | 2/3/2015 10:40 | 0 |
| GRNVL43R | 2/3/2015 9:02 | 0 | GRNVLY35 | 2/3/2015 10:33 | 2.76 |
| GRNVL44R | 2/17/2015 10:25 | 0 | | | |

## Extraction Wells Oxygen > 1%

| | | | | | |
|---|---|---|---|---|---|
| GRNV46R2 | 2/17/2015 10:29 | 8.3 | GRNVLHW5 | 2/3/2015 7:55 | 1.9 |
| GRNVL10R | 2/3/2015 12:24 | 1.5 | GRNVLPW1 | 2/3/2015 8:12 | 3 |
| GRNVL44R | 2/17/2015 10:25 | 9.2 | GRNVLY24 | 2/3/2015 9:28 | 4.9 |
| GRNVL63R | 2/17/2015 10:34 | 19.3 | GRNVLY33 | 2/3/2015 10:40 | 4 |
| GRNVLHW3 | 2/3/2015 8:10 | 1.2 | GRNVLY58 | 2/3/2015 8:43 | 1.1 |
| GRNVLHW4 | 2/3/2015 8:01 | 4.7 | GRNVLY62 | 2/3/2015 8:29 | 3.3 |

## Extraction Wells Temperature > 120°F

| | | | | | |
|---|---|---|---|---|---|
| GRNVL32R | 2/3/2015 10:48 | 123.7 | GRNVLY36 | 2/3/2015 10:22 | 123.5 |

# ATTACHMENT F

## SSM Reports

# 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 | 361880 | | | | | | | | | | |
| DL-8 | Removed | Removed | Removed | | | | | | | | | | |
| CK-1 | 587085 | 597136 | 607640 | | | | | | | | | | |
| CK-2 | 267063 | 271873 | 275462 | | | | | | | | | | |
| CK-3 | 134655 | 156625 | 177239 | | | | | | | | | | |
| CK-4 | 112614 | 117128 | 117135 | | | | | | | | | | |
| CK-H | 72953 | 190722 | 235250 | | | | | | | | | | |
| Toe Drain | 574542 | 600997 | 601004 | | | | | | | | | | |
| GRNVLPW1 | 13506 | 13510 | 13610 | | | | | | | | | | |
| GRNVLPW2 | 20067 | 20067 | 20069 | | | | | | | | | | |
| RS1 | | 341 | 341 | | | | | | | | | | |
| RS2 | | 1557 | 1557 | | | | | | | | | | |
| GRNVLY04 | 295052 | DECOM | DECOM | | | | | | | | | | |
| GRNVLY7R | 193730 | 213038 | 224133 | | | | | | | | | | |
| GRNVL08R | 70471 | 71201 | 71737 | | | | | | | | | | |
| GRNVL10R | 603 | 606 | 608 | | | | | | | | | | |
| GRNVL13R | 153277 | 155525 | 157755 | | | | | | | | | | |
| GRNVL18R | | 295 | 295 | | | | | | | | | | |
| GRNVLY21 | | 70 | 70 | | | | | | | | | | |
| GRNVLY23 | 201 | 204 | 204 | | | | | | | | | | |
| GRNVLY26 | 201803 | 204096 | 206058 | | | | | | | | | | |
| GRNVL26R | 153951 | 156052 | 156951 | | | | | | | | | | |
| GRNV27RR | Removed | Removed | Removed | | | | | | | | | | |
| GRNVLY28 | 85378 | 89133 | 91180 | | | | | | | | | | |
| GRNVLY29 | 120186 | 120186 | 120186 | | | | | | | | | | |
| GRNVL32R | 844703 | 845291 | 845291 | | | | | | | | | | |
| GRNVLY35 | 19652 | 19652 | 19652 | | | | | | | | | | |
| GRNVL38R | Removed | Removed | Removed | | | | | | | | | | |
| GRNVL41R | 95744 | 97766 | 98776 | | | | | | | | | | |
| GRNVL43R | Removed | Removed | Removed | | | | | | | | | | |
| GRNVL44R | Removed | Removed | Removed | | | | | | | | | | |
| GRNVL47R | Removed | Removed | Removed | | | | | | | | | | |
| GRNVL49R | | 9296 | 9750 | | | | | | | | | | |
| GRNVL52R | Removed | Removed | Removed | | | | | | | | | | |
| GRNVL54R | | 495387 | 497012 | | | | | | | | | | |
| GRNVLY55 | 2053 | 2179 | 7651 | | | | | | | | | | |
| GRNVLY56 | 59805 | 60609 | 62086 | | | | | | | | | | |
| GRNVLY57 | 11721 | 12209 | 12424 | | | | | | | | | | |
| GRNVLY58 | 308 | 308 | 308 | | | | | | | | | | |
| GRNVL59R | 116803 | 120409 | 121339 | | | | | | | | | | |
| GRNVL60R | | 241 | 241 | | | | | | | | | | |
| GRNVLY61 | 873205 | 873205 | 873205 | | | | | | | | | | |
| GRNVLY62 | 45950 | 46121 | 46121 | | | | | | | | | | |
| GRNVL63R | NA | NA | NA | | | | | | | | | | |
| GRNV64R2 | 816335 | 16828 | 65622 | | | | | | | | | | |

# ATTACHMENT H

## Cover Integrity Inspection

Monthly Cover Integrity Inspection
Surface Monitoring Design Plan

LANDFILL: Green Valley - 2015

| Month | Operating Properties Condition or Question | Date Corrected (or Anticipated Date) | Date Verified (Initials) | Site Condition |
|---|---|---|---|---|
| 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<br>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<br>ZA | | |
| March 2015 | | | | |
| April 2015 | | | | |
| May 2015 | | | | |
| June 2015 | | | | |
| July 2015 | | | | |
| August 2015 | | | | |
| September 2015 | | | | |
| October 2015 | | | | |
| November 2015 | | | | |
| December 2015 | | | | |

# ATTACHMENT I

## Additional Miscellaneous Information

Green Valley Landfill
Over 58% Methane Table
February 2015

| Well ID | 1/8/15 | 1/22/15 | 2/3/15 | 2/17/15 | Field Comment | Suggested fix |
|---|---|---|---|---|---|---|
| GRNV17R2 | | 59.6 | | | | |
| GRNV64R2 | | 59.4 | | | needs pump maintenence | Pump maintnence |
| GRNV65R2 | 59.5 | | 60.5 | | Previously out of compliance for O2 | Additonal Tuning |
| GRNVL13R | | 58 | 61.8 | 61.1 | Positive pressure due to frozen sump | |
| GRNVL41R | | | 61.7 | | Max applied | Pump maintnence |
| GRNVL49R | 62.2 | | 58.4 | | FM Restricted | Jetting or Jumper Line |
| GRNVL52R | | | 58.2 | | Max applied | Pump stuck in well |
| GRNVL60R | | 61.2 | | | | Additonal Tuning |
| GRNVLHW1 | | | 64.1 | | | Additonal Tuning |
| GRNVLHW5 | 63.2 | | | | | Additonal Tuning |
| GRNVLHW6 | | 59 | 59.4 | | | Additonal Tuning |
| GRNVLHW7 | | | 60.2 | | | Additonal Tuning |
| GRNVLHW8 | | | 59.9 | | | Additonal Tuning |
| GRNVLPW2 | | | 59.5 | | Max applied | Pump stuck in well |
| GRNVLY03 | 59.6 | 60.7 | | | Max applied | |
| GRNVLY12 | | | 58.7 | | Max applied | |
| GRNVLY16 | | 62.1 | | | Max applied | |
| GRNVLY22 | | 62.1 | | | Max applied | Additonal Tuning |
| GRNVLY30 | | | 61.6 | | | Additonal Tuning |
| GRNVLY55 | 58.3 | | | | Force main restricted | Jetting or Jumper Line |

| | | | | |
|---|---|---|---|---|
| **Total wells 58%** | 5 | 8 | 12 | 1 |
| **Monitoring points** | 63 | 63 | 63 | 63 |
| **Percentage** | 7.94% | 12.70% | 19.05% | 1.59% |

| | January | February |
|---|---|---|
| **Month Total** | 12 | 12 |
| | 19.05% | 19.05% |

Monitoring Control and Compliance, Inc.

April 2, 2015

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

**Subject:** Monthly LFG Report for March 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 March 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

# MARCH 2015 MONTHLY REPORT

## *Control System Operations*

*Initial Flare Readings*

During the March 3, 2015 monitoring event, the gas quality at the blower inlet was 55.2% CH4, 31.6% CO2, 1.5% O2 and 11.7% balance gas. The applied vacuum to the wellfield was -18.85 inches of water and the flow was 660 SCFM.

*Final Flare Readings*

At the end of the tuning event on March 18, 2015, the gas quality going to the blower inlet was 56.1% CH4, 32.9% CO2, 1.5% O2 and 9.5% balance gas. The applied vacuum to the wellfield was -18.03 inches of water and the flow was 630 SCFM.

The flare did not operate during March 2015. The system has been running on vacuum supplied by the gas plant since November 24th, 2014.

**Table 1- 1 Control System Down Time Report**

| Start time | End Time | Comments |
|---|---|---|
| 11/24 10:44 | Through 4/1/15 | Running on bypass from gas plant |

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

## *Monthly Wellhead Monitoring Results*

There are a total of 60 monitoring points (54 wells, 6 horizontal wells) 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);
- Forty-four (44) wells exceeded the 58% methane target level set forth in the site's standard operating procedures (SOP); see attachment E.
- Fifty-three (33) wells exceeded the 52% methane target level set forth in the site's standard operating procedures (SOP); see attachment E.
- Thirteen (13) wells recorded methane concentrations below the site's SOP of 48% see attachment E.
- Ten (10) 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 March 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 March 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 March 2015.

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

| Extraction Well No. | Parameter | Comments |
|---|---|---|
| GRNV46R2 | O2 | Operated outside NSPS standards from 10/9/14 through the end of March 2015. |
| GRNVL44R | O2 | Operated outside NSPS standards from 2/3/15 through the end of March 2015. |
| GRNVL63R | O2 | Operated outside NSPS standards from 12/5/14 through the end of March 2015. |
| GRNVLY61 | O2 | Operated outside NSPS standards from 3/3/15 through the end of March 2015. |

***Collection System Operations and Maintenance***

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

- No wells were activated during the month of March 2015.
- No wells were decommissioned during the month of March 2015.
- Pump maintenance was completed on 58, 59R, 60R, 61, 62, 64R2, LPW1, and LPW2 in February; and EW56, 49R, and 54R in March. These reports can be viewed in Attachment I.
- 51 liquid levels were read during the month of March. This report is presented in Attachment I.
- Recorded pump counts; A copy of the pump counts are presented in Attachment G.
- The inlet and outlet pressure transducers on the IR air compressor were replaced on 3/17/15. The air compressor has run consistently since the pressure transducers were replaced. Before that, the air compressor had been down for about 1 week.
- Due to excessive forcemain pressures, two flanged seals failed. MCC installed hard welded caps at these locations.

**Quarterly Surface Emissions Monitoring**

The 1st quarter Initials Surface Emission Monitoring was completed on March 9, 2015. A total of three areas were located with surface methane concentrations above the permissible limit of 500 ppm above background. The areas have been flagged and the 10-day rechecks were performed on March 18, 2015. All 3 areas have surface methane concentrations below 500

ppms. Both reports can be viewed under Attachment I. The one month re-check is scheduled for April 8, 2015.

## Perimeter Probe and Building Monitoring

The 1st quarter 2015 perimeter probe and on-site structure monitoring were completed on March 9, 2015. No issues were found.

## 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: 30 and 16.
- Laterals to HW01, EW04, and 65R2 need to be properly decommissioned.
- The lateral to 47R holds liquids. The line should be regarded or a drain can be installed.
- The Toe Drain has a leaking regulator that needs replaced.
- A pump cleaning station should be built to assist with pump maintenance.
- Significant FM pressure is being observed in Unit II. FM jetting should take place as soon as possible.

This report contains the following appendices':

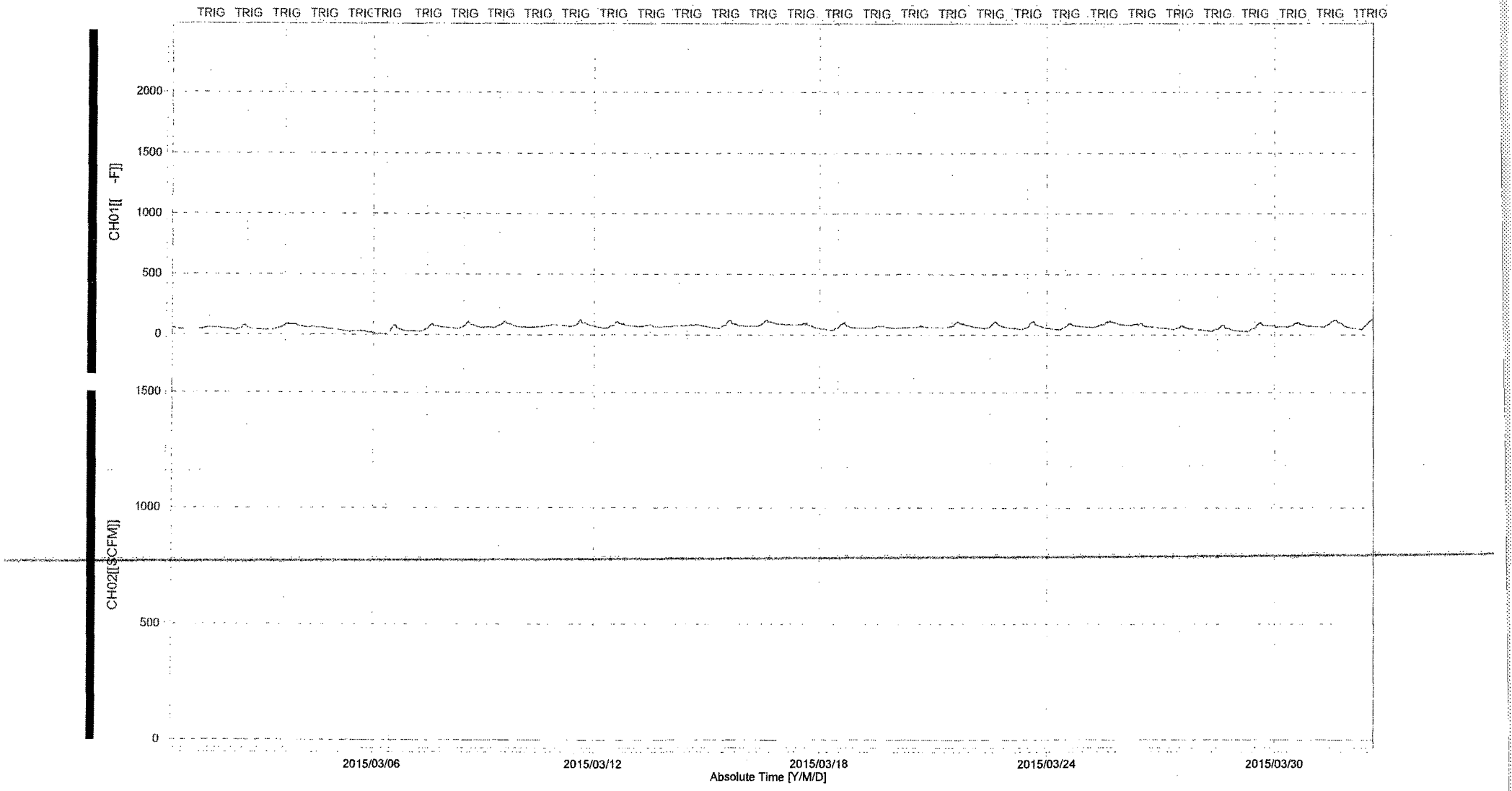
Attachment A – Flare Chart Records
Attachment B – Landfill Gas System Monitoring Data
Attachment C – Gas meter calibration records
Attachment D – O & M Form
Attachment E – Wellfield SOP summary
Attachment F– SSM Forms (if required)
Attachment G – Pump Count Table (if required)
Attachment H – Cover Integrity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

# ATTACHMENT A

**Flare Chart Records**

| | | | |
|---|---|---|---|
| File Name | : 22816485.DDS,...,40111525.DDS | Data Count | : 5751 |
| Device Type | : FX100 | Sampling Interval | : 480.000 sec |
| Serial No. | : S5DB05975 | Start Time | : 2015/02/28 15:48:00.000 |
| File Message | : | Stop Time | : 2015/04/01 15:28:00.000 |
| Time Correction | : None | Trigger Time | : 2015/04/01 15:28:00.000 |
| Starting Condition | : Auto | Trigger No. | : 5750 |
| Dividing Condition | : Manual | Damage Check | : Not Damaged |
| Meas Ch. | : 5 | | |
| Math Ch. | : 4 | | |

| | |
|---|---|
| Printed Group | : FLARE DATA |
| Printed Range | : 2015/02/28 15:48:00.000 - 2015/04/01 15:28:00.000 |
| Comment | : |



# ATTACHMENT B

## Landfill Gas System Monitoring Data

# Green Valley Landfill
## Wellfield Monitoring Data - March 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 | 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-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 |
| 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 |
| 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 |
| 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 |
| 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; |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |

# Green Valley Landfill
## Wellfield Monitoring Data - March 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |

# Green Valley Landfill
## Wellfield Monitoring Data - March 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |

# Green Valley Landfill
## Wellfield Monitoring Data - March 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 | 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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; |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| GRNVLYP1 | 3/9/2015 9:49 | 0 | 2.4 | 11.6 | 86 | 0.01 | | | | | | 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 |
| GRNVLYP3 | 3/9/2015 9:41 | 0 | 4.3 | 6.5 | 89.2 | -0.01 | | | | | | No Change; No Repair Needed; Good |

# Green Valley Landfill
## Wellfield Monitoring Data - March 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GRNVLYP4 | 3/9/2015 9:19 | 0 | 1.2 | 21 | 77.8 | 0 | | | | | | No Change; No Repair Needed; Good |
| GRNVBOT2 | 3/3/2015 11:17 | | | | | | | | | | | Manually entered; NIU |
| 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 |
| 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 |
| 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 |
| Flare 1 | 3/3/2015 11:15 | | | | | | | | | | | Manually entered; NIU |
| 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 |

| | |
|---|---|
| Total Number of Wells | 60 |
| Total Number of Well Readings | 60 |
| Total Number of Readings NOT Collected | 0 |

| | |
|---|---|
| Number of Wells With Methane < 48% | 13 |
| Number of Wells With Methane > 52% | 53 |
| Number of Wells With Methane > 58% | 44 |
| Number of Wells With Oxygen > 1% | 15 |
| Number of Wells With Temperature > 120°F | 3 |
| Number of Wells With Flow < 5 SCFM | 10 |

# ATTACHMENT C

## Gas Meter Calibration Records

Meter Calibration Form

| | |
|---|---|
| Technician: | Zachary Ankney |
| Meter Serial #: | 1003018 |
| PDA ID: | WM_Tom_Philips2 |
| Meter Date: | 3/3/15 |
| Meter Time: | 7:38 AM |

| Sensor | Lot # | Cylinder % | Calibration % |
|---|---|---|---|
| Methane | 000000EE2346 | 0 | -0.02 |
| Methane | 000000EE2460 | 50.4 | 49.43 |
| Oxygen | 000000EE2460 | 0 | 0.08 |
| Oxygen | 000000EE2346 | 4 | 3.86 |
| CO2 | 000000EE2346 | 0 | -0.02 |
| CO2 | 000000EE2460 | 34.37 | 33.99 |
| Available (high) | NA | 0 | -0.04 |
| Applied (low) | NA | 0 | -0.02 |
| 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: | 3/3/15 |
| Meter Time: | 11:42 AM |

| Sensor | Lot # | Cylinder % | Calibration % |
|---|---|---|---|
| Methane | 000000EE2346 | 0 | 0.01 |
| Methane | 000000EE2460 | 50.4 | 49.98 |
| Oxygen | 000000EE2460 | 0 | -0.06 |
| Oxygen | 000000EE2346 | 4 | 4.05 |
| CO2 | 000000EE2346 | 0 | -0.01 |
| CO2 | 000000EE2460 | 34.37 | 34.13 |
| Available (high) | NA | 0 | -0.04 |
| Applied (low) | NA | 0 | -0.01 |
| Applied (high) | NA | 0 | -0.04 |
| Differential (low) | NA | 0 | -0.11 |
| Differential (high) | NA | 0 | -0.11 |

Meter Calibration Form

| | |
|---|---|
| Technician: | Zachary Ankney |
| Meter Serial #: | 1003018 |
| PDA ID: | WM_Tom_Philips2 |
| Meter Date: | 3/3/15 |
| Meter Time: | 12:45 PM |

| Sensor | Lot # | Cylinder % | Calibration % |
|---|---|---|---|
| Methane | 000000EE2346 | 0 | 0.02 |
| Methane | 000000EE2460 | 50.4 | 50.48 |
| Oxygen | 000000EE2460 | 0 | -0.02 |
| Oxygen | 000000EE2346 | 4 | 3.98 |
| CO2 | 000000EE2346 | 0 | 0.02 |
| CO2 | 000000EE2460 | 34.37 | 34.36 |
| 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 | 0.01 |

Meter Calibration Form

| | |
|---|---|
| Technician: | Zachary Ankney |
| Meter Serial #: | 1003018 |
| PDA ID: | WM_Tom_Philips2 |
| Meter Date: | 3/9/15 |
| Meter Time: | 9:01 AM |

| Sensor | Lot # | Cylinder % | Calibration % |
|---|---|---|---|
| Methane | 000000EE2487 | 0 | 0 |
| Methane | | 15 | 14.89 |
| Oxygen | 000000EE2456 | 0 | 0.08 |
| Oxygen | | 20.9 | 20.03 |
| CO2 | 000000EE2487 | 0 | -0.02 |
| CO2 | | 15 | 14.91 |
| Available (high) | NA | 0 | -0.04 |
| Applied (low) | NA | 0 | -0.02 |
| 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: | 3/18/15 |
| Meter Time: | 7:08 AM |

| Sensor | Lot # | Cylinder % | Calibration % |
|---|---|---|---|
| Methane | 000000EE2487 | 0 | -0.04 |
| Methane | 000000EE2456 | 50.4 | 51 |
| Oxygen | 000000EE2456 | 0 | 0.04 |
| Oxygen | 000000EE2487 | 4 | 3.97 |
| CO2 | 000000EE2487 | 0 | -0.01 |
| CO2 | 000000EE2456 | 34.37 | 35.18 |
| Available (high) | NA | 0 | 0 |
| 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: | 3/18/15 |
| Meter Time: | 11:23 AM |

| Sensor | Lot # | Cylinder % | Calibration % |
|---|---|---|---|
| Methane | 000000EE2487 | 0 | 0.04 |
| Methane | 000000EE2456 | 50.4 | 50.74 |
| Oxygen | 000000EE2456 | 0 | -0.04 |
| Oxygen | 000000EE2487 | 4 | 4.03 |
| CO2 | 000000EE2487 | 0 | 0 |
| CO2 | 000000EE2456 | 34.37 | 34.24 |
| 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 |

Meter Calibration Form

| | |
|---|---|
| Technician: | Zachary Ankney |
| Meter Serial #: | 1003018 |
| PDA ID: | WM_Tom_Philips2 |
| Meter Date: | 3/18/15 |
| Meter Time: | 12:39 PM |

| Sensor | Lot # | Cylinder % | Calibration % |
|---|---|---|---|
| Methane | 000000EE2487 | 0 | 0.01 |
| Methane | 000000EE2456 | 50.4 | 50.36 |
| Oxygen | 000000EE2456 | 0 | 0.04 |
| Oxygen | 000000EE2487 | 4 | 4.06 |
| CO2 | 000000EE2487 | 0 | 0 |
| CO2 | 000000EE2456 | 34.37 | 34.47 |
| Available (high) | NA | 0 | -0.04 |
| Applied (low) | NA | 0 | -0.01 |
| Applied (high) | NA | 0 | -0.09 |
| 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: 3/3/2015

**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. | | -16 |
| Motor operating properly | ☑ | ☐ | |
| Plant flow rate | SCFM | | 650 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 Propane valve leaking. Recommend replacement asap |

**Air Compressor Components**

| Item | Yes | No | Comments |
|---|---|---|---|
| Unit Operating in Automatic Mode | ☑ | ☐ | Hours: 13362; Temp: 187 F |
| Compressor Tank Drained | ☑ | ☐ | |
| Filters Clean | ☑ | ☐ | |
| Compressor Tank Pressure | PSI | | 102 |
| 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: 616958 | All cycling properly |
| CK-2: 279617 | |
| CK-3: 191461 | |
| CK-4: 123617 | |
| DL-7: 375275 | |
| Toe Drain: 734031 | |
| CK-H: 400956 | |

**Additional Comments**

Flare to be started up during 2nd monthly balancing event.

# ATTACHMENT E

## Wellfield SOP Summary

Green Valley Landfill
Wellfield SOP Summary
March 2015

## Extraction Wells > 58% Methane

| Extraction Well ID | Date | Methane % | Extraction Well ID | Date | Methane % |
|---|---|---|---|---|---|
| GRNV17R2 | 3/18/2015 10:00 | 59.5 | GRNVLY02 | 3/3/2015 12:13 | 62.5 |
| GRNV27RR | 3/3/2015 12:02 | 61.8 | GRNVLY03 | 3/3/2015 9:31 | 61.9 |
| GRNV50R3 | 3/18/2015 8:02 | 58 | GRNVLY12 | 3/18/2015 9:19 | 58.7 |
| GRNV64R2 | 3/18/2015 7:34 | 58.9 | GRNVLY16 | 3/18/2015 9:54 | 61 |
| GRNV65R2 | 3/18/2015 7:31 | 61.4 | GRNVLY19 | 3/18/2015 9:37 | 61 |
| GRNVL08R | 3/3/2015 10:33 | 58.3 | GRNVLY20 | 3/18/2015 9:44 | 60.2 |
| GRNVL10R | 3/3/2015 11:52 | 63.5 | GRNVLY21 | 3/18/2015 9:46 | 61.2 |
| GRNVL13R | 3/18/2015 9:29 | 60.4 | GRNVLY22 | 3/18/2015 9:49 | 62.6 |
| GRNVL18R | 3/18/2015 10:17 | 58.4 | GRNVLY23 | 3/18/2015 9:51 | 59.2 |
| GRNVL26R | 3/18/2015 9:12 | 59.8 | GRNVLY25 | 3/18/2015 11:35 | 60 |
| GRNVL38R | 3/3/2015 11:58 | 67.2 | GRNVLY28 | 3/18/2015 9:17 | 59.3 |
| GRNVL41R | 3/3/2015 9:21 | 64.1 | GRNVLY30 | 3/18/2015 9:22 | 59 |
| GRNVL47R | 3/3/2015 9:02 | 61.1 | GRNVLY31 | 3/18/2015 9:31 | 59.1 |
| GRNVL49R | 3/3/2015 9:04 | 62.2 | GRNVLY34 | 3/18/2015 9:35 | 59.8 |
| GRNVL52R | 3/18/2015 8:29 | 63.3 | GRNVLY35 | 3/3/2015 10:40 | 59.3 |
| GRNVL54R | 3/18/2015 8:26 | 66 | GRNVLY36 | 3/18/2015 10:02 | 58.8 |
| GRNVLHW3 | 3/3/2015 8:22 | 61.8 | GRNVLY37 | 3/18/2015 9:57 | 64.3 |
| GRNVLHW5 | 3/3/2015 8:09 | 62 | GRNVLY55 | 3/3/2015 9:23 | 62.7 |
| GRNVLHW6 | 3/18/2015 8:15 | 62.9 | GRNVLY56 | 3/18/2015 8:43 | 59.7 |
| GRNVLPW1 | 3/18/2015 7:55 | 61.5 | GRNVLY57 | 3/3/2015 8:59 | 60.5 |
| GRNVLPW2 | 3/3/2015 8:16 | 58.6 | GRNVLY58 | 3/18/2015 8:32 | 59.8 |
| GRNVLY01 | 3/18/2015 11:38 | 61.7 | GRNVLY62 | 3/18/2015 11:50 | 60.2 |

## Extraction Wells > 52% Methane

| Extraction Well ID | Date | Methane % | Extraction Well ID | Date | Methane % |
|---|---|---|---|---|---|
| GRNV17R2 | 3/18/2015 10:00 | 59.5 | GRNVLY01 | 3/18/2015 11:38 | 61.7 |
| GRNV27RR | 3/3/2015 12:02 | 61.8 | GRNVLY02 | 3/3/2015 12:13 | 62.5 |
| GRNV50R3 | 3/18/2015 8:02 | 58 | GRNVLY03 | 3/3/2015 9:31 | 61.9 |
| GRNV64R2 | 3/18/2015 7:34 | 58.9 | GRNVLY12 | 3/18/2015 9:19 | 58.7 |
| GRNV65R2 | 3/18/2015 7:31 | 61.4 | GRNVLY16 | 3/18/2015 9:54 | 61 |
| GRNVL08R | 3/3/2015 10:33 | 58.3 | GRNVLY19 | 3/18/2015 9:37 | 61 |
| GRNVL10R | 3/3/2015 11:52 | 63.5 | GRNVLY20 | 3/18/2015 9:44 | 60.2 |
| GRNVL13R | 3/18/2015 9:29 | 60.4 | GRNVLY21 | 3/18/2015 9:46 | 61.2 |
| GRNVL18R | 3/18/2015 10:17 | 58.4 | GRNVLY22 | 3/18/2015 9:49 | 62.6 |
| GRNVL26R | 3/18/2015 9:12 | 59.8 | GRNVLY23 | 3/18/2015 9:51 | 59.2 |
| GRNVL32R | 3/18/2015 10:20 | 55.7 | GRNVLY24 | 3/18/2015 9:09 | 52.8 |
| GRNVL38R | 3/3/2015 11:58 | 67.2 | GRNVLY25 | 3/18/2015 11:35 | 60 |
| GRNVL41R | 3/3/2015 9:21 | 64.1 | GRNVLY28 | 3/18/2015 9:17 | 59.3 |
| GRNVL43R | 3/18/2015 8:50 | 56.3 | GRNVLY29 | 3/3/2015 10:56 | 56.5 |
| GRNVL47R | 3/3/2015 9:02 | 61.1 | GRNVLY30 | 3/18/2015 9:22 | 59 |
| GRNVL49R | 3/3/2015 9:04 | 62.2 | GRNVLY31 | 3/18/2015 9:31 | 59.1 |
| GRNVL52R | 3/18/2015 8:29 | 63.3 | GRNVLY34 | 3/18/2015 9:35 | 59.8 |
| GRNVL54R | 3/18/2015 8:26 | 66 | GRNVLY35 | 3/3/2015 10:40 | 59.3 |
| GRNVL59R | 3/3/2015 8:35 | 57.6 | GRNVLY36 | 3/18/2015 10:02 | 58.8 |

Green Valley Landfill
Wellfield SOP Summary
March 2015

## Extraction Wells > 52% Methane

| Extraction Well ID | Date | Methane % | Extraction Well ID | Date | Methane % |
|---|---|---|---|---|---|
| GRNVLHW1 | 3/3/2015 9:46 | 54.2 | GRNVLY37 | 3/18/2015 9:57 | 64.3 |
| GRNVLHW3 | 3/3/2015 8:22 | 61.8 | GRNVLY55 | 3/3/2015 9:23 | 62.7 |
| GRNVLHW4 | 3/18/2015 7:44 | 56.7 | GRNVLY56 | 3/18/2015 8:43 | 59.7 |
| GRNVLHW5 | 3/3/2015 8:09 | 62 | GRNVLY57 | 3/3/2015 8:59 | 60.5 |
| GRNVLHW6 | 3/18/2015 8:15 | 62.9 | GRNVLY58 | 3/18/2015 8:32 | 59.8 |
| GRNVLHW8 | 3/18/2015 7:42 | 53.7 | GRNVLY62 | 3/18/2015 11:50 | 60.2 |
| GRNVLPW1 | 3/18/2015 7:55 | 61.5 | GRNVLY7R | 3/3/2015 10:37 | 54.2 |
| GRNVLPW2 | 3/3/2015 8:16 | 58.6 | | | |

## Extraction Wells < 48% Methane

| Extraction Well ID | Date | Methane % | Extraction Well ID | Date | Methane % |
|---|---|---|---|---|---|
| GRNV46R2 | 3/18/2015 8:47 | 11.3 | GRNVLHW6 | 3/3/2015 8:39 | 30.2 |
| GRNV65R2 | 3/3/2015 8:00 | 39.8 | GRNVLHW7 | 3/18/2015 7:50 | 43.9 |
| GRNVL44R | 3/3/2015 9:17 | 10.2 | GRNVLY30 | 3/3/2015 9:43 | 41.9 |
| GRNVL47R | 3/18/2015 8:38 | 46.3 | GRNVLY33 | 3/3/2015 10:44 | 31.9 |
| GRNVL60R | 3/18/2015 8:12 | 3.5 | GRNVLY61 | 3/18/2015 8:22 | 34 |
| GRNVL63R | 3/3/2015 8:06 | 14.2 | GRNVLY62 | 3/18/2015 8:20 | 39.2 |
| GRNVLHW1 | 3/18/2015 9:25 | 22.6 | | | |

## Extraction Wells < 5 scfm Flow

| Extraction Well ID | Date | Flow scfm | Extraction Well ID | Date | Flow scfm |
|---|---|---|---|---|---|
| GRNV46R2 | 3/18/2015 8:47 | 0 | GRNVLHW1 | 3/18/2015 9:26 | 0 |
| GRNVL43R | 3/18/2015 8:50 | 0 | GRNVLY12 | 3/18/2015 9:19 | 0 |
| GRNVL44R | 3/18/2015 8:53 | 0 | GRNVLY24 | 3/18/2015 9:09 | 0 |
| GRNVL47R | 3/18/2015 8:38 | 0 | GRNVLY61 | 3/18/2015 8:23 | 0 |
| GRNVL60R | 3/18/2015 11:47 | 0 | GRNVLY7R | 3/18/2015 10:08 | 0 |

## Extraction Wells Oxygen > 1%

| Extraction Well ID | Date | Oxygen % | Extraction Well ID | Date | Oxygen % |
|---|---|---|---|---|---|
| GRNV46R2 | 3/18/2015 8:47 | 11.7 | GRNVLHW5 | 3/18/2015 7:40 | 3.1 |
| GRNVL44R | 3/18/2015 8:53 | 9.8 | GRNVLHW7 | 3/18/2015 7:50 | 4.8 |
| GRNVL47R | 3/18/2015 8:38 | 4.8 | GRNVLHW8 | 3/18/2015 7:42 | 1.2 |
| GRNVL59R | 3/18/2015 8:05 | 1 | GRNVLY12 | 3/18/2015 9:19 | 1 |
| GRNVL63R | 3/18/2015 7:37 | 15.4 | GRNVLY24 | 3/18/2015 9:09 | 1.3 |
| GRNVLHW1 | 3/18/2015 9:26 | 12.1 | GRNVLY35 | 3/18/2015 10:11 | 1.1 |
| GRNVLHW3 | 3/18/2015 7:53 | 2.5 | GRNVLY61 | 3/18/2015 8:23 | 11 |
| GRNVLHW4 | 3/18/2015 7:44 | 1.9 | | | |

## Extraction Wells Temperature > 120°F

| Extraction Well ID | Date | Temperature degF | Extraction Well ID | Date | Temperature degF |
|---|---|---|---|---|---|
| GRNVL10R | 3/18/2015 11:28 | 124.4 | GRNVLY36 | 3/18/2015 10:02 | 123.6 |
| GRNVL32R | 3/18/2015 10:20 | 124.3 | | | |

# ATTACHMENT F

**SSM Reports**
**(NONE)**

# 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 | | | | | | | | | |
| DL-8 | Removed | Removed | Removed | Removed | | | | | | | | | |
| CK-1 | 587085 | 597136 | 607640 | 616958 | | | | | | | | | |
| CK-2 | 267063 | 271873 | 275462 | 279617 | | | | | | | | | |
| CK-3 | 134655 | 156625 | 177239 | 191461 | | | | | | | | | |
| CK-4 | 112614 | 117128 | 117185 | 123617 | | | | | | | | | |
| CK-H | 72953 | 190722 | 235250 | 400956 | | | | | | | | | |
| Toe Drain | 574542 | 600997 | 601004 | 734031 | | | | | | | | | |
| GRNVLPW1 | 13506 | 13510 | [illegible] | 27886 | | | | | | | | | |
| [illegible] | 20067 | 20067 | [illegible] | 23313 | | | | | | | | | |
| RS1 | [illegible] | 341 | 341 | 1082 | | | | | | | | | |
| RS2 | [illegible] | 1557 | 1557 | 1557 | | | | | | | | | |
| GRNVLY04 | 295052 | DECOM | DECOM | DECOM | | | | | | | | | |
| GRNVLY7R | 193730 | 213038 | 224133 | 296710 | | | | | | | | | |
| GRNVL08R | 70471 | 71211 | 71737 | 73640 | | | | | | | | | |
| GRNVL10R | 608 | 608 | 608 | 809 | | | | | | | | | |
| GRNVL13R | 153277 | 155525 | 157755 | 161294 | | | | | | | | | |
| GRNVL18R | [illegible] | 295 | 295 | 295 | | | | | | | | | |
| GRNVLY21 | [illegible] | 70 | 70 | 96 | | | | | | | | | |
| GRNVLY23 | 204 | 204 | 204 | 204 | | | | | | | | | |
| GRNVLY25 | 201803 | 204096 | 205063 | 213931 | | | | | | | | | |
| GRNVL26R | 156954 | 156954 | 156954 | 156954 | | | | | | | | | |
| [illegible] | Removed | Removed | Removed | Removed | | | | | | | | | |
| GRNVLY28 | 85378 | 89133 | 91130 | 105270 | | | | | | | | | |
| GRNVLY29 | 120186 | 120186 | 120186 | 120186 | | | | | | | | | |
| [illegible] | 844703 | 845294 | 845294 | 845294 | | | | | | | | | |
| GRNVLY35 | 19652 | 19652 | 19652 | 19654 | | | | | | | | | |
| [illegible] | Removed | Removed | Removed | Removed | | | | | | | | | |
| GRNVL41R | 98744 | 98756 | 98773 | 98796 | | | | | | | | | |
| GRNVL43R | Removed | Removed | Removed | Removed | | | | | | | | | |
| GRNVL44R | Removed | Removed | Removed | Removed | | | | | | | | | |
| GRNVL47R | Removed | Removed | Removed | Removed | | | | | | | | | |
| GRNVL49R | [illegible] | 9296 | 9793 | [illegible] | | | | | | | | | |
| [illegible] | Removed | Removed | Removed | Removed | | | | | | | | | |
| GRNVL54R | [illegible] | 495387 | 497012 | [illegible] | | | | | | | | | |
| GRNVLY55 | 2053 | 2179 | 7651 | 7663 | | | | | | | | | |
| GRNVLY56 | 59805 | 60609 | 62086 | [illegible] | | | | | | | | | |
| GRNVLY57 | 11721 | 12209 | 12424 | 13518 | | | | | | | | | |
| GRNVLY58 | 303 | 303 | [illegible] | 2172 | | | | | | | | | |
| GRNVL59R | 116803 | 120409 | [illegible] | 122299 | | | | | | | | | |
| GRNVL60R | [illegible] | 241 | [illegible] | 251 | | | | | | | | | |
| GRNVLY61 | 873206 | 873205 | [illegible] | 885153 | | | | | | | | | |
| GRNVLY62 | 45950 | 46121 | [illegible] | 46131 | | | | | | | | | |
| GRNVL63R | NA | NA | NA | NA | | | | | | | | | |
| GRNV64R2 | 816335 | 13323 | [illegible] | 300866 | | | | | | | | | |

# ATTACHMENT H

## Cover Integrity Inspection

Monthly Cover Integrity Inspection
Surface Monitoring Design Plan

LANDFILL: Green Valley - 2015

| Month | Cover integrity problems found during the inspection | Date Site Notified<br>MSC/Republic Initials | Date Repairs Made<br>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<br>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<br>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<br>ZA | | |
| April 2015 | | | | |
| May 2015 | | | | |
| June 2015 | | | | |
| July 2015 | | | | |
| 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:** 59R

## Site Information

| | |
|---|---|
| Technician | Glen Tackett |
| Date | 2/26/15 |
| Site | Green Valley |
| Pump Type | AP4+ |
| Pump ID | 4 3357 |
| Well Diameter | 6in |
| Well Construction | HDPE |
| Depth to Liquid (ft) | 60 |
| Well Depth (ft) | 79 |
| Drill tag Depth (ft) | n/a |
| Pump Set Depth (ft) | 72 |
| Pump Operational | yes |

## Equipment Inspection

| Equipment/Materials | OK | Needs Service | | Comments |
|---|---|---|---|---|
| Counter | X | | Count: | 121569 |
| Wellhead with compression fittings | X | | | |
| Hoses | X | | | |
| Hose Barbs | X | | | |
| Clamps | X | | | |
| Quick Connect Fittings | X | | | |
| Regulator | X | | Setpoint (psi): | 105 |
| Regulator Particulat Filter | X | | | |
| Condensation Trap | X | | | |
| FM Pressure | X | | PSI | 120+ |
| | | | | |

## 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

Replaced the exhaust Pin, repaired the counter.

## Parts Required for Repair/Replacement

# Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

**Installation Point:** 58

## Site Information

| | |
|---|---|
| Technician | Glen Tackett |
| Date | 2/26/15 |
| Site | Green Valley |
| Pump Type | AP4+ |
| Pump ID | 4 9633 |
| Well Diameter | 6in |
| Well Construction | HDPE |
| Depth to Liquid (ft) | 19 |
| Well Depth (ft) | 53 |
| Drill log Depth (ft) | n/a |
| Pump Set Depth (ft) | 47 |
| Pump Operational | yes |

## Equipment Inspection

| Equipment/Materials | OK | Needs Service | | Comments |
|---|---|---|---|---|
| Counter | X | | Count: | 306 |
| 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 | | | |
| Condensataion Trap | X | | | |
| FM Pressure | X | | PSI | 120+ |
| | | | | |

## 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

Replaced pump with a clean working one.

## Parts Required for Repair/Replacement

# Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

**Installation Point:** 64R2

## Site Information

| | |
|---|---|
| Technician | Glen Tackett |
| Date | 2/26/15 |
| Site | Green Valley |
| Pump Type | AP4+ |
| Pump ID | 4 3316 |
| Well Diameter | 6in |
| Well Construction | HDPE |
| Depth to Liquid (ft) | 36 |
| Well Depth (ft) | 56 |
| 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: | 299791 |
| 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 | | | |
| Condensataion Trap | X | | | |
| PM Pressure | X | | PSI | 120+ |
| | | | | |

## 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

Replaced pump with a clean working one.

## Parts Required for Repair/Replacement

# Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

**Installation Point:** 61

## Site Information

| | |
|---|---|
| Technician | Glen Tackett |
| Date | 2/26/15 |
| Site | Green Valley |
| Pump Type | AP4+ |
| Pump ID | 4 3417 |
| Well Diameter | 6in |
| Well Construction | HDPE |
| Depth to Liquid (ft) | 29.6 |
| Well Depth (ft) | 57.6 |
| Drill log Depth (ft) | n/a |
| Pump Set Depth (ft) | 56 |
| Pump Operational | yes |

## Equipment Inspection

| Equipment/Materials | OK | Needs Service | Comments | |
|---|---|---|---|---|
| Counter | X | | Count: | 873210 |
| 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 | | | |
| FM Pressure | X | | PSI | 120+ |
| | | | | |

## 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

Replaced pump with a clean working one.

## Parts Required for Repair/Replacement

# Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

**Installation Point:** 62

## Site Information

| | |
|---|---|
| Technician | Glen Tackett |
| Date | 2/26/15 |
| Site | Green Valley |
| Pump Type | AP4+ |
| Pump ID | n/a |
| Well Diameter | 6in |
| Well Construction | HDPE |
| Depth to Liquid (ft) | n/a |
| Well Depth (ft) | n/a |
| Drill log Depth (ft) | n/a |
| Pump Set Depth (ft) | n/a |
| Pump Operational | no |

## Equipment Inspection

| Equipment/Materials | OK | Needs Service | Comments | |
|---|---|---|---|---|
| Counter | X | | Count: | 29979 |
| Wellhead with compression fittings | X | | | |
| Hoses | X | | | |
| Hose Barbs | X | | | |
| Clamps | X | | | |
| Quick Connect Fittings | X | | | |
| Regulator | X | | Setpoint (psi): | 80 |
| Regulator Particulate Filter | X | | | |
| Condensation Trap | X | | | |
| FM Pressure | X | | PSI | 120+ |
| | | | | |

## 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

Pump is stuck can't even get a liquid level. Removed the counter and regulator.

## Parts Required for Repair/Replacement

# Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

**Installation Point:** LPW-2

## Site Information

| | |
|---|---|
| Technician | Glen Tackett |
| Date | 2/26/15 |
| Site | Green Valley |
| Pump Type | AP4+ |
| Pump ID | 4 3318 |
| Well Diameter | 6in |
| Well Construction | HDPE |
| Depth to Liquid (ft) | 29.6 |
| Well Depth (ft) | 44.2 |
| Drill log Depth (ft) | n/a |
| Pump Set Depth (ft) | 41.5 |
| Pump Operational | yes |

## Equipment Inspection

| Equipment/Materials | OK | Needs Service | Comments | |
|---|---|---|---|---|
| Counter | X | | Count: | 20074 |
| 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 | | | |
| Condensataion Trap | X | | | |
| FM Pressure | X | | PSI | 120+ |
| | | | | |

## 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

Replaced pump with a clean working one.

## Parts Required for Repair/Replacement

# Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

**Installation Point:** LPW-1

## Site Information

| | |
|---|---|
| Technician | Glen Tackett |
| Date | 2/26/15 |
| Site | Green Valley |
| Pump Type | AP4+ |
| Pump ID | 4 3359 |
| Well Diameter | 6in |
| Well Construction | HDPE |
| Depth to Liquid (ft) | 33.8 |
| Well Depth (ft) | 34.8 |
| Drill log Depth (ft) | n/a |
| Pump Set Depth (ft) | 29 |
| Pump Operational | yes |

## Equipment Inspection

| Equipment/Materials | OK | Needs Service | Comments | |
|---|---|---|---|---|
| Counter | X | | Count: | 13510 |
| 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 | | | |
| Condensetaion Trap | X | | | |
| FM Pressure | X | | PSI | 120+ |
| | | | | |

## 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

Replaced pump with a clean working one. May be able to remove and install in another well. Liquid is below pump.

## Parts Required for Repair/Replacement

# Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

**Installation Point:** 60R

## Site Information

| | |
|---|---|
| Technician | Glen Tackett |
| Date | 2/26/15 |
| Site | Green Valley |
| Pump Type | AP4+ |
| Pump ID | 4 3317 |
| Well Diameter | 6in |
| Well Construction | HDPE |
| Depth to Liquid (ft) | 64 |
| Well Depth (ft) | 82 |
| Drill log Depth (ft) | n/a |
| Pump Set Depth (ft) | 80 |
| Pump Operational | yes |

## Equipment Inspection

| Equipment/Materials | OK | Needs Service | | Comments |
|---|---|---|---|---|
| Counter | X | | Count: | 241 |
| Wellhead with compression fittings | X | | | |
| Hoses | X | | | |
| Hose Barbs | X | | | |
| Clamps | X | | | |
| Quick Connect Fittings | X | | | |
| Regulator | X | | Setpoint (psi): | 80 |
| Regulator Paniculet Filter | X | | | |
| Condensation Trap | X | | | |
| FM Pressure | X | | PSI | 120+ |
| | | | | |

## 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

Replaced pump with a clean working one.

## Parts Required for Repair/Replacement

# Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

**Installation Point:** EW56

## Site Information

| | |
|---|---|
| Technician | Doug Owens |
| Date | 3/24/2015 |
| Site | Green Valley |
| Pump Type | AP4+ |
| Pump ID | 4-3362 |
| Tri-Tubing Diameter | 1 in OD |
| Well Diameter | 6" |
| Well Construction | HDPE |
| Depth to Liquid (ft) | N/A |
| Well Depth (ft) | N/A |
| Drill log Depth (ft) | N/A |
| Pump Set Depth (ft) | 46.9 |
| Pump Operational | Yes |

## Equipment Inspection

| Equipment/Materials | OK | Needs Service | Comments | |
|---|---|---|---|---|
| Counter | X | | Count: | 64037 |
| Wellhead with compression fittings | X | | | |
| Hoses | X | | | |
| Hose Barbs | X | | | |
| Clamps | X | | | |
| Quick Connect Fittings | X | | | |
| Regulator | X | | Setpoint (psi): | 80 |
| Regulator Periculat Filter | X | | | |
| Condensation Trap | X | | | |
| Air Line PSI | X | | PSI | 70 |
| FM Pressure | X | | PSI | 0 |

## 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:

I pulled the pump, cleaned and reinstalled it.

Parts Required for Repair/Replacement

# Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

**Installation Point:** 49R

## Site Information

| | |
|---|---|
| Technician | Doug Owens |
| Date | 3/24/2015 |
| Site | Green Valley |
| Pump Type | AP4+ |
| Pump ID | 4-3358 |
| Tri-Tubing Diameter | 1 in OD |
| Well Diameter | 6" |
| Well Construction | HDPE |
| Depth to Liquid (ft) | 25 |
| Well Depth (ft) | 66.1 |
| Drill log Depth (ft) | N/A |
| Pump Set Depth (ft) | 63.4 |
| Pump Operational | Yes |

## Equipment Inspection

| Equipment/Materials | OK | Needs Service | Comments | |
|---|---|---|---|---|
| Counter | X | | Count: | 11433 |
| Wellhead with compression fittings | X | | | |
| Hoses | X | | | |
| Hose Barbs | X | | | |
| Clamps | X | | | |
| Quick Connect Fittings | X | | | |
| Regulator | X | | Setpoint (psi): | 80 |
| Regulator Particulate Filter | X | | | |
| Condensation Trap | X | | | |
| Air Line PSI | X | | PSI | 85 |
| FM Pressure | X | | PSI | 0 |

## 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 build up | 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:

The top ring of the Float was broke loose, I replaced the float. I pulled the pump, cleaned and reinstalled it.

Parts Required for Repair/Replacement

# Pneumatic Pump Maintenance Form

Monitoring Control and Compliance, Inc.

**Installation Point:** EW54R

## Site Information

| | |
|---|---|
| Technician | Doug Owens |
| Date | 3/24/2015 |
| Site | Green Valley |
| Pump Type | AP4+ |
| Pump ID | 4-9557 |
| Tri-Tubing Diameter | 1 in OD |
| Well Diameter | 6" |
| Well Construction | HDPE |
| Depth to Liquid (ft) | 16 |
| Well Depth (ft) | 66.6 |
| Drill log Depth (ft) | N/A |
| Pump Set Depth (ft) | 62.6 |
| Pump Operational | Yes |

## Equipment Inspection

| Equipment/Materials | OK | Needs Service | Comments | |
|---|---|---|---|---|
| Counter | | X | Count: | 510376 |
| 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 | 105 |
| FM Pressure | X | | PSI | 0 |

## 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:

I pulled the pump, cleaned and reinstalled it. Pump counters not counting.

Parts Required for Repair/Replacement

Green Valley Landfill
Over 58% Methane Table
March 2015

| Well ID | 1/8/15 | 1/22/15 | 2/3/15 | 2/17/15 | 3/3/15 | 3/18/15 | Field Comment | Suggested fix |
|---|---|---|---|---|---|---|---|---|
| GRNV17R2 | | 59.6 | | | | 59.5 | | |
| GRNV27RR | | | | | 61.8 | | | Additonal Tuning |
| GRNV50R3 | | | | | | 58 | | |
| GRNV64R2 | | 59.4 | | | | 58.9 | needs pump maintenence | Pump maintnence |
| GRNV65R2 | 59.5 | | 60.5 | | | 61.4 | Previously out of compliance for O2 | Additonal Tuning |
| GRNVL08R | | | | | 58.3 | | | Additonal Tuning |
| GRNVL10R | | | | | 63.5 | | | Additonal Tuning |
| GRNVL13R | | 58 | 61.8 | 61.1 | | 60.4 | | |
| GRNVL18R | | | | | | 58.4 | | |
| GRNVL26R | | | | | | 58.4 | | |
| GRNVL38R | | | | | 67.2 | | | Additonal Tuning |
| GRNVL41R | | | 61.7 | | 64.1 | 62.1 | Max applied | Pump maintnence |
| GRNVL47R | | | | | 61.1 | | | |
| GRNVL49R | 62.2 | | 58.4 | | 62.2 | 61.1 | FM Restricted | Jetting or Jumper Line |
| GRNVL52R | | | 58.2 | | 62.3 | 63.3 | Max applied | Pump stuck in well |
| GRNVL54R | | | | | 63.9 | 66 | | Additonal Tuning |
| GRNVL60R | | 61.2 | | | | | | Additonal Tuning |
| GRNVLHW1 | | | 64.1 | | | | | Additonal Tuning |
| GRNVLHW3 | | | | | 61.8 | | | Additonal Tuning |
| GRNVLHW5 | 63.2 | | | | 62 | | | Additonal Tuning |
| GRNVLHW6 | | 59 | 59.4 | | | 62.9 | | Additonal Tuning |
| GRNVLHW7 | | | 60.2 | | | | | Additonal Tuning |
| GRNVLHW8 | | | 59.9 | | | | | Additonal Tuning |
| GRNVLPW1 | | | | | 61 | 61.5 | | Additonal Tuning |
| GRNVLPW2 | | | 59.5 | | 58.6 | | Max applied | Pump stuck in well |
| GRNVLY01 | | | | | 60.1 | 61.7 | | Additonal Tuning |
| GRNVLY02 | | | | | 62.5 | 61.3 | | Additonal Tuning |
| GRNVLY03 | 59.6 | 60.7 | | | 61.9 | 61.8 | Max applied | |
| GRNVLY12 | | | 58.7 | | | 58.7 | Max applied | |
| GRNVLY16 | | 62.1 | | | | 61 | Max applied | |
| GRNVLY19 | | | | | | 61 | | |
| GRNVLY20 | | | | | | 60.2 | | |
| GRNVLY21 | | | | | | 61.2 | | |
| GRNVLY22 | | 62.1 | | | | 62.6 | Max applied | Additonal Tuning |
| GRNVLY23 | | | | | 58.7 | 59.2 | Max applied | |
| GRNVLY25 | | | | | | 60 | | |
| GRNVLY28 | | | | | | 59.3 | | |
| GRNVLY30 | | | 61.6 | | | 59 | | Additonal Tuning |
| GRNVLY31 | | | | | | 59.1 | | |
| 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 | Force main restricted | Jetting or Jumper Line |
| GRNVLY56 | | | | | 58 | 59.7 | Max applied | |
| GRNVLY57 | | | | | 60.5 | 59.9 | Max applied | |
| GRNVLY58 | | | | | 59.5 | 59.8 | | Additonal Tuning |
| GRNVLY62 | | | | | | 60.2 | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| **Total wells 58%** | 5 | 8 | 12 | 1 | 23 | 35 |
| **Monitoring points** | 63 | 63 | 63 | 63 | 63 | 63 |
| **Percentage** | 7.94% | 12.70% | 19.05% | 1.59% | 36.51% | 55.56% |

| | January | February | March |
|---|---|---|---|
| **Month Total** | 12 | 12 | 44 |
| | 19.05% | 19.05% | 69.84% |

**LFG Extraction Well Liquid Levels**

**Site Name: Green Valley**

**FEBRUARY 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| GRNV50R3 | GRNV50R3 | 2/26/15 | | | 19 | 53 | Y | | 306 | Replaced pump with a clean working one. |
| GRNVL52R | GRNVL52R | 2/26/15 | | | 60 | 79 | Y | | 121569 | Replaced the exhaust pin. Repaired the counter. |
| GRNVLY55 | GRNVLY55 | 2/26/15 | | | 64 | 82 | Y | | 241 | Replaced pump with a clean working one. |
| GRNVLY56 | GRNVLY56 | 2/26/15 | | | 29.6 | 57.6 | Y | | 873210 | Replaced pump with a clean working one. |
| GRNVLY57 | GRNVLY57 | 2/26/15 | | | | | | | 29979 | Pump is stuck. Can't get a liquid level. Removed the counter and regulator. |
| GRNVL59R | GRNVL59R | 2/26/15 | | | 36 | 56 | Y | | 299791 | Replaced pump with a clean working one. |
| GRNVLPW1 | GRNVLPW1 | 2/26/15 | | | 33.8 | 34.8 | Y | | 13510 | Replaced pump with a clean working one. May be able to remove and install in another well. Liquid is below pump. |
| GRNVLPW2 | GRNVLPW2 | 2/26/15 | | | 29.6 | 44.2 | Y | | 20074 | Replaced pump with a clean working one. |

**LFG Extraction Well Liquid Levels**
**Site Name: Green Valley**

**MARCH 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 | 3/31/15 | | 4.5 | 70.1 | 74.5 | | | 296710 | |
| GRNVL08R | GRNVL08R | 3/31/15 | | 4 | 58 | 62.5 | | | 73640 | |
| GRNVL10R | GRNVL10R | 3/31/15 | | 6.5 | 83.6 | 91.4 | | | 809 | |
| GRNVLY12 | GRNVLY12 | 3/31/15 | | 3.5 | | 5.4 | | | | Sounder hangs at 5.4'. |
| GRNVL13R | GRNVL13R | 3/31/15 | | 3.5 | 50.6 | 53 | | | 161294 | |
| GRNVLY16 | GRNVLY16 | 3/31/15 | | 5 | 65.4 | 74.1 | | | | |
| GRNV17R2 | GRNV17R2 | 3/31/15 | | 3.5 | 40.7 | 41.4 | | | | |
| GRNVL18R | GRNVL18R | 3/31/15 | | 5.5 | 41.6 | 43.4 | | | 295 | |
| GRNVLY19 | GRNVLY19 | 3/31/15 | | 5.5 | 42.1 | 48 | | | | |
| GRNVLY20 | GRNVLY20 | 3/31/15 | | 4.5 | 55.7 | 59 | | | | |
| GRNVLY21 | GRNVLY21 | 3/31/15 | | 4 | 63.8 | 74 | | | 96 | |
| GRNVLY22 | GRNVLY22 | 3/31/15 | | 4 | 57.2 | 66 | | | | |
| GRNVLY23 | GRNVLY23 | 3/31/15 | | 4 | 52.4 | 59.8 | | | 204 | |
| GRNVLY24 | GRNVLY24 | 3/31/15 | | 4.5 | 55.6 | 58 | | | | |
| GRNVLY25 | GRNVLY25 | 3/31/15 | | 6.5 | 83.4 | 85.8 | | | 213931 | |
| GRNVL26R | GRNVL26R | 3/31/15 | | 3.5 | 41.8 | 44.4 | | | 156954 | |
| GRNV27RR | GRNV27RR | 3/31/15 | | 5.5 | 72.1 | 83.6 | | | | |
| GRNVLY28 | GRNVLY28 | 3/31/15 | | 6 | 61.2 | 65 | | | 105270 | |
| GRNVLY29 | GRNVLY29 | 3/31/15 | | 5.5 | 69 | 74.6 | | | 120186 | |
| GRNVLY30 | GRNVLY30 | 3/31/15 | | 4 | 49.9 | 62.5 | | | | |
| GRNVLY31 | GRNVLY31 | 3/31/15 | | 4.5 | 56.6 | 67 | | | | |
| GRNVL32R | GRNVL32R | 3/31/15 | | 5.5 | 78.1 | 82 | | | 845294 | |
| GRNVLY33 | GRNVLY33 | 3/31/15 | | 5 | | 40.7 | | | | Dry |
| GRNVLY34 | GRNVLY34 | 3/31/15 | | 4.5 | 49.8 | 55.7 | | | | |
| GRNVLY35 | GRNVLY35 | 3/31/15 | | 5 | 74.8 | 88.6 | | | 19654 | |
| GRNVLY36 | GRNVLY36 | 3/31/15 | | 4.5 | 55.4 | 56.3 | | | | |
| GRNVLY37 | GRNVLY37 | 3/31/15 | | 4.5 | 45.3 | 48 | | | | |
| GRNVL38R | GRNVL38R | 3/31/15 | | 4 | 81.8 | 84 | | | | |
| GRNVL41R | GRNVL41R | 3/31/15 | | 5.5 | 34.2 | 55 | | | 98796 | |
| GRNVL43R | GRNVL43R | 3/31/15 | | 5.5 | | | | | | Well leaning; unable to obtain accurate liquid levels. |
| GRNVL44R | GRNVL44R | 3/31/15 | | 3.5 | | 26.2 | | | | Pinched. |
| GRNV46R2 | GRNV46R2 | 3/31/15 | | 4 | | 5.7 | | | | Sounder hangs at 5.7'. |
| GRNVL49R | GRNVL49R | 3/31/15 | | 4.5 | 37 | 61.1 | | | 13623 | |
| GRNV50R3 | GRNV50R3 | 3/31/15 | | 5 | 42.2 | 51.3 | | | | |
| GRNVL52R | GRNVL52R | 3/31/15 | | 4 | 47.4 | 89.9 | | | | |
| GRNVLY55 | GRNVLY55 | 3/31/15 | | 5.5 | 50.8 | 56.7 | | | 7663 | |
| GRNVLY56 | GRNVLY56 | 3/31/15 | | 3 | 32.1 | 52 | | | 64382 | |
| GRNVLY57 | GRNVLY57 | 3/31/15 | | 5.5 | 45 | 47.7 | | | 13518 | |
| GRNVLY58 | GRNVLY58 | 3/31/15 | | 4 | 45.2 | 50.2 | | | 2172 | |
| GRNVL59R | GRNVL59R | 3/31/15 | | 3.5 | 45.1 | 69 | | | 122299 | |
| GRNVL60R | GRNVL60R | 3/31/15 | | 4 | 43.5 | 82.2 | | | 251 | |
| GRNVLY61 | GRNVLY61 | 3/31/15 | | 4.5 | 23.8 | 46.5 | | | 885153 | |
| GRNVLY62 | GRNVLY62 | 3/31/15 | | 4.5 | 22.1 | 53.2 | | | 46131 | |
| GRNV64R2 | GRNV64R2 | 3/31/15 | | 4.5 | 32.1 | 64.8 | | | 300866 | |
| GRNV65R2 | GRNV65R2 | 3/31/15 | | 5.5 | | | | | | Well leaning; unable to obtain accurate liquid levels. |
| GRNVL54R | GRNVL54R | 3/31/15 | | 3 | 36.6 | 62.3 | | | 510382 | |
| GRNVLY03 | GRNVLY03 | 3/31/15 | | 5 | 55.3 | 58 | | | | |
| GRNVLY01 | GRNVLY01 | 3/31/15 | | 2.5 | 38.7 | 39.8 | | | | |
| GRNVLY02 | GRNVLY02 | 3/31/15 | | 4 | 49.2 | 51 | | | | |
| GRNVLPW1 | GRNVLPW1 | 3/31/15 | | 4.5 | 22.8 | 35.3 | | | 27886 | |
| GRNVLPW2 | GRNVLPW2 | 3/31/15 | | 4 | 31.4 | 44.1 | | | 23313 | |

# Calibration Precision Record

Monitoring Control and Compliance, Inc.

Landfill Name: **Green Valley 1st Quarter 2015**

Monitoring Date: Monday, March 09, 2015 Performed By: Zachary Ankney

Time: 11:00:00 Expiration Date: 6/9/2015

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: 497.6 ppm (2)

Measurement #2:

Meter Reading for zero air 0.0 ppm (3)

Meter Reading for Calibration Gas: 498.1 ppm (4)

Measurement #3:

Meter Reading for zero air 0.0 ppm (5)

Meter Reading for Calibration Gas 497.4 ppm (6)

Calculate Precision:

= **0.46** % (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 1st Quarter 2015**

Monitoring Date: Monday, March 09, 2015 Time: 11:00:00

Instrument Make/Model: Photovac Micro FiD Serial Number CZUD313

Measurement #1

Stabilized Reading using calibation gas 497.6 ppm

90% of the stabilized reading = 447.84 ppm

Time to reach 90% of stabilized reading after switching from zero air to calibration gas. 12 seconds (1)

Measurement #2

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. 11 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 = 11.67 seconds (must be less than 30 seconds)

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

Performed By: Zachary Ankney Date: 3/9/15

# Calibration Procedure and Background Report

Landfill Name: **Green Valley 1st Quarter 2015**

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 = 500.8 ppm
3. Adjust meter settings to read 500 ppm

Backround Determination Procedure

1. Upwind background reading (highest in 30 seconds) 0.3 ppm (1)
2. Downwind reading (highest in 30 seconds) 0.7 ppm (2)

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

Background = 0.5 ppm

Performed By: Zachary Ankney

Date: 03/09/15 Time: 11:00:00

# Quarterly Surface Monitoring Log Sheet

Landfill Name: **Green Valley 1st Quarter 2015**

Performed By: Zachary Ankney

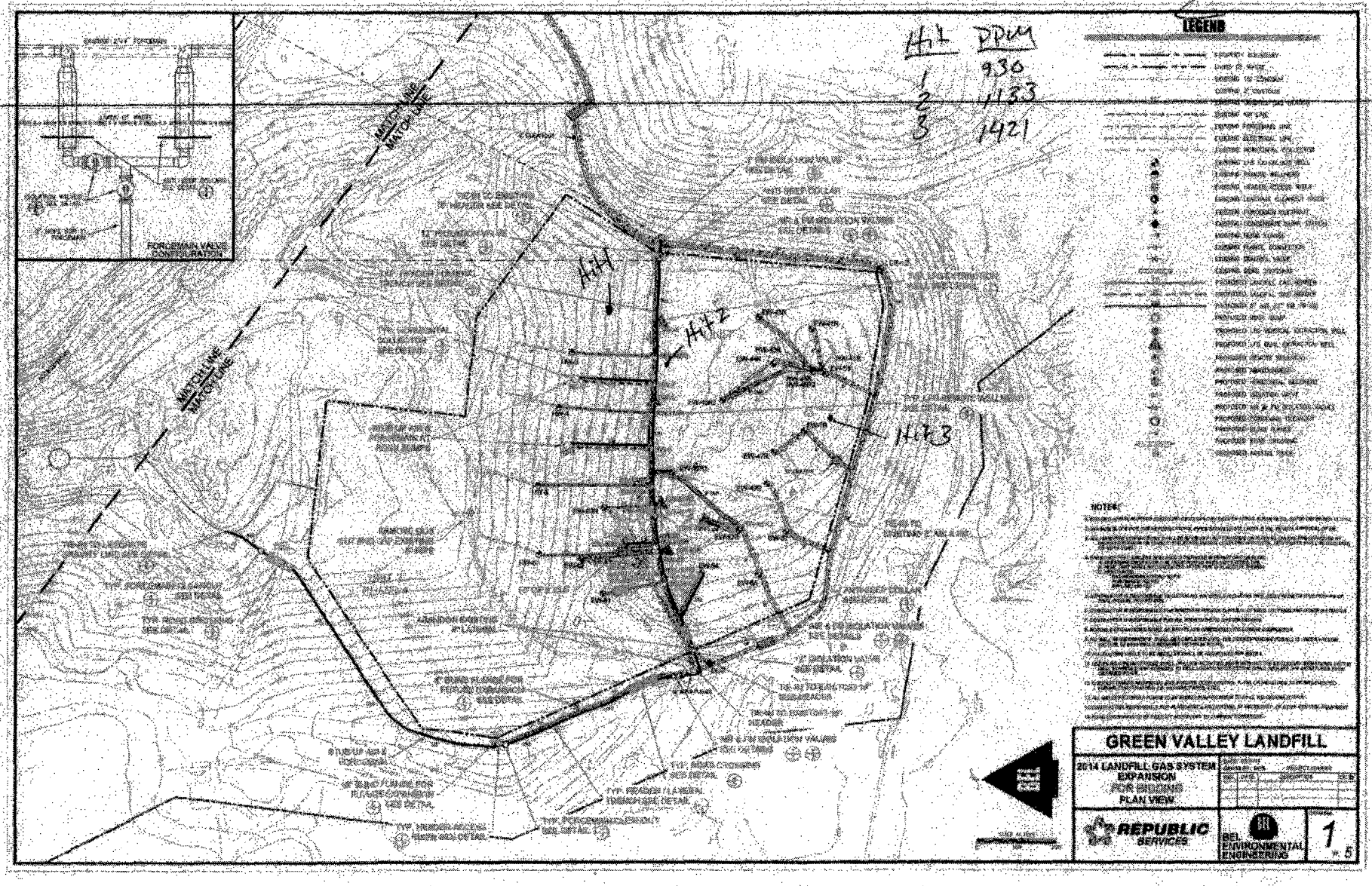
Date: Monday, March 09, 2015

Start Time: 11:00:00

| Exceedance Identifier | Location and Time | Concentration of Exceedance (ppm) |
|---|---|---|
| Hit 1 | 200' N of PW-1 @ 12:01 | 930 |
| Hit 2 | 25' SW of HW3 @ 12:10 | 1133 |
| Hit 3 | 75' S of EW56 @ 12:48 | 1421 |

| WEATHER CONDITIONS: | |
|---|---|
| Temperature: | 59 ° F |
| Barametric Pressure: | 30.2 In. |
| Wind Speed/Direction: | WSW @ 8 MPH |
| Conditions: | Clear |

Green Valley 1st Quarter Initial 3/9/15



# Calibration Precision Record

Monitoring Control and Compliance, Inc.

Landfill Name: **Green Valley (1st Quarter 2015 10 Day Rechecks)**

Monitoring Date: Wednesday, March 18, 2015 Performed By: Zachary Ankney

Time: 13:15:00 Expiration Date: 6/18/2015

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: 500.6 ppm (2)

Measurement #2:

Meter Reading for zero air 0.0 ppm (3)

Meter Reading for Calibration Gas: 501.7 ppm (4)

Measurement #3:

Meter Reading for zero air 0.0 ppm (5)

Meter Reading for Calibration Gas 502.3 ppm (6)

Calculate Precision:

= **-0.31** % (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 (1st Quarter 2015 10 Day Rechecks)**

Monitoring Date: Wednesday, March 18, 2015 Time: 13:15:00

Instrument Make/Model: Photovac Micro FiD Serial Number CZUD313

Measurement #1

| | | |
|---|---|---|
| Stabilized Reading using calibation gas | 500.6 | ppm |
| 90% of the stabilized reading = | 450.54 | ppm |
| Time to reach 90% of stabilized reading after switching from zero air to calibration gas. | 12 | seconds (1) |

Measurement #2

| | | |
|---|---|---|
| Stabilized reading using calibration gas | 501.7 | ppm |
| 90% of the stabilized reading = | 451.53 | 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 | 502.3 | ppm |
| 90% of the stabilized reading = | 452.07 | ppm |
| Time to reach 90% of stabilized reading after switching from zero air to calibration gas. | 11 | seconds (3) |

Calculate Response Time = 11.67 seconds (must be less than 30 seconds)

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

Performed By: Zachary Ankney Date: 3/18/15

# Calibration Procedure and Background Report

Landfill Name: **Green Valley (1st Quarter 2015 10 Day Rechecks)**

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 = 502.6 ppm
3. Adjust meter settings to read 500 ppm

Backround Determination Procedure

1. Upwind background reading (highest in 30 seconds) 3.8 ppm (1)
2. Downwind reading (highest in 30 seconds) 4.5 ppm (2)

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

Background = 4.15 ppm

Performed By: Zachary Ankney

Date: 03/18/15 Time: 13:15:00

# Quarterly Surface Monitoring Log Sheet

Landfill Name: **Green Valley (1st Quarter 2015 10 Day Rechecks)**

Performed By: Zachary Ankney

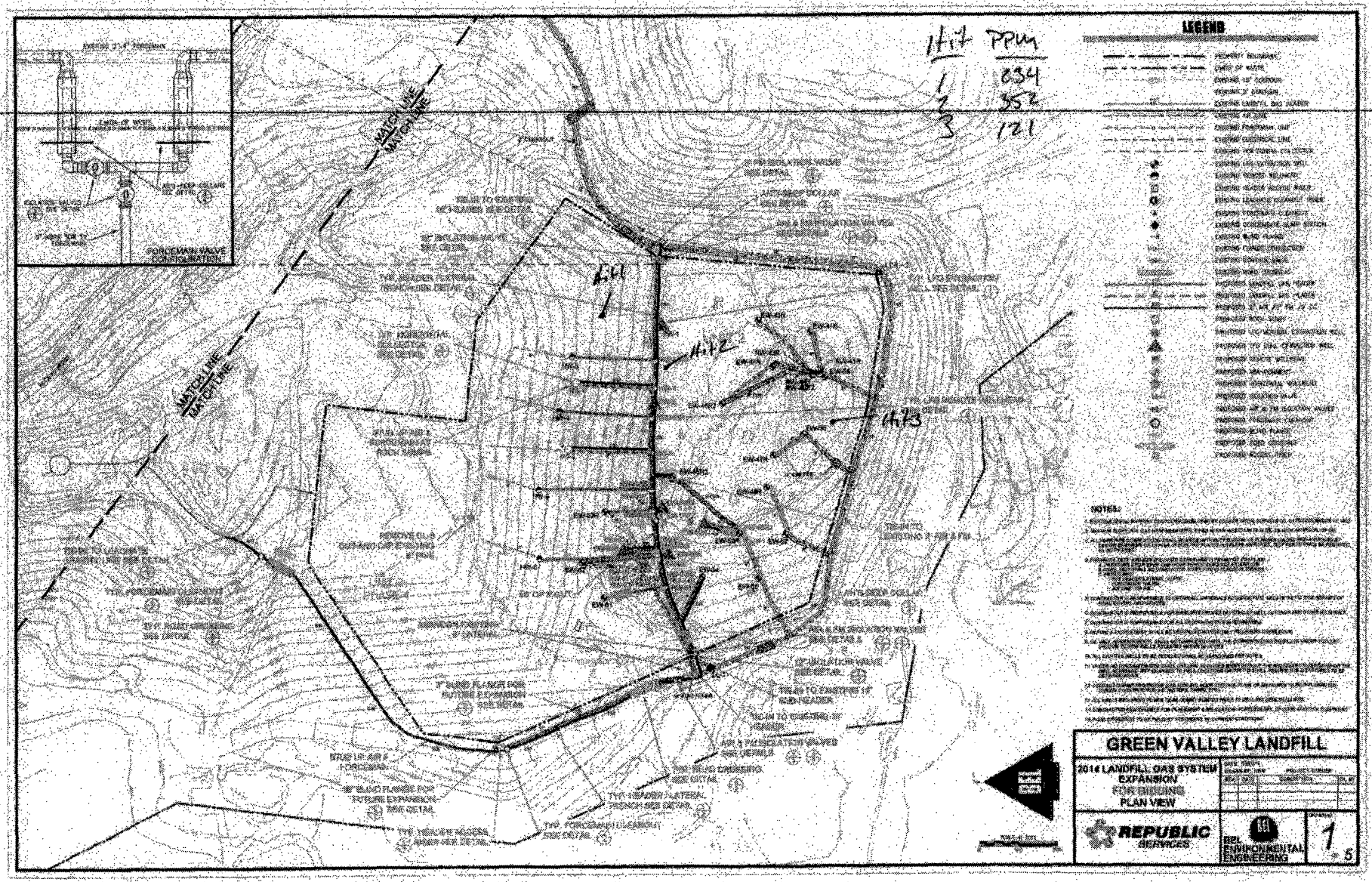
Date: Wednesday, March 18, 2015

Start Time: 13:30:00

| Exceedance Identifier | Location and Time | Concentration of Exceedance (ppm) |
|---|---|---|
| Hit 1 | 200' N of PW-1 @ 13:46 | 234 |
| Hit 2 | 25' SW of HW3 @ 13:48 | 352 |
| Hit 3 | 75' S of EW56 @ 13:53 | 121 |

| WEATHER CONDITIONS: | |
|---|---|
| Temperature: | 48 ° F |
| Barametric Pressure: | 30.2 In. |
| Wind Speed/Direction: | NNE @ 4 MPH |
| Conditions: | Clear |

Green Valley 1st Quarter 10 Day Rechecks 3/18/15



**PERMANENT METHANE MONITORS**
**OPERATIONAL CHECK**
**Green Valley Landfill**
**1st Quarter 2015**

*Date:* 3/9/2015 *PERSONNEL:* Zachary Ankney

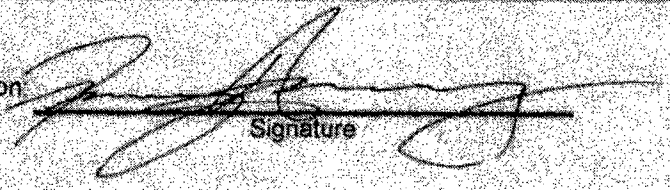
| Structure | Inspection Time | Monitor Model No. | Unit Serial No. | Monitor Location | Operational and Calibrated? Y/N | COMMENTS |
|---|---|---|---|---|---|---|
| Office | 10:02 | Sierra 2001 | 991915 | Main Hall | Yes | |
| Shop Office | 10:06 | Sierra 2001 | 199m | South Wall | Yes | |
| Compressor Building | 10:12 | Sierra 2001 | 249GAM | North Wall | Yes | |
| Scalehouse | 10:04 | Sierra 2001 | 0029m | North Wall | Yes | |
| File Shed | 10:06 | Sierra 2001 | 0025m | West Wall | Yes | |
| Landfill Shop | 10:08 | Sierra 2001 | 0059m | West Wall | Yes | |

Certification: _____ 3/9/2015
Signature Date

**STRUCTURAL CHECK**
**Green Valley Landfill**
**1st Quarter 2015**

*Date:* 3/9/2015 *PERSONNEL:* Zachary Ankney

| Structure | Date | Inspection Time | Monitored Location | LEL % | COMMENTS |
|---|---|---|---|---|---|
| Office | 3/9/2015 | 10:02 | Lowest | 0.0 | |
| Shop Office | 3/9/2015 | 10:10 | Lowest | 0.0 | |
| Scalehouse | 3/9/2015 | 10:04 | Lowest | 0.0 | |
| Compressor Building | 3/9/2015 | 10:12 | Lowest | 0.0 | |
| File Shed | 3/9/2015 | 10:06 | Lowest | 0.0 | |
| Landfill Shop | 3/9/2015 | 10:08 | Lowest | 0.0 | |

Certification  3/9/2015

Signature Date

# GAS PROBE MONITORING
## Green Valley Landfill
## 1st Quarter 2015

*Date:* 3/9/2015 *PERSONNEL:* Zachary Ankney

| PROBE ID | STATIC PRESSURE | METHANE % | LEL % | OXYGEN % | DEPTH TO WATER ft | COMMENTS |
|---|---|---|---|---|---|---|
| MP1 | 0.0 | 0.0 | 0.0 | 11.6 | 10.8 | Lock Installed |
| MP2 | 0.0 | 0.0 | 0.0 | 21.6 | 11.2 | Lock Installed |
| MP3 | 0.0 | 0.0 | 0.0 | 6.5 | 133.6 | Lock Installed |
| MP4 | 0.0 | 0.0 | 0.0 | 21 | 45.4 | Lock Installed |

Notes:

Indicator: Envision Firm: MCC
Calibration gas: 15% Methane: 15% Carbon Dioxide:
Weather Conditions: Partly Cloudy
Temperature: 38 F

Certification: Signature 3/9/2015 Date

Monitoring
Control and Compliance, Inc.

# METER CALIBRATION FORM

DATE: 3/9/2015

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: 15:00

## Calibration Number 1

Time: 9:01 Temp: 38 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: 3/9/2015

# ATTACHMENT J

**Rolling Data Table**

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 3/11/2014 13:01 | 61.1 | 38.5 | 0 | 0.4 | 0.8 | -0.07 | 87 | 9 | 0 | -5.91 | Slightly Open; None; Good; 10712 |
| EW-27RR | 3/11/2014 13:02 | 60.5 | 39.5 | 0 | 0 | -0.06 | -0.11 | 112 | 0 | 0 | -5.87 | 2nd Reading; None; Good |
| EW-27RR | 3/26/2014 12:42 | 43.6 | 33 | 0.3 | 23.1 | -2.52 | -1.6 | 120 | 0 | 0 | -14.75 | Slightly Closed; None; Good; 10712 |
| EW-27RR | 3/26/2014 12:43 | 41.9 | 35 | 0.2 | 22.9 | -1.15 | -1.14 | 107 | 0 | 0 | -14.84 | 2nd Reading; None; Good |
| EW-27RR | 4/9/2014 11:50 | 58.4 | 39 | 0 | 2.6 | -0.71 | -0.82 | 76 | 5 | 0 | -15.62 | Slightly Open; No Repair Needed; Good; |
| EW-27RR | 4/9/2014 11:51 | 58.6 | 39.6 | 0 | 1.8 | -1.03 | -1.03 | 86 | 0 | 0 | -17.82 | 2nd Reading; No Repair Needed; Good |
| EW-27RR | 5/29/2014 13:21 | 53.9 | 36.5 | 0 | 9.6 | -1 | -1 | 126 | 0 | 0 | -21.27 | No Change; No Repair Needed; Good; 10717 |
| EW-27RR | 6/9/2014 13:21 | 53.7 | 37.4 | 0 | 8.9 | -0.91 | -0.9 | 125 | 0 | 0 | -17.69 | No Change; No Repair Needed; Good; 10717 |
| EW-27RR | 6/24/2014 12:06 | 52.6 | 37.3 | 0 | 10.1 | -0.86 | -0.82 | 124 | 0 | 0 | -17.3 | No Change; No Repair Needed; Good; 10717 |
| 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; |
| 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; |
| 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; |
| 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; |
| 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; |
| 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; |
| 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-63R | 3/11/2014 9:32 | 62.4 | 34 | 0.1 | 3.5 | -13.98 | -14.02 | 57 | 0 | 0 | -13.81 | No Change; None; Good |
| EW-63R | 3/26/2014 8:52 | 63.8 | 34.6 | 0 | 1.6 | -16.01 | -16.01 | 36 | 0 | 0 | -15.79 | No Change; None; Good |
| EW-63R | 4/9/2014 8:05 | 63.6 | 36.1 | 0 | 0.3 | -16.7 | -16.7 | 48 | 0 | 0 | -16.52 | No Change; No Repair Needed; Fair |
| EW-63R | 5/28/2014 11:02 | 59.8 | 30.9 | 0.2 | 9.1 | -16.09 | -16.22 | 85 | 0 | 0 | -15.66 | No Change; No Repair Needed; Good |
| EW-63R | 6/9/2014 9:13 | 63.9 | 36.1 | 0 | 0 | -20.45 | -20.49 | 76 | 9 | 7 | -20.02 | No Change; No Repair Needed; Good |
| EW-63R | 6/24/2014 7:39 | 63.4 | 33.9 | 0 | 2.7 | -20.84 | -20.88 | 79 | 7 | 8 | -20.58 | No Change; No Repair Needed; Good; needs |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 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 |
| 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 |
| 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 |
| 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; |
| 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 |
| 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 |
| 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 |
| GRNV17R2 | 3/11/2014 12:19 | 60.2 | 35 | 0 | 4.8 | -4.14 | -4.2 | 103 | 40 | 44 | -6.38 | No Change; None; Good |
| GRNV17R2 | 3/26/2014 11:56 | 54.2 | 35.4 | 0 | 10.4 | -10.48 | -10.66 | 102 | 48 | 43 | -13.5 | No Change; None; Good |
| GRNV17R2 | 4/9/2014 10:04 | 54.6 | 35.5 | 0 | 9.9 | -13.46 | -13.59 | 102 | 50 | 50 | -17.43 | Slightly Open; No Repair Needed; Good |
| GRNV17R2 | 4/9/2014 10:05 | 54.7 | 37.3 | 0 | 8 | -13.03 | -13.07 | 103 | 48 | 46 | -15.49 | 2nd Reading; No Repair Needed; Good |
| GRNV17R2 | 5/29/2014 12:37 | 49.4 | 35.9 | 0 | 14.7 | -12.38 | -12.34 | 104 | 53 | 54 | -16.95 | No Change; No Repair Needed; Good |
| GRNV17R2 | 6/9/2014 12:45 | 48.3 | 36 | 0 | 15.7 | -10.27 | -9.97 | 104 | 43 | 45 | -12.94 | No Change; No Repair Needed; Good |
| GRNV17R2 | 6/24/2014 10:19 | 48.2 | 35.5 | 0 | 16.3 | -10.66 | -10.66 | 104 | 69 | 64 | -15.83 | No Change; No Repair Needed; Good |
| 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 |

# Green Valley Landfill
## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 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 |
| 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 |
| GRNV46R2 | 3/11/2014 10:18 | 57.1 | 36.5 | 3.4 | 3 | -7.85 | -7.85 | 60 | 9 | 13 | -7.64 | No Change; None; Good |
| GRNV46R2 | 3/26/2014 9:41 | 63.5 | 36.1 | 0.4 | 0 | -15.92 | -15.83 | 31 | 0 | 0 | -15.88 | No Change; None; Good |
| GRNV46R2 | 4/9/2014 8:56 | 59.6 | 39 | 0 | 1.4 | -21.44 | -21.66 | 55 | 2 | 10 | -21.35 | No Change; No Repair Needed; Good |
| GRNV46R2 | 5/29/2014 9:05 | 60.7 | 39.3 | 0 | 0 | 7.25 | 7.25 | 73 | 7 | 6 | 6.95 | No Change; No Repair Needed; Good |
| GRNV46R2 | 5/29/2014 9:06 | 61.9 | 38.1 | 0 | 0 | 7.25 | 7.25 | 73 | 7 | 6 | 7.29 | 2nd Reading; No Repair Needed; Good |
| GRNV46R2 | 5/29/2014 14:27 | 58.7 | 40.4 | 0 | 0.9 | -17.17 | -17.52 | 75 | 17 | 17 | -17.6 | No Change; No Repair Needed; Good |
| GRNV46R2 | 6/9/2014 11:00 | 59.3 | 40.7 | 0 | 0 | -20.79 | -20.79 | 77 | 6 | 6 | -20.58 | No Change; No Repair Needed; Fair |
| GRNV46R2 | 6/24/2014 8:48 | 60 | 39.6 | 0 | 0.4 | -20.88 | -21.05 | 82 | 7 | 9 | -20.66 | No Change; No Repair Needed; Good |
| 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| GRNV50R2 | 3/11/2014 9:40 | 35.5 | 23.8 | 8.7 | 32 | -13.33 | -13.33 | 57 | 0 | 0 | -13.16 | Slightly Closed; None; Fair |
| GRNV50R2 | 3/11/2014 9:41 | 44.3 | 23.3 | 6.7 | 25.7 | -13.33 | -13.37 | 57 | 0 | 4 | -13.11 | 2nd Reading; None; Fair |
| GRNV50R2 | 3/26/2014 8:57 | 41.8 | 24.8 | 6.9 | 26.5 | -16.05 | -16.01 | 34 | 0 | 4 | -16.09 | Slightly Closed; None; Fair |
| GRNV50R2 | 3/26/2014 8:57 | 37.3 | 21.6 | 9.2 | 31.9 | -16.22 | -16.01 | 35 | 0 | 0 | -16.13 | 2nd Reading; None; Fair |
| GRNV50R2 | 4/9/2014 8:10 | 41.3 | 23.3 | 8.3 | 27.1 | -16.78 | -16.74 | 48 | 0 | 0 | -16.57 | Slightly Closed; No Repair Needed; Fair |
| GRNV50R2 | 4/9/2014 8:11 | 43.1 | 23.8 | 7.2 | 25.9 | -17.82 | -17.77 | 48 | 4 | 6 | -17.6 | 2nd Reading; No Repair Needed; Fair |
| GRNV50R2 | 4/24/2014 8:29 | 39.6 | 24.3 | 7.7 | 28.4 | -27.61 | -26.96 | 50 | 0 | 0 | -27.35 | No Change; No Repair Needed; Fair |
| GRNV50R2 | 4/24/2014 8:30 | 37.6 | 24.3 | 7.9 | 30.2 | -27.65 | -27.65 | 50 | 0 | 0 | -27.65 | 2nd Reading; No Repair Needed; Fair |
| GRNV50R2 | 5/28/2014 11:07 | 45 | 25.4 | 6.1 | 23.5 | -21.18 | -22.22 | 85 | 8 | 5 | -21.27 | Slightly Closed; No Repair Needed; Fair |
| GRNV50R2 | 5/28/2014 11:08 | 46.8 | 25.5 | 5.5 | 22.2 | -21.4 | -21.4 | 85 | 9 | 6 | -21.27 | 2nd Reading; No Repair Needed; Fair |
| GRNV50R3 | 6/9/2014 10:25 | 59.2 | 40.8 | 0 | 0 | -13.76 | -13.76 | 101 | 36 | 34 | -21.66 | No Change; No Repair Needed; Good |
| GRNV50R3 | 6/24/2014 8:03 | 52.9 | 38.6 | 0 | 8.5 | -10.4 | -10.4 | 100 | 23 | 23 | -14.15 | No Change; No Repair Needed; Good |
| 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 |

# Green Valley Landfill
## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 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 |
| GRNV64R2 | 6/9/2014 9:17 | 59.1 | 40.9 | 0 | 0 | 16.57 | -2.47 | 107 | 28 | 50 | -21.01 | Slightly Open; No Repair Needed; Good |
| GRNV64R2 | 6/9/2014 9:18 | 57.9 | 42.1 | 0 | 0 | -4.61 | -4.53 | 114 | 41 | 41 | -20.53 | 2nd Reading; No Repair Needed; Good |
| GRNV64R2 | 6/9/2014 10:12 | 58.8 | 41.2 | 0 | 0 | -13.37 | -13.37 | 114 | 31 | 28 | -20.45 | No Change; No Repair Needed; Good |
| GRNV64R2 | 6/9/2014 13:59 | 58.8 | 41.1 | 0 | 0.1 | -14.84 | -15.4 | 114 | 23 | 32 | -21.1 | No Change; No Repair Needed; Good |
| GRNV64R2 | 6/24/2014 7:41 | 60.1 | 39.6 | 0 | 0.3 | -16.26 | -16.87 | 108 | 40 | 43 | -20.66 | Slightly Open; No Repair Needed; Good; needs |
| GRNV64R2 | 6/24/2014 7:42 | 59.2 | 40.8 | 0 | 0 | -17.26 | -17.26 | 108 | 33 | 36 | -21.05 | 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 |
| 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 |
| 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; |
| 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; |
| 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; |
| 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; |
| 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; |
| GRNV64R2 | 1/22/2015 7:42 | 59.4 | 38.9 | 0.4 | 1.3 | -28.9 | | 112 | 34 | | -29 | No Change; Pump Maintenance Required; |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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; |
| 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; |
| GRNV65R2 | 3/11/2014 9:49 | 40.7 | 23.3 | 7.1 | 28.9 | -11.99 | -12.04 | 60 | 6 | 6 | -12.04 | Slightly Closed; None; Fair |
| GRNV65R2 | 3/11/2014 9:51 | 48.1 | 26.5 | 4.9 | 20.5 | -11.99 | -11.99 | 58 | 7 | 6 | -11.78 | 2nd Reading; None; Fair |
| GRNV65R2 | 3/26/2014 9:14 | 48.6 | 26.1 | 4.7 | 20.6 | -15.83 | -15.83 | 35 | 0 | 0 | -15.88 | No Change; None; Fair |
| GRNV65R2 | 4/9/2014 8:23 | 40.5 | 22.8 | 7.1 | 29.6 | -16.48 | -16.48 | 51 | 0 | 0 | -16.48 | Slightly Closed; No Repair Needed; Fair |
| GRNV65R2 | 4/9/2014 8:24 | 46.5 | 25.9 | 6.4 | 21.2 | -16.48 | -16.48 | 49 | 0 | 0 | -16.18 | 2nd Reading; No Repair Needed; Fair |
| GRNV65R2 | 4/24/2014 8:38 | 48.6 | 27.4 | 4.9 | 19.1 | -26.57 | -26.57 | 51 | 0 | 0 | -26.66 | No Change; No Repair Needed; Fair |
| GRNV65R2 | 5/29/2014 8:36 | 47.2 | 24.7 | 4.9 | 23.2 | -10.7 | -10.7 | 74 | 6 | 6 | -1.34 | No Change; No Repair Needed; Fair |
| GRNV65R2 | 6/9/2014 9:09 | 59.2 | 40.7 | 0.1 | 0 | 0.15 | -1.16 | 70 | 11 | 6 | -20.28 | Slightly Open; No Repair Needed; Good |
| GRNV65R2 | 6/9/2014 9:10 | 58.5 | 41.5 | 0 | 0 | -0.96 | -0.93 | 71 | 4 | 7 | -20.1 | 2nd Reading; No Repair Needed; Good |
| GRNV65R2 | 6/24/2014 7:45 | 59 | 41 | 0 | 0 | -0.16 | -3.89 | 78 | 10 | 7 | -20.32 | Slightly Open; No Repair Needed; Good |
| GRNV65R2 | 6/24/2014 7:46 | 57.2 | 40.3 | 0.6 | 1.9 | -5.91 | -5.57 | 77 | 9 | 9 | -20.84 | 2nd Reading; No Repair Needed; Good |
| 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; |
| 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| GRNVL08R | 3/11/2014 12:26 | 56.9 | 36 | 0 | 7.1 | -1.66 | -1.65 | 112 | 19 | 21 | -6.56 | No Change; None; Good; 64947 |
| GRNVL08R | 3/26/2014 12:02 | 49.8 | 36.5 | 0 | 13.7 | -4.64 | -4.68 | 111 | 29 | 31 | -13.16 | No Change; None; Good |
| GRNVL08R | 4/9/2014 10:11 | 57.7 | 35.6 | 0 | 6.7 | -7.16 | -7.51 | 112 | 25 | 30 | -15.14 | Slightly Open; No Repair Needed; Good; |
| GRNVL08R | 4/9/2014 10:12 | 57.9 | 36.1 | 0 | 6 | -7.55 | -7.55 | 112 | 36 | 33 | -15.49 | 2nd Reading; No Repair Needed; Good |
| GRNVL08R | 5/29/2014 12:45 | 42.5 | 33 | 0 | 24.5 | -7.08 | -6.64 | 114 | 37 | 30 | -17.04 | Slightly Closed; No Repair Needed; Good; |
| GRNVL08R | 5/29/2014 12:47 | 42.5 | 33.5 | 0 | 24 | -6.47 | -6.47 | 113 | 31 | 27 | -16.52 | 2nd Reading; No Repair Needed; Good |
| GRNVL08R | 6/9/2014 12:50 | 43 | 33.5 | 0 | 23.5 | -4.64 | -4.06 | 112 | 23 | 16 | -14.24 | Slightly Closed; No Repair Needed; Good; |
| GRNVL08R | 6/9/2014 12:51 | 41.8 | 33.5 | 0 | 24.7 | -3.98 | -3.98 | 111 | 21 | 13 | -16.31 | 2nd Reading; No Repair Needed; Good |
| GRNVL08R | 6/24/2014 10:24 | 46.8 | 34 | 0 | 19.2 | -2.72 | -2.5 | 110 | 32 | 23 | -16.91 | Slightly Closed; No Repair Needed; Good; |
| GRNVL08R | 6/24/2014 10:25 | 46.7 | 35.5 | 0 | 17.8 | -2.38 | -2.39 | 109 | 12 | 8 | -16.22 | 2nd Reading; No Repair Needed; Good |
| 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; |
| 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; |
| 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; |
| 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; |
| 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; |
| 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; |
| 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 |
| GRNVL10R | 3/11/2014 12:45 | 63.3 | 36.6 | 0 | 0.1 | -0.11 | -0.15 | 105 | 21 | 21 | -6.56 | No Change; None; Good; 608 |
| GRNVL10R | 3/26/2014 12:24 | 44.3 | 32.9 | 0.9 | 21.9 | -3.76 | -2.58 | 126 | 31 | 13 | -13.5 | Slightly Closed; None; Good; 608 |
| GRNVL10R | 3/26/2014 12:25 | 46.1 | 33 | 1.2 | 19.7 | -2.21 | -2.21 | 123 | 13 | 13 | -14.02 | 2nd Reading; None; Good |
| GRNVL10R | 4/9/2014 11:40 | 50.9 | 33.5 | 1.4 | 14.2 | -2.54 | -2.57 | 121 | 19 | 17 | -15.92 | No Change; No Repair Needed; Good; 608 |
| GRNVL10R | 5/29/2014 13:12 | 49.7 | 34.1 | 0.6 | 15.6 | -1.93 | -1.9 | 124 | 32 | 33 | -16.87 | No Change; No Repair Needed; Good; 608 |
| GRNVL10R | 6/9/2014 13:13 | 51.7 | 36.3 | 0.5 | 11.5 | -1.66 | -1.63 | 125 | 15 | 15 | -17 | No Change; No Repair Needed; Good; 608 |

# Green Valley Landfill
## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GRNVL10R | 6/24/2014 11:59 | 53.5 | 35.8 | 0.5 | 10.2 | -1.23 | -1.29 | 125 | 30 | 29 | -12.47 | No Change; No Repair Needed; Good; 608 |
| 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 |
| GRNVL13R | 3/11/2014 10:56 | 61.8 | 37.6 | 0 | 0.6 | -5.48 | -5.48 | 111 | 23 | 20 | -7.29 | No Change; None; Good |
| GRNVL13R | 3/26/2014 10:20 | 57.6 | 35.6 | 0 | 6.8 | -11.3 | -11.3 | 110 | 18 | 19 | -13.42 | No Change; None; Good; 129428 |
| GRNVL13R | 4/9/2014 9:30 | 57.8 | 37.5 | 0 | 4.7 | -12.17 | -12.86 | 111 | 17 | 27 | -14.41 | Slightly Open; No Repair Needed; Good; |
| GRNVL13R | 4/9/2014 9:31 | 57.9 | 37.8 | 0 | 4.3 | -13.11 | -13.03 | 112 | 26 | 26 | -14.11 | 2nd Reading; No Repair Needed; Good |
| GRNVL13R | 5/29/2014 10:01 | 55.6 | 36.3 | 0.1 | 8 | -14.71 | -14.62 | 114 | 28 | 26 | -16.87 | No Change; No Repair Needed; Good; 134467 |
| GRNVL13R | 6/9/2014 12:15 | 53.1 | 36.4 | 0.1 | 10.4 | -13.72 | -13.72 | 114 | 27 | 27 | -14.88 | No Change; No Repair Needed; Good; 135996 |
| GRNVL13R | 6/24/2014 9:19 | 51.9 | 35.9 | 0 | 12.2 | -14.15 | -14.15 | 114 | 31 | 32 | -15.88 | No Change; No Repair Needed; Good; 137791 |
| 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; |
| 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; |
| 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; |
| 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 |
| 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; |
| 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; |
| 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 |

# Green Valley Landfill
## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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; |
| 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 |
| 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 |
| GRNVL18R | 3/11/2014 12:38 | 60.9 | 34.1 | 0 | 5 | -1.04 | -1 | 94 | 29 | 30 | -5.74 | No Change; None; Good; 288 |
| GRNVL18R | 3/26/2014 12:17 | 50.1 | 35.4 | 0.5 | 14 | -6.56 | -6.56 | 92 | 10 | 11 | -14.02 | No Change; None; Good; 288 |
| GRNVL18R | 4/9/2014 10:25 | 53.3 | 35.3 | 0 | 11.4 | -9.23 | -9.23 | 94 | 30 | 31 | -16.18 | No Change; No Repair Needed; Good; 290 |
| GRNVL18R | 5/29/2014 12:33 | 45.9 | 34 | 0.1 | 20 | -7.2 | -6.82 | 97 | 37 | 32 | -18.94 | Slightly Closed; No Repair Needed; Good; 290 |
| GRNVL18R | 5/29/2014 12:34 | 46.4 | 36.1 | 0.1 | 17.4 | -6.17 | -6.17 | 95 | 18 | 20 | -20.53 | 2nd Reading; No Repair Needed; Good |
| GRNVL18R | 6/9/2014 13:05 | 45.1 | 35.9 | 0.1 | 18.9 | -4.78 | -4.5 | 95 | 11 | 7 | -16.87 | Slightly Closed; No Repair Needed; Good; 290 |
| GRNVL18R | 6/9/2014 13:06 | 44.8 | 34.6 | 0.1 | 20.5 | -4.26 | -4.28 | 94 | 20 | 19 | -16.65 | 2nd Reading; No Repair Needed; Good |
| GRNVL18R | 6/24/2014 10:45 | 49.4 | 34.5 | 0 | 16.1 | -3.17 | -3.15 | 94 | 7 | 6 | -13.42 | No Change; No Repair Needed; Good; 290 |
| 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 |
| 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 |
| GRNVL26R | 3/11/2014 10:43 | 58.5 | 35.4 | 0.3 | 5.8 | -5.13 | -5.13 | 101 | 23 | 20 | -7.59 | No Change; None; Good; 153637 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 3/26/2014 10:02 | 56.1 | 34.7 | 0.4 | 8.8 | -10.31 | -9.97 | 100 | 26 | 26 | -14.06 | No Change; None; Good; 153637 |
| GRNVL26R | 4/9/2014 9:14 | 52.1 | 35.8 | 0.4 | 11.7 | -12.55 | -12.47 | 101 | 35 | 31 | -18.25 | No Change; No Repair Needed; Good; 153637 |
| GRNVL26R | 5/29/2014 9:43 | 52.2 | 35.8 | 0.1 | 11.9 | -13.42 | -13.46 | 103 | 34 | 30 | -20.02 | No Change; No Repair Needed; Good; 155993 |
| GRNVL26R | 6/9/2014 12:03 | 49.9 | 36 | 0.2 | 13.9 | -13.03 | -13.03 | 103 | 33 | 31 | -18.59 | No Change; No Repair Needed; Good; 156599 |
| GRNVL26R | 6/24/2014 9:05 | 48 | 36.4 | 0 | 15.6 | -9.66 | -9.66 | 102 | 24 | 28 | -13.11 | No Change; No Repair Needed; Good; 156909 |
| 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; |
| 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; |
| 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; |
| 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; |
| 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; |
| 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 |
| GRNVL32R | 3/11/2014 12:42 | 59.9 | 35.7 | 0.2 | 4.2 | -5.48 | -5.48 | 124 | 17 | 13 | -5.57 | No Change; None; Good; 613352 |
| GRNVL32R | 3/26/2014 12:20 | 55.8 | 36.5 | 0.3 | 7.4 | -12.9 | -12.94 | 125 | 16 | 15 | -13.85 | No Change; None; Good; 613352 |
| GRNVL32R | 4/9/2014 11:43 | 56.8 | 37.3 | 0.7 | 5.2 | -14.97 | -15.01 | 126 | 17 | 14 | -15.92 | No Change; No Repair Needed; Good; 613352 |
| GRNVL32R | 5/29/2014 13:08 | 54.6 | 36.8 | 0 | 8.6 | -18.85 | -18.9 | 129 | 24 | 26 | -21.01 | No Change; No Repair Needed; Good; 613352 |
| GRNVL32R | 6/9/2014 13:10 | 52.6 | 36.6 | 0.1 | 10.7 | -15.44 | -15.75 | 129 | 19 | 22 | -16.65 | No Change; No Repair Needed; Good |
| GRNVL32R | 6/24/2014 11:56 | 52.9 | 37 | 0.1 | 10 | -12.08 | -12.08 | 129 | 17 | 18 | -12.77 | No Change; No Repair Needed; Good; 613352 |
| 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| GRNVL38R | 3/11/2014 12:49 | 65.8 | 34.1 | 0 | 0.1 | -0.87 | -0.9 | 74 | 18 | 18 | -6.17 | No Change; None; Good; 24947 |
| GRNVL38R | 3/26/2014 12:31 | 51.7 | 35.5 | 0 | 12.8 | -3.37 | -3.37 | 129 | 7 | 6 | -11.73 | No Change; None; Good; 24947 |
| GRNVL38R | 4/9/2014 11:37 | 60.1 | 35.6 | 0 | 4.3 | -3.34 | -3.43 | 126 | 7 | 7 | -16.95 | Slightly Open; No Repair Needed; Good; |
| GRNVL38R | 4/9/2014 11:37 | 60.8 | 37.5 | 0 | 1.7 | -3.51 | -3.5 | 128 | 5 | 8 | -15.92 | 2nd Reading; No Repair Needed; Good |
| GRNVL38R | 5/29/2014 12:55 | 41.1 | 33.4 | 0 | 25.5 | -3.85 | -3.19 | 132 | 16 | 4 | -15.62 | Slightly Closed; No Repair Needed; Good; |
| GRNVL38R | 5/29/2014 12:56 | 40.7 | 35.2 | 0 | 24.1 | -2.85 | -2.84 | 126 | 10 | 9 | -16.95 | 2nd Reading; No Repair Needed; Good |
| GRNVL38R | 6/9/2014 13:15 | 53 | 33.5 | 0 | 13.5 | -1.12 | -1.1 | 104 | 8 | 6 | -15.62 | No Change; No Repair Needed; Good; 24947 |
| GRNVL38R | 6/24/2014 10:32 | 55.7 | 34.5 | 0 | 9.8 | -0.7 | -0.72 | 103 | 5 | 4 | -18.85 | No Change; No Repair Needed; Good; 24947 |
| 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; |
| 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; |
| 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; |
| 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 |
| 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 |
| GRNVL41R | 3/11/2014 10:12 | 63.5 | 35.4 | 0.1 | 1 | -6.82 | -6.82 | 60 | 9 | 13 | -7.98 | No Change; None; Good |
| GRNVL41R | 3/26/2014 9:34 | 63.3 | 36.6 | 0.1 | 0 | -13.2 | -13.24 | 59 | 0 | 0 | -15.83 | No Change; None; Good |
| GRNVL41R | 4/9/2014 8:46 | 62.7 | 34 | 0.1 | 3.2 | -15.79 | -15.79 | 69 | 14 | 14 | -15.88 | No Change; No Repair Needed; Good |
| GRNVL41R | 5/29/2014 8:58 | 62.1 | 37.9 | 0 | 0 | 6.77 | 6.77 | 81 | 0 | 0 | 6.82 | 2nd Reading; No Repair Needed; Good |
| GRNVL41R | 5/29/2014 14:29 | 60 | 37.3 | 0.1 | 2.6 | -17.17 | -17.52 | 85 | 16 | 19 | -17.95 | No Change; No Repair Needed; Good |
| GRNVL41R | 6/9/2014 10:51 | 51.6 | 32.4 | 0.2 | 15.8 | -20.36 | -20.45 | 90 | 15 | 14 | -20.71 | No Change; No Repair Needed; Good |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GRNVL41R | 6/24/2014 8:31 | 45.4 | 29.6 | 0.8 | 24.2 | -20.53 | -17.6 | 94 | 10 | 11 | -20.71 | Slightly Closed; No Repair Needed; Good |
| GRNVL41R | 6/24/2014 8:33 | 45.7 | 29.9 | 0.6 | 23.8 | -16.57 | -16.57 | 94 | 9 | 15 | -20.97 | 2nd Reading; 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 |
| GRNVL43R | 3/11/2014 10:15 | 31.8 | 21.8 | 9.5 | 36.9 | -7.89 | -7.89 | 63 | 8 | 4 | -7.64 | Slightly Closed; None; Fair |
| GRNVL43R | 3/11/2014 10:16 | 36.2 | 25.6 | 8.3 | 29.9 | -7.85 | -7.89 | 63 | 10 | 14 | -7.64 | 2nd Reading; None; Fair |
| GRNVL43R | 3/26/2014 9:37 | 16.2 | 14.1 | 15.5 | 54.2 | -16.09 | -15.96 | 37 | 0 | 0 | -15.79 | Slightly Closed; None; Fair |
| GRNVL43R | 3/26/2014 9:38 | 31.2 | 19.1 | 10.5 | 39.2 | -16.05 | -16.01 | 39 | 0 | 0 | -15.83 | 2nd Reading; None; Fair |
| GRNVL43R | 4/9/2014 8:49 | 24.5 | 22.8 | 11.7 | 41 | -17.52 | -17.56 | 58 | 0 | 0 | -17.26 | Slightly Closed; No Repair Needed; Fair |
| GRNVL43R | 4/9/2014 8:50 | 50.4 | 39.5 | 1.8 | 8.3 | -19.76 | -19.72 | 58 | 4 | 6 | -19.46 | 2nd Reading; No Repair Needed; Fair |
| GRNVL43R | 5/29/2014 9:00 | 61.3 | 38.7 | 0 | 0 | 6.9 | 6.9 | 72 | 5 | 5 | 6.6 | No Change; No Repair Needed; Good |
| GRNVL43R | 5/29/2014 9:01 | 61.5 | 38.5 | 0 | 0 | 7.16 | 7.16 | 72 | 6 | 5 | 6.9 | 2nd Reading; No Repair Needed; Good |
| GRNVL43R | 5/29/2014 14:21 | 40.5 | 30.4 | 4.9 | 24.2 | -17.52 | -17.52 | 84 | 10 | 10 | -17.56 | No Change; No Repair Needed; Good |
| GRNVL43R | 6/9/2014 10:53 | 34.5 | 25.9 | 8.1 | 31.5 | -20.79 | -20.79 | 82 | 4 | 4 | -20.58 | Slightly Closed; No Repair Needed; Fair; |
| GRNVL43R | 6/9/2014 10:54 | 29.8 | 23.3 | 10.2 | 36.7 | -21.01 | -20.75 | 83 | 7 | 7 | -20.58 | 2nd Reading; No Repair Needed; Fair |
| GRNVL43R | 6/9/2014 14:13 | 40.8 | 29.9 | 4.7 | 24.6 | -19.24 | -19.24 | 84 | 5 | 5 | -21.1 | No Change; No Repair Needed; Fair |
| GRNVL43R | 6/24/2014 8:36 | 55.1 | 39.6 | 1 | 4.3 | -8.67 | -8.63 | 83 | 0 | 0 | -20.97 | No Change; No Repair Needed; Fair; remote restricted |
| 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 |

# Green Valley Landfill
## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| GRNVL44R | 3/11/2014 10:25 | 45.5 | 30.4 | 4.9 | 19.2 | -8.2 | -8.2 | 64 | 8 | 6 | -7.98 | No Change; None; Fair |
| GRNVL44R | 3/26/2014 9:43 | 27.2 | 19.6 | 11.7 | 41.5 | -16.01 | -16.01 | 28 | 0 | 0 | -15.75 | Slightly Closed; None; Fair |
| GRNVL44R | 3/26/2014 9:44 | 28.3 | 20.1 | 11.4 | 40.2 | -16.05 | -16.01 | 28 | 4 | 0 | -15.83 | 2nd Reading; None; Fair |
| GRNVL44R | 4/9/2014 8:54 | 25.5 | 24.8 | 2.5 | 47.2 | -21.44 | -21.4 | 54 | 7 | 0 | -21.14 | Slightly Closed; No Repair Needed; Fair |
| GRNVL44R | 4/9/2014 8:55 | 28.9 | 27.9 | 1.3 | 41.9 | -21.44 | -21.44 | 53 | 5 | 2 | -21.14 | 2nd Reading; No Repair Needed; Fair |
| GRNVL44R | 5/29/2014 9:03 | 60.7 | 38.5 | 0 | 0.8 | 7.16 | 7.16 | 72 | 4 | 3 | 7.25 | No Change; No Repair Needed; Good |
| GRNVL44R | 5/29/2014 9:04 | 61.9 | 38.1 | 0 | 0 | 7.25 | 7.25 | 72 | 6 | 7 | 6.95 | 2nd Reading; No Repair Needed; Good |
| GRNVL44R | 5/29/2014 14:25 | 38.5 | 29 | 4.9 | 27.6 | -17.86 | -17.9 | 85 | 9 | 13 | -18.46 | No Change; No Repair Needed; Good |
| GRNVL44R | 6/9/2014 10:59 | 41.1 | 30.1 | 4.9 | 23.9 | -20.79 | -20.66 | 80 | 7 | 8 | -20.58 | No Change; No Repair Needed; Fair |
| GRNVL44R | 6/24/2014 8:46 | 41.2 | 30.4 | 4.9 | 23.5 | -20.84 | -21.05 | 83 | 1 | 2 | -20.66 | 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 |

# Green Valley Landfill
## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |
| GRNVL47R | 3/11/2014 10:04 | 24 | 18.3 | 12.4 | 45.3 | -11.99 | -12.04 | 60 | 0 | 0 | -11.73 | Slightly Closed; None; Fair |
| GRNVL47R | 3/11/2014 10:05 | 24.3 | 17.2 | 12.6 | 45.9 | -12.99 | -12.94 | 60 | 3 | 5 | -11.73 | 2nd Reading; None; Fair |
| GRNVL47R | 3/26/2014 9:26 | 19 | 22.1 | 12.5 | 46.4 | -0.69 | -0.72 | 47 | 0 | 0 | -15.88 | No Change; None; Fair; valve barely cracked |
| GRNVL47R | 3/26/2014 9:27 | 19.1 | 20.1 | 12.6 | 48.2 | -1.14 | -1.2 | 49 | 0 | 4 | -15.88 | 2nd Reading; None; Fair |
| GRNVL47R | 4/9/2014 8:37 | 12.9 | 18.3 | 13.9 | 54.9 | -1.38 | -1.42 | 66 | 4 | 2 | -16.82 | Slightly Closed; No Repair Needed; Fair |
| GRNVL47R | 4/9/2014 8:38 | 13.3 | 18.3 | 14.1 | 54.3 | -2.49 | -2.53 | 63 | 3 | 3 | -16.87 | 2nd Reading; No Repair Needed; Fair; meter putting vacuum on well |
| GRNVL47R | 4/24/2014 8:40 | 11.8 | 19.3 | 12.8 | 56.1 | -1.48 | -1.47 | 53 | 7 | 7 | -27.01 | No Change; No Repair Needed; Fair; valve barely cracked |
| GRNVL47R | 4/24/2014 8:42 | 11.6 | 20.8 | 12.6 | 55 | -3.5 | -3.51 | 52 | 6 | 7 | -27.01 | 2nd Reading; No Repair Needed; Fair; meter putting vacuum on well |
| GRNVL47R | 6/24/2014 8:23 | 61.4 | 35.7 | 0 | 2.9 | -16.61 | -17.86 | 82 | 0 | 0 | -20.71 | No Change; No Repair Needed; Fair; remote watered in |
| 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |
| GRNVL49R | 3/11/2014 10:00 | 62.4 | 36.7 | 0 | 0.9 | -10.96 | -10.96 | 98 | 22 | 20 | -11.09 | No Change; None; Good |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GRNVL49R | 3/26/2014 9:23 | 62.6 | 36.2 | 0 | 1.2 | -15.62 | -15.62 | 97 | 25 | 24 | -15.88 | No Change; None; Good |
| GRNVL49R | 4/9/2014 8:35 | 62.7 | 36.3 | 0 | 1 | -17.52 | -17.52 | 100 | 21 | 22 | -17.6 | No Change; No Repair Needed; Good |
| GRNVL49R | 5/29/2014 8:47 | 63.4 | 36.6 | 0 | 0 | 2.88 | 2.88 | 95 | 0 | 0 | 2.76 | No Change; Good; vacuum isolated |
| GRNVL49R | 5/29/2014 8:48 | 62.8 | 36.5 | 0 | 0.7 | 3.22 | 3.24 | 94 | 0 | 0 | 3.11 | 2nd Reading; No Repair Needed; Good |
| GRNVL49R | 5/29/2014 14:37 | 62.5 | 37.5 | 0 | 0 | -17.17 | -17.17 | 103 | 21 | 20 | -17.56 | No Change; No Repair Needed; Good |
| GRNVL49R | 6/9/2014 10:44 | 62.3 | 37.7 | 0 | 0 | -20.53 | -20.32 | 101 | 23 | 20 | -20.36 | No Change; No Repair Needed; Good |
| GRNVL49R | 6/24/2014 8:20 | 62.2 | 37.8 | 0 | 0 | -20.71 | -20.71 | 101 | 17 | 16 | -20.75 | No Change; No Repair Needed; Good |
| 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 |
| 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 |
| 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 |
| GRNVL52R | 3/11/2014 9:46 | 66 | 33.7 | 0 | 0.3 | -10.96 | -10.96 | 124 | 16 | 15 | -12.47 | No Change; None; Good; 66854 |
| GRNVL52R | 3/26/2014 9:10 | 66 | 32.9 | 0 | 1.1 | -15.14 | -15.14 | 117 | 13 | 11 | -16.05 | No Change; None; Good; 70281 |
| GRNVL52R | 4/9/2014 8:19 | 66.2 | 33.5 | 0 | 0.3 | -16.05 | -16.01 | 123 | 13 | 10 | -16.91 | No Change; No Repair Needed; Good; 73170 |
| GRNVL52R | 5/29/2014 8:33 | 62.7 | 34.1 | 0.6 | 2.6 | -16.26 | -16.22 | 120 | 15 | 11 | -17.56 | No Change; No Repair Needed; Good; 77799 |
| GRNVL52R | 6/9/2014 10:32 | 64.6 | 34 | 0 | 1.4 | -19.28 | -19.24 | 124 | 14 | 15 | -20.58 | No Change; No Repair Needed; Good |
| GRNVL52R | 6/24/2014 8:09 | 65.1 | 34.5 | 0 | 0.4 | -13.11 | -13.11 | 121 | 6 | 11 | -13.93 | No Change; No Repair Needed; Good; 77799 |
| 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 |

# Green Valley Landfill
## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| GRNVL54R | 3/11/2014 9:44 | 66.4 | 31.4 | 0.3 | 1.9 | -12.34 | -12.34 | 116 | 35 | 34 | -12.47 | No Change; None; Good; 458061 |
| GRNVL54R | 3/26/2014 9:07 | 66.3 | 30.2 | 0.5 | 3 | -15.62 | -15.62 | 114 | 41 | 41 | -16.13 | No Change; None; Good; 458061 |
| GRNVL54R | 4/9/2014 8:16 | 65 | 32.6 | 0.2 | 2.2 | -17.17 | -17.17 | 112 | 28 | 27 | -17.26 | No Change; No Repair Needed; Good; 458061 |
| GRNVL54R | 5/29/2014 8:30 | 66.5 | 33.5 | 0 | 0 | 2.16 | 2.16 | 78 | 0 | 0 | 2.11 | No Change; No Repair Needed; Good; 458061; vacuum isolated |
| GRNVL54R | 5/29/2014 8:30 | 67 | 33 | 0 | 0 | 2.16 | 2.16 | 78 | 0 | 0 | 2.11 | 2nd Reading; No Repair Needed; Good |
| GRNVL54R | 6/9/2014 10:30 | 67.1 | 31.8 | 0 | 1.1 | -20.49 | -20.66 | 115 | 17 | 16 | -20.58 | No Change; No Repair Needed; Good; 458061 |
| GRNVL54R | 6/24/2014 8:06 | 58.6 | 30.1 | 0.1 | 11.2 | -14.15 | -14.06 | 112 | 34 | 34 | -14.15 | No Change; Needs New Regulator; 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; |
| 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; |
| 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; |
| 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; |
| 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; |
| 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; |
| 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; |
| 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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; |
| 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; |
| 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 |
| GRNVL59R | 6/9/2014 10:15 | 65.4 | 34.6 | 0 | 0 | -20.66 | -20.45 | 102 | 11 | 11 | -20.58 | No Change; No Repair Needed; Good |
| GRNVL59R | 6/24/2014 7:49 | 65.2 | 34.6 | 0 | 0.2 | -20.62 | -20.49 | 103 | 6 | 6 | -20.53 | No Change; No Repair Needed; Good; needs |
| 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 |
| 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 |
| 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; |
| 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; |
| 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; |
| 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; |
| 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; |
| 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 |
| GRNVL60R | 6/9/2014 10:17 | 62.1 | 37 | 0 | 0.9 | -18.25 | -18.25 | 85 | 11 | 13 | -20.36 | No Change; No Repair Needed; Good |
| GRNVL60R | 6/24/2014 7:51 | 60.8 | 38.6 | 0 | 0.6 | -17.26 | -17.26 | 90 | 12 | 6 | -20.66 | No Change; No Repair Needed; Good; needs |
| 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 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 |
| 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; |
| 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 |
| GRNVL64R | 3/11/2014 9:35 | 57.1 | 38 | 0.2 | 4.7 | -13.76 | -13.72 | 76 | 0 | 0 | -13.11 | No Change; None; Good |
| GRNVL64R | 3/26/2014 8:54 | 59.7 | 37.6 | 0 | 2.7 | -16.05 | -15.88 | 69 | 18 | 18 | -15.88 | No Change; None; Good |
| GRNVL64R | 4/9/2014 8:07 | 59.6 | 38.2 | 0 | 2.2 | -16.78 | -16.74 | 70 | 14 | 10 | -16.52 | No Change; No Repair Needed; Fair |
| GRNVL64R | 5/28/2014 11:05 | 61.7 | 36 | 0.3 | 2 | -17.26 | -17.56 | 89 | 0 | 0 | -17.56 | No Change; No Repair Needed; Good |
| GRNVLHW1 | 3/11/2014 10:50 | 45.8 | 29 | 4.7 | 20.5 | -0.01 | -0.01 | 50 | 10 | 5 | -6.95 | No Change; None; Fair |
| GRNVLHW1 | 3/26/2014 10:12 | 34 | 27.6 | 6.8 | 31.6 | -0.01 | -0.02 | 48 | 4 | 7 | -13.59 | No Change; None; Fair |
| GRNVLHW1 | 3/26/2014 10:13 | 33 | 27.1 | 7 | 32.9 | -0.03 | -0.02 | 48 | 5 | 7 | -13.46 | 2nd Reading; None; Fair |
| GRNVLHW1 | 4/9/2014 9:24 | 30.6 | 22.8 | 7.9 | 38.7 | -0.05 | -0.02 | 55 | 8 | 6 | -15.44 | Slightly Closed; No Repair Needed; Fair |
| GRNVLHW1 | 4/9/2014 9:25 | 31.2 | 22.8 | 8 | 38 | -0.02 | -0.02 | 54 | 6 | 7 | -15.31 | 2nd Reading; No Repair Needed; Fair |
| GRNVLHW1 | 4/24/2014 8:52 | 63.9 | 35.3 | 0 | 0.8 | -0.02 | -0.02 | 55 | 9 | 10 | -12.68 | No Change; No Repair Needed; Good |
| GRNVLHW1 | 5/29/2014 9:58 | 30.5 | 25.2 | 4.5 | 39.8 | -0.05 | -0.06 | 72 | 13 | 10 | -18.77 | No Change; No Repair Needed; Good |
| GRNVLHW1 | 6/9/2014 12:13 | 25.7 | 23.8 | 4 | 46.5 | -0.04 | -0.03 | 76 | 13 | 9 | -17.99 | No Change; No Repair Needed; Fair |
| GRNVLHW1 | 6/24/2014 9:17 | 27.9 | 27.4 | 1.7 | 43 | -0.05 | -0.04 | 81 | 7 | 8 | -16.31 | No Change; No Repair Needed; Fair |
| 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 |
| 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| GRNVLHW2 | 3/11/2014 10:39 | 10 | 16.2 | 16.8 | 57 | -0.15 | -0.14 | 69 | 0 | 0 | -7.16 | Slightly Closed; None; Fair |
| GRNVLHW2 | 3/11/2014 10:40 | 8.5 | 7.1 | 18.4 | 66 | -0.15 | -0.16 | 70 | 2 | 2 | -7.25 | 2nd Reading; None; Fair |
| GRNVLHW2 | 3/26/2014 9:59 | 32.4 | 26.1 | 8.5 | 33 | -0.01 | -0.01 | 40 | 0 | 2 | -13.98 | No Change; None; Fair |
| GRNVLHW2 | 3/26/2014 9:59 | 32.9 | 24.1 | 8.7 | 34.3 | -0.02 | -0.02 | 44 | 5 | 5 | -13.98 | 2nd Reading; None; Fair |
| GRNVLHW2 | 4/9/2014 9:10 | 3 | 2.5 | 20.7 | 73.8 | -0.04 | -0.04 | 62 | 0 | 0 | -15.14 | No Change; No Repair Needed; Fair |
| GRNVLHW2 | 4/9/2014 9:11 | 3.3 | 2 | 20.9 | 73.8 | -0.03 | -0.03 | 64 | 2 | 4 | -14.88 | 2nd Reading; No Repair Needed; Fair |
| GRNVLHW2 | 4/24/2014 8:48 | 58.2 | 36.6 | 0.6 | 4.6 | -0.03 | -0.01 | 51 | 8 | 8 | -13.5 | No Change; No Repair Needed; Good |
| GRNVLHW2 | 5/29/2014 9:39 | 11.8 | 13.1 | 12.1 | 63 | -0.03 | -0.04 | 74 | 8 | 7 | -19.28 | Slightly Closed; No Repair Needed; Fair |
| GRNVLHW2 | 5/29/2014 9:40 | 11.5 | 12.1 | 12.5 | 63.9 | -0.03 | -0.03 | 72 | 8 | 7 | -19.28 | 2nd Reading; No Repair Needed; Fair |
| GRNVLHW2 | 6/9/2014 12:00 | 11.3 | 13.2 | 12.2 | 63.3 | -0.01 | -0.02 | 78 | 5 | 4 | -18.38 | Slightly Closed; No Repair Needed; Fair |
| GRNVLHW2 | 6/9/2014 12:01 | 11 | 11.7 | 12.3 | 65 | -0.02 | -0.02 | 77 | 6 | 6 | -18.38 | 2nd Reading; No Repair Needed; Fair |
| GRNVLHW2 | 6/24/2014 9:03 | 38.7 | 28.4 | 4.5 | 28.4 | -0.01 | -0.01 | 83 | 6 | 4 | -13.07 | No Change; No Repair Needed; Fair |
| 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 |
| GRNVLHW3 | 3/11/2014 9:04 | 65.3 | 34.7 | 0 | 0 | -2.85 | -3.05 | 55 | 20 | 15 | -5.09 | No Change; None; Good |
| GRNVLHW3 | 3/26/2014 8:05 | 42.3 | 25.1 | 5.7 | 26.9 | -5.87 | -4.75 | 52 | 17 | 7 | -7.25 | Slightly Closed; None; Good |
| GRNVLHW3 | 3/26/2014 8:06 | 42.7 | 26.9 | 5.7 | 24.7 | -3.38 | -3.34 | 48 | 6 | 6 | -12.77 | 2nd Reading; None; Good |
| GRNVLHW3 | 3/26/2014 13:27 | 62 | 34.7 | 0.2 | 3.1 | 0.31 | -0.04 | 56 | 6 | 9 | -16.57 | Slightly Open; None; Good |
| GRNVLHW3 | 3/26/2014 13:28 | 61.5 | 35.3 | 0 | 3.2 | -0.41 | -0.39 | 57 | 7 | 7 | -16.18 | 2nd Reading; None; Good |
| GRNVLHW3 | 4/9/2014 7:33 | 62.5 | 36.2 | 0.2 | 1.1 | -0.61 | -0.73 | 57 | 11 | 9 | -15.14 | Slightly Open; No Repair Needed; Good |
| GRNVLHW3 | 4/9/2014 7:34 | 62.8 | 35.4 | 0.1 | 1.7 | -1.05 | -1.06 | 58 | 12 | 9 | -14.41 | 2nd Reading; No Repair Needed; Good |
| GRNVLHW3 | 5/29/2014 9:14 | 62.2 | 37.8 | 0 | 0 | 1.62 | 1.62 | 74 | 5 | 5 | -0.3 | No Change; No Repair Needed; Good |
| GRNVLHW3 | 5/29/2014 9:15 | 61 | 39 | 0 | 0 | 1.62 | 1.62 | 74 | 7 | 5 | -0.3 | 2nd Reading; No Repair Needed; Good |
| GRNVLHW3 | 6/9/2014 8:51 | 39.1 | 26.4 | 4.2 | 30.3 | -15.14 | -10.66 | 78 | 60 | 18 | -19.84 | Slightly Closed; No Repair Needed; Good |
| GRNVLHW3 | 6/9/2014 8:52 | 40.1 | 27 | 4.1 | 28.8 | -5.87 | -5.87 | 78 | 17 | 14 | -20.36 | 2nd Reading; No Repair Needed; Good |
| GRNVLHW3 | 6/9/2014 13:44 | 34.6 | 22.3 | 6.3 | 36.8 | -3.93 | -2.53 | 81 | 18 | 5 | -20.75 | Slightly Closed; No Repair Needed; Fair |
| GRNVLHW3 | 6/9/2014 13:45 | 34.7 | 22.8 | 6.3 | 36.2 | -1.4 | -1.38 | 82 | 7 | 5 | -21.1 | 2nd Reading; No Repair Needed; Fair |
| GRNVLHW3 | 6/24/2014 7:17 | 61.2 | 38.8 | 0 | 0 | 0.3 | -0.02 | 79 | 7 | 5 | -20.84 | Slightly Open; No Repair Needed; Good |
| GRNVLHW3 | 6/24/2014 7:18 | 62 | 38 | 0 | 0 | -0.14 | -0.12 | 81 | 7 | 11 | -21.1 | 2nd Reading; No Repair Needed; Good |
| 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 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 |
| 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 |
| GRNVLHW4 | 3/11/2014 9:06 | 62.5 | 37.5 | 0 | 0 | -3.82 | -3.86 | 57 | 12 | 14 | -5.91 | No Change; None; Good |
| GRNVLHW4 | 3/26/2014 8:09 | 32.9 | 24.6 | 9 | 33.5 | -9.62 | -8.28 | 56 | 14 | 5 | -12.34 | Slightly Closed; None; Good |
| GRNVLHW4 | 3/26/2014 8:10 | 45.1 | 28.5 | 4.7 | 21.7 | -6.17 | -5.87 | 52 | 6 | 9 | -13.37 | 2nd Reading; None; Good |
| GRNVLHW4 | 3/26/2014 13:31 | 55.2 | 34.5 | 1.6 | 8.7 | -0.02 | -0.01 | 59 | 7 | 7 | -17.13 | No Change; None; Good |
| GRNVLHW4 | 4/9/2014 7:37 | 57.7 | 36.4 | 1 | 4.9 | -0.87 | -0.84 | 59 | 10 | 12 | -20.79 | No Change; No Repair Needed; Good |
| GRNVLHW4 | 5/29/2014 9:18 | 60.7 | 39.3 | 0 | 0 | 1.87 | 1.87 | 75 | 8 | 9 | 0 | No Change; No Repair Needed; Good |
| GRNVLHW4 | 5/29/2014 9:19 | 61.3 | 38.7 | 0 | 0 | 1.89 | 1.88 | 75 | 0 | 10 | -0.17 | 2nd Reading; No Repair Needed; Good |
| GRNVLHW4 | 6/9/2014 9:01 | 43.1 | 31.4 | 1.8 | 23.7 | -19.89 | -19.28 | 80 | 26 | 20 | -19.67 | Slightly Closed; No Repair Needed; Good |
| GRNVLHW4 | 6/9/2014 9:02 | 44.8 | 33 | 1.9 | 20.3 | -18.94 | -18.94 | 80 | 20 | 20 | -20.28 | 2nd Reading; No Repair Needed; Good |
| GRNVLHW4 | 6/9/2014 10:03 | 33.9 | 28.8 | 4.8 | 32.5 | -19.33 | -16.13 | 81 | 22 | 6 | -20.58 | Slightly Closed; No Repair Needed; Good |
| GRNVLHW4 | 6/9/2014 10:03 | 32.4 | 26.9 | 6.1 | 34.6 | -13.76 | -13.68 | 81 | 10 | 4 | -20.71 | Slightly Closed; No Repair Needed; Fair |
| GRNVLHW4 | 6/9/2014 10:05 | 32.4 | 27.2 | 5.6 | 34.8 | -11.35 | -11.35 | 81 | 8 | 10 | -20.75 | 2nd Reading; No Repair Needed; Fair |
| GRNVLHW4 | 6/9/2014 13:52 | 51.2 | 37.1 | 0.5 | 11.2 | -0.89 | -0.9 | 84 | 10 | 11 | -20.75 | No Change; No Repair Needed; Good |
| GRNVLHW4 | 6/24/2014 7:27 | 57.1 | 38.4 | 0 | 4.5 | -0.69 | -0.82 | 84 | 11 | 9 | -20.58 | Slightly Open; No Repair Needed; Good |
| GRNVLHW4 | 6/24/2014 7:28 | 56.9 | 38.1 | 0 | 5 | -1.32 | -1.41 | 84 | 14 | 13 | -21.23 | 2nd Reading; 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| GRNVLHW5 | 3/11/2014 9:09 | 63.1 | 36.5 | 0.2 | 0.2 | -5.82 | -5.82 | 47 | 47 | 42 | -10.87 | No Change; None; Good |
| GRNVLHW5 | 3/26/2014 8:14 | 38.7 | 27.3 | 7.1 | 26.9 | -6.86 | -2.87 | 51 | 49 | 20 | -13.63 | Slightly Closed; None; Good |
| GRNVLHW5 | 3/26/2014 8:16 | 39.4 | 26.3 | 7.1 | 27.2 | -0.88 | -0.86 | 49 | 9 | 7 | -14.5 | 2nd Reading; None; Good |
| GRNVLHW5 | 3/26/2014 13:34 | 63.5 | 35.8 | 0 | 0.7 | 0.12 | -0.04 | 53 | 39 | 41 | -17.43 | Slightly Open; None; Good |
| GRNVLHW5 | 3/26/2014 13:35 | 62.5 | 35.8 | 0 | 1.7 | -0.09 | -0.08 | 53 | 12 | 14 | -17.52 | 2nd Reading; None; Good |
| GRNVLHW5 | 4/9/2014 7:40 | 61.9 | 35.8 | 0.2 | 2.1 | -0.26 | -0.47 | 53 | 12 | 16 | -17.08 | Slightly Open; No Repair Needed; Good |
| GRNVLHW5 | 4/9/2014 7:41 | 62.1 | 37.7 | 0.2 | 0 | -0.67 | -0.67 | 53 | 17 | 16 | -16.87 | 2nd Reading; No Repair Needed; Good |
| GRNVLHW5 | 5/29/2014 9:21 | 62.9 | 37.1 | 0 | 0 | 0.17 | 0.16 | 76 | 5 | 5 | -0.35 | No Change; No Repair Needed; Good |
| GRNVLHW5 | 5/29/2014 9:22 | 63.4 | 36.6 | 0 | 0 | 0.16 | 0.16 | 76 | 8 | 7 | -0.3 | 2nd Reading; No Repair Needed; Good |
| GRNVLHW5 | 6/9/2014 9:05 | 22.5 | 16.7 | 12.2 | 48.6 | -1.35 | -0.2 | 81 | 35 | 8 | -19.84 | Slightly Closed; No Repair Needed; Fair |
| GRNVLHW5 | 6/9/2014 9:06 | 21.6 | 15.2 | 12.5 | 50.7 | -0.01 | -0.01 | 80 | 8 | 6 | -20.1 | 2nd Reading; No Repair Needed; Good |
| GRNVLHW5 | 6/9/2014 13:57 | 43.5 | 27.5 | 4.4 | 24.6 | -0.02 | -0.05 | 84 | 6 | 10 | -20.79 | No Change; No Repair Needed; Good |
| GRNVLHW5 | 6/24/2014 7:35 | 33.7 | 23.8 | 7.2 | 35.3 | -0.04 | -0.03 | 83 | 13 | 5 | -21.35 | Slightly Closed; No Repair Needed; Fair |
| GRNVLHW5 | 6/24/2014 7:36 | 33.2 | 22.8 | 7.4 | 36.6 | -0.01 | -0.02 | 84 | 7 | 7 | -21.05 | 2nd Reading; No Repair Needed; Fair |
| GRNVLHW5 | 6/24/2014 12:29 | 42.1 | 27.4 | 4.2 | 26.3 | -0.02 | -0.01 | 92 | 12 | 10 | -20.71 | No Change; No Repair Needed; Fair |
| 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 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 |
| GRNVLHW6 | 3/11/2014 9:12 | 63.1 | 36.6 | 0.3 | 0 | -5.48 | -5.48 | 51 | 26 | 24 | -11.95 | No Change; None; Good |
| GRNVLHW6 | 3/26/2014 8:20 | 20.8 | 16.6 | 12.4 | 50.2 | -5.52 | -3.32 | 53 | 37 | 5 | -13.98 | Slightly Closed; None; Good |
| GRNVLHW6 | 3/26/2014 8:21 | 24.8 | 17.1 | 11.1 | 47 | -1.61 | -1.59 | 49 | 7 | 6 | -15.49 | 2nd Reading; None; Good |
| GRNVLHW6 | 3/26/2014 13:40 | 61.7 | 38 | 0.1 | 0.2 | 0.36 | -0.01 | 53 | 7 | 7 | -17.13 | Slightly Open; None; Good |
| GRNVLHW6 | 3/26/2014 13:41 | 57.7 | 35.7 | 0.4 | 6.2 | -0.03 | -0.03 | 54 | 14 | 14 | -17.52 | 2nd Reading; None; Good |
| GRNVLHW6 | 4/9/2014 7:45 | 59 | 35.7 | 0.8 | 4.5 | -0.27 | -0.38 | 54 | 10 | 9 | -16.87 | Slightly Open; No Repair Needed; Good |
| GRNVLHW6 | 4/9/2014 7:46 | 58.3 | 35.2 | 0.8 | 5.7 | -0.66 | -0.71 | 55 | 16 | 12 | -16.65 | 2nd Reading; No Repair Needed; Good |
| GRNVLHW6 | 5/29/2014 9:25 | 64.7 | 35.3 | 0 | 0 | 0.28 | 0.28 | 76 | 5 | 6 | -0.3 | No Change; No Repair Needed; Good |
| GRNVLHW6 | 5/29/2014 9:25 | 62.7 | 37.3 | 0 | 0 | 0.28 | 0.27 | 76 | 9 | 8 | -0.3 | 2nd Reading; No Repair Needed; Good |
| GRNVLHW6 | 6/9/2014 10:19 | 20.7 | 16.7 | 11.5 | 51.1 | -2.69 | -1.32 | 83 | 28 | 11 | -20.23 | Slightly Closed; No Repair Needed; Fair |
| GRNVLHW6 | 6/9/2014 10:20 | 20.1 | 16.2 | 11.8 | 51.9 | -0.35 | -0.34 | 83 | 9 | 6 | -20.71 | 2nd Reading; No Repair Needed; Fair |
| GRNVLHW6 | 6/9/2014 14:03 | 60.5 | 37.5 | 0 | 2 | 0.22 | -0.11 | 85 | 8 | 13 | -21.01 | Slightly Open; No Repair Needed; Good |
| GRNVLHW6 | 6/9/2014 14:04 | 60.7 | 39.2 | 0 | 0.1 | -0.3 | -0.29 | 85 | 12 | 19 | -20.62 | 2nd Reading; No Repair Needed; Good |
| GRNVLHW6 | 6/24/2014 7:53 | 30.2 | 22.8 | 7.7 | 39.3 | -0.23 | -0.07 | 85 | 13 | 7 | -15.96 | Slightly Closed; No Repair Needed; Fair |
| GRNVLHW6 | 6/24/2014 7:55 | 29.6 | 21.8 | 7.9 | 40.7 | -0.03 | -0.01 | 84 | 6 | 6 | -15.14 | 2nd Reading; No Repair Needed; Fair |
| GRNVLHW6 | 6/24/2014 12:32 | 41.8 | 28.8 | 3.8 | 25.6 | -0.04 | -0.06 | 91 | 10 | 9 | -20.97 | 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 |
| 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 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 |
| GRNVLHW7 | 6/9/2014 9:54 | 22.2 | 20.3 | 11.6 | 45.9 | -7.89 | -0.26 | 89 | 170 | 36 | -17.47 | Slightly Closed; No Repair Needed; Fair |
| GRNVLHW7 | 6/9/2014 9:55 | 30.5 | 24.3 | 8.2 | 37 | -0.25 | -0.23 | 90 | 36 | 31 | -21.23 | 2nd Reading; No Repair Needed; Fair |
| GRNVLHW7 | 6/9/2014 13:47 | 55.7 | 37.6 | 0.6 | 6.1 | -0.27 | -0.24 | 90 | 36 | 31 | -21.18 | No Change; No Repair Needed; Good |
| GRNVLHW7 | 6/24/2014 7:21 | 59 | 39.7 | 0 | 1.3 | -0.31 | -0.5 | 90 | 44 | 51 | -20.84 | Slightly Open; No Repair Needed; Good |
| GRNVLHW7 | 6/24/2014 7:22 | 59.3 | 39.6 | 0 | 1.1 | -0.49 | -0.49 | 90 | 46 | 51 | -21.27 | 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 |

# Green Valley Landfill
## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| GRNVLHW8 | 6/9/2014 10:08 | 58.1 | 39.1 | 0.4 | 2.4 | 0.09 | -0.12 | 88 | 15 | 19 | -20.71 | Slightly Open; No Repair Needed; Good |
| GRNVLHW8 | 6/9/2014 10:09 | 57.3 | 41.2 | 0.3 | 1.2 | -0.12 | -0.05 | 88 | 23 | 20 | -20.28 | 2nd Reading; No Repair Needed; Good |
| GRNVLHW8 | 6/9/2014 13:55 | 56.1 | 39.5 | 0.6 | 3.8 | -0.09 | -0.07 | 90 | 18 | 25 | -20.84 | No Change; No Repair Needed; Good |
| GRNVLHW8 | 6/24/2014 7:31 | 57.6 | 39.9 | 0.2 | 2.3 | -0.08 | -0.14 | 90 | 25 | 24 | -20.84 | Slightly Open; No Repair Needed; Good |
| GRNVLHW8 | 6/24/2014 7:32 | 56.8 | 40 | 0.2 | 3 | -0.07 | -0.15 | 91 | 27 | 30 | -21.14 | 2nd Reading; 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 |
| 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 |
| GRNVLPW1 | 6/9/2014 8:55 | 60.3 | 36.3 | 0 | 3.4 | -20.45 | -20.45 | 90 | 27 | 26 | -20.06 | No Change; No Repair Needed; Good |
| GRNVLPW1 | 6/9/2014 13:41 | 60 | 37.3 | 0 | 2.7 | -20.79 | -20.97 | 94 | 18 | 14 | -20.79 | No Change; No Repair Needed; Good |
| GRNVLPW1 | 6/24/2014 7:14 | 56.8 | 35 | 0.7 | 7.5 | -18.25 | -18.25 | 86 | 12 | 11 | -17.9 | No Change; No Repair Needed; Good; needs |
| 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 |
| 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 |
| 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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; |
| 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; |
| GRNVLPW1 | 1/8/2015 8:30 | 37 | 26 | 7.9 | 29.1 | -0.88 | | 6 | 12 | | -24.43 | 2nd Reading; Pump Maintenance Required; |
| 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; |
| GRNVLPW1 | 2/3/2015 8:12 | 51.1 | 32.4 | 3 | 13.5 | -1.32 | | 30 | 9 | | -26.59 | No Change; Pump Maintenance Required; |
| 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; |
| 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; |
| 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 |
| GRNVLPW2 | 6/9/2014 9:59 | 58.7 | 40.7 | 0.6 | 0 | -19.28 | -19.24 | 97 | 30 | 31 | -20.66 | No Change; No Repair Needed; Good |
| GRNVLPW2 | 6/9/2014 13:50 | 59.7 | 40.3 | 0 | 0 | -19.33 | -19.59 | 98 | 34 | 28 | -20.75 | No Change; No Repair Needed; Good |
| GRNVLPW2 | 6/24/2014 7:25 | 59.9 | 39.4 | 0 | 0.7 | -19.67 | -19.28 | 97 | 21 | 25 | -20.92 | No Change; No Repair Needed; Good; needs |
| 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 |
| 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; |
| 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; |
| 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 |
| GRNVLY01 | 3/11/2014 13:08 | 62.4 | 36.2 | 0 | 1.4 | -4.8 | -4.83 | 98 | 10 | 9 | -6.9 | No Change; None; Good |
| GRNVLY01 | 3/26/2014 12:49 | 61.3 | 36.9 | 0 | 1.8 | -10.31 | -10.66 | 100 | 12 | 11 | -15.88 | No Change; None; Good |
| GRNVLY01 | 4/9/2014 11:58 | 58.4 | 37.1 | 0 | 4.5 | -12.08 | -12.42 | 101 | 15 | 13 | -16.61 | Slightly Open; No Repair Needed; Good |
| GRNVLY01 | 4/9/2014 11:59 | 58.5 | 36.8 | 0 | 4.7 | -13.03 | -12.99 | 102 | 16 | 13 | -16.05 | 2nd Reading; No Repair Needed; Good |
| GRNVLY01 | 5/29/2014 13:29 | 53.2 | 34.7 | 0 | 12.1 | -17.21 | -17.17 | 104 | 19 | 17 | -21.7 | No Change; No Repair Needed; Good |
| GRNVLY01 | 6/9/2014 13:27 | 50.6 | 34.8 | 0 | 14.6 | -15.4 | -15.4 | 105 | 12 | 13 | -19.24 | No Change; No Repair Needed; Good |
| GRNVLY01 | 6/24/2014 12:12 | 50.5 | 35.5 | 0 | 14 | -14.84 | -14.84 | 105 | 13 | 19 | -19.41 | No Change; No Repair Needed; Good |

# Green Valley Landfill
## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |
| GRNVLY02 | 3/11/2014 13:11 | 61.9 | 36.5 | 0 | 1.6 | -5.82 | -5.82 | 104 | 14 | 13 | -6.56 | No Change; None; Good |
| GRNVLY02 | 3/26/2014 12:52 | 60 | 35.8 | 0 | 4.2 | -12.86 | -12.73 | 106 | 20 | 21 | -15.57 | No Change; None; Good |
| GRNVLY02 | 4/9/2014 12:02 | 60.4 | 36.7 | 0 | 2.9 | -13.68 | -14.06 | 107 | 16 | 20 | -15.96 | Slightly Open; No Repair Needed; Good |
| GRNVLY02 | 4/9/2014 12:03 | 60.8 | 38 | 0 | 1.2 | -14.37 | -14.24 | 107 | 21 | 20 | -16.57 | 2nd Reading; No Repair Needed; Good |
| GRNVLY02 | 5/29/2014 13:32 | 54.2 | 35 | 0 | 10.8 | -18.21 | -18.21 | 110 | 28 | 27 | -20.92 | No Change; No Repair Needed; Good |
| GRNVLY02 | 6/9/2014 13:30 | 52.9 | 34.5 | 0 | 12.6 | -16.48 | -16.48 | 110 | 25 | 24 | -19.07 | No Change; No Repair Needed; Good |
| GRNVLY02 | 6/24/2014 12:15 | 53.4 | 34.5 | 0 | 12.1 | -16.22 | -16.22 | 111 | 27 | 26 | -19.63 | 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 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 |
| GRNVLY03 | 3/11/2014 10:33 | 61.6 | 38.4 | 0 | 0 | -7.16 | -7.16 | 94 | 13 | 13 | -7.29 | No Change; None; Good |
| GRNVLY03 | 3/26/2014 9:53 | 62.4 | 36.4 | 0 | 1.2 | -13.93 | -14.11 | 86 | 8 | 6 | -14.62 | No Change; None; Good |
| GRNVLY03 | 4/9/2014 9:05 | 62.2 | 37.8 | 0 | 0 | -15.79 | -15.79 | 85 | 2 | 3 | -16.09 | No Change; No Repair Needed; Good |
| GRNVLY03 | 5/29/2014 9:32 | 62.2 | 37.3 | 0 | 0.5 | -19.93 | -19.93 | 106 | 10 | 10 | -20.45 | No Change; No Repair Needed; Good |
| GRNVLY03 | 6/9/2014 11:56 | 60.9 | 37.9 | 0 | 1.2 | -18.55 | -18.55 | 106 | 13 | 10 | -19.03 | No Change; No Repair Needed; Good |
| GRNVLY03 | 6/24/2014 8:58 | 60.5 | 37.5 | 0 | 2 | -13.46 | -13.46 | 99 | 7 | 11 | -13.55 | 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 |
| GRNVLY04 | 3/11/2014 13:14 | 46.2 | 34 | 1.4 | 18.4 | -2.43 | -2.41 | 116 | 21 | 18 | -5.91 | No Change; None; Good; 842740 |
| GRNVLY04 | 3/26/2014 12:55 | 48.2 | 32.6 | 1.2 | 18 | -4.92 | -4.5 | 117 | 34 | 25 | -14.71 | Slightly Closed; None; Good; 882520 |
| GRNVLY04 | 3/26/2014 12:56 | 48.5 | 33 | 1.6 | 16.9 | -4.21 | -4.17 | 116 | 20 | 22 | -15.1 | 2nd Reading; None; Good |
| GRNVLY04 | 4/9/2014 12:06 | 51.6 | 34.8 | 1 | 12.6 | -4.62 | -4.63 | 115 | 20 | 21 | -15.92 | No Change; No Repair Needed; Good; 920916 |
| GRNVLY04 | 5/29/2014 13:36 | 23.2 | 22.8 | 6.2 | 47.8 | -8.24 | -7.85 | 114 | 25 | 12 | -21.92 | Slightly Closed; No Repair Needed; Fair; |
| GRNVLY04 | 5/29/2014 13:37 | 18.7 | 18.3 | 9.2 | 53.8 | -7.16 | -7.16 | 109 | 13 | 10 | -20.66 | 2nd Reading; No Repair Needed; Fair |

# Green Valley Landfill
## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 6/9/2014 13:35 | 23.2 | 21.3 | 4.9 | 50.6 | -8.54 | -8.24 | 114 | 0 | 0 | -18.33 | No Change; No Repair Needed; Fair; valve barely cracked; 16305 |
| GRNVLY04 | 6/24/2014 12:21 | 25 | 22.3 | 4.9 | 47.8 | -7.64 | -7.64 | 115 | 5 | 5 | -18.81 | No Change; No Repair Needed; Fair; 53123; valve barely cracked; well influence |
| 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 |
| 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 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 | 3/11/2014 10:48 | 57.6 | 36.5 | 0.7 | 5.2 | -7.51 | -7.51 | 81 | 7 | 8 | -6.95 | No Change; None; Good |
| GRNVLY12 | 3/26/2014 10:10 | 54 | 34.6 | 0.6 | 10.8 | -13.55 | -13.59 | 77 | 40 | 39 | -13.42 | No Change; None; Good |
| GRNVLY12 | 4/9/2014 9:20 | 57.7 | 35 | 0.7 | 6.6 | -15.44 | -15.49 | 90 | 16 | 18 | -15.44 | No Change; No Repair Needed; Good |
| GRNVLY12 | 5/29/2014 9:50 | 54.6 | 36.8 | 0.2 | 8.4 | -18.55 | -18.59 | 97 | 0 | 0 | -18.94 | No Change; No Repair Needed; Good |
| GRNVLY12 | 6/9/2014 12:09 | 51.8 | 36.5 | 0.1 | 11.6 | -17.52 | -17.52 | 99 | 0 | 0 | -17.3 | No Change; No Repair Needed; Good; needs wellhead |
| GRNVLY12 | 6/24/2014 9:12 | 52.1 | 36.5 | 0.1 | 11.3 | -16.18 | -16.18 | 98 | 0 | 0 | -16.22 | No Change; No Repair Needed; Fair |
| 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 |
| GRNVLY16 | 3/11/2014 12:12 | 58.4 | 35.9 | 0 | 5.7 | -7.51 | -7.25 | 93 | 34 | 36 | -7.25 | No Change; None; Good |
| GRNVLY16 | 3/26/2014 11:49 | 58.6 | 35.7 | 0 | 5.7 | -13.76 | -13.76 | 89 | 24 | 24 | -13.76 | No Change; None; Good |
| GRNVLY16 | 4/9/2014 9:57 | 58.9 | 36.4 | 0 | 4.7 | -15.79 | -15.79 | 91 | 22 | 24 | -15.83 | No Change; No Repair Needed; Good |
| GRNVLY16 | 5/29/2014 10:30 | 60.4 | 36.8 | 0 | 2.8 | -16.61 | -16.91 | 100 | 18 | 19 | -16.87 | No Change; No Repair Needed; Good |
| GRNVLY16 | 6/9/2014 12:37 | 53.4 | 36 | 0 | 10.6 | -13.72 | -13.72 | 101 | 14 | 12 | -13.85 | No Change; No Repair Needed; Good |
| GRNVLY16 | 6/24/2014 10:13 | 51.2 | 36 | 0 | 12.8 | -16.05 | -16.13 | 103 | 20 | 18 | -16.18 | No Change; No Repair Needed; Good |
| 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| GRNVLY19 | 3/11/2014 11:04 | 62.1 | 37.4 | 0 | 0.5 | -1.07 | -1.07 | 88 | 31 | 31 | -6.26 | No Change; None; Good |
| GRNVLY19 | 3/26/2014 10:28 | 58.4 | 36.4 | 0 | 5.2 | -7.59 | -7.59 | 89 | 12 | 11 | -13.42 | No Change; None; Good |
| GRNVLY19 | 4/9/2014 9:40 | 59.7 | 36 | 0 | 4.3 | -9.97 | -10.91 | 91 | 12 | 14 | -17.3 | Slightly Open; No Repair Needed; Good |
| GRNVLY19 | 4/9/2014 9:41 | 60 | 38.5 | 0 | 1.5 | -11.3 | -11.3 | 92 | 14 | 21 | -17.52 | 2nd Reading; No Repair Needed; Good |
| GRNVLY19 | 5/29/2014 10:11 | 53.1 | 35.3 | 0 | 11.6 | -9.71 | -9.66 | 97 | 31 | 28 | -16.91 | No Change; No Repair Needed; Good |
| GRNVLY19 | 6/9/2014 12:23 | 49.4 | 35.5 | 0 | 15.1 | -8.89 | -8.89 | 98 | 17 | 13 | -14.93 | No Change; No Repair Needed; Good |
| GRNVLY19 | 6/24/2014 9:58 | 50.5 | 36.5 | 0 | 13 | -6.86 | -6.86 | 99 | 17 | 15 | -12.17 | 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 |
| 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 |

# Green Valley Landfill
## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 3/18/2015 9:37 | 61 | 35.7 | 0.3 | 3 | -11.69 | | 89 | 12 | | -14.89 | No Change; No Repair Needed; Good |
| GRNVLY20 | 3/11/2014 12:00 | 61.9 | 36.8 | 0 | 1.3 | -0.24 | -0.12 | 100 | 67 | 72 | -6.56 | No Change; None; Good |
| GRNVLY20 | 3/26/2014 11:36 | 48.5 | 29.7 | 0.4 | 21.4 | -8.58 | -8.41 | 109 | 67 | 60 | -14.11 | Slightly Closed; None; Good |
| GRNVLY20 | 3/26/2014 11:36 | 48.4 | 34 | 0 | 17.6 | -8.58 | -8.28 | 109 | 52 | 60 | -14.11 | 2nd Reading; None; Good |
| GRNVLY20 | 4/9/2014 9:44 | 49.3 | 34.7 | 0 | 16 | -10.27 | -10.53 | 110 | 60 | 68 | -18.85 | No Change; No Repair Needed; Good |
| GRNVLY20 | 5/29/2014 10:15 | 49.5 | 35.8 | 0 | 14.7 | -7.98 | -7.59 | 110 | 63 | 53 | -17.52 | No Change; No Repair Needed; Good |
| GRNVLY20 | 6/9/2014 12:25 | 46.1 | 36.3 | 0 | 17.6 | -6.82 | -6.13 | 110 | 49 | 45 | -14.88 | Slightly Closed; No Repair Needed; Good |
| GRNVLY20 | 6/9/2014 12:26 | 46.4 | 35.5 | 0 | 18.1 | -6.13 | -6.13 | 110 | 40 | 42 | -14.71 | 2nd Reading; No Repair Needed; Good |
| GRNVLY20 | 6/24/2014 10:00 | 51.7 | 35.7 | 0 | 12.6 | -3.79 | -3.66 | 109 | 38 | 35 | -12.77 | No Change; 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 |
| GRNVLY21 | 3/11/2014 12:03 | 62.3 | 37 | 0.1 | 0.6 | -4.34 | -4.27 | 101 | 26 | 25 | -5.18 | No Change; None; Good; 66 |
| GRNVLY21 | 3/26/2014 11:40 | 59.4 | 36.4 | 0.2 | 4 | -12.55 | -12.55 | 100 | 27 | 27 | -13.68 | No Change; None; Good; 66 |
| GRNVLY21 | 4/9/2014 9:47 | 61.1 | 37 | 0.2 | 1.7 | -16.7 | -16.74 | 101 | 32 | 31 | -17.13 | No Change; No Repair Needed; Good; 66 |
| GRNVLY21 | 5/29/2014 10:19 | 58.5 | 36.6 | 0.1 | 4.8 | -15.88 | -15.53 | 102 | 36 | 26 | -16.61 | No Change; No Repair Needed; Good |
| GRNVLY21 | 6/9/2014 12:29 | 56.2 | 36.7 | 0.1 | 7 | -14.24 | -14.06 | 102 | 32 | 23 | -14.88 | No Change; No Repair Needed; Good; 66 |
| GRNVLY21 | 6/24/2014 10:03 | 56.2 | 36.7 | 0 | 7.1 | -13.98 | -14.06 | 102 | 32 | 34 | -14.45 | No Change; No Repair Needed; Good; 66 |
| 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| GRNVLY22 | 3/11/2014 12:05 | 62.3 | 37.1 | 0 | 0.6 | -4.57 | -4.62 | 82 | 22 | 20 | -5.18 | No Change; None; Good |
| GRNVLY22 | 3/26/2014 11:43 | 61.1 | 36.5 | 0 | 2.4 | -13.07 | -13.07 | 81 | 18 | 22 | -14.06 | No Change; None; Good |
| GRNVLY22 | 4/9/2014 9:50 | 61.1 | 36.2 | 0 | 2.7 | -15.44 | -15.44 | 81 | 12 | 13 | -15.83 | No Change; No Repair Needed; Good |
| GRNVLY22 | 5/29/2014 10:23 | 60 | 35.9 | 0 | 4.1 | -15.7 | -15.7 | 85 | 28 | 27 | -16.87 | No Change; No Repair Needed; Good |
| GRNVLY22 | 6/9/2014 12:31 | 57 | 37 | 0 | 6 | -13.07 | -13.03 | 85 | 15 | 15 | -13.55 | No Change; No Repair Needed; Good |
| GRNVLY22 | 6/24/2014 10:06 | 54.9 | 35.3 | 0 | 9.8 | -14.32 | -14.15 | 85 | 32 | 31 | -15.88 | No Change; No Repair Needed; Good |
| 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 |
| 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 |
| GRNVLY23 | 3/11/2014 12:09 | 55.1 | 34.6 | 0.2 | 10.1 | -4.56 | -4.63 | 87 | 19 | 26 | -6.6 | No Change; None; Good; needs pump counter |
| GRNVLY23 | 3/26/2014 11:46 | 54.5 | 34.5 | 0.4 | 10.6 | -11 | -11 | 85 | 24 | 28 | -13.81 | No Change; None; Good; needs counter |
| GRNVLY23 | 4/9/2014 9:54 | 56.5 | 34.8 | 0.3 | 8.4 | -13.29 | -13.29 | 85 | 17 | 22 | -15.23 | No Change; No Repair Needed; Good |
| GRNVLY23 | 5/29/2014 10:26 | 57.8 | 35.8 | 0.2 | 6.2 | -12.38 | -12.47 | 88 | 31 | 26 | -16.48 | No Change; No Repair Needed; Good |
| GRNVLY23 | 6/9/2014 12:34 | 50 | 35.8 | 0.1 | 14.1 | -10.27 | -10.31 | 89 | 25 | 20 | -13.2 | No Change; No Repair Needed; Good; 204 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GRNVLY23 | 6/24/2014 10:09 | 47.8 | 35.5 | 0.1 | 16.6 | -10.96 | -9.58 | 89 | 36 | 29 | -15.83 | Slightly Closed; No Repair Needed; Good; 204 |
| GRNVLY23 | 6/24/2014 10:10 | 47.6 | 34.5 | 0.1 | 17.8 | -9.23 | -9.23 | 89 | 22 | 27 | -15.88 | 2nd Reading; 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 |
| GRNVLY24 | 3/11/2014 10:36 | 61.9 | 38.1 | 0 | 0 | -0.19 | -0.18 | 87 | 37 | 37 | -7.42 | No Change; None; Good |
| GRNVLY24 | 3/26/2014 9:56 | 62 | 36.9 | 0 | 1.1 | -2.18 | -2.19 | 84 | 4 | 4 | -14.5 | No Change; None; Good |
| GRNVLY24 | 4/9/2014 9:07 | 57.8 | 35 | 1.2 | 6 | -3.12 | -3.13 | 88 | 8 | 6 | -16.09 | No Change; No Repair Needed; Good |
| GRNVLY24 | 5/29/2014 9:35 | 62 | 36.8 | 0 | 1.2 | -3.21 | -3.52 | 93 | 11 | 14 | -20.32 | Slightly Open; No Repair Needed; Good |
| GRNVLY24 | 5/29/2014 9:36 | 61.8 | 38.2 | 0 | 0 | -3.7 | -3.71 | 95 | 19 | 19 | -20.02 | 2nd Reading; No Repair Needed; Good |
| GRNVLY24 | 6/9/2014 11:58 | 53.2 | 36.5 | 0 | 10.3 | -4.42 | -4.45 | 98 | 19 | 15 | -19.37 | No Change; No Repair Needed; Good |
| GRNVLY24 | 6/24/2014 9:00 | 49.7 | 35.5 | 0 | 14.8 | -3.57 | -3.56 | 96 | 13 | 13 | -13.42 | No Change; No Repair Needed; Good |
| 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 |
| 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 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 |
| 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 |
| GRNVLY25 | 3/11/2014 13:05 | 61.7 | 37.5 | 0 | 0.8 | -0.75 | -0.76 | 91 | 7 | 7 | -5.91 | No Change; None; Good; 162086 |
| GRNVLY25 | 3/26/2014 12:46 | 60.2 | 36.9 | 0 | 2.9 | -2.89 | -2.88 | 86 | 10 | 12 | -15.49 | No Change; None; Good; 164924 |
| GRNVLY25 | 4/9/2014 11:54 | 61.6 | 38.4 | 0 | 0 | -3.65 | -4.14 | 94 | 7 | 2 | -19.89 | Slightly Open; No Repair Needed; Good; |
| GRNVLY25 | 4/9/2014 11:55 | 61.5 | 38.5 | 0 | 0 | -4.42 | -4.41 | 96 | 13 | 10 | -17.21 | 2nd Reading; No Repair Needed; Good |
| GRNVLY25 | 5/29/2014 13:24 | 57.1 | 36.6 | 0.1 | 6.2 | -6.86 | -7.2 | 106 | 12 | 7 | -22.78 | Slightly Open; No Repair Needed; Good; |
| GRNVLY25 | 5/29/2014 13:25 | 57.4 | 39.1 | 0.1 | 3.4 | -8.24 | -8.24 | 107 | 12 | 14 | -22.04 | 2nd Reading; No Repair Needed; Good |
| GRNVLY25 | 6/9/2014 13:24 | 52.7 | 35.3 | 0 | 12 | -8.54 | -8.54 | 107 | 7 | 9 | -19.67 | No Change; No Repair Needed; Good; 173135 |
| GRNVLY25 | 6/24/2014 12:09 | 51.9 | 35.6 | 0 | 12.5 | -7.98 | -7.98 | 109 | 11 | 17 | -18.38 | No Change; No Repair Needed; Good; 175788 |
| 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; |
| 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; |
| 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; |
| 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; |
| 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 |
| 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 |
| GRNVLY28 | 3/11/2014 10:45 | 60.1 | 37.2 | 0.2 | 2.5 | -6.47 | -6.47 | 95 | 16 | 12 | -6.99 | No Change; None; Good; 61743 |
| GRNVLY28 | 3/26/2014 10:05 | 58.4 | 36.6 | 0.2 | 4.8 | -11.56 | -11.6 | 95 | 18 | 24 | -13.76 | No Change; None; Good; 61743 |
| GRNVLY28 | 4/9/2014 9:17 | 59 | 37.1 | 0.1 | 3.8 | -14.19 | -14.5 | 100 | 17 | 38 | -17.95 | Slightly Open; No Repair Needed; Good; |
| GRNVLY28 | 4/9/2014 9:18 | 59.3 | 37.9 | 0.1 | 2.7 | -14.41 | -14.41 | 100 | 32 | 31 | -16.18 | 2nd Reading; No Repair Needed; Good |
| GRNVLY28 | 5/29/2014 9:46 | 57.9 | 38 | 0.1 | 4 | -14.67 | -14.84 | 106 | 22 | 25 | -19.03 | Slightly Open; No Repair Needed; Good; |
| GRNVLY28 | 5/29/2014 9:47 | 57.8 | 38.8 | 0 | 3.4 | -15.19 | -15.19 | 106 | 25 | 26 | -18.64 | 2nd Reading; No Repair Needed; Good |
| GRNVLY28 | 6/9/2014 12:06 | 57.4 | 38 | 0 | 4.6 | -14.41 | -14.41 | 108 | 24 | 23 | -17.69 | No Change; No Repair Needed; Good; 63126 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GRNVLY28 | 6/24/2014 9:08 | 56.9 | 38.1 | 0.1 | 4.9 | -10.74 | -11.04 | 108 | 16 | 20 | -12.42 | Slightly Open; No Repair Needed; Good; |
| GRNVLY28 | 6/24/2014 9:10 | 56.5 | 37.5 | 0 | 6 | -12.42 | -12.42 | 108 | 29 | 26 | -14.8 | 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; |
| 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; |
| 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; |
| 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 |
| GRNVLY29 | 3/11/2014 12:56 | 59.7 | 38.5 | 0 | 1.8 | 0.53 | -0.02 | 92 | 10 | 10 | -5.22 | Slightly Open; None; Good; 107997 |
| GRNVLY29 | 3/11/2014 12:57 | 58.1 | 37.7 | 0.5 | 3.7 | -0.3 | -0.33 | 98 | 10 | 11 | -5.26 | 2nd Reading; None; Good |
| GRNVLY29 | 3/26/2014 12:38 | 40.6 | 31.1 | 2.7 | 25.6 | -2.89 | -2.31 | 97 | 9 | 2 | -14.06 | Slightly Closed; None; Good; 108806 |
| GRNVLY29 | 3/26/2014 12:39 | 37.6 | 30.4 | 3.9 | 28.1 | -1.37 | -1.38 | 92 | 0 | 4 | -14.06 | 2nd Reading; None; Good |
| GRNVLY29 | 4/9/2014 11:46 | 45.6 | 31.5 | 4.6 | 18.3 | -0.95 | -0.97 | 74 | 28 | 29 | -15.27 | No Change; No Repair Needed; Fair; 109583 |
| GRNVLY29 | 5/29/2014 13:17 | 52.5 | 34.7 | 2.1 | 10.7 | -0.21 | -0.21 | 86 | 9 | 11 | -20.92 | No Change; No Repair Needed; Good |
| GRNVLY29 | 6/9/2014 13:18 | 54.9 | 37.2 | 1.8 | 6.1 | -0.1 | -0.09 | 89 | 7 | 6 | -17 | No Change; No Repair Needed; Fair; 110375 |
| GRNVLY29 | 6/24/2014 12:02 | 59.9 | 40.1 | 0 | 0 | 0.02 | -0.06 | 95 | 6 | 4 | -12.81 | Slightly Open; No Repair Needed; Good; |
| GRNVLY29 | 6/24/2014 12:03 | 57.7 | 39.1 | 0.9 | 2.3 | -0.14 | -0.15 | 95 | 10 | 7 | -14.28 | 2nd Reading; No Repair Needed; Good |
| 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; |
| 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; |
| GRNVLY29 | 10/23/2014 11:38 | 0 | 0 | 20.8 | 79.2 | -0.79 |  | 78 | 0 |  | -21.19 | 2nd Reading; Pump Maintenance Required; |
| 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; |
| 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 |

# Green Valley Landfill
## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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; |
| 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; |
| 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; |
| 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; |
| 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 |
| GRNVLY30 | 3/11/2014 10:53 | 61.5 | 35.5 | 0 | 3 | -1.94 | -1.95 | 107 | 14 | 15 | -7.2 | No Change; None; Good |
| GRNVLY30 | 3/26/2014 10:16 | 47.4 | 31.9 | 2.4 | 18.3 | -5.52 | -4.81 | 107 | 10 | 3 | -13.46 | Slightly Closed; None; Good |
| GRNVLY30 | 3/26/2014 10:17 | 47.6 | 31.7 | 2.2 | 18.5 | -4.33 | -4.3 | 100 | 2 | 10 | -13.72 | 2nd Reading; None; Good |
| GRNVLY30 | 4/9/2014 9:28 | 55.4 | 34.4 | 1 | 9.2 | -3.19 | -3.18 | 88 | 4 | 4 | -13.11 | No Change; No Repair Needed; Good |
| GRNVLY30 | 5/29/2014 9:54 | 57.9 | 36.3 | 0.3 | 5.5 | -2.24 | -2.36 | 95 | 6 | 5 | -18.59 | Slightly Open; No Repair Needed; Good |
| GRNVLY30 | 5/29/2014 9:55 | 57.9 | 36.1 | 0.3 | 5.7 | -2.51 | -2.51 | 98 | 37 | 37 | -18.64 | 2nd Reading; No Repair Needed; Good |
| GRNVLY30 | 6/9/2014 12:11 | 48 | 33.9 | 0.9 | 17.2 | -2.63 | -2.63 | 105 | 8 | 8 | -17.13 | No Change; No Repair Needed; Good |
| GRNVLY30 | 6/24/2014 9:15 | 52.2 | 34.7 | 0.3 | 12.8 | -1.55 | -1.56 | 93 | 5 | 6 | -14.75 | No Change; 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 |
| 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 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 |
| GRNVLY31 | 3/11/2014 10:59 | 62.1 | 37.9 | 0 | 0 | -7.16 | -7.16 | 96 | 0 | 0 | -6.9 | No Change; None; Good |
| GRNVLY31 | 3/26/2014 10:23 | 57.5 | 36.3 | 0 | 6.2 | -13.76 | -13.76 | 84 | 0 | 0 | -13.76 | No Change; None; Good |
| GRNVLY31 | 4/9/2014 9:34 | 59 | 35.9 | 0 | 5.1 | -17.43 | -17.43 | 89 | 0 | 0 | -17.47 | No Change; No Repair Needed; Good |
| GRNVLY31 | 5/29/2014 10:05 | 58.7 | 35.8 | 0 | 5.5 | -18.64 | -18.68 | 109 | 12 | 16 | -18.94 | No Change; No Repair Needed; Good |
| GRNVLY31 | 6/9/2014 12:18 | 57.8 | 36.5 | 0 | 5.7 | -17.52 | -17.43 | 109 | 0 | 0 | -17.34 | No Change; No Repair Needed; Good |
| GRNVLY31 | 6/24/2014 9:22 | 59 | 36.7 | 0 | 4.3 | -16.22 | -16.22 | 106 | 0 | 0 | -16.39 | No Change; No Repair Needed; Fair |
| 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 |
| 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 |
| GRNVLY33 | 3/11/2014 12:35 | 56.9 | 33.6 | 0 | 9.5 | -0.02 | -0.02 | 77 | 10 | 10 | -7.33 | No Change; None; Good |
| GRNVLY33 | 3/26/2014 12:13 | 48.2 | 28.1 | 1.4 | 22.3 | -4.37 | -4.32 | 100 | 36 | 33 | -13.11 | Slightly Closed; None; Good |
| GRNVLY33 | 3/26/2014 12:14 | 47.7 | 32.2 | 1.1 | 19 | -4.26 | -4.26 | 100 | 22 | 23 | -13.46 | 2nd Reading; None; Good |
| GRNVLY33 | 4/9/2014 10:21 | 46.1 | 32.4 | 0.7 | 20.8 | -6.82 | -6.82 | 100 | 6 | 4 | -15.83 | Slightly Closed; No Repair Needed; Good |
| GRNVLY33 | 4/9/2014 10:22 | 45.5 | 31.4 | 0.7 | 22.4 | -6.82 | -6.82 | 98 | 7 | 7 | -16.18 | 2nd Reading; No Repair Needed; Good |
| GRNVLY33 | 5/29/2014 13:04 | 16.7 | 25.9 | 0.6 | 56.8 | -4.16 | -4.13 | 95 | 39 | 9 | -17.56 | Slightly Closed; No Repair Needed; Good |
| GRNVLY33 | 5/29/2014 13:05 | 16.2 | 24.9 | 0.7 | 58.2 | -4.09 | -4.09 | 93 | 11 | 11 | -16.87 | 2nd Reading; No Repair Needed; Good |
| GRNVLY33 | 6/9/2014 13:02 | 17.6 | 22.3 | 2.4 | 57.7 | -3.16 | -3.15 | 99 | 6 | 4 | -15.44 | No Change; No Repair Needed; Fair; valve |
| GRNVLY33 | 6/24/2014 10:40 | 17.1 | 19.3 | 3.6 | 60 | -2.57 | -2.45 | 108 | 11 | 9 | -14.8 | Slightly Closed; No Repair Needed; Fair |
| GRNVLY33 | 6/24/2014 10:41 | 19.7 | 22.3 | 3.3 | 54.7 | -2.3 | -2.31 | 103 | 5 | 5 | -13.76 | 2nd Reading; No Repair Needed; Fair |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| GRNVLY34 | 3/11/2014 11:02 | 62.1 | 37.2 | 0 | 0.7 | -0.14 | -0.17 | 86 | 81 | 86 | -6.95 | No Change; None; Good |
| GRNVLY34 | 3/26/2014 10:26 | 52.3 | 35.2 | 0 | 12.5 | -6.21 | -6.21 | 100 | 81 | 82 | -13.98 | No Change; None; Good |
| GRNVLY34 | 4/9/2014 9:37 | 52.5 | 34.7 | 0.4 | 12.4 | -8.54 | -8.54 | 103 | 14 | 11 | -18.46 | No Change; No Repair Needed; Good |
| GRNVLY34 | 5/29/2014 10:08 | 49.8 | 34.1 | 0.1 | 16 | -6.9 | -6.9 | 106 | 23 | 24 | -18.98 | No Change; No Repair Needed; Good |
| GRNVLY34 | 6/9/2014 12:20 | 50.7 | 36 | 0.1 | 13.2 | -6.13 | -6.13 | 106 | 22 | 17 | -16.95 | No Change; No Repair Needed; Good |
| GRNVLY34 | 6/24/2014 9:25 | 51.9 | 34.7 | 0.1 | 13.3 | -5.57 | -5.57 | 107 | 24 | 18 | -17.21 | 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 |
| GRNVLY35 | 3/11/2014 12:30 | 61.8 | 36.3 | 0 | 1.9 | 0.23 | -0.02 | 79 | 7 | 6 | -6.21 | Slightly Open; None; Good; 273 |
| GRNVLY35 | 3/11/2014 12:31 | 61.7 | 36.3 | 0 | 2 | -0.22 | -0.21 | 83 | 9 | 8 | -6.56 | 2nd Reading; None; Good |
| GRNVLY35 | 4/9/2014 10:18 | 53.3 | 30.9 | 1 | 14.8 | -4.81 | -4.78 | 115 | 9 | 6 | -14.8 | No Change; Pump Maintenance Required; |
| GRNVLY35 | 5/29/2014 12:59 | 47.1 | 32.5 | 2.1 | 18.3 | -3.48 | -3.32 | 128 | 37 | 33 | -17.56 | Slightly Closed; No Repair Needed; Good; 274 |
| GRNVLY35 | 5/29/2014 13:00 | 47.4 | 33 | 2.2 | 17.4 | -3.15 | -3.16 | 126 | 12 | 10 | -17.08 | 2nd Reading; No Repair Needed; Good |
| GRNVLY35 | 6/9/2014 12:58 | 49.4 | 33.5 | 1.1 | 16 | -1.9 | -1.91 | 115 | 6 | 8 | -16.7 | No Change; No Repair Needed; Good; 274 |
| GRNVLY35 | 6/24/2014 10:35 | 47.2 | 33.2 | 1.6 | 18 | -1.38 | -1.18 | 121 | 38 | 37 | -16.22 | Slightly Closed; No Repair Needed; Good; 274 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GRNVLY35 | 6/24/2014 10:36 | 46.2 | 33.1 | 1.6 | 19.1 | -1.07 | -1.05 | 119 | 7 | 6 | -15.88 | 2nd Reading; 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 |
| 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; |
| 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; |
| 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; |
| 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; |
| 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; |
| 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 |
| GRNVLY36 | 3/11/2014 12:24 | 57.7 | 35 | 0 | 7.3 | -6.47 | -6.47 | 125 | 19 | 20 | -6.56 | No Change; None; Good |
| GRNVLY36 | 3/26/2014 11:59 | 53.9 | 35.6 | 0 | 10.5 | -13.03 | -13.03 | 126 | 24 | 28 | -13.46 | No Change; None; Good |
| GRNVLY36 | 4/9/2014 10:08 | 57.5 | 35.7 | 0 | 6.8 | -15.1 | -15.1 | 126 | 23 | 23 | -15.53 | No Change; No Repair Needed; Good |
| GRNVLY36 | 5/29/2014 12:42 | 52.5 | 34.9 | 0 | 12.6 | -15.66 | -15.62 | 127 | 27 | 29 | -16.57 | No Change; No Repair Needed; Good |
| GRNVLY36 | 6/9/2014 12:47 | 49.1 | 35.3 | 0 | 15.6 | -12.68 | -12.68 | 126 | 25 | 25 | -13.16 | No Change; No Repair Needed; Good |
| GRNVLY36 | 6/24/2014 10:22 | 51.1 | 34.8 | 0 | 14.1 | -14.41 | -14.41 | 128 | 32 | 39 | -15.53 | No Change; No Repair Needed; Good |
| 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 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 |
| 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 |
| GRNVLY37 | 3/11/2014 12:16 | 62.9 | 34.4 | 0 | 2.7 | -3.71 | -3.8 | 90 | 28 | 30 | -4.83 | No Change; None; Good |
| GRNVLY37 | 3/26/2014 11:53 | 54.7 | 33.7 | 0 | 11.6 | -12.12 | -12.04 | 88 | 21 | 15 | -13.68 | No Change; None; Good |
| GRNVLY37 | 4/9/2014 10:01 | 55 | 33.5 | 0 | 11.5 | -14.54 | -14.54 | 89 | 20 | 19 | -15.88 | No Change; No Repair Needed; Good |
| GRNVLY37 | 5/29/2014 10:35 | 52.6 | 34.7 | 0 | 12.7 | -14.06 | -14.06 | 91 | 25 | 27 | -16.65 | No Change; No Repair Needed; Good |
| GRNVLY37 | 6/9/2014 12:41 | 47.4 | 32.5 | 0 | 20.1 | -11.99 | -11.3 | 91 | 38 | 33 | -13.2 | Slightly Closed; No Repair Needed; Good |
| GRNVLY37 | 6/9/2014 12:42 | 48.4 | 33.7 | 0 | 17.9 | -11 | -11 | 91 | 15 | 15 | -13.42 | 2nd Reading; No Repair Needed; Good |
| GRNVLY37 | 6/24/2014 10:17 | 51.4 | 33.8 | 0 | 14.8 | -10.66 | -10.66 | 91 | 24 | 23 | -15.53 | 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 |
| GRNVLY55 | 3/11/2014 10:10 | 61.8 | 37.4 | 0 | 0.8 | -9.92 | -9.97 | 108 | 22 | 25 | -9.71 | No Change; None; Good; 1945 |
| GRNVLY55 | 3/26/2014 9:32 | 61.3 | 37.2 | 0.1 | 1.4 | -15.88 | -15.83 | 107 | 28 | 28 | -15.88 | No Change; None; Good |
| GRNVLY55 | 4/9/2014 8:43 | 61.5 | 37.2 | 0 | 1.3 | -16.39 | -16.22 | 108 | 28 | 24 | -16.22 | No Change; No Repair Needed; Good; 1946 |
| GRNVLY55 | 5/29/2014 8:55 | 62.2 | 37.8 | 0 | 0 | 6.56 | 6.56 | 103 | 0 | 0 | 6.6 | No Change; No Repair Needed; Good; 1947; |
| GRNVLY55 | 5/29/2014 8:56 | 61.4 | 38.6 | 0 | 0 | 6.82 | 6.77 | 103 | 0 | 0 | 6.34 | 2nd Reading; No Repair Needed; Good |
| GRNVLY55 | 5/29/2014 14:31 | 60.8 | 39.2 | 0 | 0 | -17.17 | -17.17 | 111 | 27 | 28 | -17.6 | No Change; No Repair Needed; Good |
| GRNVLY55 | 6/9/2014 10:49 | 61.7 | 38.3 | 0 | 0 | -20.32 | -20.49 | 110 | 30 | 27 | -20.36 | No Change; No Repair Needed; Good; 1952 |

# Green Valley Landfill
## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 6/24/2014 8:29 | 62.1 | 37.7 | 0 | 0.2 | -20.71 | -20.71 | 111 | 25 | 26 | -20.58 | No Change; No Repair Needed; Good; 1957 |
| 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 |
| 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; |
| 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; |
| GRNVLY56 | 3/11/2014 10:07 | 62.3 | 35 | 0.2 | 2.5 | -10.96 | -10.66 | 77 | 17 | 15 | -10.57 | No Change; None; Good; 52333 |
| GRNVLY56 | 3/26/2014 9:29 | 62.3 | 35.4 | 0.1 | 2.2 | -15.96 | -16.01 | 73 | 14 | 14 | -15.83 | No Change; None; Good; 52333 |
| GRNVLY56 | 4/9/2014 8:40 | 62.5 | 36.7 | 0.1 | 0.7 | -16.82 | -16.82 | 81 | 5 | 6 | -16.61 | No Change; No Repair Needed; Good |
| GRNVLY56 | 5/29/2014 8:51 | 61.7 | 38.3 | 0 | 0 | 7.46 | 7.46 | 77 | 0 | 0 | 7.29 | No Change; No Repair Needed; Good; 52333; |
| GRNVLY56 | 5/29/2014 8:52 | 62.2 | 37.8 | 0 | 0 | 7.59 | 7.59 | 77 | 0 | 0 | 7.59 | 2nd Reading; No Repair Needed; Good |
| GRNVLY56 | 5/29/2014 14:34 | 61.7 | 36.9 | 0 | 1.4 | -17.52 | -17.52 | 94 | 13 | 11 | -17.56 | No Change; No Repair Needed; Good |
| GRNVLY56 | 6/9/2014 10:47 | 62.6 | 36.7 | 0 | 0.7 | -20.84 | -21.01 | 94 | 15 | 13 | -20.49 | No Change; No Repair Needed; Good; 52333 |
| GRNVLY56 | 6/24/2014 8:26 | 62.8 | 36.6 | 0 | 0.6 | -21.05 | -21.05 | 95 | 8 | 11 | -20.88 | No Change; No Repair Needed; Good; 52549 |
| 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; |
| 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; |
| 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 |
| 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 |
| 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 |
| 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; |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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; |
| 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; |
| GRNVLY57 | 3/11/2014 9:57 | 62.1 | 36.6 | 0 | 1.3 | -10.31 | -10.31 | 92 | 12 | 10 | -11.39 | No Change; None; Good; 8659 |
| GRNVLY57 | 3/26/2014 9:20 | 61.5 | 36.2 | 0 | 2.3 | -14.19 | -14.19 | 90 | 10 | 13 | -16.18 | No Change; None; Good; 8923 |
| GRNVLY57 | 4/9/2014 8:31 | 60.1 | 37.2 | 0 | 2.7 | -17.99 | -19.03 | 94 | 31 | 32 | -21.27 | Slightly Open; No Repair Needed; Good; 9223 |
| GRNVLY57 | 4/9/2014 8:32 | 59.7 | 36.7 | 0 | 3.6 | -20.23 | -20.36 | 95 | 18 | 18 | -21.48 | 2nd Reading; No Repair Needed; Good |
| GRNVLY57 | 5/29/2014 8:43 | 61.7 | 38.3 | 0 | 0 | 1.37 | 1.37 | 82 | 0 | 0 | 1.34 | No Change; No Repair Needed; Good; 9629; |
| GRNVLY57 | 5/29/2014 8:44 | 62.6 | 37.4 | 0 | 0 | 1.95 | 1.96 | 82 | 0 | 0 | 1.77 | 2nd Reading; No Repair Needed; Good |
| GRNVLY57 | 5/29/2014 14:40 | 58.9 | 37 | 0 | 4.1 | -16.52 | -16.52 | 96 | 19 | 18 | -17.9 | No Change; No Repair Needed; Good |
| GRNVLY57 | 6/9/2014 10:39 | 53 | 35.2 | 0 | 11.8 | -19.93 | -19.84 | 98 | 17 | 16 | -21.18 | No Change; No Repair Needed; Good; 9751 |
| GRNVLY57 | 6/24/2014 8:17 | 46.3 | 34.5 | 0.1 | 19.1 | -20.02 | -19.2 | 98 | 17 | 14 | -21.18 | Slightly Closed; No Repair Needed; Good; |
| GRNVLY57 | 6/24/2014 8:18 | 45.7 | 34.7 | 0 | 19.6 | -18.98 | -18.98 | 98 | 16 | 19 | -20.71 | 2nd Reading; No Repair Needed; Good |
| 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; |
| 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; |
| 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; |
| 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; |
| 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; |
| 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; |
| 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; |
| 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 |
| GRNVLY58 | 3/11/2014 9:54 | 59 | 35 | 1.1 | 4.9 | -0.47 | -0.45 | 100 | 34 | 34 | -12.08 | No Change; None; Good; 288 |
| GRNVLY58 | 3/26/2014 9:17 | 61.9 | 35.2 | 0.3 | 2.6 | -2.02 | -2.38 | 101 | 68 | 67 | -16.61 | Slightly Open; None; Good; 288 |
| GRNVLY58 | 3/26/2014 9:18 | 61.7 | 36.8 | 0.2 | 1.3 | -2.78 | -2.78 | 102 | 73 | 72 | -16.65 | 2nd Reading; None; Good |
| GRNVLY58 | 4/9/2014 8:27 | 60.5 | 35.7 | 0.6 | 3.2 | -3.87 | -4.31 | 102 | 80 | 80 | -17.13 | Slightly Open; No Repair Needed; Good; 288 |
| GRNVLY58 | 4/9/2014 8:28 | 60.4 | 37.6 | 0.5 | 1.5 | -4.68 | -4.68 | 103 | 80 | 82 | -16.65 | 2nd Reading; No Repair Needed; Good |
| GRNVLY58 | 5/29/2014 8:39 | 60.2 | 35.9 | 0.5 | 3.4 | 0.48 | 0.49 | 96 | 0 | 0 | 0.04 | No Change; No Repair Needed; Good; 288; |

# Green Valley Landfill
## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GRNVLY58 | 5/29/2014 8:41 | 61.2 | 37.1 | 0.4 | 1.3 | 0.97 | 0.97 | 91 | 0 | 0 | 0.69 | 2nd Reading; No Repair Needed; Good |
| GRNVLY58 | 5/29/2014 14:43 | 61.7 | 38.3 | 0 | 0 | -3.27 | -3.33 | 106 | 0 | 0 | -18.59 | No Change; No Repair Needed; Good |
| GRNVLY58 | 6/9/2014 10:35 | 59.1 | 36 | 0.3 | 4.6 | -6.17 | -6.9 | 106 | 0 | 0 | -21.4 | Slightly Open; No Repair Needed; Good; 289; |
| GRNVLY58 | 6/9/2014 10:36 | 59.4 | 37.2 | 0.3 | 3.1 | -7.89 | -7.94 | 106 | 0 | 0 | -22.43 | 2nd Reading; No Repair Needed; Good |
| GRNVLY58 | 6/24/2014 8:14 | 55 | 35.4 | 0.7 | 8.9 | -7.94 | -8.28 | 105 | 0 | 0 | -20.71 | No Change; No Repair Needed; Good; needs |
| 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 |
| GRNVLY59 | 3/11/2014 9:26 | 31.4 | 15.7 | 10.7 | 42.2 | -13.76 | -13.72 | 87 | 0 | 0 | -13.5 | Slightly Closed; None; Fair |
| GRNVLY59 | 3/11/2014 9:27 | 27.4 | 16.7 | 11.4 | 44.5 | -13.72 | -13.93 | 87 | 0 | 0 | -13.5 | 2nd Reading; None; Fair |
| GRNVLY59 | 3/26/2014 8:47 | 67 | 30.8 | 0 | 2.2 | -15.83 | -15.83 | 56 | 0 | 0 | -15.75 | No Change; None; Good |
| GRNVLY59 | 4/9/2014 7:59 | 67 | 33 | 0 | 0 | -17.04 | -17.04 | 90 | 0 | 0 | -16.82 | No Change; No Repair Needed; Fair |
| GRNVLY59 | 5/28/2014 10:56 | 69 | 30.9 | 0.1 | 0 | -16.22 | -16.22 | 79 | 0 | 0 | -16.52 | No Change; No Repair Needed; Good |
| GRNVLY60 | 3/11/2014 9:30 | 56.6 | 21.8 | 2.8 | 18.8 | -13.93 | -13.59 | 55 | 17 | 8 | -13.81 | No Change; None; Good |
| GRNVLY60 | 3/26/2014 8:49 | 60.5 | 25.1 | 2.2 | 12.2 | -12.08 | -11.95 | 29 | 4 | 6 | -15.88 | No Change; None; Good |
| GRNVLY60 | 4/9/2014 8:02 | 63.3 | 27.2 | 1 | 8.5 | -17.17 | -17.17 | 49 | 11 | 7 | -16.91 | No Change; No Repair Needed; Fair |
| GRNVLY60 | 5/28/2014 10:58 | 67.8 | 29.4 | 0 | 2.8 | -16.22 | -16.22 | 82 | 7 | 8 | -16.57 | No Change; No Repair Needed; Good |
| GRNVLY61 | 3/11/2014 9:23 | 67.5 | 25.4 | 1.2 | 5.9 | -13.72 | -13.72 | 62 | 15 | 10 | -13.81 | No Change; None; Good |
| GRNVLY61 | 3/26/2014 8:44 | 66.1 | 21.6 | 2.3 | 10 | -15.83 | -15.83 | 51 | 6 | 11 | -15.88 | No Change; None; Good |
| GRNVLY61 | 4/9/2014 7:56 | 65.5 | 22.3 | 1.4 | 10.8 | -21.66 | -21.66 | 68 | 11 | 11 | -21.44 | No Change; No Repair Needed; Fair |
| GRNVLY61 | 5/28/2014 10:51 | 23.9 | 15.7 | 13 | 47.4 | -16.57 | -16.61 | 82 | 6 | 4 | -16.91 | Slightly Closed; No Repair Needed; Fair |
| GRNVLY61 | 5/28/2014 10:53 | 24.2 | 15.2 | 12.7 | 47.9 | -16.57 | -16.57 | 83 | 4 | 5 | -16.57 | 2nd Reading; No Repair Needed; Fair |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GRNVLY61 | 6/9/2014 10:28 | 68.4 | 25.7 | 1 | 4.9 | -17.56 | -17.52 | 82 | 10 | 9 | -20.58 | No Change; No Repair Needed; Good |
| GRNVLY61 | 6/24/2014 8:00 | 72.2 | 23.3 | 0.4 | 4.1 | -11.73 | -13.07 | 92 | 8 | 7 | -14.45 | Slightly Open; No Repair Needed; Good |
| GRNVLY61 | 6/24/2014 8:01 | 72.8 | 24.3 | 0.3 | 2.6 | -13.76 | -13.76 | 92 | 9 | 8 | -14.45 | 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 |
| 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; |
| 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 |
| GRNVLY62 | 3/11/2014 9:37 | 57.3 | 39.2 | 0.8 | 2.7 | -13.03 | -13.03 | 69 | 0 | 0 | -12.77 | No Change; None; Good |
| GRNVLY62 | 3/26/2014 9:03 | 33.2 | 21.6 | 8.7 | 36.5 | -16.18 | -16.18 | 41 | 4 | 3 | -15.01 | Slightly Closed; None; Fair |
| GRNVLY62 | 3/26/2014 9:04 | 34.1 | 24.1 | 8.6 | 33.2 | -16.18 | -16.09 | 42 | 2 | 0 | -15.19 | 2nd Reading; None; Fair |
| GRNVLY62 | 4/9/2014 8:13 | 55.9 | 37.5 | 1.6 | 5 | -21.79 | -21.79 | 53 | 7 | 5 | -21.35 | No Change; No Repair Needed; Fair |
| GRNVLY62 | 5/28/2014 11:11 | 52 | 35.5 | 2.9 | 9.6 | -16.91 | -16.91 | 80 | 0 | 0 | -17.26 | No Change; No Repair Needed; Good |
| GRNVLY62 | 6/9/2014 10:22 | 47.4 | 32.5 | 3.8 | 16.3 | -21.01 | -20.97 | 82 | 11 | 7 | -20.62 | No Change; No Repair Needed; Fair |
| GRNVLY62 | 6/24/2014 7:57 | 55.5 | 36.5 | 1.2 | 6.8 | -14.71 | -14.67 | 82 | 6 | 8 | -14.45 | No Change; No Repair Needed; Good |
| 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 |
| 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 |
| 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; |
| 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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; |
| 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 |
| 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 |
| GRNVLY7R | 3/11/2014 12:52 | 50.1 | 32.5 | 0.9 | 16.5 | -0.03 | -0.06 | 99 | 6 | 6 | -5.52 | No Change; None; Good; 877417 |
| GRNVLY7R | 3/26/2014 12:05 | 59.1 | 38.4 | 0 | 2.5 | -1.22 | -1.28 | 116 | 15 | 14 | -14.15 | Slightly Open; None; Good; 899584 |
| GRNVLY7R | 3/26/2014 12:06 | 59.2 | 38 | 0 | 2.8 | -1.31 | -1.3 | 117 | 8 | 10 | -13.85 | 2nd Reading; None; Good |
| GRNVLY7R | 4/9/2014 10:15 | 48.9 | 37.5 | 0 | 13.6 | -2.54 | -2.52 | 122 | 10 | 7 | -15.1 | No Change; No Repair Needed; Good; 918321 |
| GRNVLY7R | 5/29/2014 12:51 | 44.8 | 35 | 0.5 | 19.7 | -9.23 | -8.89 | 119 | 32 | 22 | -16.52 | Slightly Closed; No Repair Needed; Good; |
| GRNVLY7R | 5/29/2014 12:52 | 40.7 | 33 | 2.8 | 23.5 | -8.58 | -8.58 | 114 | 4 | 9 | -16.87 | 2nd Reading; No Repair Needed; Good |
| GRNVLY7R | 6/9/2014 12:55 | 41.4 | 32 | 0.6 | 26 | -6.86 | -6.86 | 117 | 3 | 3 | -14.45 | No Change; No Repair Needed; Good; valve barely cracked; 986579 |
| GRNVLY7R | 6/24/2014 10:29 | 38.9 | 28.6 | 2.8 | 29.7 | -6.17 | -6.17 | 98 | 5 | 2 | -15.49 | Slightly Closed; No Repair Needed; Good; 7695; valve barely cracked |
| GRNVLY7R | 6/24/2014 10:30 | 39.5 | 29.6 | 3.3 | 27.6 | -6.17 | -6.17 | 98 | 6 | 5 | -14.8 | 2nd Reading; 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 |
| 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; |
| 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 |
| 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 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 |
| GRNVLYP1 | 3/17/2014 8:46 | 0 | 1.4 | 20.6 | 78 | -0.02 | | | | | | No Change; None; Good |
| GRNVLYP1 | 6/11/2014 13:05 | 0 | 1 | 20.2 | 78.8 | 0 | | | | | | No Change; No Repair Needed; Good |
| 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 |
| GRNVLYP2 | 3/17/2014 8:54 | 0 | 0.5 | 21.4 | 78.1 | 0 | | | | | | No Change; None; Good |
| GRNVLYP2 | 6/11/2014 12:52 | 0 | 0.5 | 20.5 | 79 | 0 | | | | | | 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 |
| GRNVLYP3 | 3/17/2014 9:07 | 0 | 0 | 21.4 | 78.6 | 0 | | | | | | No Change; None; Good |
| GRNVLYP3 | 6/11/2014 12:40 | 0 | 0 | 20.8 | 79.2 | 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 |
| GRNVLYP4 | 3/17/2014 9:18 | 0 | 0 | 21.5 | 78.5 | 0 | | | | | | No Change; None; Good |
| GRNVLYP4 | 6/11/2014 13:00 | 0 | 0 | 20.7 | 79.3 | 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 |
| GRNVBOT2 | 3/11/2014 12:17 | | | | | | | | | | | Manually entered; NIU |
| GRNVBOT2 | 3/11/2014 12:17 | | | | | | | | | | | Manually entered; NIU |
| GRNVBOT2 | 4/9/2014 10:57 | | | | | | | | | | | Manually entered; NIU |
| GRNVBOT2 | 5/29/2014 12:21 | | | | | | | | | | | Manually entered; NIU |
| GRNVBOT2 | 6/9/2014 8:42 | 48.3 | 36.1 | 1.5 | 14.1 | 0.82 | 0.8 | 76 | 190 | 190 | 0 | No Change; No Repair Needed; Good |
| GRNVBOT2 | 6/9/2014 14:59 | 50.9 | 35.1 | 0.9 | 13.1 | 0.73 | 0.73 | 94 | 235 | 235 | -0.04 | 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 |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 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 |
| GRNVCO02 | 3/11/2014 10:28 | 63.8 | 36.2 | 0 | 0 | 2.32 | -4.22 | 64 | 12 | 10 | -8.28 | Slightly Open; None; Good |
| GRNVCO02 | 3/11/2014 10:29 | 62.4 | 37.6 | 0 | 0 | -5.44 | -5.44 | 62 | 16 | 11 | -8.28 | 2nd Reading; None; Good |
| GRNVCO02 | 3/26/2014 9:48 | 53.1 | 29.5 | 3.4 | 14 | -9.4 | -9.28 | 42 | 9 | 13 | -16.13 | No Change; None; Good |
| GRNVCO02 | 4/9/2014 9:00 | 50.7 | 29.2 | 3.9 | 16.2 | -12.99 | -12.94 | 60 | 8 | 11 | -17.56 | No Change; No Repair Needed; Fair |
| GRNVCO02 | 5/29/2014 9:10 | 54.8 | 32.3 | 2 | 10.9 | -19.67 | -19.33 | 75 | 10 | 5 | -22.04 | No Change; No Repair Needed; Good |
| GRNVCO02 | 6/9/2014 11:03 | 54 | 30.9 | 1.9 | 13.2 | -18.77 | -18.59 | 80 | 4 | 11 | -20.66 | No Change; No Repair Needed; Good |
| GRNVCO02 | 6/24/2014 8:51 | 48.6 | 29.3 | 3.2 | 18.9 | -13.76 | -13.46 | 82 | 11 | 7 | -15.14 | No Change; No Repair Needed; Good |
| 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 |
| GRNVLBIN | 3/11/2014 8:25 | 57 | 31.5 | 1.2 | 10.3 | -14.54 | -14.54 | 50 | 430 | 430 | 0 | No Change; None; Good |
| GRNVLBIN | 3/11/2014 13:43 | 56.1 | 34.6 | 1.6 | 7.7 | -6.51 | -6.51 | 79 | 430 | 430 | -0.04 | No Change; None; Good |
| GRNVLBIN | 4/9/2014 7:25 | 55.4 | 33 | 1.1 | 10.5 | -17.43 | -17.26 | 54 | 440 | 440 | 0.04 | No Change; No Repair Needed; Good |
| GRNVLBIN | 4/9/2014 13:08 | 55 | 35.3 | 0.8 | 8.9 | -17.52 | -17.47 | 58 | 460 | 460 | 0 | No Change; No Repair Needed; Good |
| GRNVLBIN | 5/29/2014 8:21 | 51 | 32.1 | 1.1 | 15.8 | -17.9 | -17.9 | 73 | 600 | 600 | -0.3 | No Change; No Repair Needed; Good |
| GRNVLBIN | 5/29/2014 15:06 | 50.8 | 35.1 | 1 | 13.1 | -17.82 | -17.82 | 74 | 610 | 610 | 0 | No Change; No Repair Needed; Good |
| GRNVLBIN | 6/9/2014 8:37 | 47.9 | 32 | 1.4 | 18.7 | -14.58 | -14.8 | 75 | 600 | 600 | 0.3 | No Change; No Repair Needed; Good |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 6/9/2014 14:55 | 50.7 | 34.2 | 0.9 | 14.2 | -21.05 | -21.05 | 76 | 795 | 795 | 0 | No Change; No Repair Needed; Good |
| GRNVLBIN | 6/24/2014 7:02 | 49.5 | 33.3 | 0.9 | 16.3 | -14.84 | -14.84 | 80 | 600 | 600 | 0.04 | No Change; No Repair Needed; Good |
| GRNVLBIN | 6/24/2014 13:03 | 49.6 | 34.9 | 0.8 | 14.7 | -21.61 | -21.1 | 81 | 830 | 830 | 0.04 | No Change; No Repair Needed; Good |
| 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 |
| 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 |
| GRNVLBOT | 3/11/2014 8:27 | 57.3 | 34.2 | 1.1 | 7.4 | -15.1 | -15.01 | 49 | 430 | 430 | 0 | No Change; None; Good |
| GRNVLBOT | 3/26/2014 7:56 | 50.1 | 29.8 | 2.4 | 17.7 | -13.93 | -13.89 | 48 | 650 | 650 | 0.04 | No Change; None; Good |
| GRNVLBOT | 3/26/2014 14:07 | 54.6 | 32.7 | 1 | 11.7 | -17.52 | -17.52 | 54 | 570 | 570 | 0 | No Change; None; Good |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 4/9/2014 7:27 | 55.3 | 34.7 | 1 | 9 | 7.29 | 7.29 | 65 | 440 | 440 | 0 | No Change; No Repair Needed; Good |
| GRNVLBOT | 5/29/2014 8:23 | 50.5 | 33.6 | 1 | 14.9 | 7.46 | 7.46 | 84 | 600 | 600 | -0.3 | No Change; No Repair Needed; Good |
| GRNVLBOT | 6/9/2014 8:39 | 48.6 | 34.3 | 1.2 | 15.9 | 6.47 | 6.21 | 85 | 600 | 600 | 0.3 | No Change; No Repair Needed; Good |
| GRNVLBOT | 6/9/2014 14:57 | 51 | 35.7 | 0.8 | 12.5 | 5.52 | 5.91 | 95 | 560 | 560 | 0 | No Change; No Repair Needed; Good |
| GRNVLBOT | 6/24/2014 7:04 | 49.5 | 34.7 | 0.9 | 14.9 | 7.2 | 7.2 | 89 | 600 | 600 | 0.35 | 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 |
| 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 |
| Flare 1 | 3/11/2014 12:15 | | | | | | | | | | | Manually entered; NIU |
| Flare 1 | 4/9/2014 13:31 | 55.9 | 35.9 | 0.8 | 7.4 | 0.37 | 0.31 | 69 | 180 | 180 | -0.22 | GHG Reading; No Repair Needed; Good; No |
| Flare 1 | 5/29/2014 12:20 | | | | | | | | | | | Manually entered; NIU |
| Flare 1 | 6/24/2014 13:04 | 50.7 | 36.3 | 0.8 | 12.2 | 0.92 | 0.89 | 93 | 220 | 220 | 0.04 | No Change; No Repair Needed; Good; No |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| Flare 1 | 12/5/2014 10:42 | | | | | | | | | | | Manually entered; NIU |

# Green Valley Landfill

## Annual Rolling GCCS Monitoring Data - 03/01/2014 through 03/31/2015

| 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 | 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 |
| Plant 1 | 3/11/2014 13:46 | 55.3 | 34 | 1.6 | 9.1 | -6.86 | -6.86 | 54 | 440 | 440 | 0 | GHG Reading; None; Good; 331516550 scf |
| Plant 1 | 4/9/2014 12:44 | 56 | 35.2 | 0.8 | 8 | 5.26 | 5.52 | 77 | 460 | 460 | 0 | GHG Reading; No Repair Needed; Good; 358172770 scf |
| Plant 1 | 5/29/2014 15:04 | 51.9 | 35.2 | 1 | 11.9 | 6.95 | 7.03 | 89 | 610 | 610 | 0 | GHG Reading; No Repair Needed; Good; 393657200 scf |
| Plant 1 | 6/24/2014 13:08 | 50.4 | 34.5 | 0.8 | 14.3 | 6 | 6.34 | 100 | 610 | 610 | 0.04 | GHG Reading; No Repair Needed; Good; 415740670 scf |
| 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 |