

ENVIRONMENTAL SAMPLING CORPORATION

Dedicated to Environmental Monitoring, Science & Technology

September 1, 2022

Mr. Ryan Bergh
Air Management Engineer-Adv
Wisconsin Department of Natural Resources
141 NW Barstow Street, Room 180
Waukesha, WI 53188

RE: Emerald Park Landfill
Air Pollution Control Operation Permit No: 26824413A-P31
FID No. 268244130
Deviation of Permit Conditions: September 2021 – August 2022

Dear Mr. Bergh:

On behalf of Emerald Park Landfill (EPL), Environmental Sampling Corporation (ESC) is providing this letter to notify the Wisconsin Department of Natural Resources of deviations of the air pollution control operating permit. Additional information is provided in the attached deviation summary report. Deviations will also be reported in the next semi-annual NESHAP report.

Should you have any questions, please contact Randy Frank of GFL Environmental, Inc. at 414-801-0939 or the undersigned at 414-427-5033.

Sincerely,
Environmental Sampling Corporation



Tracy Ipavec
Sr. Environmental Specialist

Attachment

cc: Mike Stoeckigt: GFL Environmental (electronic copy)
Tim Curry: GFL Environmental (electronic copy)
Randy Frank: GFL Environmental (electronic copy)
Kari Rabideau: GFL Environmental (electronic copy)
Dan Otzelberger: EPL (electronic copy)
Chad Siegle: EPL (electronic copy)
Scott Croft: EPL (electronic copy)
Kyle Brickler: EPL (electronic copy)
EPL File Copy
Nick Dykstra: Tetra Tech (electronic copy)
Jo Spear: JSA Environmental (electronic copy)
Mark Slocomb: EPL Standing Committee (electronic copy)
City of Muskego, EPL Standing Committee (electronic copy)
Sherren Clark: SCS Engineers (electronic copy)
Frank Perugini: ESC (electronic copy)

Notice: Deviation Reports are required under s. NR 439.03(1)(b), Wis. Adm. Code. Use of this Table to report deviations is voluntary. Personally Identifiable Information collected on this form is not likely to be used for purposes other than the purpose for which it is being collected. This table may be submitted in conjunction with the Air Operation Permit Compliance Certification to report deviations from permit conditions contained in the Air Operation Permit. Complete items A-C to report deviations. Provide information on each deviation in a separate row of the table. Copy this page as needed to list all deviations for the reporting period specified in this Deviation Summary Report. Personally identifiable information collected on this Form is unlikely to be used for any purpose other than that for which it was originally collected, but may be provided to requesters as required by Wisconsin's Open Records law (ss. 19.31-19.39, Wis. Stats.).

A.) Facility Information	
1.) Facility Name Emerald Park Landfill	2.) FID 268244130
3.) Permit Number Operation Permit: 268244130-P30 / 26824413A-P31	4.) Permit Issue Date March 23, 2021 / March 2, 2022
5.) Reporting Period Covered by this Deviation Report September 2021 – August 2022	

B.) Deviation Summary Report						
1.) Permit Condition Reference	2.) Emission Unit	3.) Deviation Period Start and End Dates	4.) Date Deviation Previously Reported to DNR	5.) Deviation Description	6.) Method Used to Identify Deviation	7.) Reason for Deviation and Corrective Action Taken
<p><u>Part I.ZZZ.1.a.(63.1961)(g)</u> (g) Each owner or operator seeking to demonstrate compliance with 40 CFR 63.1959(b)(2)(iii)(C) using a landfill gas treatment system must calibrate, maintain, and operate according to the manufacturer's specifications a device that records flow to the treatment system and bypass of the treatment system (if applicable). Each owner or operator must maintain and operate all monitoring systems associated with the treatment system in accordance with the site-specific treatment system monitoring plan required in 40 CFR 63.1983(b)(5)(ii). The owner or operator must:</p> <p><u>Part I.ZZZ.1.a.(63.1983)(b)(5)(ii)(A)</u> (ii) Site-specific treatment monitoring plan. The owner or operator must prepare a site-specific treatment monitoring plan to include:</p> <p><i>(Continued on Page 2)</i></p>	P02 Operation of Emerald Park Landfill	Deviations of the designated inlet pressure range: Sep 2021 (0.08 hr.) Oct 2021 (1.00 hr.) Nov 2021 (6.75 hr.) Dec 2021 (2.42 hr.) Jan 2022 (21.91 hr.) Feb 2022 (8.58 hr.) Mar 2022 (15.58 hr.) Apr 2022 (22.09 hr.) May 2022 (10.91 hr.) (See Attachment 1) Recordkeeping deviations for monthly compressor discharge pressure: Sep 2021 – Aug 2022	NA	There were periods of time in which the gas extraction blower inlet pressure did not meet the operating range specified in the site-specific treatment system monitoring plan. Additionally, the site did not properly maintain records of monthly compressor discharge pressure as specified in the monitoring plan.	Visual review of data	Since the applicability of the significant amendments to 40 CFR 63, subpart AAAA effective 09/27/21, the gas extraction blower has periodically operated with an inlet pressure outside of the operating range specified in the facility's treatment system monitoring plan (i.e., -5" w.c. to -140" w.c.). A summary of the instances in which the landfill gas treatment system was operating with less vacuum than specified in the plan are summarized in Attachment 1 . Neither the landfill blower/flare nor the landfill gas treatment system have experienced operational issues related to the inlet pressures. The facility will update the treatment system monitoring plan with a new inlet pressure range that more accurately reflects the actual operating range at the facility. <i>(Continued on Page 2)</i>

Air Operation Permit Deviation Summary Report

Form 4530-171 (R 9/10)

1.) Permit Condition Reference	2.) Emission Unit	3.) Deviation Period Start and End Dates	4.) Date Deviation Previously Reported to DNR	5.) Deviation Description	6.) Method Used to Identify Deviation	7.) Reason for Deviation and Corrective Action Taken
<p style="text-align: center;"><i>(Continued from Page 1)</i></p> <p>(A) Monitoring records of parameters that are identified in the treatment system monitoring plan and that ensure the treatment system is operating properly for each intended end use of the treated landfill gas. At a minimum, records should include records of filtration, de-watering, and compression parameters that ensure the treatment system is operating properly for each intended end use of the treated landfill gas.</p>	<p>P02 Operation of Emerald Park Landfill</p>	<p><i>(See above)</i></p>	<p><i>(See above)</i></p>	<p><i>(See above)</i></p>	<p><i>(See above)</i></p>	<p style="text-align: center;"><i>(Continued from Page 1)</i></p> <p>Additionally, the facility did not properly maintain records of the monthly compressor discharge pressure at the facility. Going forward, site personnel will properly document the treatment system monitoring parameters to maintain compliance with the record keeping conditions included in Part I.ZZZ.1.a.(63.1982)(b)(5)(ii)(A).</p>

Air Operation Permit Deviation Summary Report

Form 4530-171 (R 9/10)

1.) Permit Condition Reference	2.) Emission Unit	3.) Deviation Period Start and End Dates	4.) Date Deviation Previously Reported to DNR	5.) Deviation Description	6.) Method Used to Identify Deviation	7.) Reason for Deviation and Corrective Action Taken
<p><u>Part I.ZZZ.1.a.(63.1960)(a)(4)(i)(D)</u> (D) If a landfill gas temperature measured at either the wellhead or at any point in the well is greater than or equal to 76.7 degrees Celsius (170 degrees Fahrenheit) and the carbon monoxide concentration measured, according to the procedures in 40 CFR 63.1961(a)(5)(vi) is greater than or equal to 1,000 ppmv the corrective action(s) for the wellhead temperature standard (62.8 degrees Celsius or 145 degrees Fahrenheit) must be completed within 15 days.</p> <p><u>Part I.ZZZ.1.a.(63.1981)(k)</u> (k) 24-hour high temperature report. Where an owner or operator seeks to demonstrate compliance with the operational standard for temperature in 40 CFR 63.1958(c)(1) and a landfill gas temperature measured at either the wellhead or at any point in the well is greater than or equal to 76.7 degrees Celsius (170 degrees Fahrenheit) and the carbon monoxide concentration measured is greater than or equal to 1,000 ppmv, then you must report the date, time, well identifier, temperature and carbon monoxide reading via email to the Administrator and the department within 24 hours of the measurement unless a higher operating temperature value has been approved by the department for the well under 40 CFR part 63, subpart AAAA, or under 40 CFR part 60, subpart WWW, or by the Administrator under 40 CFR part 62, subpart OOO.</p>	<p>P02 Operation of Emerald Park Landfill</p>	<p>GEW-68R Downhole temperatures ≥ 170 deg. F at a depth of 100 ft.</p> <p>01/06/22-01/07/22 and 03/30/22</p> <p>See Attachment 2</p>	<p>NA</p>	<p>There were downhole temperature readings greater than or equal to 170 deg. F at one gas extraction well. No carbon monoxide readings were recorded as required. The temperatures were not previously reported as deviations and no 24-hour high temperature reports were prepared.</p>	<p>Visual review of data</p>	<p>Vertical gas extraction well GEW-68R operated with compliant wellhead temperatures (i.e., less than or equal to 145 deg. F) throughout the January – June 2022 semi-annual reporting period. There were no monitored wellhead temperatures that required enhanced monitoring.</p> <p>As an internal request to provide additional information regarding the ongoing elevated temperature landfill (ETLF) conditions at the facility, downhole temperature probes were installed at GEW-68R periodically during the January – June 2022 reporting period. On two occasions, 01/06/22-01/07/22 and 03/30/22, downhole temperatures recorded at a depth of 100 ft. exceeded 170 deg. F (see Attachment 2). There is insufficient data after the 01/06/22-01/07/22 readings to determine the date in which the downhole temperature decreased to less than 170 deg. F. The downhole temperature readings recorded on 03/30/22 indicate that the temperatures decreased to less than 170 deg. F on the same day. There was no carbon monoxide monitoring conducted at the time to confirm that concentrations were less than 1,000 ppmv. Additionally, there was no 24-hour high temperature report prepared for the downhole temperatures greater than 170 deg. F.</p> <p style="text-align: right;"><i>(Continued on Page 4)</i></p>

Air Operation Permit Deviation Summary Report

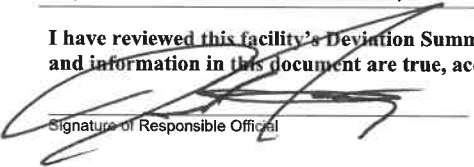
Form 4530-171 (R 9/10)

1.) Permit Condition Reference	2.) Emission Unit	3.) Deviation Period Start and End Dates	4.) Date Deviation Previously Reported to DNR	5.) Deviation Description	6.) Method Used to Identify Deviation	7.) Reason for Deviation and Corrective Action Taken
<i>(See above)</i>	P02 Operation of Emerald Park Landfill	<i>(See above)</i>	<i>(See above)</i>	<i>(See above)</i>	<i>(See above)</i>	<p style="text-align: center;"><i>(Continued from Page 3)</i></p> <p>There were no wellhead conditions that indicated the presence of a fire at GEW-68R. Temperatures recorded at the wellhead were less than 145 deg. F and there was no visible indication of a fire or subsurface oxidation (SSO) event. This well is located in the Wells of Interest (WOI) area at the facility. Elevated temperatures observed in the WOI area, including GEW-68R, are attributed to the ETLF conditions identified in late 2020/early 2021 and are not due to the presence of an SSO event.</p> <p>EPL has been working with the WDNR to address the ETLF conditions in this part of the site since early 2021. The WDNR issued a Conditional Plan of Operation Approval Modification on 05/13/21 to address ETLF conditions, which included the installation of 16 supplemental gas wells and additional monitoring of gas and leachate from the WOI and surrounding wells. EPL will continue to work with WDNR to implement any further corrective or remedial actions to address the elevated temperature conditions present in this area of the facility.</p>

C.) Responsible Official Certification

NOTE: A responsible official, as defined in s. NR 400.02(136), Wis. Adm. Code, must sign this deviation summary report. Deviation summary reports that are not signed by a responsible official will be returned as incomplete.

I have reviewed this facility's Deviation Summary Report. Based on information and belief formed after reasonable inquiry, I certify that the statements and information in this document are true, accurate and complete.



Signature of Responsible Official

Michael Stoeckigt

Typed or Printed Name of Signatory

Area Vice President

Title

9 / 1 / 22

Date

Attachment 1

**Emerald Park Landfill
Treatment System Monitoring Parameter Exceedances during Operation
September 2021**

Start	End	Duration	Treatment System Monitoring Parameter Exceedance
9/27/2021 14:05	9/27/2021 14:10	0.08	Blower Inlet Pressure > -5.0" w.c.
Total Duration:		0.08	

Note:

Treatment system monitoring parameter exceedances apply only during times of operation after the applicability of the significant amendments to 40 CFR 63, subpart AAAA effective 09/27/21.

Emerald Park Landfill
Treatment System Monitoring Parameter Exceedances during Operation
October 2021

Start	End	Duration	Treatment System Monitoring Parameter Exceedance
10/21/2021 16:07	10/21/2021 17:07	1.00	Blower Inlet Pressure > -5.0" w.c.
Total Duration:		1.00	

Note:

Treatment system monitoring parameter exceedances apply only during times of operation after the applicability of the significant amendments to 40 CFR 63, subpart AAAA effective 09/27/21.

**Emerald Park Landfill
Treatment System Monitoring Parameter Exceedances during Operation
November 2021**

Start	End	Duration	Treatment System Monitoring Parameter Exceedance
11/1/2021 23:28	11/2/2021 5:59	6.50	Blower Inlet Pressure > -5.0" w.c.
11/4/2021 10:56	11/4/2021 11:06	0.17	Blower Inlet Pressure > -5.0" w.c.
11/11/2021 9:32	11/11/2021 9:37	0.08	Blower Inlet Pressure > -5.0" w.c.
Total Duration:		6.75	

Note:

Treatment system monitoring parameter exceedances apply only during times of operation after the applicability of the significant amendments to 40 CFR 63, subpart AAAA effective 09/27/21.

**Emerald Park Landfill
Treatment System Monitoring Parameter Exceedances during Operation
December 2021**

Start	End	Duration	Treatment System Monitoring Parameter Exceedance
12/15/2021 13:32	12/15/2021 13:37	0.08	Blower Inlet Pressure > -5.0" w.c.
12/15/2021 13:47	12/15/2021 13:52	0.08	Blower Inlet Pressure > -5.0" w.c.
12/15/2021 13:57	12/15/2021 14:02	0.08	Blower Inlet Pressure > -5.0" w.c.
12/15/2021 14:12	12/15/2021 14:22	0.17	Blower Inlet Pressure > -5.0" w.c.
12/15/2021 14:27	12/15/2021 14:37	0.17	Blower Inlet Pressure > -5.0" w.c.
12/15/2021 14:42	12/15/2021 14:47	0.08	Blower Inlet Pressure > -5.0" w.c.
12/24/2021 14:38	12/24/2021 14:43	0.08	Blower Inlet Pressure > -5.0" w.c.
12/24/2021 14:58	12/24/2021 15:08	0.17	Blower Inlet Pressure > -5.0" w.c.
12/24/2021 15:23	12/24/2021 15:33	0.17	Blower Inlet Pressure > -5.0" w.c.
12/24/2021 15:48	12/24/2021 15:58	0.17	Blower Inlet Pressure > -5.0" w.c.
12/24/2021 16:13	12/24/2021 16:23	0.17	Blower Inlet Pressure > -5.0" w.c.
12/24/2021 16:38	12/24/2021 16:48	0.17	Blower Inlet Pressure > -5.0" w.c.
12/24/2021 17:13	12/24/2021 17:18	0.08	Blower Inlet Pressure > -5.0" w.c.
12/24/2021 17:38	12/24/2021 17:43	0.08	Blower Inlet Pressure > -5.0" w.c.
12/24/2021 18:13	12/24/2021 18:18	0.08	Blower Inlet Pressure > -5.0" w.c.
12/24/2021 18:43	12/24/2021 18:53	0.17	Blower Inlet Pressure > -5.0" w.c.
12/24/2021 19:18	12/24/2021 19:23	0.08	Blower Inlet Pressure > -5.0" w.c.
12/24/2021 19:48	12/24/2021 19:58	0.17	Blower Inlet Pressure > -5.0" w.c.
12/24/2021 20:23	12/24/2021 20:28	0.08	Blower Inlet Pressure > -5.0" w.c.
12/24/2021 20:58	12/24/2021 21:03	0.08	Blower Inlet Pressure > -5.0" w.c.
Total Duration:		2.42	

Note:

Treatment system monitoring parameter exceedances apply only during times of operation after the applicability of the significant amendments to 40 CFR 63, subpart AAAA effective 09/27/21.

Emerald Park Landfill
Treatment System Monitoring Parameter Exceedances during Operation
January 2022

Start	End	Duration	Treatment System Monitoring Parameter Exceedance
1/8/2022 8:54	1/8/2022 8:59	0.08	Blower Inlet Pressure > -5.0" w.c.
1/8/2022 12:53	1/8/2022 12:58	0.08	Blower Inlet Pressure > -5.0" w.c.
1/8/2022 13:18	1/8/2022 13:23	0.08	Blower Inlet Pressure > -5.0" w.c.
1/8/2022 13:43	1/8/2022 13:48	0.08	Blower Inlet Pressure > -5.0" w.c.
1/8/2022 14:03	1/8/2022 14:13	0.17	Blower Inlet Pressure > -5.0" w.c.
1/8/2022 14:33	1/8/2022 14:38	0.08	Blower Inlet Pressure > -5.0" w.c.
1/8/2022 14:53	1/8/2022 15:03	0.17	Blower Inlet Pressure > -5.0" w.c.
1/8/2022 15:23	1/8/2022 15:28	0.08	Blower Inlet Pressure > -5.0" w.c.
1/8/2022 15:43	1/8/2022 15:53	0.17	Blower Inlet Pressure > -5.0" w.c.
1/8/2022 16:13	1/8/2022 16:18	0.08	Blower Inlet Pressure > -5.0" w.c.
1/8/2022 16:38	1/8/2022 16:43	0.08	Blower Inlet Pressure > -5.0" w.c.
1/8/2022 17:03	1/8/2022 17:08	0.08	Blower Inlet Pressure > -5.0" w.c.
1/8/2022 17:28	1/8/2022 17:33	0.08	Blower Inlet Pressure > -5.0" w.c.
1/8/2022 17:53	1/8/2022 18:33	0.50	Blower Inlet Pressure > -5.0" w.c. for 0.50 hours of this 0.67 hour interval
1/8/2022 18:48	1/8/2022 18:58	0.17	Blower Inlet Pressure > -5.0" w.c.
1/8/2022 19:13	1/8/2022 19:48	0.42	Blower Inlet Pressure > -5.0" w.c. for 0.42 hours of this 0.58 hour interval
1/8/2022 20:03	1/8/2022 20:13	0.17	Blower Inlet Pressure > -5.0" w.c.
1/8/2022 20:28	1/8/2022 22:08	1.42	Blower Inlet Pressure > -5.0" w.c. for 1.42 hours of this 1.67 hour interval
1/8/2022 22:23	1/8/2022 22:33	0.17	Blower Inlet Pressure > -5.0" w.c.
1/8/2022 22:48	1/8/2022 23:48	1.00	Blower Inlet Pressure > -5.0" w.c.
1/9/2022 0:03	1/9/2022 0:13	0.17	Blower Inlet Pressure > -5.0" w.c.
1/9/2022 0:33	1/9/2022 2:03	1.50	Blower Inlet Pressure > -5.0" w.c.
1/9/2022 2:18	1/9/2022 2:53	0.42	Blower Inlet Pressure > -5.0" w.c. for 0.42 hours of this 0.58 hour interval
1/9/2022 3:08	1/9/2022 3:18	0.17	Blower Inlet Pressure > -5.0" w.c.
1/9/2022 3:33	1/9/2022 4:43	1.08	Blower Inlet Pressure > -5.0" w.c. for 1.08 hours of this 1.17 hour interval
1/9/2022 4:58	1/9/2022 6:38	1.33	Blower Inlet Pressure > -5.0" w.c. for 1.33 hours of this 1.67 hour interval
1/9/2022 7:03	1/9/2022 7:08	0.08	Blower Inlet Pressure > -5.0" w.c.
1/11/2022 14:13	1/11/2022 14:23	0.17	Blower Inlet Pressure > -5.0" w.c.
1/11/2022 15:23	1/11/2022 15:28	0.08	Blower Inlet Pressure > -5.0" w.c.
1/11/2022 16:18	1/11/2022 16:28	0.17	Blower Inlet Pressure > -5.0" w.c.
1/11/2022 16:48	1/11/2022 16:53	0.08	Blower Inlet Pressure > -5.0" w.c.
1/11/2022 17:03	1/11/2022 17:28	0.33	Blower Inlet Pressure > -5.0" w.c. for 0.33 hours of this 0.42 hour interval
1/11/2022 17:53	1/11/2022 18:43	0.83	Blower Inlet Pressure > -5.0" w.c.

**Emerald Park Landfill
Treatment System Monitoring Parameter Exceedances during Operation
January 2022**

Start	End	Duration	Treatment System Monitoring Parameter Exceedance
1/11/2022 19:08	1/11/2022 19:58	0.83	Blower Inlet Pressure > -5.0" w.c.
1/11/2022 20:18	1/11/2022 21:58	1.67	Blower Inlet Pressure > -5.0" w.c.
1/11/2022 22:18	1/11/2022 23:03	0.67	Blower Inlet Pressure > -5.0" w.c. for 0.67 hours of this 0.75 hour interval
1/11/2022 23:23	1/12/2022 2:18	2.92	Blower Inlet Pressure > -5.0" w.c.
1/12/2022 2:38	1/12/2022 3:48	1.08	Blower Inlet Pressure > -5.0" w.c. for 1.08 hours of this 1.17 hour interval
1/12/2022 4:03	1/12/2022 7:18	2.83	Blower Inlet Pressure > -5.0" w.c. for 2.83 hours of this 3.25 hour interval
1/24/2022 5:44	1/24/2022 6:04	0.33	Blower Inlet Pressure > -5.0" w.c.
Total Duration:			21.91

Note:

Treatment system monitoring parameter exceedances apply only during times of operation after the applicability of the significant amendments to 40 CFR 63, subpart AAAA effective 09/27/21.

**Emerald Park Landfill
Treatment System Monitoring Parameter Exceedances during Operation
February 2022**

Start	End	Duration	Treatment System Monitoring Parameter Exceedance
2/1/2022 7:30	2/1/2022 7:40	0.17	Blower Inlet Pressure > -5.0" w.c.
2/5/2022 9:46	2/5/2022 11:06	1.33	Blower Inlet Pressure > -5.0" w.c.
2/5/2022 11:11	2/5/2022 11:16	0.08	Blower Inlet Pressure > -5.0" w.c.
2/16/2022 2:57	2/16/2022 7:27	4.50	Blower Inlet Pressure > -5.0" w.c.
2/16/2022 7:37	2/16/2022 7:42	0.08	Blower Inlet Pressure > -5.0" w.c.
2/16/2022 8:12	2/16/2022 10:47	1.25	Blower Inlet Pressure > -5.0" w.c. for 1.25 hours of this 2.58 hour interval
2/16/2022 12:27	2/16/2022 14:32	1.08	Blower Inlet Pressure > -5.0" w.c. for 1.08 hours of this 2.08 hour interval
2/28/2022 10:28	2/28/2022 10:33	0.08	Blower Inlet Pressure > -5.0" w.c.
Total Duration:		8.58	

Note:

Treatment system monitoring parameter exceedances apply only during times of operation after the applicability of the significant amendments to 40 CFR 63, subpart AAAA effective 09/27/21.

**Emerald Park Landfill
Treatment System Monitoring Parameter Exceedances during Operation
March 2022**

Start	End	Duration	Treatment System Monitoring Parameter Exceedance
3/5/2022 19:08	3/5/2022 19:13	0.08	Blower Inlet Pressure > -5.0" w.c.
3/5/2022 19:23	3/5/2022 19:33	0.17	Blower Inlet Pressure > -5.0" w.c.
3/5/2022 19:43	3/5/2022 19:48	0.08	Blower Inlet Pressure > -5.0" w.c.
3/5/2022 19:58	3/5/2022 20:08	0.17	Blower Inlet Pressure > -5.0" w.c.
3/5/2022 20:18	3/6/2022 3:23	6.08	Blower Inlet Pressure > -5.0" w.c. for 6.08 hours of this 7.08 hour interval
3/6/2022 13:24	3/6/2022 13:29	0.08	Blower Inlet Pressure > -5.0" w.c.
3/7/2022 2:44	3/7/2022 2:49	0.08	Blower Inlet Pressure > -5.0" w.c.
3/8/2022 20:49	3/8/2022 21:44	0.75	Blower Inlet Pressure > -5.0" w.c. for 0.75 hours of this 0.92 hour interval
3/8/2022 22:24	3/9/2022 1:14	2.83	Blower Inlet Pressure > -5.0" w.c.
3/9/2022 1:24	3/9/2022 6:29	5.08	Blower Inlet Pressure > -5.0" w.c.
3/22/2022 5:55	3/22/2022 6:00	0.08	Blower Inlet Pressure > -5.0" w.c.
3/30/2022 20:41	3/30/2022 20:46	0.08	Blower Inlet Pressure > -5.0" w.c.
Total Duration:			15.58

Note:

Treatment system monitoring parameter exceedances apply only during times of operation after the applicability of the significant amendments to 40 CFR 63, subpart AAAAA effective 09/27/21.

Emerald Park Landfill
Treatment System Monitoring Parameter Exceedances during Operation
April 2022

Start	End	Duration	Treatment System Monitoring Parameter Exceedance
4/7/2022 10:37	4/7/2022 10:47	0.17	Blower Inlet Pressure > -5.0" w.c.
4/8/2022 8:42	4/8/2022 8:52	0.17	Blower Inlet Pressure > -5.0" w.c.
4/8/2022 10:52	4/8/2022 10:57	0.08	Blower Inlet Pressure > -5.0" w.c.
4/8/2022 23:42	4/8/2022 23:47	0.08	Blower Inlet Pressure > -5.0" w.c.
4/11/2022 12:37	4/11/2022 12:47	0.17	Blower Inlet Pressure > -5.0" w.c.
4/13/2022 5:52	4/13/2022 6:07	0.25	Blower Inlet Pressure > -5.0" w.c.
4/13/2022 6:42	4/13/2022 6:47	0.08	Blower Inlet Pressure > -5.0" w.c.
4/13/2022 8:57	4/13/2022 9:02	0.08	Blower Inlet Pressure > -5.0" w.c.
4/13/2022 9:12	4/13/2022 9:17	0.08	Blower Inlet Pressure > -5.0" w.c.
4/13/2022 10:17	4/13/2022 10:27	0.17	Blower Inlet Pressure > -5.0" w.c.
4/13/2022 12:27	4/13/2022 12:32	0.08	Blower Inlet Pressure > -5.0" w.c.
4/13/2022 13:07	4/13/2022 13:22	0.25	Blower Inlet Pressure > -5.0" w.c.
4/13/2022 14:42	4/13/2022 14:47	0.08	Blower Inlet Pressure > -5.0" w.c.
4/13/2022 17:47	4/13/2022 17:52	0.08	Blower Inlet Pressure > -5.0" w.c.
4/17/2022 0:53	4/17/2022 1:08	0.25	Blower Inlet Pressure > -5.0" w.c.
4/21/2022 13:23	4/21/2022 13:38	0.25	Blower Inlet Pressure > -5.0" w.c.
4/21/2022 13:53	4/21/2022 14:28	0.25	Blower Inlet Pressure > -5.0" w.c. for 0.25 hours of this 0.58 hour interval
4/23/2022 14:13	4/23/2022 14:43	0.50	Blower Inlet Pressure > -5.0" w.c.
4/24/2022 9:58	4/24/2022 10:38	0.25	Blower Inlet Pressure > -5.0" w.c. for 0.25 hours of this 0.67 hour interval
4/24/2022 10:53	4/24/2022 11:28	0.58	Blower Inlet Pressure > -5.0" w.c. for 0.42 hours of this 0.58 hour interval
4/24/2022 11:38	4/24/2022 13:03	1.08	Blower Inlet Pressure > -5.0" w.c. for 1.08 hours of this 1.42 hour interval
4/24/2022 13:18	4/24/2022 13:23	0.08	Blower Inlet Pressure > -5.0" w.c.
4/24/2022 13:38	4/24/2022 16:28	2.17	Blower Inlet Pressure > -5.0" w.c. for 2.17 hours of this 2.83 hour interval
4/24/2022 16:43	4/24/2022 21:23	4.67	Blower Inlet Pressure > -5.0" w.c.
4/24/2022 21:38	4/24/2022 22:28	0.83	Blower Inlet Pressure > -5.0" w.c.
4/24/2022 22:43	4/25/2022 3:08	4.42	Blower Inlet Pressure > -5.0" w.c.
4/25/2022 3:33	4/25/2022 3:53	0.33	Blower Inlet Pressure > -5.0" w.c.
4/25/2022 4:29	4/25/2022 5:29	1.00	Blower Inlet Pressure > -5.0" w.c.
4/25/2022 5:44	4/25/2022 6:14	0.50	Blower Inlet Pressure > -5.0" w.c.
4/30/2022 19:54	4/30/2022 20:24	0.42	Blower Inlet Pressure > -5.0" w.c. for 0.42 hours of this 0.50 hour interval
4/30/2022 20:39	4/30/2022 20:59	0.33	Blower Inlet Pressure > -5.0" w.c.

Emerald Park Landfill
Treatment System Monitoring Parameter Exceedances during Operation
April 2022

Start	End	Duration	Treatment System Monitoring Parameter Exceedance
4/30/2022 21:14	4/30/2022 22:09	0.92	Blower Inlet Pressure > -5.0" w.c. for 0.67 hours of this 0.92 hour interval
4/30/2022 22:34	5/1/2022 0:00	1.42	Blower Inlet Pressure > -5.0" w.c.
Total Duration: 22.09			

Note:

Treatment system monitoring parameter exceedances apply only during times of operation after the applicability of the significant amendments to 40 CFR 63, subpart AAAA effective 09/27/21.

**Emerald Park Landfill
Treatment System Monitoring Parameter Exceedances during Operation
May 2022**

Start	End	Duration	Treatment System Monitoring Parameter Exceedance
5/1/2022 0:00	5/1/2022 0:19	0.33	Blower Inlet Pressure > -5.0" w.c.
5/1/2022 0:44	5/1/2022 1:14	0.50	Blower Inlet Pressure > -5.0" w.c.
5/1/2022 4:19	5/1/2022 6:09	1.83	Blower Inlet Pressure > -5.0" w.c.
5/1/2022 6:49	5/1/2022 8:14	1.42	Blower Inlet Pressure > -5.0" w.c.
5/1/2022 8:49	5/1/2022 15:34	6.75	Blower Inlet Pressure > -5.0" w.c.
5/4/2022 1:29	5/4/2022 1:34	0.08	Blower Inlet Pressure > -5.0" w.c.
Total Duration:		10.91	

Note:

Treatment system monitoring parameter exceedances apply only during times of operation after the applicability of the significant amendments to 40 CFR 63, subpart AAAA effective 09/27/21.

Attachment 2

Emerald Park Landfill**Gas Extraction Well GW-68R - Downhole well temperatures**

Date (dd-mm-yyyy hh:mm:ss)	Depth 25'	Date (dd-mm-yyyy hh:mm:ss)	Depth 50'
07-01-2022 09:06:38	138.00	07-01-2022 09:08:11	145.90
07-01-2022 08:51:38	138.00	07-01-2022 08:53:11	146.00
07-01-2022 08:36:38	138.00	07-01-2022 08:38:11	146.10
07-01-2022 08:21:38	138.00	07-01-2022 08:23:11	146.00
07-01-2022 08:06:38	138.00	07-01-2022 08:08:11	146.10
07-01-2022 07:51:38	138.00	07-01-2022 07:53:11	146.10
07-01-2022 07:36:38	138.10	07-01-2022 07:38:11	146.20
07-01-2022 07:21:38	138.00	07-01-2022 07:23:11	146.10
07-01-2022 07:06:38	138.00	07-01-2022 07:08:11	146.10
07-01-2022 06:51:38	137.90	07-01-2022 06:53:11	145.90
07-01-2022 06:36:38	137.90	07-01-2022 06:38:11	145.90
07-01-2022 06:21:38	137.90	07-01-2022 06:23:11	146.00
07-01-2022 06:06:38	137.90	07-01-2022 06:08:11	146.00
07-01-2022 05:51:38	137.90	07-01-2022 05:53:11	146.00
07-01-2022 05:36:38	137.90	07-01-2022 05:38:11	145.90
07-01-2022 05:21:38	137.90	07-01-2022 05:23:11	145.90
07-01-2022 05:06:38	137.90	07-01-2022 05:08:11	145.90
07-01-2022 04:51:38	138.00	07-01-2022 04:53:11	146.00
07-01-2022 04:36:38	137.90	07-01-2022 04:38:11	145.90
07-01-2022 04:21:38	138.00	07-01-2022 04:23:11	145.90
07-01-2022 04:06:38	137.90	07-01-2022 04:08:11	146.00
07-01-2022 03:51:38	137.90	07-01-2022 03:53:11	145.90
07-01-2022 03:36:38	137.90	07-01-2022 03:38:11	146.00
07-01-2022 03:21:38	137.90	07-01-2022 03:23:11	146.00
07-01-2022 03:06:38	137.90	07-01-2022 03:08:11	146.00
07-01-2022 02:51:38	137.90	07-01-2022 02:53:11	146.00
07-01-2022 02:36:38	137.90	07-01-2022 02:38:11	146.00
07-01-2022 02:21:38	137.90	07-01-2022 02:23:11	145.90
07-01-2022 02:06:38	137.90	07-01-2022 02:08:11	146.00
07-01-2022 01:51:38	137.90	07-01-2022 01:53:11	146.00
07-01-2022 01:36:38	137.90	07-01-2022 01:38:11	146.00
07-01-2022 01:21:38	137.90	07-01-2022 01:23:11	146.20
07-01-2022 01:06:38	138.00	07-01-2022 01:08:11	145.90
07-01-2022 00:51:38	138.00	07-01-2022 00:53:11	146.00
07-01-2022 00:36:38	138.00	07-01-2022 00:38:11	146.10
07-01-2022 00:21:38	138.00	07-01-2022 00:23:11	146.00
07-01-2022 00:06:38	138.00	07-01-2022 00:08:11	146.10
06-01-2022 23:51:38	138.00	06-01-2022 23:53:11	146.10
06-01-2022 23:36:38	138.00	06-01-2022 23:38:11	146.20
06-01-2022 23:21:38	138.00	06-01-2022 23:23:11	146.10
06-01-2022 23:06:38	138.00	06-01-2022 23:08:11	146.20
06-01-2022 22:51:38	138.00	06-01-2022 22:53:11	146.00
06-01-2022 22:36:38	138.00	06-01-2022 22:38:11	146.20
06-01-2022 22:21:38	138.10	06-01-2022 22:23:11	146.20
06-01-2022 22:06:38	138.10	06-01-2022 22:08:11	146.10
06-01-2022 21:51:38	138.10	06-01-2022 21:53:11	146.20
06-01-2022 21:36:38	138.10	06-01-2022 21:38:11	146.10
06-01-2022 21:21:38	138.00	06-01-2022 21:23:11	146.20
06-01-2022 21:06:38	138.00	06-01-2022 21:08:11	146.20

Emerald Park Landfill**Gas Extraction Well GW-68R - Downhole well temperatures**

Date (dd-mm-yyyy hh:mm:ss)	Depth 25'	Date (dd-mm-yyyy hh:mm:ss)	Depth 50'
06-01-2022 20:51:38	138.10	06-01-2022 20:53:11	146.10
06-01-2022 20:36:38	138.10	06-01-2022 20:38:11	146.20
06-01-2022 20:21:38	138.10	06-01-2022 20:23:11	146.20
06-01-2022 20:06:38	138.00	06-01-2022 20:08:11	146.20
06-01-2022 19:51:38	138.10	06-01-2022 19:53:11	146.20
06-01-2022 19:36:38	138.10	06-01-2022 19:38:11	146.30
06-01-2022 19:21:38	138.10	06-01-2022 19:23:11	146.20
06-01-2022 19:06:38	138.20	06-01-2022 19:08:11	146.50
06-01-2022 18:51:38	138.10	06-01-2022 18:53:11	146.10
06-01-2022 18:36:38	138.10	06-01-2022 18:38:11	146.00
06-01-2022 18:21:38	138.10	06-01-2022 18:23:11	146.20
06-01-2022 18:06:38	138.10	06-01-2022 18:08:11	146.20
06-01-2022 17:51:38	138.10	06-01-2022 17:53:11	146.20
06-01-2022 17:36:38	138.10	06-01-2022 17:38:11	146.30
06-01-2022 17:21:38	138.10	06-01-2022 17:23:11	146.20
06-01-2022 17:06:38	138.10	06-01-2022 17:08:11	146.10
06-01-2022 16:51:38	138.10	06-01-2022 16:53:11	146.20
06-01-2022 16:36:38	138.10	06-01-2022 16:38:11	146.20
06-01-2022 16:21:38	138.10	06-01-2022 16:23:11	146.20
06-01-2022 16:06:38	138.20	06-01-2022 16:08:11	146.20
06-01-2022 15:51:38	138.10	06-01-2022 15:53:11	146.00
06-01-2022 15:36:38	138.10	06-01-2022 15:38:11	146.20
06-01-2022 15:21:38	138.20	06-01-2022 15:23:11	146.30
06-01-2022 15:06:38	138.20	06-01-2022 15:08:11	146.30
06-01-2022 14:51:38	138.20	06-01-2022 14:53:11	146.30
06-01-2022 14:36:38	138.10	06-01-2022 14:38:11	146.30
06-01-2022 14:21:38	138.20	06-01-2022 14:23:11	146.20
06-01-2022 14:06:38	138.20	06-01-2022 14:08:11	146.30
06-01-2022 13:51:38	138.20	06-01-2022 13:53:11	146.20
06-01-2022 13:36:38	138.20	06-01-2022 13:38:11	146.40
06-01-2022 13:21:38	138.20	06-01-2022 13:23:11	146.30
06-01-2022 13:06:38	138.30	06-01-2022 13:08:11	146.40
06-01-2022 12:51:38	138.20	06-01-2022 12:53:11	146.50
06-01-2022 12:36:38	138.30	06-01-2022 12:38:11	146.50
06-01-2022 12:21:38	138.30	06-01-2022 12:23:11	146.50
06-01-2022 12:06:38	138.20	06-01-2022 12:08:11	146.40
06-01-2022 11:51:38	138.30	06-01-2022 11:53:11	146.40
06-01-2022 11:36:38	138.30	06-01-2022 11:38:11	146.30
06-01-2022 11:21:38	138.30	06-01-2022 11:23:11	146.50
06-01-2022 11:06:38	138.30	06-01-2022 11:08:11	146.50
06-01-2022 10:51:38	138.30	06-01-2022 10:53:11	146.50
06-01-2022 10:36:38	138.50	06-01-2022 10:38:11	146.60
06-01-2022 10:21:38	138.40	06-01-2022 10:23:11	146.40
06-01-2022 10:06:38	138.40	06-01-2022 10:08:11	146.60
06-01-2022 09:51:38	138.50	06-01-2022 09:53:11	146.60
06-01-2022 09:36:38	138.60	06-01-2022 09:38:11	146.80

Note: - Indicates a downhole temperature readings >170 deg. F.

Emerald Park Landfill**Gas Extraction Well GW-68R - Downhole well temperatures**

Date (dd-mm-yyyy hh:mm:ss)	Depth 75'	Date (dd-mm-yyyy hh:mm:ss)	Depth 100'
07-01-2022 09:09:40	158.70	07-01-2022 09:11:28	172.10
07-01-2022 08:54:40	158.70	07-01-2022 08:56:28	172.00
07-01-2022 08:39:40	158.70	07-01-2022 08:41:28	172.00
07-01-2022 08:24:40	158.70	07-01-2022 08:26:28	172.10
07-01-2022 08:09:40	158.70	07-01-2022 08:11:28	172.10
07-01-2022 07:54:40	158.60	07-01-2022 07:56:28	172.10
07-01-2022 07:39:40	158.50	07-01-2022 07:41:28	172.10
07-01-2022 07:24:40	158.50	07-01-2022 07:26:28	172.10
07-01-2022 07:09:40	158.50	07-01-2022 07:11:28	172.00
07-01-2022 06:54:40	158.60	07-01-2022 06:56:28	172.00
07-01-2022 06:39:40	158.50	07-01-2022 06:41:28	172.10
07-01-2022 06:24:40	158.50	07-01-2022 06:26:28	172.00
07-01-2022 06:09:40	158.60	07-01-2022 06:11:28	172.10
07-01-2022 05:54:40	158.50	07-01-2022 05:56:28	172.10
07-01-2022 05:39:40	158.50	07-01-2022 05:41:28	172.10
07-01-2022 05:24:40	158.50	07-01-2022 05:26:28	172.10
07-01-2022 05:09:40	158.50	07-01-2022 05:11:28	172.10
07-01-2022 04:54:40	158.50	07-01-2022 04:56:28	172.10
07-01-2022 04:39:40	158.50	07-01-2022 04:41:28	172.10
07-01-2022 04:24:40	158.50	07-01-2022 04:26:28	172.10
07-01-2022 04:09:40	158.50	07-01-2022 04:11:28	172.10
07-01-2022 03:54:40	158.50	07-01-2022 03:56:28	172.10
07-01-2022 03:39:40	158.60	07-01-2022 03:41:28	172.10
07-01-2022 03:24:40	158.60	07-01-2022 03:26:28	172.10
07-01-2022 03:09:40	158.50	07-01-2022 03:11:28	172.10
07-01-2022 02:54:40	158.50	07-01-2022 02:56:28	172.10
07-01-2022 02:39:40	158.50	07-01-2022 02:41:28	172.10
07-01-2022 02:24:40	158.50	07-01-2022 02:26:28	172.10
07-01-2022 02:09:40	158.40	07-01-2022 02:11:28	172.10
07-01-2022 01:54:40	158.60	07-01-2022 01:56:28	172.10
07-01-2022 01:39:40	158.50	07-01-2022 01:41:28	172.10
07-01-2022 01:24:40	158.50	07-01-2022 01:26:28	172.10
07-01-2022 01:09:40	158.60	07-01-2022 01:11:28	172.10
07-01-2022 00:54:40	158.60	07-01-2022 00:56:28	172.10
07-01-2022 00:39:40	158.50	07-01-2022 00:41:28	172.10
07-01-2022 00:24:40	158.70	07-01-2022 00:26:28	172.10
07-01-2022 00:09:40	158.60	07-01-2022 00:11:28	172.10
06-01-2022 23:54:40	158.70	06-01-2022 23:56:28	172.10
06-01-2022 23:39:40	158.70	06-01-2022 23:41:28	172.10
06-01-2022 23:24:40	158.50	06-01-2022 23:26:28	172.10
06-01-2022 23:09:40	158.60	06-01-2022 23:11:28	172.10
06-01-2022 22:54:40	158.60	06-01-2022 22:56:28	172.10
06-01-2022 22:39:40	158.60	06-01-2022 22:41:28	172.10
06-01-2022 22:24:40	158.60	06-01-2022 22:26:28	172.10
06-01-2022 22:09:40	158.60	06-01-2022 22:11:28	172.10
06-01-2022 21:54:40	158.50	06-01-2022 21:56:28	172.10
06-01-2022 21:39:40	158.70	06-01-2022 21:41:28	172.10
06-01-2022 21:24:40	158.70	06-01-2022 21:26:28	172.10
06-01-2022 21:09:40	158.70	06-01-2022 21:11:28	172.10

Emerald Park Landfill

Gas Extraction Well GW-68R - Downhole well temperatures

Date (dd-mm-yyyy hh:mm:ss)	Depth 75'	Date (dd-mm-yyyy hh:mm:ss)	Depth 100'
06-01-2022 20:54:40	158.70	06-01-2022 20:56:28	172.10
06-01-2022 20:39:40	158.60	06-01-2022 20:41:28	172.10
06-01-2022 20:24:40	158.60	06-01-2022 20:26:28	172.10
06-01-2022 20:09:40	158.70	06-01-2022 20:11:28	172.10
06-01-2022 19:54:40	158.70	06-01-2022 19:56:28	172.10
06-01-2022 19:39:40	158.70	06-01-2022 19:41:28	172.10
06-01-2022 19:24:40	158.70	06-01-2022 19:26:28	172.10
06-01-2022 19:09:40	158.50	06-01-2022 19:11:28	172.10
06-01-2022 18:54:40	158.60	06-01-2022 18:56:28	172.10
06-01-2022 18:39:40	158.70	06-01-2022 18:41:28	172.10
06-01-2022 18:24:40	158.70	06-01-2022 18:26:28	172.10
06-01-2022 18:09:40	158.70	06-01-2022 18:11:28	172.10
06-01-2022 17:54:40	158.70	06-01-2022 17:56:28	172.10
06-01-2022 17:39:40	158.60	06-01-2022 17:41:28	172.10
06-01-2022 17:24:40	158.70	06-01-2022 17:26:28	172.10
06-01-2022 17:09:40	158.70	06-01-2022 17:11:28	172.10
06-01-2022 16:54:40	158.90	06-01-2022 16:56:28	172.10
06-01-2022 16:39:40	158.70	06-01-2022 16:41:28	172.10
06-01-2022 16:24:40	158.80	06-01-2022 16:26:28	172.10
06-01-2022 16:09:40	158.80	06-01-2022 16:11:28	172.10
06-01-2022 15:54:40	158.90	06-01-2022 15:56:28	172.10
06-01-2022 15:39:40	158.80	06-01-2022 15:41:28	172.10
06-01-2022 15:24:40	158.80	06-01-2022 15:26:28	172.10
06-01-2022 15:09:40	158.60	06-01-2022 15:11:28	172.10
06-01-2022 14:54:40	158.70	06-01-2022 14:56:28	172.10
06-01-2022 14:39:40	158.70	06-01-2022 14:41:28	172.10
06-01-2022 14:24:40	158.80	06-01-2022 14:26:28	172.10
06-01-2022 14:09:40	158.70	06-01-2022 14:11:28	172.10
06-01-2022 13:54:40	158.80	06-01-2022 13:56:28	172.10
06-01-2022 13:39:40	158.80	06-01-2022 13:41:28	172.10
06-01-2022 13:24:40	158.90	06-01-2022 13:26:28	172.10
06-01-2022 13:09:40	158.80	06-01-2022 13:11:28	172.10
06-01-2022 12:54:40	158.90	06-01-2022 12:56:28	172.10
06-01-2022 12:39:40	158.90	06-01-2022 12:41:28	172.10
06-01-2022 12:24:40	158.80	06-01-2022 12:26:28	172.10
06-01-2022 12:09:40	158.80	06-01-2022 12:11:28	172.10
06-01-2022 11:54:40	158.90	06-01-2022 11:56:28	172.10
06-01-2022 11:39:40	158.80	06-01-2022 11:41:28	172.10
06-01-2022 11:24:40	158.80	06-01-2022 11:26:28	172.10
06-01-2022 11:09:40	158.80	06-01-2022 11:11:28	172.10
06-01-2022 10:54:40	158.90	06-01-2022 10:56:28	172.10
06-01-2022 10:39:40	158.70	06-01-2022 10:41:28	172.10
06-01-2022 10:24:40	158.90	06-01-2022 10:26:28	172.10
06-01-2022 10:09:40	158.70	06-01-2022 10:11:28	172.10
06-01-2022 09:54:40	158.60	06-01-2022 09:56:28	172.10
06-01-2022 09:39:40	158.70	06-01-2022 09:41:28	172.10

Note:

 - Indicates a downhole temperature readings >170 deg. F.


Emerald Park Landfill**Gas Extraction Well GW-68R - Downhole well temperatures**

Date (dd-mm-yyyy hh:mm:ss)	Depth 25'	Date (dd-mm-yyyy hh:mm:ss)	Depth 50'
31-03-2022 10:26:36	124.20	31-03-2022 10:27:59	140.20
31-03-2022 10:11:36	124.30	31-03-2022 10:12:59	140.20
31-03-2022 09:56:36	124.30	31-03-2022 09:57:59	140.20
31-03-2022 09:41:36	124.40	31-03-2022 09:42:59	140.20
31-03-2022 09:26:36	124.40	31-03-2022 09:27:59	140.20
31-03-2022 09:11:36	124.40	31-03-2022 09:12:59	140.20
31-03-2022 08:56:36	124.40	31-03-2022 08:57:59	140.20
31-03-2022 08:41:36	124.50	31-03-2022 08:42:59	140.30
31-03-2022 08:26:36	124.60	31-03-2022 08:27:59	140.40
31-03-2022 08:11:36	124.70	31-03-2022 08:12:59	140.40
31-03-2022 07:56:36	124.70	31-03-2022 07:57:59	140.50
31-03-2022 07:41:36	124.80	31-03-2022 07:42:59	140.60
31-03-2022 07:26:36	124.90	31-03-2022 07:27:59	140.70
31-03-2022 07:11:36	125.00	31-03-2022 07:12:59	140.80
31-03-2022 06:56:36	125.10	31-03-2022 06:57:59	140.90
31-03-2022 06:41:36	125.20	31-03-2022 06:42:59	141.10
31-03-2022 06:26:36	125.30	31-03-2022 06:27:59	141.20
31-03-2022 06:11:36	125.30	31-03-2022 06:12:59	141.30
31-03-2022 05:56:36	125.40	31-03-2022 05:57:59	141.40
31-03-2022 05:41:36	125.50	31-03-2022 05:42:59	141.60
31-03-2022 05:26:36	125.50	31-03-2022 05:27:59	141.80
31-03-2022 05:11:36	125.60	31-03-2022 05:12:59	142.00
31-03-2022 04:56:36	125.70	31-03-2022 04:57:59	142.20
31-03-2022 04:41:36	125.80	31-03-2022 04:42:59	142.50
31-03-2022 04:26:36	125.90	31-03-2022 04:27:59	142.80
31-03-2022 04:11:36	126.10	31-03-2022 04:12:59	143.00
31-03-2022 03:56:36	126.30	31-03-2022 03:57:59	143.10
31-03-2022 03:41:36	126.60	31-03-2022 03:42:59	143.10
31-03-2022 03:26:36	126.80	31-03-2022 03:27:59	143.10
31-03-2022 03:11:36	126.90	31-03-2022 03:12:59	142.90
31-03-2022 02:56:36	126.90	31-03-2022 02:57:59	142.80
31-03-2022 02:41:36	127.00	31-03-2022 02:42:59	142.80
31-03-2022 02:26:36	127.00	31-03-2022 02:27:59	142.60
31-03-2022 02:11:36	127.00	31-03-2022 02:12:59	142.30
31-03-2022 01:56:36	127.00	31-03-2022 01:57:59	142.10
31-03-2022 01:41:36	126.90	31-03-2022 01:42:59	141.90
31-03-2022 01:26:36	126.80	31-03-2022 01:27:59	141.50
31-03-2022 01:11:36	126.60	31-03-2022 01:12:59	141.00
31-03-2022 00:56:36	126.20	31-03-2022 00:57:59	140.40
31-03-2022 00:41:36	125.60	31-03-2022 00:42:59	139.90
31-03-2022 00:26:36	124.20	31-03-2022 00:27:59	139.40
31-03-2022 00:11:36	122.40	31-03-2022 00:12:59	139.30
30-03-2022 23:56:36	120.70	30-03-2022 23:57:59	139.90
30-03-2022 23:41:36	119.80	30-03-2022 23:42:59	141.00
30-03-2022 23:26:36	120.20	30-03-2022 23:27:59	140.90
30-03-2022 23:11:36	119.80	30-03-2022 23:12:59	140.90
30-03-2022 22:56:36	120.90	30-03-2022 22:57:59	140.90
30-03-2022 22:41:36	123.60	30-03-2022 22:42:59	140.90
30-03-2022 22:26:36	125.30	30-03-2022 22:27:59	140.90
30-03-2022 22:11:36	126.50	30-03-2022 22:12:59	140.90

Emerald Park Landfill**Gas Extraction Well GW-68R - Downhole well temperatures**

Date (dd-mm-yyyy hh:mm:ss)	Depth 25'	Date (dd-mm-yyyy hh:mm:ss)	Depth 50'
30-03-2022 21:56:36	128.50	30-03-2022 21:57:59	141.00
30-03-2022 21:41:36	131.70	30-03-2022 21:42:59	140.90
30-03-2022 21:26:36	132.90	30-03-2022 21:27:59	140.90
30-03-2022 21:11:36	132.60	30-03-2022 21:12:59	140.90
30-03-2022 20:56:36	132.50	30-03-2022 20:57:59	140.90
30-03-2022 20:41:36	132.50	30-03-2022 20:42:59	140.80
30-03-2022 20:26:36	131.70	30-03-2022 20:27:59	140.60
30-03-2022 20:11:36	131.60	30-03-2022 20:12:59	140.60
30-03-2022 19:56:36	131.70	30-03-2022 19:57:59	140.70
30-03-2022 19:41:36	131.50	30-03-2022 19:42:59	141.20
30-03-2022 19:26:36	131.00	30-03-2022 19:27:59	141.30
30-03-2022 19:11:36	129.80	30-03-2022 19:12:59	141.10
30-03-2022 18:56:36	128.60	30-03-2022 18:57:59	140.90
30-03-2022 18:41:36	128.40	30-03-2022 18:42:59	140.70
30-03-2022 18:26:36	128.40	30-03-2022 18:27:59	140.50
30-03-2022 18:11:36	128.40	30-03-2022 18:12:59	140.40
30-03-2022 17:56:36	128.50	30-03-2022 17:57:59	140.30
30-03-2022 17:41:36	128.50	30-03-2022 17:42:59	140.20
30-03-2022 17:26:36	128.60	30-03-2022 17:27:59	140.00
30-03-2022 17:11:36	128.60	30-03-2022 17:12:59	139.90
30-03-2022 16:56:36	128.70	30-03-2022 16:57:59	139.80
30-03-2022 16:41:36	128.80	30-03-2022 16:42:59	139.70
30-03-2022 16:26:36	128.90	30-03-2022 16:27:59	139.70
30-03-2022 16:11:36	129.00	30-03-2022 16:12:59	139.70
30-03-2022 15:56:36	129.20	30-03-2022 15:57:59	139.70
30-03-2022 15:41:36	129.40	30-03-2022 15:42:59	139.60
30-03-2022 15:26:36	129.60	30-03-2022 15:27:59	139.50
30-03-2022 15:11:36	129.50	30-03-2022 15:12:59	139.40
30-03-2022 14:56:36	129.40	30-03-2022 14:57:59	139.30
30-03-2022 14:41:36	129.30	30-03-2022 14:42:59	139.00
30-03-2022 14:26:36	129.40	30-03-2022 14:27:59	138.90
30-03-2022 14:11:36	129.40	30-03-2022 14:12:59	138.80
30-03-2022 13:56:36	129.50	30-03-2022 13:57:59	138.60
30-03-2022 13:41:36	129.60	30-03-2022 13:42:59	138.50
30-03-2022 13:26:36	129.60	30-03-2022 13:27:59	138.40
30-03-2022 13:11:36	129.70	30-03-2022 13:12:59	138.30
30-03-2022 12:56:36	129.80	30-03-2022 12:57:59	138.20
30-03-2022 12:41:36	129.90	30-03-2022 12:42:59	138.10
30-03-2022 12:26:36	130.00	30-03-2022 12:27:59	138.10
30-03-2022 12:11:36	130.00	30-03-2022 12:12:59	137.90
30-03-2022 11:56:36	130.10	30-03-2022 11:57:59	137.80
30-03-2022 11:41:36	130.10	30-03-2022 11:42:59	137.60
30-03-2022 11:26:36	130.10	30-03-2022 11:27:59	137.30
30-03-2022 11:11:36	129.90	30-03-2022 11:12:59	137.00
30-03-2022 10:56:36	129.60	30-03-2022 10:57:59	136.20

Note:

 - Indicates a downhole temperature readings >170 deg. F.

Emerald Park Landfill


Gas Extraction Well GW-68R - Downhole well temperatures

Date (dd-mm-yyyy hh:mm:ss)	Depth 75'	Date (dd-mm-yyyy hh:mm:ss)	Depth 100'
31-03-2022 10:29:24	156.70	31-03-2022 02:40:44	169.90
31-03-2022 10:14:24	156.70	31-03-2022 02:30:44	169.90
31-03-2022 09:59:24	156.70	31-03-2022 02:20:44	169.90
31-03-2022 09:44:24	156.80	31-03-2022 02:10:44	169.90
31-03-2022 09:29:24	156.90	31-03-2022 02:00:44	169.90
31-03-2022 09:14:24	156.90	31-03-2022 01:50:44	169.90
31-03-2022 08:59:24	156.90	31-03-2022 01:40:44	169.90
31-03-2022 08:44:24	157.00	31-03-2022 01:30:44	169.90
31-03-2022 08:29:24	157.10	31-03-2022 01:20:44	169.90
31-03-2022 08:14:24	157.10	31-03-2022 01:10:44	169.90
31-03-2022 07:59:24	157.20	31-03-2022 01:00:44	169.90
31-03-2022 07:44:24	157.30	31-03-2022 00:50:44	169.90
31-03-2022 07:29:24	157.40	31-03-2022 00:40:44	170.00
31-03-2022 07:14:24	157.40	31-03-2022 00:30:44	170.00
31-03-2022 06:59:24	157.50	31-03-2022 00:20:44	169.90
31-03-2022 06:44:24	157.60	31-03-2022 00:10:44	170.00
31-03-2022 06:29:24	157.50	31-03-2022 00:00:44	169.90
31-03-2022 06:14:24	157.70	30-03-2022 23:50:44	169.90
31-03-2022 05:59:24	157.70	30-03-2022 23:40:44	169.90
31-03-2022 05:44:24	157.80	30-03-2022 23:30:44	170.00
31-03-2022 05:29:24	157.80	30-03-2022 23:20:44	170.00
31-03-2022 05:14:24	157.90	30-03-2022 23:10:44	170.00
31-03-2022 04:59:24	158.00	30-03-2022 23:00:44	169.90
31-03-2022 04:44:24	158.00	30-03-2022 22:50:44	170.00
31-03-2022 04:29:24	158.00	30-03-2022 22:40:44	169.90
31-03-2022 04:14:24	158.10	30-03-2022 22:30:44	170.00
31-03-2022 03:59:24	158.20	30-03-2022 22:20:44	170.00
31-03-2022 03:44:24	158.30	30-03-2022 22:10:44	170.00
31-03-2022 03:29:24	158.30	30-03-2022 22:00:44	170.00
31-03-2022 03:14:24	158.30	30-03-2022 21:50:44	170.00
31-03-2022 02:59:24	158.30	30-03-2022 21:40:44	170.00
31-03-2022 02:44:24	158.40	30-03-2022 21:30:44	170.00
31-03-2022 02:29:24	158.10	30-03-2022 21:20:44	170.00
31-03-2022 02:14:24	158.00	30-03-2022 21:10:44	170.00
31-03-2022 01:59:24	158.50	30-03-2022 21:00:44	170.00
31-03-2022 01:44:24	158.60	30-03-2022 20:50:44	170.00
31-03-2022 01:29:24	158.50	30-03-2022 20:40:44	170.00
31-03-2022 01:14:24	158.50	30-03-2022 20:30:44	170.00
31-03-2022 00:59:24	158.50	30-03-2022 20:20:44	170.00
31-03-2022 00:44:24	158.50	30-03-2022 20:10:44	170.00
31-03-2022 00:29:24	158.50	30-03-2022 20:00:44	170.00
31-03-2022 00:14:24	158.50	30-03-2022 19:50:44	170.00
30-03-2022 23:59:24	158.50	30-03-2022 19:40:44	170.00
30-03-2022 23:44:24	158.60	30-03-2022 19:30:44	170.10
30-03-2022 23:29:24	158.50	30-03-2022 19:20:44	170.00
30-03-2022 23:14:24	158.50	30-03-2022 19:10:44	170.00
30-03-2022 22:59:24	158.40	30-03-2022 19:00:44	170.00
30-03-2022 22:44:24	158.30	30-03-2022 18:50:44	170.00
30-03-2022 22:29:24	158.30	30-03-2022 18:40:44	170.10
30-03-2022 22:14:24	158.10	30-03-2022 18:30:44	170.00

Emerald Park Landfill
Gas Extraction Well GW-68R - Downhole well temperatures

Date (dd-mm-yyyy hh:mm:ss)	Depth 75'	Date (dd-mm-yyyy hh:mm:ss)	Depth 100'
30-03-2022 21:59:24	158.00	30-03-2022 18:20:44	170.10
30-03-2022 21:44:24	157.90	30-03-2022 18:10:44	170.10
30-03-2022 21:29:24	157.90	30-03-2022 18:00:44	170.10
30-03-2022 21:14:24	157.60	30-03-2022 17:50:44	170.10
30-03-2022 20:59:24	157.60	30-03-2022 17:40:44	170.10
30-03-2022 20:44:24	157.50	30-03-2022 17:30:44	170.00
30-03-2022 20:29:24	157.30	30-03-2022 17:20:44	170.10
30-03-2022 20:14:24	157.10	30-03-2022 17:10:44	170.10
30-03-2022 19:59:24	157.00	30-03-2022 17:00:44	170.10
30-03-2022 19:44:24	156.90	30-03-2022 16:50:44	170.10
30-03-2022 19:29:24	156.70	30-03-2022 16:40:44	170.10
30-03-2022 19:14:24	156.60	30-03-2022 16:30:44	170.10
30-03-2022 18:59:24	156.40	30-03-2022 16:20:44	170.10
30-03-2022 18:44:24	156.30	30-03-2022 16:10:44	170.10
30-03-2022 18:29:24	156.20	30-03-2022 16:00:44	170.10
30-03-2022 18:14:24	156.10	30-03-2022 15:50:44	170.10
30-03-2022 17:59:24	156.00	30-03-2022 15:40:44	170.10
30-03-2022 17:44:24	155.90	30-03-2022 15:30:44	170.10
30-03-2022 17:29:24	155.80	30-03-2022 15:20:44	170.10
30-03-2022 17:14:24	155.70	30-03-2022 15:10:44	170.10
30-03-2022 16:59:24	155.60	30-03-2022 15:00:44	170.20
30-03-2022 16:44:24	155.60	30-03-2022 14:50:44	170.20
30-03-2022 16:29:24	155.50	30-03-2022 14:40:44	170.20
30-03-2022 16:14:24	155.50	30-03-2022 14:30:44	170.20
30-03-2022 15:59:24	155.50	30-03-2022 14:20:44	170.20
30-03-2022 15:44:24	155.40	30-03-2022 14:10:44	170.10
30-03-2022 15:29:24	155.20	30-03-2022 14:00:44	170.20
30-03-2022 15:14:24	155.00	30-03-2022 13:50:44	170.20
30-03-2022 14:59:24	154.90	30-03-2022 13:40:44	170.20
30-03-2022 14:44:24	154.50	30-03-2022 13:30:44	170.20
30-03-2022 14:29:24	154.40	30-03-2022 13:20:44	170.20
30-03-2022 14:14:24	154.40	30-03-2022 13:10:44	170.20
30-03-2022 13:59:24	154.30	30-03-2022 13:00:44	170.20
30-03-2022 13:44:24	154.30	30-03-2022 12:50:44	170.20
30-03-2022 13:29:24	154.20	30-03-2022 12:40:44	170.20
30-03-2022 13:14:24	154.30	30-03-2022 12:30:44	170.20
30-03-2022 12:59:24	154.20	30-03-2022 12:20:44	170.20
30-03-2022 12:44:24	154.00	30-03-2022 12:10:44	170.20
30-03-2022 12:29:24	153.90	30-03-2022 12:00:44	170.30
30-03-2022 12:14:24	153.70	30-03-2022 11:50:44	170.30
30-03-2022 11:59:24	153.50	30-03-2022 11:40:44	170.20
30-03-2022 11:44:24	153.40	30-03-2022 11:30:44	170.20
30-03-2022 11:29:24	153.10	30-03-2022 11:20:44	170.30
30-03-2022 11:14:24	152.70	30-03-2022 11:10:44	170.30
30-03-2022 10:59:24	152.00	30-03-2022 11:00:44	170.30

Note:

 - Indicates a downhole temperature readings >170 deg. F.