Transmittal

West Des Moines, IA

PROJECT:	Adair County LF,FY25-27 On-Call,IA 27224370.00	DATE:	11/4/2026
SUBJECT:	Adair County Sanitary Landfill - 01-SDP-01-74C - Methane Monitoring Point Installation	TRANSMITTAL ID:	00002
PURPOSE:	For your approval	VIA:	Info Exchange

FROM

NAME	COMPANY	EMAIL	PHONE
Sean Marczewski West Des Moines, IA	SCS Engineers	SMarczewski@scsengineers.com	+1-515-631-6152

TO

NAME	COMPANY	EMAIL	PHONE
Brad Davison		brad.davison@dnr.iowa.gov	

REMARKS:

Brad -

SCS Engineers, on behalf of the Adair County Sanitary Landfill and Recycling Center Commission, is submitting for download the Methane Monitoring Point Installation Documentation for the Adair County Sanitary Landfill. If you have any questions or comments, please let me know.

Thanks,

Sean Marczewski
Senior Project Professional
smarczewski@scsengineers.com
O: 515-631-6152
M: 712-661-9682
1690 All-State Court, Suite 100
West Des Moines, Iowa 50265

DESCRIPTION OF CONTENTS

QTY	DATED	TITLE	NOTES
1	11/4/2026	2026-11_04_Adair County Sanitary Landfill_Methane Monitoring Point Installation_v1.0.pdf	

COPIES:

Transmittal

DATE: 11/4/2026
TRANSMITTAL ID: 00002

Sean Marczewski	(SCS Engineers)
DJ Luhrs	(Adair County Sanitary Landfill & Recycling Center Commission)
Nathan Ohrt	(SCS Engineers)
Becky Jolly	

1690 All-State Court
Suite 100
West Des Moines, Iowa 50265
515-631-6160
File No. 27224370.00

November 4, 2026

Mr. Brad Davison
Iowa Department of Natural Resources
Land Quality Bureau
6200 Park Avenue
Des Moines, Iowa 50321

Subject: Methane Monitoring Point Installation
Adair County Sanitary Landfill
Permit No. 01-SDP-01-74C

Dear Brad:

SCS Engineers (SCS), on behalf of the Adair County Sanitary Landfill and Recycling Center Commission, is submitting the boring log/well construction documentation following the installation of methane monitoring point LFGW-W1N associated with the Adair County Sanitary Landfill.

In correspondence dated May 22, 2026 (Doc #117192) regarding the 2025 Landfill Gas Annual Report, the Iowa Department of Natural Resources (DNR) noted that the screen for LFGW-W1 continued to be submerged during the all-quarter monitoring events and requested a plan to address the submerged screen. SCS proposed installing a new methane monitoring point adjacent to LFGW-W1 in correspondence dated August 19, 2026 (Doc #117839), which was approved by the DNR on August 28, 2026 (Doc #117934).

Methane monitoring point LFGW-W1N was installed on October 14, 2026. A site map including the location of LFGW-W1N is included in **Figure 1**. Boring log and well construction documentation for LFGW-W1N is included in **Attachment A**.

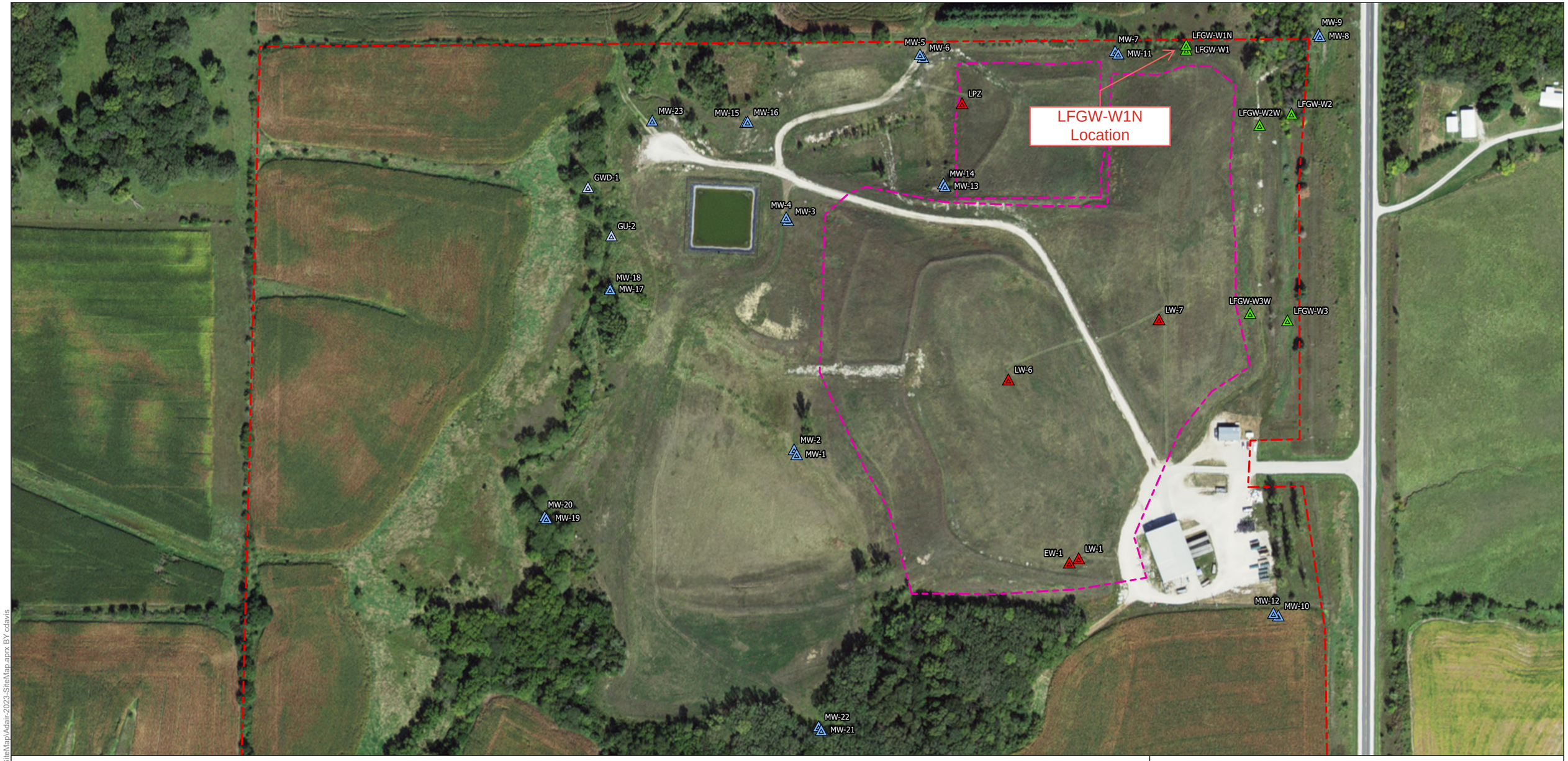
Sincerely,

Sean Marczewski
Senior Project Professional
SCS Engineers
712-661-9682
smarczewski@scsengineers.com

Nathan Ohrt
Senior Project Professional
SCS Engineers
319-331-9613
nohrt@scsengineers.com

Enclosure(s): Attachment A – Boring Log and Well Construction Documentation

CC: Mr. DJ Luhrs, Adair County Sanitary Landfill



Legend

- Monitoring Well
- Goundwater Underdrain Monitoring Point
- Landfill Gas Monitoring Well
- Leachate Monitoring Point
- Approximate Waste Boundary
- Approximate Property Boundary

N
W E
S

0 220 440
Feet

Site Map

Adair County Landfill
Menlo, IA

Figure 1	Nov 2026

SCS ENGINEERS

C:\Users\CDavis\Desktop\GIS\ADAIR\ADAIR\ADAIR\Adair-2023-SiteMap\Adair-2023-SiteMap.aprx BY cdavis

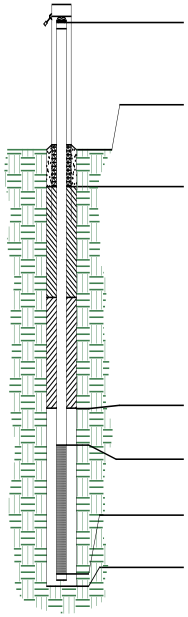
A

Attachment

BORING LOG & WELL CONSTRUCTION DOCUMENTATION

BORING LOG/MONITORING WELL CONSTRUCTION DETAIL

Monitoring Well Detail



Boring Log Detail

Material	Elevation / Depth	Sample Method	Sample Interval	Drill Method	Recovery (inches)	Strata Depth (ft)	Description
TOC	1273.81			HA		0 - 1'	Topsoil; grass
	2.0			HA		1 - 6'	Brown sandy clay
				HA		6 - 13'	Brown sandy clay with trace gravel
Ground	1271.81						
	0.0						
Bentonite Seal	1271.81						
	0.0						
Sand Pack	1269.81						
	2.0						
Well Screen	1266.81						
	3.0						
Well Bottom	1253.81						
	13.0						
Bottom of Boring	1253.81						
	13.0						

AR-Air Rotary	HS-Hollow Stem Auger	Date:	10/14/26				Driller: Sean Marczewski
AS-Auger Sample	PA-Power Auger (solid stem)	Time:	11:00 AM				Logged By: Sean Marczewski
GS-Grab Sample	SS-Split Spoon	Water Level:	Dry				Date/Time Start: 10/14/26 9:30 AM
HA-Hand Auger	WB-Wash Boring	Elevation:	N/A				Date/Time End: 10/14/26 11:00 AM

SCS ENGINEERS

Borehole Diameter:	3.0 inch	Facility:	Adair County Sanitary Landfill
Well Casing Diameter:	1.0 inch	Location:	Menlo, Iowa
Well Screen Size:	0.010 inch	Client:	Adair County Landifll and Recycling Center Commission
Permit No.:	01-SDP-01-74C	Owner:	Adair County Landifll and Recycling Center Commission
Project No.:	27224370.00	Boring/Well No:	LFGW-W1N

Drawing not to scale.

Existing topography from survey performed by Thomas Land Surveying, LLC on July 11, 2012.

\\des-fs01\DesMoines\Project\27224370.00\Data and Calculations\LFGW-W1N Installation\LFGW-W1N Construction Form v0.1