

West Des Moines, IA

PROJECT: Clinton Co,Lateral Expand DATE: 5/1/2026
Design-East,IA
27225200.00

SUBJECT: Clinton County Sanitary Landfill TRANSMITTAL ID: 00003
(East Site) - 23-SDP-01-74P -
Monitoring Well Installation and
Boring Abandonment

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
Mike Smith 502 East 9th Street Des Moines IA 50319-0034 United States	Iowa, State of	mike.smith@dnr.iowa.gov	515-725-8200

REMARKS: Mike -

SCS Engineers, on behalf of the Clinton County Area Solid Waste Agency, is submitting the Monitoring Well Installation and Boring Abandonment forms, for the Clinton County Sanitary Landfill (East Site). If you have any questions or comments regarding this report, please contact me at the number below.

Thanks,

Sean A. Marczewski
Senior Project Professional
SCS Engineers
1690 All-State Court, Suite 100
West Des Moines, Iowa 50265
712-661-9682 (C)
515-631-6152 (O)
smarczewski@scsengineers.com

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Transmittal

DATE: 5/1/2026
TRANSMITTAL ID: 00003

DESCRIPTION OF CONTENTS

QTY	DATED	TITLE	NOTES
1	5/1/2026	20260501_Clinton County Sanitary Landfill_Monitoring Well Installation and Boring Abandonment_v1.0.pdf	

COPIES:

Nathan Ohrt (SCS Engineers)
Sean Marczewski (SCS Engineers)
Brad Seward (Clinton County Area Solid Waste Agency)
Becky Jolly

May 1, 2026
File No. 27225200.00

Mr. Mike Smith, P.E.
Iowa Department of Natural Resources
Land Quality Bureau
6200 Park Ave, Suite 200
Des Moines, Iowa 50321

Subject: Monitoring Well Installation and Boring Abandonment
Clinton County Sanitary Landfill (East Site)
Permit No. 23-SDP-01-74P

Dear Mike:

SCS Engineers, on behalf of the Clinton County Area Solid Waste Agency (Agency), is submitting the boring log/well construction and abandonment documentation following the well installation of monitoring wells and abandonment of geotechnical borings associated with the Clinton County Sanitary Landfill East Site (Landfill).

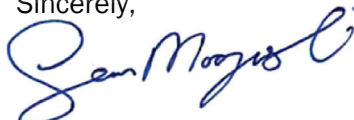
As presented in correspondence dated August 4, 2025 (Doc #113595), monitoring wells MW-44A, MW-44B, MW-45, MW-46, MW-47, MW-48, MW-49A, and MW-49B were installed in February and March 2026. The monitoring wells were installed to correlate and compare the geology in the 2025 Lateral Expansion areas with that from previous assessments and to expand the footprint of the projected groundwater elevations and flow direction for the site to include the 2025 Lateral Expansion areas. An additional three geotechnical borings were drilled to provide samples for slope stability and settlement analysis.

Geotechnical borings B25-1, B25-2, and B25-3 were abandoned in accordance with Iowa Administrative Code (IAC) 567-113.10 (2)"d" in February and March 2026. No monitoring point material was removed as the borings were sealed following drilling and sample collection.

A site map including the locations of the new monitoring wells and monitoring points is included in Figure 1. Abandonment documentation for abandoned geotechnical borings B25-1, B25-2, and B25-3 is included in Attachment A. Boring log and well construction documentation for the newly installed monitoring wells are included in Attachment B.

If you have any questions regarding this submittal, please contact Sean Marczewski at (712) 661-9682.

Sincerely,



Sean Marczewski
Senior Project Professional
SCS Engineers



Nathan Ohrt
Senior Project Professional
SCS Engineers

SAM/NPO

Copies: Mr. Brad Seward, Clinton County Area Solid Waste Agency



Attachment A

Geotechnical Boring Abandonment Forms



IOWA DEPARTMENT OF NATURAL RESOURCES
Abandoned Water Well
Plugging Record

1. Owner:

Name: Clinton County Area Solid Waste Agency Phone:
Address: 4292 220th Street
City: Clinton State: Iowa Zip: 52732

If this was a Public Water Supply Well, please provide:

PWSID Name: PWSID Number:

2. Location of Well (Cistern):

County: Clinton Describe well location on property: North Boundary of Property
GPS Well Location: Latitude: 41.8679973 Longitude: -90.2645385

3. Well Description:

Well depth: 35 ft Plugging Description: Plugged using bentonite grout
Depth to water: 30 ft
Casing depth: Casing Material: Steel Plastic Concrete Clay Brick Stone
Casing diameter: in.
Year or decade constructed: 2026 Type of Construction: Drilled Driven Bored Augured Dug
Is this a Monitoring Well? Yes No Well ID: B25-1
Check if Cistern Depth: Diameter:

I certify this well has been plugged as required by rule 567-39.8 of the Iowa Administrative Code (IAC). I agree to provide any additional information the county or department may need concerning this well.

Signature of Owner Date Plugged: 2-26-2026

If plugged by certified well contractor, complete this box: I have plugged this well as required by rule 567-39.8 of the Iowa Administrative Code (IAC), and will provide an itemized paid invoice to the owner if seeking PWG funds:

Signature of Contractor Cert No: 8364

OR, if plugged by well owner, complete this box: The property owner has plugged this well following requirements in rule 567-39.8 of the Iowa Administrative Code (IAC) with the oversight and assistance of the designated county agent.

Signature of County Agent Date Approved:

Eligible for Private Well Grants (PWG) cost share: Yes No (Determined by County Agent)

Complete one form for each well plugged and submit within 30 days to the local county agent: OR, only if no county agent is available, to:

Water Supply Section
Iowa Department of Natural Resources
6200 Park Ave St 200
Des Moines IA 50321



IOWA DEPARTMENT OF NATURAL RESOURCES
Abandoned Water Well
Plugging Record

1. Owner:

Name: Clinton County Area Solid Waste Agency Phone:
Address: 4292 220th Street
City: Clinton State: Iowa Zip: 52732

If this was a Public Water Supply Well, please provide:

PWSID Name: PWSID Number:

2. Location of Well (Cistern):

County: Clinton Describe well location on property: South Western Boundary of Property
GPS Well Location: Latitude: 41.8639305 Longitude: -90.2671109

3. Well Description:

Well depth: 35 ft. Depth to water: 35 ft. Plugging Description: Plugged using bentonite grout
Casing depth: Casing diameter: Casing Material: Steel Plastic Concrete Clay Brick Stone
Year or decade constructed: 2026 Type of Construction: Drilled Driven Bored Augured Dug
Is this a Monitoring Well? Yes No Well ID: B25-2
Check if Cistern Depth: Diameter:

I certify this well has been plugged as required by rule 567-39.8 of the Iowa Administrative Code (IAC). I agree to provide any additional information the county or department may need concerning this well.

Signature of Owner Date Plugged: 3-3-2026

If plugged by certified well contractor, complete this box: I have plugged this well as required by rule 567-39.8 of the Iowa Administrative Code (IAC), and will provide an itemized paid invoice to the owner if seeking PWG funds:

Signature of Contractor: Cert No: 8364

OR, if plugged by well owner, complete this box: The property owner has plugged this well following requirements in rule 567-39.8 of the Iowa Administrative Code (IAC) with the oversight and assistance of the designated county agent.

Signature of County Agent: Date Approved:

Eligible for Private Well Grants (PWG) cost share: Yes No (Determined by County Agent)

Complete one form for each well plugged and submit within 30 days to the local county agent: OR, only if no county agent is available, to:

Water Supply Section
Iowa Department of Natural Resources
6200 Park Ave St 200
Des Moines IA 50321



IOWA DEPARTMENT OF NATURAL RESOURCES
Abandoned Water Well
Plugging Record

1. Owner:

Name: Clinton County Area Solid Waste Agency Phone:
Address: 4292 220th Street
City: Clinton State: Iowa Zip: 52732

If this was a Public Water Supply Well, please provide:

PWSID Name: PWSID Number:

2. Location of Well (Cistern):

1/4 of, 1/4 of, 1/4 of, Section 33, T 82, N, R 06 East West
County: Clinton Describe well location on property: South Western Boundary of Property
GPS Well Location: Latitude: 41.8634624 Longitude: -90.2685705

3. Well Description:

Well depth: 25 ft
Depth to water: 20 ft
Casing depth: ft. Casing Material: Steel Plastic Concrete Clay Brick Stone
Casing diameter: in.
Year or decade constructed: 2026 Type of Construction: Drilled Driven Bored Augured Dug
Is this a Monitoring Well? Yes No Well ID: B25-3
Check if Cistern Depth: ft. Diameter: ft.

I certify this well has been plugged as required by rule 567-39.8 of the Iowa Administrative Code (IAC). I agree to provide any additional information the county or department may need concerning this well.

Signature of Owner Date Plugged: 3-3-2026

If plugged by certified well contractor, complete this box:
I have plugged this well as required by rule 567-39.8 of the Iowa Administrative Code (IAC), and will provide an itemized paid invoice to the owner if seeking PWG funds:

Signature of Contractor: Cert No: 8364

OR, if plugged by well owner, complete this box:
The property owner has plugged this well following requirements in rule 567-39.8 of the Iowa Administrative Code (IAC) with the oversight and assistance of the designated county agent.

Signature of County Agent: Date Approved:

Eligible for Private Well Grants (PWG) cost share: Yes No (Determined by County Agent)

Complete one form for each well plugged and submit within 30 days to the local county agent:

OR, only if no county agent is available, to:

Water Supply Section
Iowa Department of Natural Resources
6200 Park Ave St 200
Des Moines IA 50321

Attachment B

Boring Logs/Well Construction Documentation

