

West Des Moines, IA

PROJECT: Mahaska Co, FY24 Env. Comp, IA 27223204.24 DATE: 4/26/2024

SUBJECT: Mahaska County Sanitary Landfill, Closed Sites - 62-SDP-07-93C - Spring 2024 Inspection Report TRANSMITTAL ID: 00002

PURPOSE: For your review and comment VIA: Info Exchange

FROM

NAME	COMPANY	EMAIL	PHONE
Christopher Calhoun West Des Moines, IA	SCS Engineers	CCalhoun@scsengineers.com	

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
Becky Jolly		becky.jolly@dnr.iowa.gov	
bradley.davison@dnr.iowa.gov		bradley.davison@dnr.iowa.gov	

REMARKS: Good afternoon,

Please find for download the Spring 2024 Inspection Report for the Mahaska County Closed Landfill Sites. Let us know if you have any questions or comments.

Thank you,  
Christopher Calhoun  
Associate Professional  
1690 All-State Court, Suite 100  
West Des Moines, IA 50265  
515-631-6160 Office  
[ccalhoun@scsengineers.com](mailto:ccalhoun@scsengineers.com)  
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DESCRIPTION OF CONTENTS

QTY	DATED	TITLE	NOTES
1	4/26/2024	Mahaska County Sanitary Landfill, Closed Sites - 62-SDP-07-93C - Spring 2024 Inspection Report v1.0 4.26.2024.pdf	

## Transmittal

DATE: 4/26/2024  
TRANSMITTAL ID: 00002

### COPIES:

Joe Farris	(Mahaska County Solid Waste Management Commission)
Nathan Ohrt	(SCS Engineers)
Christine Collier	(SCS Engineers)
Christopher Calhoun	(SCS Engineers)

April 26, 2024  
File No. 27223204.24

Mr. Mike Smith  
Iowa Department of Natural Resources  
Land Quality Bureau  
Wallace State Office Building  
502 East 9<sup>th</sup> Street  
Des Moines, Iowa 50319-0034

Subject: 2024 Spring Annual Inspection Report  
Mahaska County Sanitary Landfill  
Meinders/Den Hartog Site – Closed  
Original/C&D Site – Closed  
Permit No. 62-SDP-07-93C

Dear Mr. Smith:

This correspondence documents the semi-annual inspection required by the facility's Iowa Department of Natural Resources (DNR) Sanitary Disposal Project Closure Permit and the Iowa Administrative Code. The inspection was conducted on April 11, 2024 by Chris Calhoun (SCS Engineers) to evaluate the site's general conformance with the closure permit and the approved plans and specifications. A map showing the closed areas of the Original/C&D and Hartog & Meinders municipal solid waste landfill (MSWLF) units is attached for reference (Figure 1). A copy of the observation checklist used during the inspection is included as Attachment A. This checklist provides a summary of noteworthy observations from the inspection. There were no items of non-compliance observed during the inspection. The final cover at the time of inspection was in good condition with vegetation well established at the Meinders, Original, and C&D sites. After the Hartog Site was regraded in 2021, organic material was placed and temporary seeding applied. Permanent seeding was applied since the last inspection but no vegetation has taken in the regraded areas. Minor ponding was noted at the Original site. No leachate seeps were observed at the time of the inspection. Tree and brush vegetation has been mowed with no signs of regrowth.

The observations presented in this correspondence are based upon data obtained from the field observations made at the site, conversations with the Landfill Manager, and from information sources discussed herein. This inspection provides a snapshot in time of the conditions present at the time of the site walkover and does not reflect variations in conditions that may occur throughout the year.



## REQUEST FOR MODIFICATION

No requests for modification are needed at this time.

Please feel free to contact us if you have any questions regarding this report.

Sincerely,



Chris T. Calhoun, E.I.T.  
Associate Professional  
SCS Engineers



Christine L. Collier, P.E.  
Senior Project Manager  
SCS Engineers

CTC/CLC

cc: Mr. Joe Farris, Landfill Manager, Mahaska County Sanitary Landfill

## Engineer's Certification



	I hereby certify that this document was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the state of Iowa.	
	 Christine L. Collier	Digitally signed by Christine L. Collier Date: 2024.04.26 14:57:29 -05'00'
	Christine L. Collier	Date
My license renewal date is: December 31, 2025		
Pages or sheets covered by this seal: All		





Figure 1

<p><b>Legend</b></p> <ul style="list-style-type: none"> <li>▲ Approximate Monitoring Well Location</li> <li>--- C&amp;D Site Waste Boundary</li> <li>--- Hartog Site Waste Boundary</li> <li>--- Meinders Site Waste Boundary</li> <li>--- Original Site Waste Boundary</li> <li>--- Approximate Property Boundary - Hartog &amp; Meinders Site</li> <li>--- Approximate Property Boundary - Original &amp; C&amp;D Site</li> </ul>	<p><b>Site Map</b></p>		<p>Mahaska County Sanitary Landfill          Binns &amp; Stevens Site          Oskaloosa, Iowa          Project No: 27223204.24          Drawing Date: April 2024</p>
	<p>0 337.5 675 1,350 Feet</p>		

**Attachment A****Sanitary Disposal Project Inspection Checklist**



**SCS Engineers**  
**1690 All-State Court, West Des Moines, Iowa 50265**  
**Sanitary Landfill Inspection**

**Permit #: 62-SDP-07-93C**

<b>Facility Name:</b> Mahaska County Sanitary Landfill	<b>Responsible Official:</b> Joe Farris
<b>County:</b> Mahaska	<b>Address:</b> 2979 US Hwy 63, Oskaloosa, IA 52577
<b>Facility Operator:</b> Joe Farris	<b>Phone:</b> (641)673-9266
<b>Address:</b> 2979 US HWY 63, Oskaloosa, IA 52577	<b>Date Last Inspection:</b> April 13, 2023
<b>Phone:</b> (641)673-9266	<b>Date This Inspection:</b> April 11, 2024

**At the Time of this Inspection:**

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• <b>Facility personnel present:</b> Joe Farris</li> <li>• <b>Wind direction and speed:</b> From WNW, 25 mph</li> </ul> | <ul style="list-style-type: none"> <li>• <b>Surface conditions:</b> Dry</li> <li>• <b>Ambient temperature:</b> 56°F, cloudy, light rain</li> </ul> |
|--|--|

Yes – compliance was being achieved; No – compliance was not being achieved,  
N/A – not applicable or not observed; PND – previously noted deficiency (PND).

**Observations**

Yes	No	N/A	PND	Item	Yes	No	N/A	PND	Item
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. Fill Cover: final	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10. Special Waste Handling
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. Control of Face	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	11. Recycling Activities
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Compaction	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12. Operator Certification
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4. Cover erosion; Ponding	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	13. Staffing
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. Drainage into fill	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	14. Equipment Backup/Maintenance
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6. Leachate Mgmt. & Control	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	15. Interior Roads
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7. Litter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16. Perimeter fence, gate, signs, wells
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8. Wet Weather Area	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	17. Photos taken
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9. Construction & Demolition Area	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18. Follow-up needed

**Comments:** The comments below correspond to the numbered observation items listed above.

1. The final cover areas of the Original, C&D, and Meinders sites had final cover that was in good condition. Minor bare spots were present at the Meinders and Original Landfill sites. The Hartog MSWLF unit was previously regraded in 2021 and organic material has been placed and a permanent seeding applied. No vegetation has taken in the regraded areas of the site. An effort should continue to be made to establish vegetation in these areas.
4. Ponding was not present on the surface of the C&D, Meinders, and Hartog sites at the time of the inspection. Minor ponding was observed at the Original landfill site. This should continue to be observed during subsequent inspections to determine if further action is required. Erosion was not evident during the inspection.
6. There were no leachate seeps present at the time of the inspection.
16. Perimeter fence, gates, and signs were in good working order.

**AUTHENTICATION**

<b>INSPECTOR</b>	Chris T. Calhoun, E.I.T.	Date: 4/11/2023
<b>REVIEWER</b>	Christine L. Collier, P.E.	Date: 4/24/2023