





July 8, 2025

DJ LUHRS ADAIR COUNTY TRANSFER STATION 1645 HWY 25 MENLO, IA 50164

SUBJECT:

Adair County Transfer Station

Closed Landfill Inspection, Permit # 01-SDP-01-74C, Staff Action # 100196

Transfer Station Permit Inspection, Permit #01-SDP-09-09P-XFR, Staff Action # 100197

Menlo, Adair County, Iowa

Dear Mr. Luhrs:

Enclosed please find a copy of the reports resulting from my closed landfill inspection and transfer station permit inspection of the Adair County Transfer Station near Menlo, lowa conducted on June 30, 2025. The report should be self-explanatory.

Please contact me at 712-223-8048 or by email at <u>john.baker@dnr.iowa.gov</u> if you have any questions.

Sincerely,

John Baker

**Environmental Specialist** 

Field Services & Compliance Bureau

File: Menlo063025.sw.AdairCountyTransferStation.InspectionLetter.baker

CC: Becky Jolly, SW Section, DNR, Des Moines, IA via email

Chad Stobbe, SW Section, DNR, Des Moines, IA via email Facility Adair County Landfill and XFR File, Adair County

Phone: 712-243-1934 www.lowaDNR.gov Fax: 712-243-6251

#### IOWA DEPARTMENT OF NATURAL RESOURCES

### Field Office 4

## 1401 Sunnyside Lane, Atlantic, Iowa 50022 712-243-1934

# Sanitary Disposal Project Visit

Permit #: \_01-SDP-01-74C\_ Date this Inspection: <u>06/30/2025</u> Previous Inspection Date: 04/24/2024 Facility Name: Adair County Sanitary Landfill (Closed) Weather Conditions at Time of Visit: Sunny 80 degrees Person(s) Contacted: DJ Luhrs, Director (641) 743-8343 Were deficiencies noted or significant observations made during this inspection? Yes – See Comments Sec., No – No deficiencies noted, Blank – Not applicable or observed, PND – Previously Noted Deficiency **Observations PND** Yes **PND** Item Yes No Item  $\boxtimes$ 1. Fill Cover: daily; intermediate; final 9. Construction & Demolition Area 2. Control of Face: slope; width; location  $\boxtimes$ 10. Special Waste Handling 11. Recycling Activities 3. Compaction  $\boxtimes$ 4. Cover erosion; Ponding  $\boxtimes$ 12. Operator Certification  $\boxtimes$ 5. Drainage into fill 13. Staffing  $\boxtimes$ 6. Leachate Mgmt. & Control 14. Equipment Backup/Maintenance 15. Interior Roads  $\bowtie$  $\boxtimes$ 7. Litter П П 8. Wet Weather Area П  $\bowtie$ П 16. Perimeter fence, gate, signs Location of Work Face: Closed Landfill Comments: The vegetation on the closed landfill appeared well maintained. I noted one small area of poor vegetation. Mr. Luhrs stated that he has seeded the area and they are working on getting the vegetation established. The facility pumps and hauls its own leachate from the lagoon. Leachate is transported to the City of Greenfield, as authorized in their POTW Agreement. Leachate sampling is completed prior to hauling. Follow-up Actions Needed: Continue to monitor for areas of poor vegetation. These areas should be repaired and reseeded as needed. **AUTHENTICATION** Boken-INSPECTOR: John Baker, Environmental Specialist Reviewer: Wendy Wittrock, Environmental Specialist Senior Date: 07/08/2025 Date: 07/08/2025

# Facility Photographs



Photo 1: Area of Poor Vegetation on Final Cover



Photo 2: Leachate Lagoon

# IOWA DEPARTMENT OF NATURAL RESOURCES TRANSFER STATION (XFR) PERMIT INSPECTION FORM

Permit No.:01-SDP-09-09P-XFR	County: Adair
Facility Name: Adair County Transfer Station	Facility Address:
	1645 State HWY 25
	Menlo, IA 50164
Phone Number: 641-743-8343	
Responsible Official: DJ Luhrs	Mailing Address:
	1645 State HWY 25
Phone Number: 641-743-8343	Menlo, IA 50164
Person(s) Present:	
1) DJ Luhrs, Director	
2)	
3)	
Date of This Inspection: 06/30/2025	Date of Last Inspection: 08/29/2023

	IAC 567	Chapter 106.9: Transfer Station Siting & Location Requirements	Yes	No	NA
ţ	106.9(1)	Is the transfer station building located within the 100-year floodplain?		$\boxtimes$	
emen	106.9(1)	If yes, are there structures to prevent floodwater inundation from a 100-year flood of any area that comes into contact with solid waste or washwater?			$\boxtimes$
Requirements	106.9(2)	Is the transfer station building within 500 feet of an educational facility, healthcare facility, or permanent residence?		$\boxtimes$	
Siting Re	106.9(2)	If yes, did construction of the educational facility, or healthcare facility, or permanent residence begin before the permit application was received by the Department?			$\boxtimes$
	106.9(2)	If yes, does the transfer station utilize screening to minimize noise and visibility of operations? (Note: Screening shall utilize natural components to the maximum extent possible)			$\boxtimes$

Comments:\_\_\_\_

	IAC 567 C	hapter 106.10(1): Transfer Station Design Standards	Yes	No	NA
n Design	106.10(1)	Is the transfer station building sufficient to allow all solid waste to be unloaded from collection vehicles and loaded into transport vehicles indoors? (Note: Rear-loading solid waste transport vehicles that have no other opening and that securely abut the building so that minimal amounts of solid waste escape qualify as being inside the building)	$\boxtimes$		
Station	106.10(1)" <i>a</i> "	Is the building sufficient to minimize dust and litter exiting the building?	$\boxtimes$		
Sta	106.10(1)" <i>a</i> "	Is the building sufficient to keep out precipitation?	$\boxtimes$		
fer	106.10(1)"a"	Is the building sufficient to prevent the attraction or harboring of vectors?	$\boxtimes$		
Transfer	106.10(1)" <i>b</i> "	Are all surfaces that come in contact with solid waste or washwater impervious to liquids?	$\boxtimes$		
	106.10(1)"c"	Does the transfer station building have a drainage system that maintains a separation between stormwater and washwater?			

Comments:\_\_\_\_

	IAC 567 C	hapter 106.10(1): Transfer Station Design Standards (Cont'd)	Yes	No	NA
	106.10(1)" <i>d</i> "	Does the transfer station building have a washwater collection system that directs washwater to a storage tank for later disposal, a sanitary sewer system, or equivalent as approved by the Department?		$\boxtimes$	
	106.10(1)" <i>d</i> "	If a storage tank(s) is used, does it have a high-level indicator or gauge?			$\boxtimes$
	106.10(1)"e"	Does the transfer station store solid waste during non-operating hours?	$\boxtimes$		
ign	106.10(1)"e"	If yes, is the solid waste storage area clearly marked?	$\boxtimes$		
er Station Design	106.10(1)"e"	If yes, does the solid waste storage area have a fire detection system?	$\boxtimes$		
	106.10(1)" <i>f</i> "	Does the transfer station building have a surge pit to handle large volumes of incoming waste? (Note: Surge pits are typically found in large transfer stations where a large number of trucks can overload the tipping floor. Surge pits provide more space for temporary storage during peak operating hours and may also allow for additional compaction of the solid waste before it is loaded into transport vehicles)		$\boxtimes$	
Transfer	106.10(1)" <i>f</i> "	If yes, does the transfer station building have an effective odor control mechanism? (i.e. mist systems and air filters)			$\boxtimes$
Т	106.10(1)"g"	If yes, does the transfer station building have a sprinkler system installed over the area where solid waste is stored?			$\boxtimes$
	106.10(1)" <i>h</i> "	If the transfer station salvages materials, are the salvage storage areas clearly marked? (Note: Salvaged materials that do not attract or harbor vectors may be stored outside the building in clearly marked designated areas.)	$\boxtimes$		
	106.10(1)" <i>i</i> "	Is there sufficient indoor and outdoor lighting to minimize the difference in lighting when entering or exiting the building?	$\boxtimes$		
	106.10(1)" <i>j</i> "	Does the transfer station building have doors at each entrance and exit?	$\boxtimes$		

# Comments:

	IAC 567 C	hapter 106.10(2): Other Transfer Station Design Standards	Yes	No	NA
	106.10(2)"a"	Does the transfer station have a secure perimeter fence w/lockable gate(s)?	$\boxtimes$		
Design	106.10(2)" <i>b</i> "	Does the transfer station use an IDALS certified scale? (Note: The scale does not have to be onsite)	$\boxtimes$		
	106.10(2)"c"	Does the transfer station have adequate queuing distance for vehicles entering and exiting such that lines do not extend onto public streets?	$\boxtimes$		
Station	106.10(2)"c"	If no, does the transfer station have approval from the local government authority for lines to back-up onto public streets?			$\boxtimes$
	106.10(2)" <i>d</i> "	Does the transfer station have signs or pavement markings indicating safe and proper on-site traffic patterns?	$\boxtimes$		
Transfer	106.10(2)"e"	Is there a sign at the primary entrance specifying:  1) Facility name and permit number,  2) Operating hours,  3) Materials accepted or stating "All materials must have prior approval",  4) Telephone number of emergency contact person(s)?			

Comments:\_\_\_\_

IAC 567 C	hapter 106.11: Transfer Station Operating Requirements	Yes	No	N
106.11(1)	Is site access controlled and limited to a time when a transfer station operator is on duty.	$\boxtimes$		
106.11(1)"a"	If yes, is the site operator on duty able to read, understand and implement the Site Operation Plan?	$\boxtimes$		
106.11(1)" <i>b</i> "	If yes, is the site operator on duty able to read, understand and implement the Emergency Response and Remedial Action Plan (ERRAP)?			[
106.11(1)"c"	If yes, is the site operator on duty able to visually recognize universal symbols, markings, and indications of unacceptable materials? (e.g. hot loads, hazardous, infectious and radioactive wastes)	$\boxtimes$	. 🗆	[
106.11(1)" <i>d</i> "	Is the transfer station permitted for 20,000 tons or more per year of solid waste?		$\boxtimes$	[
106.11(1)" <i>d</i> "	If yes, is the site operator on duty certified by a training program approved by the Department? (e.g. Solid Waste Association of North America's Transfer Station Systems Training and Certification Course)			]
106.11(2)	Is solid waste only being accepted from generators within the designated service area?			[
106.11(3)	Are all unloading, handling, processing, screening, open storage, loading, and similar activities or processes involving solid waste being performed inside the transfer station building? (Note: Truck—to-truck transfer of solid waste that is not incidental solid waste transfer is not allowed outside a transfer station building. A rear-loading solid waste transport vehicle that does not have any other open access and securely abuts the transfer station building so that minimal amounts of solid waste escape during loading shall qualify as being inside the building. Salvaged materials that do not attract or harbor vectors may be stored outside of the building in clearly marked, designated areas.)			[
106.11(4)	Is the solid waste being at least visually screened by personnel capable of identifying hot loads and hazardous, infectious, radioactive, and other wastes not suitable for disposal in a sanitary landfill?	$\boxtimes$		[
106.11(5)	Are transfer station operators segregating and managing unacceptable wastes and hot loads in accordance with applicable laws and in a manner as safe and responsible as practical?	$\boxtimes$		[
106.11(6)	Is salvaging only being performed by transfer station operators? (Note: Scavenging shall not be allowed.)	$\boxtimes$		[
106.11(7)	Is the operation of the facility being carried out in a manner that attempts to minimize litter, dust, odor, noise, vibration, and the attraction or harborage of vectors?	$\boxtimes$		[
106.11(8)	Is the transfer station building being maintained at a level of cleanliness necessary to prevent a nuisance or public health hazard?			[
106.11(9)	Is on-site litter being maintained at a level of cleanliness to prevent a nuisance or public health hazard? (Note: Off-site litter shall be collected daily.)	$\boxtimes$		[
106.11(10)	Is the exterior of all buildings being maintained in a reasonable aesthetic condition that prevents the attraction or harborage of vectors, so as not to create a nuisance or public health hazard?	$\boxtimes$		[
106.11(11)	Is the washwater management system being inspected monthly and maintained in proper operating condition to prevent overflowing?	$\boxtimes$		[
106.11(12)	Are all surfaces that prevent washwater from entering the ground and groundwater impervious?	$\boxtimes$		[
106.11(12)	If no, was the breach noted above fixed within 24 hours, or has the facility prevented any solid waste or washwater from coming into contact with the breached area until repaired?			[
106.11(13)	Has the transfer station made adequate provisions for routine operational maintenance of the facility?	$\boxtimes$		[

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Com	mor	te:	
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	IAC 567 C	hapter 106.12: Temporary Solid Waste Storage at Transfer Stations	Yes	No	NA
Storage	106.12(1)	If solid waste is stored at the transfer station, is it stored:  1) Inside the transfer station in a clearly marked, designated area; or 2) Inside the transfer station building in a surge pit; or 3) Inside a secure solid waste transport vehicle, protected from precipitation and vectors?	$\boxtimes \Box \boxtimes$		
i Waste	106.12(2)" <i>a</i> "	If solid waste is being stored inside the transfer station in a designated area that is not a surge pit or similar operational structure, is it being stored for not more than 48 hours, excluding Sundays and national holidays?	$\boxtimes$		
rry Solid	106.12(2)"b"	If solid waste is being stored inside the transfer station building in a surge pit, is it being stored for not more than seven days, including Sundays and national holidays?			$\boxtimes$
emporary	106.12(2)"c"	If solid waste is being stored in a transport vehicle designated to travel only via roadway, is it being stored for not more than 48 hours, excluding Sundays and national holidays?	$\boxtimes$		
Te	106.12(2)" <i>d</i> "	If solid waste is being stored in a transport vehicle designated to travel via rail or navigable waterway, including intermodal container systems, is it being stored for not more than seven days, including Sundays and national holidays?			$\boxtimes$

Comments:\_\_\_\_

	IAC 567 C	hapter 106.13: Transfer Station Record-Keeping Requirements	Yes	No	NA
	106.13(1)" <i>a</i> "	Is a copy of the current permit(s) on site?			
Si	106.13(1)" <i>b</i> "	Is a copy of the current Site Operation Plan onsite?			
Requirements	106.13(1)" <i>c</i> "	Is a copy of the current Emergency Response and Remedial Action Plan (ERRAP) onsite?	$\boxtimes$		
uire	106.13(1)" <i>d</i> "	Is proof of current financial assurance on file?			
7	106.13(2)" <i>a</i> "	Are three years of records being maintained by the transfer station with regard to the tons of all solid waste disposed of quarterly?	$\boxtimes$		
epin	106.13(2)" <i>b</i> "	Are three years of records being maintained by the transfer station with regard to the destination of all outgoing solid waste?	$\boxtimes$		
Record-Keeping	106.13(2)" <i>c</i> "	Are three years of records being maintained by the transfer station with regard to the washwater management system inspection log?			$\boxtimes$
Reco	106.13(2)" <i>d</i> "	Are three years of records being maintained by the transfer station with regard to hot loads and hazardous, infectious, radioactive, or other unacceptable wastes found?	$\boxtimes$		
	106.13(2)"e"	Are three years of records being maintained by the transfer station with regard to training received by transfer station operator(s) pursuant to 106.11(1).?	$\boxtimes$		

Comments:\_\_\_\_

	IAC 567 C	hapter 106.14: Transfer Station Reporting Requirements	Yes	No	NA
ting Requirements	106.14(1)	Is the transfer station submitting quarterly tonnage reports to the Department that include:  1) Tons of solid waste disposed of;  2) Comprehensive planning area from which the solid waste originated, and the tons of solid waste from each county and comprehensive planning area; and  3) Destinations of all outgoing solid waste?			
Reporting	106.14(2)	Is the transfer station being inspected annually by an Iowa-licensed professional engineer for compliance with IAC 567 Chapter 106.10 and submitting said annual inspection report to the Department and Field Office by the first workday in November each year?			

Comments: The Adair County Sanitary Landfill and Transfer Station is inspected by SCS Engineers (Des Moines).

	IAC 567 C	hapter 106.15: Transport Vehicle Construction & Maintenance	Yes	No	NA
Transport Vehicles	106.15(1)	Is the portion of the solid waste transport vehicle(s) that contains solid waste sufficient to:  1) Prevent the accidental discharge of its contents; 2) Prevent the attraction or harborage of vectors; and 3) Prevent the infiltration of precipitation? (Note: Any solid waste transport vehicle that fails to meet the requirements of IAC 567 Chapter 106.15 shall be repaired before it is utilized in the transport or storage of solid waste.)	$\boxtimes$		
	106.15(1)	If the solid waste transport vehicle(s) has an open-top, does it have a suitable cover that is not easily torn, shredded, broken, or otherwise breached under normal use?	$\boxtimes$		
	106.15(3)	Is the transport vehicle(s) being cleaned at intervals frequent enough to prevent a nuisance or vector attraction?	$\boxtimes$		
	106.15(4)	Is wastewater generated from any cleaning of the areas of the solid waste transport vehicle(s) that hold solid waste being managed as washwater?	$\boxtimes$		

Comments:\_\_\_\_

	IAC 567 C	hapter 106.16: Solid Waste Transport Vehicle Operation Requirements	Yes	No	NA
Operation	106.16(1)	Are the solid waste transport vehicle's openings securely closed before transport and during solid waste storage so as to prevent the loss of solid waste?	$\boxtimes$		
Vehicle Oper	106.16(2)	Is solid waste being loaded into the solid waste transport vehicle inside the transfer station building and in a manner that minimizes the spilling of materials? (Note: Truck—to-truck transfer of solid waste that is not incidental solid waste transfer is not allowed outside a transfer station building. A rear-loading solid waste transport vehicle that does not have any other open access and securely abuts the transfer station building so that minimal amounts of solid waste escape during loading shall qualify as being inside the building.)	$\boxtimes$		
Transport	106.16(2)	If solid waste is spilled from a solid waste transport vehicle during loading, is it collected as often as necessary to minimize litter, dust, or other fugitive debris?	$\boxtimes$		
Tra	106.16(3)	If solid waste was spilled from a solid waste transport vehicle not on transfer station property, was the solid waste collected as soon as possible and was the spill immediately reported to the Department and the Field Office with jurisdiction?			

Comments:

Other Materials Accepted/Activities On-Site				
Recyclables Drop-Off		Appliance Demanufacturing		
Lead Acid Batteries	$\boxtimes$	Electronics Demanufacturing		
Used Oil	$\boxtimes$	Yard Waste Collection		
Antifreeze	$\boxtimes$	Yard Waste Composting		
Tires	$\boxtimes$	HHM/RCC		
Brown Goods Collection	$\boxtimes$	Other: Appliances and Electronics are collected for de-manufacturing by a permitted facility.		
Cathode Ray Tube Collection	$\boxtimes$			
White Goods Collection	$\boxtimes$			
Scrap Metal Salvaging	$\boxtimes$			

<sup>\*</sup>Be advised your facility may require, due to either SIC code or onsite management practices, an NPDES General Permit #1 (Stormwater permit).

Summary of Requirements:	Compliance Date:
1) Comply with solid waste rules and permit requirements.	Ongoing
2)	
3)	
4)	
5)	

Inspector: John Baker, Environmental Specialist

Date: 07/08/2025

Reviewer: Wendy Wittrock, Environmental Specialist Senior

Date: 07/08/2025

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Facility Photographs















