

April 29, 2024

JOTHAM ARBER
GUTHRIE COUNTY ENVIRONMENTAL HEALTH
200 N 5TH ST
GUTHRIE CENTER IA 50115

SUBJECT:

Guthrie County Landfill (Closed Landfill), Permit # 39-SDP-01-74, Staff Action No. 174757

Guthrie County Transfer Station, Permit # 39-ADP-03-97, Staff Action No. 174759

Guthrie Center, Guthrie County, Iowa

Dear Mr. Arber:

Enclosed please find a copy of the reports resulting from my transfer station and closed landfill permit inspections of the Guthrie County Transfer Station near Guthrie Center, Iowa on Wednesday, April 24, 2024. The report should be self-explanatory.

If you have any questions, please contact me at 712-223-8048 or by email at john.baker@dnr.iowa.gov.

Sincerely,

John Baker

Phone: 712-243-1934

Environmental Specialist

Field Services & Compliance Bureau

File:

GuthrieCenter042424.sw.GuthrieCountyTransferStation.coverletter.Baker

Enc:

Solid Waste Permit Compliance Report

CC:

Becky Jolly, SW Section, DNR, Des Moines, Iowa (EMAIL)

Sue Johnson, SW Section, DNR, Des Moines, Iowa (EMAIL)

Facility Solid Waste File, Guthrie County

www.lowaDNR.gov

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

Permit No.:39-SDP-03-97P-XFR	County:Guthrie
Facility Name:Guthrie County Transfer Station	Facility Address:
	2349 Jaguar Trail
	Guthrie Center, IA 50115
Phone Number:641-747-3764	
Responsible Official: Jotham Arber, Director	Mailing Address:
	Guthrie County Environmental Health
Phone Number:641-747-8320	200 N 5 th St
	Guthrie Center, IA 50115
Person(s) Present:	
1) Dan Smith	
2) Brent Corkins	
3) Jotham Arber	
Date of This Inspection: 04/24/2024	Date of Last Inspection: 07/06/2022

	IAC 567	Chapter 106.9: Transfer Station Siting & Location Requirements	Yes	No	NA
ts	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?		7	\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	napter 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)" <i>a</i> "	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?	\boxtimes		

Comments:

	IAC 567 C	hapter 106.10(1): Transfer Station Design Standards (Cont'd)	Yes	No	NA
er Station Design	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		
	106.10(1)"e"	If yes, is the solid waste storage area clearly marked?	\boxtimes		
	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
⊢	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: All liquid flow from the tipping floor is directed to drains along the floor that flow to the pit where it is stored until pumped for disposal, as needed. Hydro Clean Environmental conducts the pumping and disposal. The facility recently added a fire detection system.

	IAC 567 C	Yes	No	NA	
	106.10(2)" <i>a</i> "	Does the transfer station have a secure perimeter fence w/lockable gate(s)?	\boxtimes		
sign	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		
on Desi	106.10(2)" <i>c</i> "	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
ransfer	106.10(2)" <i>d</i> "	Does the transfer station have signs or pavement markings indicating safe and proper on-site traffic patterns?	\boxtimes		
Tran	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: I documented that the facility is well marked for solid waste and recycling customers. The main sign for the facility was damaged in a storm, they are currently working on a replacement for that sign.

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)" <i>a</i> "	If yes, is the site operator on duty able to read, understand and implement the Site Operation Plan?			
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)" <i>c</i> "	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)			
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?	\boxtimes		[
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?	\boxtimes		[
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?			

	Has the transfer station made adequate provisions for routine operational maintenance of the facility?				
a pr		n site staff visually screen each load disposed of at the transfer station. In additionandling any potential "hot" loads. The scale operator and transfer station staff origin.			
	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?			
Solid 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		
emporary Solid	106.12(2)" <i>b</i> "	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
	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		
	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
on	nments:	hanton 40C 42: Transfer Chatian Beauth Vanion Barrier	V	N	NA
		hapter 106.13: Transfer Station Record-Keeping Requirements	Yes	No	NA
	106.13(1)"a"	Is a copy of the current permit(s) on site?		片	
Requirements	106.13(1)"b" 106.13(1)"c"	Is a copy of the current Site Operation Plan onsite? Is a copy of the current Emergency Response and Remedial Action Plan (ERRAP) onsite?			
nire	106.13(1)" <i>d</i> "	Is proof of current financial assurance on file?		П	П
	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?			
eping	106.13(2)"b"	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)"c"	Are three years of records being maintained by the transfer station with regard to the washwater management system inspection log?	\boxtimes		
Recc	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	\square		

Are three years of records being maintained by the transfer station with regard to training received by transfer station operator(s) pursuant to

regard to hot loads and hazardous, infectious, radioactive, or other

Comments:

106.13(2)"e"

106.11(1).?

unacceptable wastes found?

 \boxtimes

 \boxtimes

S	IAC 567 C	Yes	No	NA	
Reporting 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?	\boxtimes		
	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?	\boxtimes		

Comments: On-site staff document the solid waste and recyclables and submit reports to Jotham Arber, Director, who complies with the recordkeeping requirements and submits the quarterly reports to IDNR.

	IAC 567 Chapter 106.15: Transport Vehicle Construction & Maintenance					
rt 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			
Transport	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: Guthrie County Transfer Station staff hauls the solid waste to the Carroll County Landfill for final disposal. According to staff, an average of 2-3 semi loads of solid waste is transferred to Carroll County Landfill daily.

on	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		
port Vehicle	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		

	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?			\boxtimes
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Comments: I did not document litter around the facility at the time of my inspection. Facility staff monitor the area and pick up windblown litter as necessary.

Other Materials Accepted/Activities On-Site							
Recyclables Drop-Off		Appliance Demanufacturing					
Lead Acid Batteries		Electronics Demanufacturing					
Used Oil		Yard Waste Collection					
Antifreeze		Yard Waste Composting					
Tires		HHM/RCC	\boxtimes				
Brown Goods Collection		Other:	•				
Cathode Ray Tube Collection							
White Goods Collection							
Scrap Metal Salvaging							

^{*}Be advised your facility may require, due to either SIC code or onsite management practices, an NPDES General Permit #1 (Stormwater permit).

Comments:

Summary of Requirements:	Compliance Date:
1) As stated in 567 IAC 106.10(2)"e" A sign is required at the primary entrance. The sign must specify: 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)?	July 1, 2024
2) Continue compliance with permit 39-SDP-03-97P-XFR	Ongoing
3)	
4)	
5)	

Inspector: John Baker

Date: 04/29/2024

Reviewer: Wendy S. Wittrock

Date: <u>04/29/2024</u>

Facility Photographs





























IOWA DEPARTMENT OF NATURAL RESOURCES

Field Office 4

1401 Sunnyside Lane, Atlantic, Iowa 50022 712-243-1934 Sanitary Disposal Project Visit

Permit #: <u>39-SDP-01-74</u> Date this Inspection: <u>04/24/24</u>		1_	Previous Inspection Date: <u>07/06/22</u>				
Facility Name: <u>Guthrie County Landfill (Closed)</u> Weather Conditions at Time of Visit: <u>Sunny 52 degrees</u>							
Person(s) Contacted: Dan Smith, On-site Supervisor (641) 747-3764							
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							
No	PND	Obs Item	ervatio Yes	ns No	PND	Item	
		1. Fill Cover: daily; intermediate; final				9. Construction & Demolition Area	
		2. Control of Face: slope; width; location				10. Special Waste Handling	
		3. Compaction				11. Recycling Activities	
\boxtimes		4. Cover erosion; Ponding		\boxtimes		12. Operator Certification	
		5. Drainage into fill		\boxtimes		13. Staffing	
\boxtimes		6. Leachate Mgmt. & Control		\boxtimes		14. Equipment Backup/Maintenance	
\boxtimes		7. Litter		\boxtimes		15. Interior Roads	
		8. Wet Weather Area	,			16. Perimeter fence, gate, signs	
Location of Work Face: Closed Landfill							
Comments: I documented a couple small areas with minimal vegetation. The remaining closed portion supported healthy							
vegetation. Mr. Smith stated that staff will haul soil to fill in low spots and will work on re-establishing vegetation at these							
locations.							
Follow-up Actions Needed: N/A							
AUTHENTICATION							
Salve Baker							
INSPECTOR: John Baker, Environmental Specialist Reviewer: Wendy Wittrock, Environmental Specialist Senior						ock Environmental Specialist Senior	
Date:04/29/24 Date:04/29/24							
	rson(s) Yes - Se No Sion of Vinents: I ration. No ons. nate has not documents documents.	rson(s) Contact Yes – See Common No PND No P	rson(s) Contacted: Dan Smith, On-site Supervisor Were deficiencies noted or significan Yes – See Comments Sec., No – No deficiencies noted, Blan Obs No PND Item 1. Fill Cover: daily; intermediate; final 2. Control of Face: slope; width; location 3. Compaction 4. Cover erosion; Ponding 5. Drainage into fill 6. Leachate Mgmt. & Control 7. Litter 8. Wet Weather Area ion of Work Face: Closed Landfill ments: I documented a couple small areas with minimal ation. Mr. Smith stated that staff will haul soil to fill in loons. mate has not needed pumping in ~ ten years. Hydro Clemot document any litter control problems. Staff continue wup Actions Needed: N/A AUTHE	Weather reson(s) Contacted: Dan Smith, On-site Supervisor (64 Were deficiencies noted or significant observation (64) Weather reson (64) Weather sold (64) Were deficiencies noted or significant observation (64) Weather sold (64) Were deficiencies noted or significant observation (64) Were deficiencies noted o	Weather Condition (Closed) Weather Condition (Closed) Weather Condition (Closed) Weather Condition (Closed) Were deficiencies noted or significant observations (Conservations (Conservati	Weather Conditions a roon(s) Contacted: Dan Smith, On-site Supervisor (641) 747-3764 Were deficiencies noted or significant observations made du Yes – See Comments Sec., No – No deficiencies noted, Blank – Not applicable or of Observations No PND Item Yes No PND 1. Fill Cover: daily; intermediate; final	

Facility Photos



Photo 1: Area of bare soil/erosion



Photo 2: Repairs made after last inspection