



# STATE OF IOWA

CHESTER J. CULVER, GOVERNOR  
PATTY JUDGE, LT. GOVERNOR

DEPARTMENT OF NATURAL RESOURCES  
RICHARD A. LEOPOLD, DIRECTOR

June 30, 2009

Nancy Countryman  
Woodbury County Area Solid Waste Agency  
2210 Ida Avenue  
Merville, IA 51039

SUBJECT: Solid Waste Transfer Station Inspection  
Permit #97-SDP-02-75C, Woodbury County

Dear Ms. Countryman:

Enclosed is a copy of the report resulting from the June 22, 2009, inspection of the Woodbury County Transfer Station.

If you have any questions, or feel the report does not represent the conditions at your facility, please call me at (712) 262-4177.

Sincerely,

Jennifer Christian, Environmental Specialist  
jennifer.christian@dnr.iowa.gov  
Field Services and Compliance Bureau

JC:lw

c: -Becky Jolly, PP&ES, E&WMB, ESD, DNR, Des Moines

enc: -Inspection report

**IOWA DEPARTMENT OF NATURAL RESOURCES  
TRANSFER STATION PERMIT INSPECTION**

<b>Permit No.:</b> 97-SDP-02-75C	<b>County:</b> Woodbury
<b>Facility Name:</b> Woodbury County Transfer Station	<b>Facility Address:</b> Woodbury County Transfer Station 2210 Ida Avenue Moville, IA 51039
<b>Phone Number:</b> 712-873-3837	
<b>Responsible Official:</b> Woodbury County Solid Waste Agency	<b>Mailing Address:</b> same
<b>Phone Number:</b> 712-873-3837	
<b>Date of Last Inspection:</b> June 30, 2006	<b>Date of This Inspection:</b> June 22, 2009

**FACILITY SITING & LOCATION REQUIREMENTS [Rule 106.9]**

Item	Yes	No	NA
<b>1. If the transfer station is within the 100-year floodplain, then are there structures to prevent floodwater inundation from a 100-year flood of any area that comes into contact with solid waste or washwater?</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>2. Is the facility within 500 feet of an educational facility, healthcare facility, or permanent residence?</b> <i>If yes, go to question 2a.</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>2a. If yes, did construction of the educational or healthcare facility, or permanent residence begin before the permit application was received by the department?</b> <i>If yes go to question 2b.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>2b. Is screening (natural preferred but structural OK) utilized to minimize noise and visibility of operations?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

**REQUIREMENTS FOR THE TRANSFER STATION BUILDING [Rule 106.10(1)]:**

Item	Yes	No	NA
<b>1. Is the transfer station building sufficient to allow all solid waste to be unloaded from collection vehicles and loaded into transport vehicles inside of it?</b> <i>Note: Rear-loading 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.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2. Is the building sufficient to minimize dust and litter exiting the building?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>3. Is the building sufficient to keep out precipitation?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>4. Is the building sufficient to prevent the attraction or harboring of vectors?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>5. Are all surfaces that come in contact with solid waste or washwater impervious to liquids?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>6. Does the building have a drainage system that maintains a separation between stormwater and washwater?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>7. Does the building have a washwater collection system that directs washwater to a tank for later disposal, a sanitary sewer, or equivalent approved by the department?</b> <i>If the collection system has tanks for later disposal go to question 7a.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>7a. If washwater collection tanks are utilized for storage for later disposal, then do the tanks have high-level indicators or gauges?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>8. Does the transfer station store solid waste during non-operating hours?</b> <i>If yes go to questions 8a and 8b.</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>8a. Is the solid waste storage area clearly marked (i.e. a sign, painted line, cones, etc)?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>8b. Does the solid waste storage area have a fire detection system?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Item	Yes	No	NA
<b>9. Does the building have a surge pit to handle large volumes of incoming waste?</b> <i>If yes go to questions 9a and 9b.</i> <i>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.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>9a. Does the facility have effective odor control mechanisms?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>9b. Does the surge pit have a sprinkler system in case of fire?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>10. If the transfer station salvages materials, are the salvage storage areas clearly marked (i.e. signs, painted lines, cones, etc)?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>11. Is there sufficient indoor and outdoor lighting to minimize the difference in lighting (i.e. no temporary light blindness) when entering or exiting the building?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>12. Are their doors at each entrance and exit?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

#### OTHER DESIGN REQUIREMENTS [Rule 106.10(2)]

Item	Yes	No	NA
<b>1. Does the facility have a secure perimeter fence with lockable gates?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2. Does the facility use an IDALS certified scale?</b> <i>Note: The scale does not have to be on-site (i.e. nearby COOP, quarry, landfill etc).</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>3. Does the facility have adequate queuing distance for vehicles entering and exiting the property such that lines do not extend onto public streets?</b> <i>If no go to question 3a.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>3a. Does the facility have approval from the local government authority for lines to back-up onto public streets?</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>4. Does the facility have signs or pavement markings indicating safe and proper on-site traffic patterns?</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>5. Is there a sign at the primary entrance specifying:</b> a. The name and permit number of the facility; b. The operating hours; c. The materials accepted or the statement, 'All materials must have prior approval'; d. The telephone number of an emergency contact person?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

#### OPERATING REQUIREMENTS [Rule 106.11]

Item	Yes	No	NA
<b>1. Is site access controlled and limited to a time when a transfer station operator is on duty that:</b> a. Has read, understands, and is able to implement the plan of operations? b. Has read, understands, and is able to implement the Emergency Response and Remedial Action Plan? c. Is able to visually recognize universal symbols, markings, and indicators of unacceptable materials such as hot loads, and hazardous, infectious, and radioactive wastes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2. If the transfer station is permitted for 20,000 tons or more per year of solid waste, then is an operator on duty that has been certified in a SWANA Transfer Station Manager Course, or other course acceptable to the department?</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>3. Is solid waste only being accepted from within the designated service area?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Item	Yes	No	NA
<b>4. Are all unloading, handling, processing, screening, open storage, loading, and similar activities or processes involving solid waste performed inside of the transfer station building?</b> <i>Note: Rear-loading 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.</i> <i>Note: Salvaged materials that do not attract or harbor vectors may be stored outside of the building in a clearly marked, designated area.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>5. 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?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>6. Is salvaging only being performed by transfer station operators, and is scavenging prohibited?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>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?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>8. Is the transfer station building being maintained at a level of cleanliness necessary to prevent a nuisance or public health hazard?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>9. Is on-site litter being maintained at a level of cleanliness necessary to prevent a nuisance or public health hazard?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>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 of public health hazard?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>11. Is the washwater management system kept from overflowing?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>12. Are all surfaces that prevent washwater from entering the ground and groundwater impervious?</b> <i>If no go to question 12a.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>12a. Has the breach noted in question 12 been fixed within 24 hours, or has the facility prevented any solid waste or washwater from coming into contact with the breached area until repaired?</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments:

#### SOLID WASTE STORAGE [Rule 106.12]

Item	Yes	No	NA
<b>1. If solid waste is stored at the transfer station, is it stored:</b> <b>a. Inside the transfer station building in a clearly marked, designated area; or</b> <b>b. Inside the transfer station building in a surge pit; or</b> <b>c. Inside a secure solid waste transport vehicle, protected from precipitation and vectors?</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>2. Is solid waste being stored inside the transfer station building:</b> <b>a. In a designated area that is not a surge pit for not more than 48 hours, excluding Sundays and national holidays?</b> <b>b. In a surge pit for not more than seven days, including Sundays and national holidays?</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>3. Is solid waste being stored in a transport vehicle designated to:</b> <b>a. Travel only via roadway for not more than 48 hours, excluding Sundays and national holidays; or</b> <b>b. Travel via rail or navigable waterway, including intermodal container systems, for not more than seven days, including Sundays and national holidays?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

**RECORDKEEPING REQUIREMENTS [Rule 106.13]**

Item	Yes	No	NA
1. Is a copy of the current permit on site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Is a copy of the operations plan on site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Is a copy of the emergency response and remedial action plan (Rule 106.19) on site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Is proof of financial assurance (Rule 106.18) on file?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Is the transfer station maintaining records of the following information for a period of three calendar years, excluding the time before July 17, 2002: a. Tons of all solid waste disposed of quarterly; b. Destination of all outgoing solid waste; c. Washwater management system inspection log; d. Hot loads and hazardous, infectious, radioactive, or other unacceptable wastes found; e. Training received by transfer station operator(s) pursuant to rule 106.11(1)? (i.e. see OPERATING REQUIREMENTS questions 1 & 2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

**REPORTING REQUIREMENTS [Rule 106.14]**

Item	Yes	No	NA
1. Is the transfer station submitting quarterly tonnage reports to the department that include the following information: a. Tons of solid waste disposed of; b. Comprehensive planning areas from which the solid waste originated, and the tons of solid waste disposed from each county and comprehensive planning areas; c. Destinations of all outgoing solid waste?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Is the transfer station being inspected annually by an Iowa-licensed professional engineer for compliance with rule 106.10 (i.e. see REQUIREMENTS FOR THE TRANSFER STATION BUILDING and OTHER DESIGN REQUIREMENTS) and submitting that report to the department and field office by the first workday of November each year?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

**TRANSPORT VEHICLE CONSTRUCTION & MAINTENANCE REQUIREMENTS [Rule 106.15]**

Item	Yes	No	NA
1. Is the portion of the solid waste transport vehicle that contains solid waste sufficient to: a. Prevent the accidental discharge of its contents; b. Prevent the attraction or harborage of vectors; and c. Prevent the infiltration of precipitation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. If the transport vehicle has an open-top, then does it have a suitable cover that is not easily torn, shredded, broken, or otherwise breached under normal use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Is the transport vehicle clean enough to prevent a nuisance or vector attraction?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Is wastewater generated from any cleaning of the areas of the solid waste transport vehicle that hold solid waste being managed as washwater?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

**TRANSPORT VEHICLE OPERATION REQUIREMENTS [Rule 106.16]**

Item	Yes	No	NA
1. Are the solid waste transport vehicle's openings securely closed before transport so as to prevent the loss of solid waste?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Are the solid waste transport vehicle's openings securely closed during storage so as to prevent the loss of solid waste?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. 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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

**Summary**

- Ten recycle trailers are scattered throughout the planning area and are pulled daily. This program appears to be very successful in the communities.
- A new skid loader was purchased by the transfer station as back up for the existing skid loader that is used daily to move garbage.
- There was a large quantity of metal in the salvage storage area. Compressed Steel recycles the metal on an as needed basis.
- The tire pile was quite small, roughly 20 tires.
- Jebro continues to recycle their used oil approximately every two to three months.
- Appliance demanufacturing continues to be well operated.
- A new Household Hazardous Materials building has been constructed to the east of the scale house. Ms. Countryman intends to have it open within the next few months.

This transfer station is doing an excellent job meeting the requirements of their permit. The staff puts forth much effort to keep the operations functioning in an efficient manner.

Inspector:  Jennifer Christian  Date:  6/30/09

Reviewed By:  Bryon Whiting  Date:  6/30/09