



November 23, 2020

Cedar County Solid Waste Commission
Attn: Jeff Kaufmann
1202 240th Street
Tipton, IA 52772

Subject: Cedar County Transfer Station Inspection
Facility No: 16-SDP-02-88P

Dear Mr. Kaufmann:

On November 19, 2020 I conducted a routine compliance inspection of the Cedar County Transfer Station. I met with Cliff Taylor on site and we discussed and observed current site conditions. Enclosed is a report which outlines various items observed during the course of my inspection.

If you have any questions or would like further explanation of any part of this report, please contact me in this office at 319-653-2135.

Sincerely,

FIELD SERVICES & COMPLIANCE BUREAU

Bert Noll
Environmental Specialist

Encl. Inspection Report

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xc: Becky Jolly, IDNR Solid Waste Section, via email
Cedar County XFR File

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

| | |
|--|--|
| Permit No.: 16-SDP-02-88P-XFR | County: Cedar |
| Facility Name: Cedar County Transfer Station Phone Number: 563-886-6437 | Facility Address: 1202 240th Street, Tipton 52772 |
| Responsible Official: Gary Crock Phone Number: Same Person(s) Present: Cliff Taylor | Mailing Address: Same |
| Date of This Inspection: 11/19/20 | Date of Last Inspection: 3/29/17 |

| IAC 567 Chapter 106.9: Transfer Station Siting & Location Requirements | | Yes | No | NA |
|--|--|--------------------------|--------------------------|--------------------------|
| 106.9(1) | Is the transfer station building located within the 100-year floodplain? | <input type="checkbox"/> | x | <input type="checkbox"/> |
| 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? | <input type="checkbox"/> | x | <input type="checkbox"/> |
| 106.9(2) | Is the transfer station building within 500 feet of an educational facility, healthcare facility, or permanent residence? | <input type="checkbox"/> | x | <input type="checkbox"/> |
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | x |
| 106.9(2) | If yes, does the transfer station utilize screening to minimize noise and visibility of operations? <i>(Note: Screening shall utilize natural components to the maximum extent possible)</i> | <input type="checkbox"/> | <input type="checkbox"/> | x |

| IAC 567 Chapter 106.10(1): Transfer Station Design Standards | | Yes | No | NA |
|--|---|--------------------------|--------------------------|--------------------------|
| 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? <i>(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)</i> | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 106.10(1)"a" | Is the building sufficient to minimize dust and litter exiting the building? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 106.10(1)"a" | Is the building sufficient to keep out precipitation? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 106.10(1)"a" | Is the building sufficient to prevent the attraction or harboring of vectors? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 106.10(1)"b" | Are all surfaces that come into contact with solid waste or washwater impervious to liquids? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 106.10(1)"c" | Does the transfer station building have a drainage system that maintains a separation between stormwater and washwater? | <input type="checkbox"/> | <input type="checkbox"/> | x |

Comments: There is no washwater generated in the building. As a side note there was recently a fire at the existing building but it is still in use until plans for a new building are approved and it is built. Although there was damage to the existing building it is still operational.

| IAC 567 Chapter 106.10(1): Transfer Station Design Standards (Cont'd) | | Yes | No | NA |
|---|--|--------------------------|--------------------------|--------------------------|
| 106.10(1)"d" | 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? | <input type="checkbox"/> | <input type="checkbox"/> | x |
| 106.10(1)"d" | If a storage tank(s) is used, does it have a high-level indicator or gauge? | <input type="checkbox"/> | <input type="checkbox"/> | x |
| 106.10(1)"e" | Does the transfer station store solid waste during non-operating hours? | <input type="checkbox"/> | x | <input type="checkbox"/> |
| 106.10(1)"e" | If yes, is the solid waste storage area clearly marked? | <input type="checkbox"/> | <input type="checkbox"/> | x |
| 106.10(1)"e" | If yes, does the solid waste storage area have a fire detection system? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 106.10(1)"f" | Does the transfer station building have a surge pit to handle large volumes of incoming waste? <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 type="checkbox"/> | x | <input type="checkbox"/> |
| 106.10(1)"f" | If yes, does the transfer station building have an effective odor control mechanism? <i>(i.e. mist systems and air filters)</i> | <input type="checkbox"/> | <input type="checkbox"/> | x |
| 106.10(1)"g" | If yes, does the transfer station building have a sprinkler system installed over the area where solid waste is stored? | <input type="checkbox"/> | <input type="checkbox"/> | x |
| 106.10(1)"h" | If the transfer station salvages materials, are the salvage storage areas clearly marked? <i>(Note: Salvaged materials that do not attract or harbor vectors may be stored outside the building in clearly marked designated areas.)</i> | <input type="checkbox"/> | <input type="checkbox"/> | x |
| 106.10(1)"i" | Is their sufficient indoor and outdoor lighting to minimize the difference in lighting when entering or exiting the building? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 106.10(1)"j" | Does the transfer station building have doors at each entrance and exit? | x | <input type="checkbox"/> | <input type="checkbox"/> |

Comments: Waste is usually not stored in the building but is sometimes in the transport trucks.

| IAC 567 Chapter 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)? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 106.10(2)"b" | Does the transfer station use an IDALS certified scale? <i>(Note: The scale does not have to be onsite)</i> | <input type="checkbox"/> | x | <input type="checkbox"/> |
| 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? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | x |
| 106.10(2)"d" | Does the transfer station have signs or pavement markings indicating safe and proper on-site traffic patterns? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 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)? | x x x x | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |

| IAC 567 Chapter 106.11: Transfer Station Operating Requirements | | Yes | No | NA |
|---|---|--------------------------|--------------------------|--------------------------|
| 106.11(1) | Is site access controlled and limited to a time when a transfer station operator is on duty. | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 106.11(1)"a" | If yes, is the site operator on duty able to read, understand and implement the Site Operation Plan? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 106.11(1)"b" | If yes, is the site operator on duty able to read, understand and implement the Emergency Response and Remedial Action Plan (ERRAP)? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 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) | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 106.11(1)"d" | Is the transfer station permitted for 20,000 tons or more per year of solid waste? | <input type="checkbox"/> | x | <input type="checkbox"/> |
| 106.11(1)"d" | 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) | <input type="checkbox"/> | <input type="checkbox"/> | x |
| 106.11(2) | Is solid waste only being accepted from generators within the designated service area? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 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.) | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 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? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 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? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 106.11(6) | Is salvaging only being performed by transfer station operators? (Note: Scavenging shall not be allowed.) | <input type="checkbox"/> | <input type="checkbox"/> | x |
| 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? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 106.11(8) | Is the transfer station building being maintained at a level of cleanliness necessary to prevent a nuisance or public health hazard? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 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.) | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 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? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 106.11(11) | Is the washwater management system being inspected monthly and maintained in proper operating condition to prevent overflowing? | <input type="checkbox"/> | <input type="checkbox"/> | x |
| 106.11(12) | Are all surfaces that prevent washwater from entering the ground and groundwater impervious? | <input type="checkbox"/> | <input type="checkbox"/> | x |
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | x |
| 106.11(13) | Has the transfer station made adequate provisions for routine operational maintenance of the facility? | x | <input type="checkbox"/> | <input type="checkbox"/> |

Comments: There was little on or off site litter observed at the time of this inspection. Mr. Taylor indicated litter is collected by station employees as time allows and is necessary.

| IAC 567 Chapter 106.12: Temporary Solid Waste Storage at Transfer Stations | | Yes | No | NA |
|--|--|--------------------------|--------------------------|--------------------------|
| 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 | <input type="checkbox"/> | <input type="checkbox"/> | x |
| | 2) Inside the transfer station building in a surge pit; or | <input type="checkbox"/> | <input type="checkbox"/> | x |
| | 3) Inside a secure solid waste transport vehicle, protected from precipitation and vectors? | <input type="checkbox"/> | <input type="checkbox"/> | x |
| 106.12(2)"a" | 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? | <input type="checkbox"/> | <input type="checkbox"/> | x |
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | x |
| 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? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 106.12(2)"d" | 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? | <input type="checkbox"/> | <input type="checkbox"/> | x |

Comments: Solid waste stored in semis usually not for more than one day.

| IAC 567 Chapter 106.13: Transfer Station Record-Keeping Requirements | | Yes | No | NA |
|--|--|--------------------------|--------------------------|--------------------------|
| 106.13(1)"a" | Is a copy of the current permit(s) on site? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 106.13(1)"b" | Is a copy of the current Site Operation Plan onsite? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 106.13(1)"c" | Is a copy of the current Emergency Response and Remedial Action Plan (ERRAP) onsite? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 106.13(1)"d" | Is proof of current financial assurance on file? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 106.13(2)"a" | Are three years of records being maintained by the transfer station with regard to the tons of all solid waste disposed of quarterly? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 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? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 106.13(2)"c" | Are three years of records being maintained by the transfer station with regard to the washwater management system inspection log? | <input type="checkbox"/> | <input type="checkbox"/> | x |
| 106.13(2)"d" | 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? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 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).? | <input type="checkbox"/> | <input type="checkbox"/> | x |

| IAC 567 Chapter 106.14: Transfer Station Reporting Requirements | | Yes | No | NA |
|---|--|-------------|--|--------------------------|
| 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? | x x x | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> |
| 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? | x | <input type="checkbox"/> | <input type="checkbox"/> |

| IAC 567 Chapter 106.15: Transport Vehicle Construction & Maintenance | | Yes | No | NA |
|--|--|--------------------------|--|--------------------------|
| 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? <i>(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.)</i> | x x x | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> |
| 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? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 106.15(3) | Is the transport vehicle(s) being cleaned at intervals frequent enough to prevent a nuisance or vector attraction? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | x |

| IAC 567 Chapter 106.16: Solid Waste Transport Vehicle Operation Requirements | | Yes | No | NA |
|--|---|--------------------------|--------------------------|--------------------------|
| 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? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 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? <i>(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.)</i> | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 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? | x | <input type="checkbox"/> | <input type="checkbox"/> |
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | x |

Other Materials Accepted/Activities On-Site

| | | | |
|-----------------------------|---|--|--------------------------|
| Recyclables Drop-Off | x | Appliance Demanufacturing | <input type="checkbox"/> |
| Lead Acid Batteries | x | Electronics Demanufacturing | <input type="checkbox"/> |
| Used Oil | x | Yard Waste Collection | <input type="checkbox"/> |
| Antifreeze | x | Yard Waste Composting | <input type="checkbox"/> |
| Tires | x | HHM/RCC | x |
| Brown Goods Collection | x | Other: Fluorescent bulbs are crushed in a designed crusher and picked up with the HHM. | |
| Cathode Ray Tube Collection | x | | |
| White Goods Collection | x | | |
| Scrap Metal Salvaging | x | | |

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

Inspector: Bert Noll

Date: 11/23/20

Bert Noll

Reviewer: Ryan Stouder

Date: 11/23/2020

Ryan Stouder