

July 9, 2024

JENNIFER JORDAN
IOWA CITY LANDFILL AND RECYCLING CENTER
3900 HEBL AVENUE SW
IOWA CITY IA 52240

RE: Compliance Inspection
SDP Permit No. 52-SDP-01-72P; Johnson County, Iowa

Dear Ms. Jordan:

On June 20, 2024 I met with you to conduct a compliance inspection of the Iowa City Landfill. Attached you will find an inspection report including observations made during my visit. Based on the observations made during the compliance evaluation, there did not appear to be any landfill permitting or recordkeeping violations.

If you have any questions or would like further explanation of any part of this report, please contact me at this office at 319-653-2135 or via email ryan.stouder@dnr.iowa.gov.

Sincerely,
FIELD SERVICES & COMPLIANCE BUREAU



Ryan Stouder
Environmental Specialist Senior

Encl. SDP Insp Report

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xc: Becky Jolly, IDNR Solid Waste Section, via email
FOCD – Iowa City SDP Landfill

IOWA DEPARTMENT OF NATURAL RESOURCES

Field Office 6

1023 West Madison, Washington, IA 52353

319-653-2135

Sanitary Landfill Visit

Permit #: 52-SDP-01-72P

Date this Visit: 06/20/2024 @ 11:00 am

Previous Visit Date: 10/10/2023

Facility: Iowa City SDP

Weather Conditions at Time of Visit: 78°F, Partly Sunny

Wind: NW @ 5 mph

Person(s) Contacted: Jennifer Jordan – Landfill Superintendent

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

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

Comments: The area called FY 23 is the current active cell and receives approximately 400 tons of waste material each day. The landfill is open from 7 am to 4:30 pm Monday to Saturday each week. Ms. Jordan indicated that these hours may need adjusting on Saturday. Cell FY 23 is approximately half complete of the solid waste collection in the initial lift. Due to the recent rains, a small area of ponding is visible. The working face was not oversized and flat filling was being utilized. The use of dirt, spray-on alternative daily cover and tarps are used to cover the working face at the end of each day. No prohibited items were observed at the working face area. Compaction appeared effective for the waste. The use of portable litter catchers was deployed in this area, and appeared to be effective. Litter was confined to the working face area and along the temporary fencing erected as barriers to reduce the litter scatter. Ms. Jordan indicated that construction and demolition waste has been steadily increasing, which is approximately 8% of the waste received at the landfill. Staff are exploring efforts to address this increasing volume of material. Traffic to the working face is mainly commercial waste haulers and a few residential waste contractors. An area near the working face is utilized for cleaning out trailers or hauling equipment. A local earth moving company has helped in the continued delivery of soil to the landfill.

Minimal fugitive dust was observed due to the recent rain events. The efforts of bird monitoring are on-going along with continued communication with USDA-APHIS Wildlife Services. The vegetation on the landfill and new cell seems to be well maintained and established. I did not observe the leachate lagoon area, due to construction of gas collection lines. Ms. Jordan stated that the leachate lagoon gets emptied to the City of Iowa City's Wastewater system regularly. The gas collection feeds the flare and the gas volume has increased. No issues were determined with any monitoring wells. The composting of leaves and landscape material is growing and they are likely to exceed their permit limits. The landfill staff are looking for opportunities to reduce the amount of compost and address businesses that bring vegetation to the landfill. The City of Iowa City is working on the purchase of land near the landfill that could be utilized as the composting operation.

Ms. Jordan stated that a new offsite recycling collection site is being developed along South Riverside Drive. A new building is planned to be built starting in July to house equipment and replace a less functional building. A new full-time staff has been hired to help in the landfill operating efforts, which also includes assistance in the recycling programs as well.

At the public drop off/recycling area, the appliances were neatly staged on the concrete pad. Liberty Tire is utilized for the tire collection and removal at the landfill. All waste tires were located in the tire bin. Electronics are all stored under roof. Household hazardous waste collection is open Thursday to Saturday for folks to drop off material. The roadways and scale were both in working order. Posted landfill requirements and other general signage were observed.

AUTHENTICATION

INSPECTOR: Ryan Stouder

REVIEWER: Kurt Levetzow

Ryan Stouder
Kurt Levetzow