



November 18, 2021

Iowa City Landfill and Recycling Center
Attn: Jennifer Jordan
3900 Hebl Avenue SW
Iowa City, IA 52240

RE: SDP Compliance Visit; FOCD #83097
SDP Permit No. 52-SDP-01-72P; City of Iowa City Sanitary Landfill, Johnson County, IA

Dear Ms. Jordan:

On November 10, 2021 I met with you and Jason Eckrich to conduct a compliance visit at the City of Iowa City Sanitary Landfill. Attached you will find a visit report including items discussed and observations made during my visit.

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 at brian.lee@dnr.iowa.gov.

Sincerely,
FIELD SERVICES & COMPLIANCE BUREAU

A handwritten signature in black ink, appearing to read 'Brian Lee', is written over a light blue horizontal line.

Brian Lee
Environmental Specialist

Encl. SDP Visit Report

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xc: Becky Jolly, IDNR Solid Waste Section, via email
IC SDP File

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: 11/10/21 @ 9:00 am

Previous Inspection Date: 6/28/21

Facility: Iowa City SDP

Weather Conditions at Time of Visit: 45°F, Cloudy, Wind: NNW at 5-10 mph

Person(s) Contacted: Jen Jordan and Jason Eckrich

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/PCS
<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input 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 & Litter Records	<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: FY 18 is the current active cell and it is located in the west-central portion of the western fill area. The waste appeared to be compacted very well and no prohibited waste was observed. The flat fill/pancake method of fill is being implemented and a combination of tarps and spray-on cover is being utilized. A stockpile of soil is available as well. No ponding or leachate seeps were observed. At the time of my visit, a surface seep south of the working face was excavated to allow the leachate to drain vertically through waste. Multiple litter fences were in place along the fill area and west of the waste at the working face. Some wind-blown litter was observed around the cell, in the area west of the haul road, and north of the cell. However, no off-site litter was observed. The facility must make every effort to pick wind-blown litter daily, unless prohibited by unsafe conditions. The facility has one staff dedicated daily for litter removal and additional staff at least once per week picking litter. Working face traffic was easily entering/exiting the cell. Some of the area was wet and vehicles were sinking in a little bit (making ruts), but none were getting stuck. Addition of mulch or rock for base was recommended. Birds were observed at or near the working face, but were not excessive or hindering operations. The facility has continued to implement adequate cover minimize active/open area to limit bird activity.

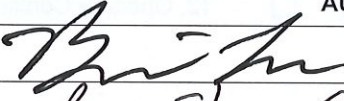

The wet weather area is located along the haul road and was covered with spray cover. This appeared to be the daily spray cover and not intermediate spray cover. A few spots appeared thin and some waste appeared vulnerable to the wind. Ensure the spray cover is applied in a thick, uniform blanket across all waste. Be reminded that after 7 consecutive days (or 60 days if intermediate cover) of exposure the daily spray cover will either need to be covered with soil or a new application of the material. Also, be reminded that any storm water from the working face area needs to be treated as leachate and not allowed to discharge from the site as storm water.

The public drop off area(s), composting pad, shingle recycling area, and wastewater lagoon were observed. Separating out the lawn mowers/small engine equipment from the appliances was recommended. Adding signage to that area to better layout unloading and storage was recommended. If the facility continues to have problems with mixed scrap metal, add signage explaining what is acceptable in the dumpster. No prohibited waste or issues were observed. The oil storage building had some staining around it, but migration of oil was not observed. Replacement of the oil storage structure is planned within the next few years. The compost area is at or nearing capacity, but a still appeared to be managed well. The facility must continue to ensure any runoff from the compost area is not allowed to discharge from the site. A few trees were observed around the wastewater storage lagoon and those are recommended to be removed to ensure they do not compromise the integrity of the berms. Migration of leachate from the leaf storage area, east of the scale house, was observed and that is planned to be addressed with either a mulch berm or other control. As mentioned, the facility must implement specific measures to prevent a non-storm water discharge. Tire storage is located east of the main scale and about 1000 tires were estimated to be stored. The facility utilizes Liberty Tire for tire removal and has requested them to remove tires. Keeping any record of correspondence with Liberty Tire, including removal requests, is recommended. The shingle recycling area was free of waste and a dumpster is provided for any waste disposal needed for that area.

Areas outside the current working face reportedly have at least two foot of intermediate soil cover. Some areas were bare or had grown up in weed cover. No severe erosion was observed, but the facility is reminded that per IAC 113.8(2)f(2), intermediate areas shall be graded to manage run-on and runoff pursuant to subrule 113.7(8) (run on and runoff controls) and that such active portions shall be seeded if they will not receive waste for a full growing season. One area of erosion was observed on the closed area on the east side, but that is planned to be addressed with some drainage pipe repairs. The overall cover appeared effective and well-maintained. The facility is reminded to conduct an annual inspection per the DNR Storm Water General Permit #1 (#6548-6388).

The facility has replaced equipment as needed and is adequately staffed. At least 11 staff are reportedly certified operators and multiple operators are on site each day. The facility is open a full 8 hour day on Saturday and traffic often extends past the entrance gate on those days. The facility plans to assess traffic and vehicle queuing, among other landfill processes and protocols. A comprehensive facility review/assessment will be conducted in the near future and modifications/upgrades will be implemented accordingly.

The facility inquired about modifications to the permit regarding the glass recycling/separation/storage as well and language that can be stricken from the permit. The facility is instructed to contact the DNR permit writer, Mick Leat (mick.lead@dnr.iowa.gov 515-689-6548) to answer those questions or resolve any issue regarding permit language. Be reminded that the current permit is set to expire on 1/8/23.

AUTHENTICATION		
INSPECTOR: Brian Lee		11/17/21
REVIEWER: Ryan Stouder		11/17/2021