

June 26, 2024

GREAT RIVER REGIONAL WASTE AUTHORITY  
ATTN AUSTIN BANKS  
2092 303<sup>rd</sup> AVENUE  
FORT MADISON, IA 52627

RE: SDP Compliance Inspection; FOCD Inspection #95245  
SDP Permit #56-SDP-07-80P; GRRWA, Fort Madison, Lee County, Iowa

Dear Mr. Banks:

On June 19, 2024 I conducted a compliance inspection of the Great River Regional Waste Authority (GRRWA) Landfill located in Fort Madison, Iowa. We discussed the current status of the facility and observed the landfill conditions. Enclosed you will find the detailed report including my observations made at the time of the inspection. The new cell portion was also reviewed at the time of this inspection. A separate form will be submitted to the DNR Solid Waste Section outlining a review of the new cell components.

No compliance issues were determined at the time of the inspection. However, concern was expressed regarding the slope of waste observed at the working face. A steep slope of waste was observed along the haul road. Landfill equipment did not appear to be able to safely traverse the slope of waste on the southwest corner of the active working face. Equipment should be able to safely traverse all slopes of waste, past the toe of the slope.

Furthermore, construction of the new cell continues on the north side of this site. Significant bare area exists and very few sediment or erosion control measures were observed. Stabilizing any idle bare areas with seeding/and or straw cover is recommended at this time. Future run-on and runoff controls around the new cell appear to be partially installed and will be addressed.

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](mailto:ryan.stouder@dnr.iowa.gov) .

Sincerely,  
FIELD SERVICES & COMPLIANCE BUREAU

  
Brian Lee  
Environmental Specialist

Encl. SDP Insp Report

N:FO6\BLEE\SW\2024\GRRWA SDP cover 061924  
N:FO6\BLEE\SW\2024\GRRWA SDP insp 061924  
N:FO6\PICTURES\2024\June\GRRWA SDP new cell 061924 (1-41)

xc: Becky Jolly, IDNR Solid Waste Section, via email  
FOCD: GRRWA Landfill #56-SDP-07-80P

**IOWA DEPARTMENT OF NATURAL RESOURCES  
Sanitary Disposal Project Inspection**

Permit #: 56-SDP-07-80P

Page 1

Facility Name: Great River Regional Waste Authority

Responsible Official: Austin Banks

County: Lee

Address: 2092 303<sup>rd</sup> Avenue Fort Madison

Facility Operator: Austin Banks

Phone: 319-372-6140

Address: Same

Date Last Inspection: 05/31/2023

Phone: Same

Date This Inspection: 06/19/24

Waste Amount: ~6800 tons per month

**At the Time of this Inspection:**

• facility personnel present: Austin Banks

• surface conditions: Dry/dusty

• active unit(s): Phase 2 Region 1, R2-3, R2-1

• ambient temperature: ~85F

• wind direction and speed: S 10-15 mph

Yes – compliance was being achieved; No – compliance was not being achieved,  
N/A – not applicable or not observed; PND – previously noted deficiency (PND).

**I. Documents and Record Keeping:**

Yes	No	N/A	PND	Item	Yes	No	N/A	PND	Item
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. Permit/Amendment documents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9. Financial assurance
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2. Site exploration report	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10. Storm water permit
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3. Plans/Specs and QC&A Reports	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	11. SWA/SWAC documentation
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4. Waste screening inspection records	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12. Operator Certification
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. Leachate recirculation authorization	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13. DOPs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6. Gas monitoring/remediation results	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14. ERRAP
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7. Groundwater monitoring results	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15. Other
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8. Closure/Postclosure plans/results					

**II. Operating Procedures:**

Yes	No	N/A	PND	Item	Yes	No	N/A	PND	Item
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. All weather access road to facility	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10. Scavenging and Salvaging
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2. Controlled Access at facility	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. scavenging prohibited
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. fencing or other perimeter barriers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b. salvaging authorized
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b. entrance gate with lock	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	c. salvaged material orderly
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	c. safe/proper on-site traffic patterns	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	d. salvage removal adequate
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3. Signage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	11. Animal feeding and grazing
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. facility name and permit number	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	a. animal feeding prohibited
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b. days and hours of operation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	b. grazing on final cover limited
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	c. wastes accepted/not accepted	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12. Survey controls and monuments
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	d. telephone # of resp. official	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. facility and waste boundaries surveyed and marked
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4. All weather access road in facility	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b. survey monuments established
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5. Adequate vehicle queuing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	c. stakes clearly marked
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6. Certified scale used	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13. Fill Sequencing
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7. Waste Screening	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. liner system protected
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. random inspections performed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b. slope failure controlled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b. inspection records	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	c. differential settlement controlled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	c. trained personnel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	d. run-on and runoff controlled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	d. EPA notification procedures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14. Control of Workface
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8. Prohibited materials listing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. size of area controlled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9. Open Burning and Fire Hazards	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b. slope is stable
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. open burning prohibited	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	c. litter control devices used
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b. vehicle fueling prohibited within 50 feet of workface	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	d. vectors controlled
					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	e. operator at workface

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15. Special Waste Handling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23. Run-on/Runoff Control Systems
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. operator familiar with SWAC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. ponding controlled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16. Waste Fill Cover	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b. dikes, ditches, berms & terraces intact
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. daily cover adequate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	c. tile lines maintained
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b. alternative cover authorized	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24. Landfill Equipment
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	c. scarification of daily cover	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. working properly
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	d. intermediate cover adequate (30/180 day)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b. backup equipment available
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	e. final cover maintained	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	25. Groundwater Monitoring Wells
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17. Leachate seeps	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. wells intact
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. seeps identified and controlled	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b. caps and locks
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	18. Leachate recirculation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	26. Gas Monitoring Wells/Points
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	a. composite liner	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	27. Emergency Procedures
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	b. RD&D authorization	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. ERRAP available to staff
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	c. personnel protected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b. emergency numbers posted
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	d. erosion controlled	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	28. Final Cover System
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	e. vegetation maintained	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. final cover over completed areas
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	19. Site Litter Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b. seeded
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. on-site litter picked up daily	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	c. vegetation established
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b. offsite litter picked up daily	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	d. run-on, runoff, and ponding controlled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	c. record of why litter not picked up	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	e. differential settlement controlled
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20. Dust Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	29. Other
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. dust controlled as vehicles enter/exit facility					
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b. dust controlled on internal roads					
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	c. dust controlled at the workface					
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	21. Mud Control					
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. mud controlled as vehicles enter/exit facility					
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	22. Leachate Control and Treatment					
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. system operational					
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b. head measurement device					
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	c. seeps controlled					
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	d. leachate tank maintained					
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	e. leachate lagoon maintained					
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	f. POTW agreement					
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	g. sanitary sewer discharge					
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	h. NPDES discharge permit					
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	i. NPDES on-site treatment					

Comments:

The facility permit was reviewed and recent updates and changes discussed. Unused ADCs have been removed and the facility will utilize soil and tarps for cover at this time. Pesticide container recycling remains in the permit but largely not utilized/implemented at this time. The storm water permit sampling has been conducted but the annual documented inspection has not yet been conducted. We discussed updating the SWPPP, DOPS, and ERRAP documents once the new cell is complete. The facility has 9 certified operators and renewal was just completed. Random waste screen documentation was discussed. Screens take place at the working face and are kept in a binder. We discussed ensuring the screening process is indeed random and follows the DOPs. The facility is reminded to document if any issues were found or not. Not all permit documentation was reviewed. The permit expires in September 2025 and renewal paperwork will be sent to the facility engineer in the near future. Documentation will need submitted and will be reviewed at the time of renewal.

The facility has updated the signage to include scale hours in addition to the normal operating hours. The scale will close earlier than the overall facility to allow staff adequate time to cover the cell at the end of the working day. No issues were determined with the interior roads. Dust control (water) was being applied by the new cell contractor. Traffic has increased within the facility, but no issues at the scale or impact to the public roadway were determined. The recycling area appeared well managed with containers accessible and signage posted. No issues were determined with the public drop off area. Trash, landscape waste, scrap metal, and tires each had their own dumpsters.

The working face was located along the upper/elevated portions of the active cells. The working face was located somewhat over the peak of a couple current cells. No flat area/flat fill operation was able to be conducted. Some uncovered waste was observed along the haul road and it should be recovered. Winds are typically from the south this time of year and portable litter fence/cages were located north/northeast of the

active cell. Minor litter was observed around the active cell area. No off-site litter was observed. The litter vac unit continues to be utilized but was down with a flat tire. The main dozer is down and a rented one is being utilized. The dozer was pushing soil and covering waste. The compactor was traversing most slopes with ease. Overall compaction appeared adequate, but some of the edges of waste were steep and did not appear to be easily traversed by landfill equipment. A couple tires/tire sections were observed in the waste. No other prohibited waste was observed. One leachate seep was observed on the south side of the working face, but leachate was not migrating far. That seep should still be addressed as soon as feasible. The current working face is the active and wet weather area. The area where waste can be initially dumped/pushed is small, but traffic should be able to adequately enter and exit the cell through the haul road loop (exit road is different than entrance road to the cell). Some trucks closing doors or securing vehicles after dumping waste may need to migrate farther from the working face during busy times to not cause congestion.

The shingles pile appeared clean/uniform and will continue to be utilized for a compost pad base and road base in the cell. The tire pile and landscape waste/compost areas were observed and no issues were determined. The grinder is now mainly utilized for tires and landscape waste. The leachate lagoon and storm water pond were also observed. The landfill lagoon is now managed under the City of Fort Madison's wastewater pretreatment program. The leachate pond had plenty of capacity. Pumping is generally consistent, but the landfill will communicate with the City if additional volume needs pumped. The storm water pond was recently discharged and will be cleaned out once the new cell is complete. The soil excavated will be dried out and reutilized.

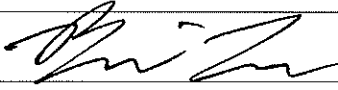
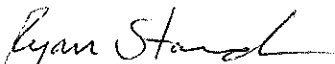
The south facing slope of the landfill, north of the storm water pond, had some bare areas, but also rock and a few terraces had been placed to limit erosion. Vegetation will plan to be reestablished where needed this fall. The closed cell appeared to have a thick uniform vegetative cover. The annual report for the last year was received on time and a few areas of erosion were noted. The area has not been mowed yet this year, but is planned to be soon. Some additional areas of erosion may be found during the mowing. All erosion issues should be addressed as soon as feasible. A few monitoring wells were observed while driving around the site, but none appeared unlocked. Facility must ensure all monitoring wells are locked.

The facility has started construction of a new cell on the northeast corner of the site. The cell has been excavated and groundwater drains are in. Half of the cell was lined and the leachate collection line was being installed at the time of my inspection. A new leachate pump station has been installed as well and will also be monitored via the SCADA system. Mick Leat (DNR Engineer) was consulted with at the time of this inspection and it was determined that an additional visit for the new cell was not necessary. All pertinent components appeared to be able to be assessed at the time of this inspection. A new cell assessment form will be completed and sent to Mr. Leat.

Due to the new cell construction and overburden, significant bare soil areas exist north and west of the new cell. Some areas have had been top-soiled and plan to be seeded when feasible. Other areas will remain fill/borrow soil. Few erosion and sediment controls were in place and adding more is recommended at this time. Controls will be placed in the drainage areas around the new cell. The sand drainage layer material for the new cell was observed stockpiled and will be placed once the liner is complete. The new cell will plan to be utilized in early July and waste will be placed over the slopes to begin with. C&D/rough material will be placed in the current active cells until the first lift is placed as needed in the new cell.

A gas collection process will be installed over the next year within the landfill area. Collection lines will be installed and gas will be collected and then refined elsewhere.

**AUTHENTICATION**

<b>INSPECTOR</b>	Brian Lee 	Date: 6/26/24
<b>REVIEWER</b>	Ryan Stouder 	06/27/2024