



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
MEMPHIS ENVIRONMENTAL FIELD OFFICE**

**8383 WOLF LAKE DRIVE
BARTLETT, TN 38133-4119
PHONE (901) 371-3000 STATEWIDE 1-888-891-8332 FAX (901) 371-3170**

July 29, 2020

Mayor Jimmy Sain
Hardeman County
P.O. Box 250
Bolivar, TN 38008

**CERTIFIED MAIL # 91 7108 2133 3932 2042 7300
RETURN RECEIPT REQUESTED**

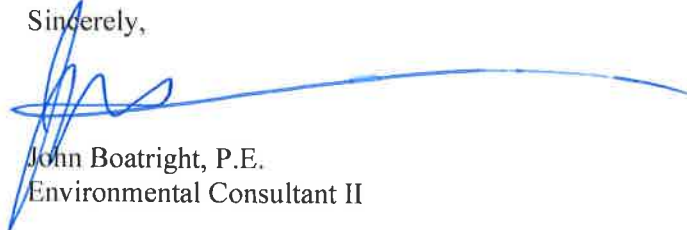
**RE: COMPLIANCE EVALUATION INSPECTION
NOTICE OF VIOLATION
HARDEMAN COUNTY LANDFILL
SNL350000223**

Dear Mayor Sain:

On July 16, 2020, the Division of Solid Waste Management (DSWM) conducted a follow up compliance evaluation inspection at your facility. The inspection was conducted to evaluate the facility's compliance with the Tennessee Solid Waste Disposal Act, Tennessee Code Annotated § 68-211-101 et seq. and with Tennessee's Solid Waste Regulations (Division Rule Chapter 0400-11-01) promulgated pursuant to that Act. During the inspection, violations of Tennessee's solid waste management regulations were identified. The attached Inspection Report/Notice of Violation (NOV) details the observations made by Division personnel during the inspection of your facility. Corrective measures for each violation must be implemented immediately and completed by August 16, 2020. A follow-up inspection will be conducted to confirm that the violations have been corrected.

If you have any questions or comments concerning this correspondence, please contact me by email at John.boatright@tn.gov or by phone at 901-371-3011.

Sincerely,



John Boatright, P.E.
Environmental Consultant II

ENCL: Inspection Report
JB/nb/079292020

CC: Rob Ashe, DSWM, Deputy Director of Field Office Operations
Chris Lagan, DSWM – Enforcement
Clifton Jeter, EFOM, DSWM, JFO
Herb Nicholson, P.G., CHMM, EFOM, DSWM, MFO

SOLID WASTE INSPECTION REPORT

SITE/PHYSICAL LOCATION

Bolivar-Hardeman County Landfill
SNL350000223
75 Landfill Lane
Bolivar, TN
731-658-2884

PRIMARY CONTACT

Jimmy Sain
Mayor
Hardeman County
100 N. Main Street
Bolivar, TN 38008

DATE/TIME OF INSPECTION

July 16, 2020, at 09:57 a.m.

INSPECTION PARTICIPANTS

Nathan Jordan, Site Operator
Kyle Norwood, Certified Operator
John Boatright, P.E., DSWM

REPORT PREPARED BY

John Boatright, P.E.
Division of Solid Waste Management
Memphis Environmental Field Office
8383 Wolf Lake Drive
Bartlett, TN 38113
901-371-3011

PURPOSE OF INSPECTION

This inspection was conducted to evaluate the solid waste disposal facility's compliance with the applicable requirements of the rules and regulations promulgated pursuant to the *Tennessee Solid Waste Disposal Act* and to evaluate the status of violations noted in previous inspections.

FACILITY DESCRIPTION

Hardeman County Landfill (SNL 350000223), is a permitted Class I Landfill. The landfill can not accept regulated hazardous waste. The landfill currently has 3 active special waste approvals (1 "one time" and 2 continuous disposal). The landfill is not presently receiving waste.

The landfill property consists of 163 acres, with 19 acres of permitted waste disposal in the current built landfill area. An older pre subtitle D landfill area has been closed. The current landfill consists of four constructed phases. Phase I has received final cover. Phases II and III are in operation. Phase IV has been constructed but not approved to receive waste. Phase IV is scheduled to be reconstructed to achieve approval to receive waste.

No waste has been placed in the landfill in several months due to limited air space.

INSPECTION FINDINGS

During the course of the inspection the following violation was identified.

Division Rule 0400-11-01-.04(2)(b)1.

- (2) General Facility Standards - Unless specifically noted otherwise, the standards of this paragraph apply to Class I, Class II, Class III, and Class IV disposal facilities.

(b) Control of Access and Use

1. The facility must have an artificial or natural barrier which completely surrounds the active portion of the facility and must have a means to control entry, at all times, through the gate or other entrances to the active portion of the facility.

Violation Observation:

Inadequate Artificial or Natural Barrier – There are large gaps in the three-wire fence just north of the scale house. These gaps are big enough for vehicles to pass through.

SIGNED: _____

DATE: 2020 07 29

John Boatright, P.E.
Environmental Consultant II
Tennessee Department of Environment and Conservation
Division of Solid Waste Management
Memphis Environmental Field Office

REVIEWED: _____



DATE: _____

7/29/2020

Herb Nicholson, P.G., CHMM
Environmental Field Office Manager
Tennessee Department of Environment and Conservation
Division of Solid Waste Management
Memphis Environmental Field Office

Attachments:

- (1) Facility Evaluation Form
- (2) Photographs of violations

Initial Inspection

**TENNESSEE DIVISION OF SOLID WASTE MANAGEMENT
CLASS I FACILITY INSPECTION CHECKLIST***

**CLASS I
FACILITY**

SITE		DATE 7/16/2020	TIME 09:57	WEATHER 80's PC
Bolivar-Hardeman County Landfill SNL350000223 75 Landfill Way Hardeman				EFO MEMPHIS
*SEE DISCLAIMER ON LAST PAGE				
VIOLATION		REGULATION		OBSERVATION NVO AOC V1 V2
BUFFER ZONE STANDARDS FOR SITING LANDFILLS				
8310	BUFFER ZONE STANDARD VIOLATED	0400-11-01-.04(3)(a)		<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
COLLECTED LEACHATE				
8330	LEACHATE IMPROPERLY MANAGED	0400-11-01-.04(4)(a)8(i-iii)		? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
8340	INADEQUATE LEACHATE COLLECTION SYSTEM	0400-11-01-.04(4)(a)7		? <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
COMMENTS	See 8570			
COMMUNICATIONS				
8130	NO COMMUNICATION DEVICES	0400-11-01-.04(2)(f)		? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
COVER MATERIAL				
8160	UNAVAILABILITY OF COVER MATERIAL.	0400-11-01-.04(2)(h)		? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
DEAD ANIMALS				
8250	DEAD ANIMALS IMPROPERLY HANDLED	0400-11-01-.04(2)(k)5.(ii) (I-III)		? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
DUST CONTROL				
8190	INADEQUATE DUST CONTROL	0400-11-01-.04(2)(j)		? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
DUTY TO PROVIDE INFORMATION				

*SEE DISCLAIMER ON LAST PAGE			
VIOLATION		REGULATION	OBSERVATION NVO AOC V1 V2
DUTY TO PROVIDE INFORMATION			
8530	UNSATISFACTORY RECORDS OR REPORTS	0400-11-01-.02(5)(a)7 TCA 68-211-862(a)	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
8590	PERMITS, PLANS, OPERATING MANUAL NOT AVAILABLE	0400-11-01-.02(5)(a)(7)	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
FIRE SAFETY			
8080	EVIDENCE OF OPEN BURNING	0400-11-01-.04(2)(c)1	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
8090	INADEQUATE FIRE PROTECTION	0400-11-01-.04(2)(c)2	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
GAS MIGRATION CONTROL STANDARDS			
8380	INADEQUATE GAS MIGRATION CONTROL SYSTEM	0400-11-01-.04(5)(a)	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
8390	INADEQUATE MAINTENANCE OF GAS MIGRATION CONTROL SYSTEM	0400-11-01-.04(5)(a)	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
GENERAL FACILITY STANDARDS			
8010	INADEQUATE VECTOR CONTROL	0400-11-01-.04(2)(a)1	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
8020	ACCESS NOT LIMITED TO OPERATING HOURS	0400-11-01-.04(2)(a)4	? <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS	SEE 8030		
8030	INADEQUATE ARTIFICIAL OR NATURAL BARRIER	0400-11-01-.04(2)(b)1	? <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
COMMENTS	The fence between the scale and the house to the north is down.		

*SEE DISCLAIMER ON LAST PAGE			
VIOLATION		REGULATION	OBSERVATION NVO AOC V1 V2
GENERAL FACILITY STANDARDS			
8040	INADEQUATE INFORMATION SIGNS	0400-11-01-.04(2)(b)2 TCA 68-211-703(h)	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
8050	UNSATISFACTORY ACCESS ROAD(S)/PARKING AREA(S)	0400-11-01-.04(2)(b)3	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
8060	CERTIFIED PERSONNEL NOT PRESENT DURING OPERATING HOURS	0400-11-01-.04(2)(b)5	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
8070	UNAPPROVED SALVAGING OF WASTE	0400-11-01-.04(2)(b)6	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
LITTER CONTROL			
8110	UNSATISFACTORY LITTER CONTROL	0400-11-01-.04(2)(d)	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
OPERATING EQUIPMENT			
8140	INADEQUATE OPERATING EQUIPMENT	0400-11-01-.04(2)(g)	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
8150	UNAVAILABILITY OF BACKUP EQUIPMENT	0400-11-01-.04(2)(g)	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
OVERALL PERFORMANCE STANDARD			
8270	EXPOSED SOLID WASTE	0400-11-01-.04(2)(a)(3)	? <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
COMMENTS Waste in the interface between phases II and III and IV are exposed. This item is addressed in the Phase IV renovation plan. Additional areas of exposed waste have occurred on the north and east faces of the landfill due to erosion of the cover. This is a recurring violation.			
8320	INADEQUATE MAINTENANCE OF LEACHATE MANAGEMENT SYSTEM (INSPECTOR TO CHECK AND RECORD LEACHATE LEVELS AT EVERY LANDFILL SUMP)	0400-11-01-.04(2)(a)(3) 0400-11-01-.04(4)(a)7	? <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
COMMENTS The temporary leachate pit on phase III no longer exist. Leachate pools in Phases II and III and flows over the the Phase IV liner to an off liner sump. This item is addressed in the Phase IV renovation plan. See Leachate Comments			

*SEE DISCLAIMER ON LAST PAGE				
VIOLATION		REGULATION	OBSERVATION NVO AOC V1 V2	
OVERALL PERFORMANCE STANDARD				
8350	LEACHATE OBSERVED AT THE SITE	0400-11-01-.04(2)(a)(3) 0400-11-01-.04(4)(a)6,	?	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS	No leachate was observed during this inspection. See comments.			
8360	LEACHATE ENTERING RUN-OFF	0400-11-01-.04(2)(a)(3) 0400-11-01-.04(4)(a)6	?	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS	See comments.			
8370	LEACHATE ENTERING A WATER COURSE	0400-11-01-.04(2)(a)(3) 0400-11-01-.04(4)(a)6	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
8420	POTENTIAL FOR EXPLOSIONS OR UNCONTROLLED FIRES	0400-11-01-.04(2)(a)2 0400-11-01-.04(5)(a)	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
8490	EXCESSIVE POOLING OF WATER	0400-11-01-.04 (2)(a)3 0400-11-01-.04(8)(c)4(iii)	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
8520	DUMPING OF WASTE INTO WATER	0400-11-01-.04 (2)(a)3	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
PERMANENT BENCHMARK				
8280	NO PERMANENT BENCHMARK	0400-11-01-.04(2)(o)	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
PERSONNEL SERVICES				
8120	INADEQUATE EMPLOYEE FACILITIES	0400-11-01-.04(2)(e)	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
PROPER OPERATION AND MAINTENANCE				
8540	GROUNDWATER MONITORING SYSTEM IMPROPERLY MAINTAINED	0400-11-01-.02(5)(a)4	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				

*SEE DISCLAIMER ON LAST PAGE				
VIOLATION		REGULATION	OBSERVATION NVO AOC V1 V2	
RANDOM INSPECTION PROGRAM				
8290	INADEQUATE RANDOM INSPECTION PROGRAM	0400-11-01-.04(2)(s)	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
RECORDS OF ORIGIN AND AMOUNT OF SOLID WASTE				
8610	NO OPERATING SCALES AND/OR FAILURE TO MAINTAIN WASTE RECORDS	TCA 68-211-862(a)(b)(1)(2)	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
RUN-ON, RUN-OFF, AND EROSION CONTROL				
8170	INADEQUATE MAINTENANCE OF RUN-ON/RUN-OFF SYSTEM(S)	0400-11-01-.04(2)(i)1-5 0400-11-01-.04(8)(c)4(i)	?	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
COMMENTS	The run-off ditch around the east and north sides has started to erode and no protections were in place at the time of the inspection. The ditch along the east face has begun to silt up. The current approved plans have an inadequate run-off and erosion control plan.			
8180	INADEQUATE EROSION CONTROL	0400-11-01-.04(2)(i)6 0400-11-01-.04(8)(c)4(ii)	?	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
COMMENTS	Numerous areas of excessive erosion. While mats and hay have been placed, the long flow lengths on the cover encourage erosion. Almost all of the recurring erosion is on the long flow length slopes. Excessive amounts of sediment are being discharged into the run-off system. The nature of the soil (sand) has allowed most of the sediment to settle out before it reaches the sediment pond.			
SPECIAL WASTE APPROVAL PROCESS				
8300	MISHANDLING OF SPECIAL WASTE	0400-11-01-.01(4)(d)1	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
UNLAWFUL METHODS OF DISPOSAL				
8570	OPERATION DOES NOT CORRESPOND WITH ENGINEERING PLANS (EVALUATE AND RECORD THE APPROXIMATE INTERIOR AND EXTERIOR SLOPE OF THE LANDFILL)	TCA 68-211-104(3) TCA 68-211-105(b)	?	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
COMMENTS	See comments.			
8580	OPERATION DOES NOT CORRESPOND WITH PERMIT CONDITIONS	TCA 68-211-104(3) 0400-11-01-.02(5)(a)(1)		<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
WASTE HANDLING AND COVER STANDARDS				
8430	WASTE NOT CONFINED TO A MANAGEABLE AREA	0400-11-01-.04(6)(a)1	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				

*SEE DISCLAIMER ON LAST PAGE				
VIOLATION		REGULATION	OBSERVATION NVO AOC V1 V2	
WASTE HANDLING AND COVER STANDARDS				
8440	IMPROPER SPREADING OF WASTE	0400-11-01-.04(6)(a)2	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
8450	IMPROPER COMPACTING OF WASTE	0400-11-01-.04(6)(a)2	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
8460	UNSATISFACTORY INITIAL COVER	0400-11-01-.04(6)(a)3 0400-11-01-.04(6)(a)5	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
8470	UNSATISFACTORY INTERMEDIATE COVER	0400-11-01-.04(6)(a)4 0400-11-01-.04(6)(a)5	?	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
COMMENTS	Numerous areas of erosion on the east and north faces. Waste was exposed on the top of the landfill, the east face, and on the north face of the landfill. This is a recurring violation.			
8480	UNSATISFACTORY FINAL COVER	0400-11-01-.04(6)(a)6 0400-11-01-.04(8)(c)4	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
8510	UNSATISFACTORY STABILIZATION OF COVER	0400-11-01-.04(6)(a)5,6	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
WASTE RESTRICTIONS				
8210	UNAUTHORIZED WASTE ACCEPTED	0400-11-01-.04(2)(k)1 0400-11-01-.04(2)(k)6	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
8220	UNAPPROVED SPECIAL WASTE ACCEPTED	0400-11-01-.01(4)(b) 0400-11-01-.01(4)(c)5	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				

*SEE DISCLAIMER ON LAST PAGE			
VIOLATION		REGULATION	OBSERVATION NVO AOC V1 V2
WASTE RESTRICTIONS			
8230	TIRES IMPROPERLY HANDLED	0400-11-01-.04(2)(k)3.(i) ?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
8240	MEDICAL WASTE IMPROPERLY HANDLED	0400-11-01-.04(2)(k)4.(i-iv) ?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			

LEACHATE LEVELS

The leachate meter was still inoperative at the time of the inspection. Personnel stated in April that a new one was on order.

**Disclaimer: The information contained in these documents (checklists/notes, etc.) is not intended to be all inclusive and is subject to change. These documents are intended solely for use by DSWM staff. These documents are not a substitute for evaluation of compliance in accordance with applicable laws and regulations. These documents are not intended for, nor can they be relied upon, to create any rights, substantive or procedural, enforceable or useable by any party in litigation with the State of Tennessee or its employees.*

SAVE FORM

Follow-Up Inspection Date

8/16/20

Inspector Name

John Boatright

Digitally signed by John Boatright
DN: cn=John Boatright, o=Division of Solid Waste Management, ou=Tennessee
Department of Environment and Conservation, email=john.boatright@dnr.gov, c=US
Date: 2017.07.25 17:48:18 -0500

ADDITIONAL COMMENTS

The specific violations related to the reconstruction of Phase IV (8340, 8320, and 8570) are not included in the follow-up inspection date (if any) listed above.

8180 - This has been a recurring violation. The 22TH insistence since September 2016. Since February 2018 this has been a constant violation either as minor or a major violation.

8350/60 - No leachate was observed on site during this inspection. This is typical during the dryer months of July and August..

EROSION CONTROL - Most temporary erosion control measures shown in the Tennessee Erosion Prevention and Sediment Control Program Level I course book do not require a permit modification to be implemented. The current approved plans have an inadequate storm water management and erosion control plan. More effort needs to be placed on reducing the erosive effects of moving water.


The primary problem for this facility in establishing and maintaining intermediate cover is the poor quality of the available soils. The primary soil is a very slightly clayey sand that has no cohesion when exposed to weathering. Hardeman County should either find a different source of soil that has a higher clay content or take aggressive stabilization measures. Until a more cohesive cover soil is found the County will continue to spend employee time and resources replacing the washed away cover.


Given the high erodability of the on site soils, the new run-off ditch around the east and north sides needs to be armored to prevent erosion of the ditch.

A corrective action plan has been approved by the Division.

The follow-up inspection date is for 8030 - Inadequate artificial or natural barrier. All other violations are covered by the Phase IV agreement or the July 2020 CAP.

Photographic Log

Site Name: Bolivar-Hardeman County Landfill	Tracking No.: SNL350000233	Date: 20200716
 <p>35.2860° N, 89.0543° W 2020-07-16 10:00:20</p>		
<p>Photo 1. View northeast over the rea with new cover. Note the erosion rills in the bare soil.</p>		

Site Name: Bolivar-Hardeman County Landfill	Tracking No.: SNL350000233	Date: 20200716
 <p>35.2869° N, 89.0543° W 2020-07-16 10:03:15</p>		
<p>Photo 2. View down the east face at the end of the new cover.</p>		


Site Name: Bolivar-Hardeman County Landfill	Tracking No.: SNL350000233	Date: 20200716
		

Photo 3. View up the east face. Note the heavy erosion and exposed waste at the toe of the slope. The damp area appears to be run-off water.






Site Name: Bolivar-Hardeman County Landfill	Tracking No.: SNL350000233	Date: 20200716
		

Photo 4. View west along the north toe.


Site Name: Bolivar-Hardeman County Landfill	Tracking No.: SNL350000233	Date: 20200716
		
Photo 5. Erosion in the run-off ditch at the northwest corner of phase III.		

Site Name: Bolivar-Hardeman County Landfill	Tracking No.: SNL350000233	Date: 20200716
		
Photo 6. View of the west face of phases II and III.		

Site Name: Bolivar-Hardeman County Landfill	Tracking No.: SNL350000233	Date: 20200716
		
Photo 7. Liquids flowing from under the phase IV liner into the temporary sump.		

Site Name: Bolivar-Hardeman County Landfill	Tracking No.: SNL350000233	Date: 20200716
		
Photo 8. Unprepared erosion on the west side of phase I.		

Site Name: Bolivar-Hardeman County Landfill	Tracking No.: SNL350000233	Date: 20200716
		
Photo 9. The open fence along the entry road near the scale house.		

Site Name: Bolivar-Hardeman County Landfill	Tracking No.: SNL350000233	Date: 20200716
		
Photo 10. Another gap in the fence north of the scale house.		