

STATE OF TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Jackson Environmental Field Office Division of Solid Waste Management 1625 Hollywood Drive Jackson, TN 38305

December 20, 2017

Mayor John Holden City of Dyersburg 425 W. Court Street Dyersburg, TN 38024 CERTIFIED MAIL #7010 1870 0001 1508 9796 RETURN RECEIPT REQUESTED

RE: COMPLIANCE EVALUATION INSPECTION

NOTICE OF VIOLATION

CITY OF DYERSBURG LANDFILL

SNL23-0218

Dear Mayor Holden:

On October 27, 2017 and November 13, 2017, the Division of Solid Waste Management (Division) conducted a Compliance Evaluation Inspection at the referenced 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 January 5, 2017. A follow-up inspection will be conducted to confirm that the violations have been corrected.

The Division appreciates the courtesy and cooperation shown by City of Dyersburg Landfill during the inspection. If you have any questions or comments concerning this correspondence, please contact Faith Crawford by email <u>Faith.Crawford@tn.gov</u> or by phone 731-512-1374; also you may contact Reese Yontz by email <u>Reese Yontz@tn.gov</u> or by phone 731-512-1376.

Sincerely,

cc:

James (Pete) Kelly

Environmental Field Office Manager Jackson Environmental Field Office

ackson Environmental Picia Office

Ashley Holt, Deputy Director, Field Offices

Nashville Central Office File

John Damesworth, Solid Waste Superintendent

SOLID WASTE INSPECTION REPORT

SITE/PHYSICAL LOCATION

City of Dyersburg Landfill SNL 23-0218 Sorrell Chapel Loop Dyersburg, TN 731-286-0450

PRIMARY CONTACT

John Damesworth Solid Waste Superintendent

DATE/TIME OF INSPECTION

October 27, 2017, 10:50 a.m. November 13, 2017, 1:00 p.m.

INSPECTION PARTICIPANTS

October 27, 2017: Faith Crawford, Division

Jerry Branham, Division

November 13, 2017: Faith Crawford, Division

Greg Wilson, Certified Landfill Operator

REPORT PREPARED BY

Faith Crawford Division of Solid Waste Management 1625 Hollywood Drive Jackson, TN 731-512-1374

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*.

Facility Description:

City of Dyersburg Landfill (SNL 23-0218), is a permitted Class I Landfill.

INSPECTION FINDINGS

During the course of the inspection the following violations were identified.

Division Rule 0400-11-01-.04(2)(a)3.

- (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.
 - (a) Overall Performance Standard The facility must be located, designed, constructed, operated, maintained, closed, and cared for after closure in such a manner as to minimize to the extent practicable:
 - 3. The potential for releases of solid wastes, solid waste constituents, or other potentially harmful materials to the environment except in a manner authorized by state and local air pollution control, and/or waste management control agencies.

Violation Observation:

Washout of Solid Waste – During the October 27, 2017 inspection of the City of Dyersburg Municipal Landfill, several small areas of exposed waste were noted to have washed out on the internal slopes. However, the more concerning issue was the northern slope where several very large areas of the slope had eroded and waste was exposed in long stretches down the slope following mostly a rill pattern. Here, some waste had washed down the slope and possibly past the liner. It was noted during this inspection that the landfill had received 5.7 inches of rain October 9-11, 2017 with several smaller periodic rain events after that leading up to the October 27, 2017 inspection.

During the November 13, 2017 inspection, it was noted that repair work had been done at the landfill. All of the smaller areas of exposed waste on the inner slopes noted during the October 27, 2017 inspection had been corrected. However, the larger washed areas on the northern slope remained non-compliant as observed previously. Certified Operator - Greg Wilson stated that the northern slope was too dangerous at the present time to operate equipment due to wet conditions within that area. The inspector advised the operator to (without delay and when safe for landfill staff to proceed) repair the northern slope washout areas to a compliant condition. Although leachate is a concern due the size of the areas of exposed waste, there was no visible leachate.

Division rule 0400-11-01-.04(2)(i)6.

- (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.
 - (i) Run-on, Run-off, and Erosion Control
 - 6. The operator must take other erosion control measures (e.g., temporary mulching or seeding, silt barriers) as necessary to control erosion of the site.

Violation Observation:

Inadequate erosion control – During the October 27, 2017 inspection, it was noted that erosion control measures had not been implemented to adequately control erosion and prevent washout of waste, especially on the northern slope. This violation is paired with the above violation, "Washout of solid waste". The northern slope had several large areas where the intermediate cover had eroded due to lack of maintenance. This type of soil is prone to easily erode even with a healthy stand of established vegetative cover. However, regular maintenance and installing adequate erosion control measures to slow run-on and run-off were recommended by the inspector.

In addition, smaller areas of erosion were observed on the internal slopes and erosional rilling was present at the southernmost slope facing the demolition area. On the internal slopes, very small isolated patches of erosion relate to the abovementioned "Washout of solid waste," along with some minor rills. This previous landfill cell ties into the current cell, creating a large "L" shape of exposed soil at the toe of the slope.

For stabilization, the previous cell received seeding and straw matting late summer and again in the fall. Unfortunately, this did not prevent the minor erosional rilling on internal slopes or the substantial rilling on the southernmost slope facing the demolition landfill area. A majority of the southernmost slope has more than the required twelve inches of intermediate cover and did not have any areas of exposed waste.

During the November 13, 2017 inspection, no progress had been made on the northern slope to bring erosional issues into compliance due to the aforementioned safety reasons. However, landfill staff worked all weekend on the internal slopes to repair erosion rills and areas of exposed waste. The inspector noted the repaired slopes were now compliant. Also, repair work on the southernmost slope that faces the demolition landfill area was performed with soil placement to eroded areas. This area has been seeded with wheat, blown with straw and straw bale anchors placed at intervals across the top of the slope. The area will need to be watched closely and maintained to mitigate any further erosion.

Division rule 0400-11-01-.04(6)(a)4.

- (6) Waste Handling and Cover Standards
 - (a) Class I Disposal Facilities
 - 4. Except for those completed portions to be finally closed (e.g., the final lift), all surfaces which will be left exposed for a period of over thirty days (e.g., initial and intermediate lifts) must be covered by an intermediate cover consisting of at least a one-foot layer of compacted soil or other material approved by the Commissioner.

Violation Observation:

Unsatisfactory intermediate cover – During the October 27, 2017 inspection, the inspector found the northern slope to have unsatisfactory intermediate cover due to the extensive amount of erosion the slope had sustained during recent heavy rainfall and areas of exposed waste that were now present. Several small areas were also noted on the internal slopes.

During the November 13, 2017 inspection, the inspector noted repairs were made to all of the smaller areas of unsatisfactory intermediate cover on the inner slopes. These areas in violation on the October 27, 2017 inspection were corrected. However, the larger areas on the northern slope remained non-compliant.

Division rule 0400-11-01-.04(6)(a)5.

- (6) Waste Handling and Cover Standards
 - (a) Class I Disposal Facilities
 - 5. All initial and intermediate cover depths must be maintained until either additional wastes are placed over the area or final cover is applied.

Violation Observation:

Unsatisfactory stabilization of cover – During the October 27, 2017 inspection, the inspector noted several very large areas of unsatisfactorily stabilized cover on the northern slope. Areas of the intermediate cover had eroded and waste was exposed in long stretches down the slope, mostly following a rill pattern. Small areas noted on the

City of Dyersburg Landfill October 27, 2017 Page 5

internal slopes where cover had eroded to an extent that waste was exposed also constitute unsatisfactorily stabilized cover. This violation pairs with the above violations "Inadequate erosion control" and "Unsatisfactory intermediate cover".

During the November 13, 2017 inspection, all of the smaller areas of unsatisfactory intermediate cover on the inner slopes that were noted during the October 27, 2017 inspection had been patched and will need to be stabilized to minimize further erosion. The larger areas on the northern slope remained non-compliant.

REMARKS / RECOMMENDATIONS

In addition, Violation Code 8320 was marked a V2 for Inadequate Maintenance of Leachate Management System as noted on the inspection checklists and is subject to a scheduled compliance date of January 20, 2017. This is based on a separate Leachate Management Compliance Letter you received on December 6, 2017 granting a 45-day period to submit, for Division review and approval, a planned method that directly measures the leachate level within the landfill or that demonstrates compliance by an indirect technique.

Also, a leachate management contingency plan is required that provides for storing the expected leachate generation in a 30-day period (i.e., submit for Division review and approval other adequate provisions to the current local POTW leachate disposal arrangement).

Faith Crawford

Environmental Scientist II

appes (Pete) Kelly

Environmental Field Office Manager

Attachments:

- (1) Facility Evaluation Forms for each inspection date
- (2) Photographs of area in violation and repaired area

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

CLASS I LANDFILL

SITE	ol 1 51:	· - ·		DATE	I THE AT	I AUGUSTUS
Check Site for Enforcement				201 71 027	тіме 10:50	weather 59 Degrees, Ove
Dyersbi	urg City Landfill SNL2300002	18 Sorrell Chap	el	INSPECTOR Faith Crawford	d, Jerry I	Branhan JACK
		*SEE DISCLAIMER ON LAS	T P	AGE		
	VIOLATION	REGULATION		OBSERVATION NVO AOC V1		COMMENTS
		ONE STANDARDS FOR S	ITI	NG LANDFILLS		
8310	BUFFER ZONE STANDARD VIOLATED	0400-11-0104(3)(a)				
		COLLECTED LEACH	ATE			
	LEACHATE IMPROPERLY MANAGED	0400-11-0104(4)(a)8(i-iii				
8330			· ·			
8340	INADEQUATE LEACHATE COLLECTION SYSTEM	0400-11-0104(4)(a)7	?			
		COMMUNICATION	VS			
8130	NO COMMUNICATION DEVICES	0400-11-0104(2)(f)	?			
7		COVER MATERIA	_			
	LINIAWAH ARHUTY OF COVER ANATONIA					
8160	UNAVAILABILITY OF COVER MATERIAL.	0400-11-0104(2)(h)	?			
1		DEAD ANIMALS				
8250	DEAD ANIMALS IMPROPERLY HANDLED	0400-11-0104(2)(k)5.(ii) (I-III	?			
		DUST CONTROL				
8190	INADEQUATE DUST CONTROL	0400-11-0104(2)(J)	?			
	DL	TY TO PROVIDE INFOR	MA	TION		
0500	UNSATISFACTORY RECORDS OR REPORTS	0400-11-0102(5)(a)7	?			
8530		TCA 68-211-862(a)				
8590	PERMITS, PLANS, OPERATING MANUAL NOT AVAILABLE		?			
		FIRE SAFETY				
8080	EVIDENCE OF OPEN BURNING	0400-11-0104(2)(c)1	?			

		*SEE DISCLAIMER ON LA	ST P/	AGE	
	VIOLATION	REGULATION		OBSERVATION NVO AOC V1 V2	COMMENTS
		FIRE SAFETY			
8090	INADEQUATE FIRE PROTECTION	0400-11-0104(2)(c)2	?		
	GAS M	IIGRATION CONTROL	STA	NDARDS	
8380	INADEQUATE GAS MIGRATION CONTROL SYSTEM	0400-11-0104(5)(a)	?		
8390	INADEQUATE MAINTENANCE OF GAS MIGRATION CONTROL SYSTEM	0400-11-01-,04(5)(a)	?		
	GI	ENERAL FACILITY STA	NDA	RDS	*
8010	INADEQUATE VECTOR CONTROL	0400-11-0104(2)(a)1	?	$\boxtimes \Box \Box \Box$	
8020	ACCESS NOT LIMITED TO OPERATING HOURS	0400-11-0104(2)(a)4	?		
8030	INADEQUATE ARTIFICIAL OR NATURAL BARRIER	0400-11-0104(2)(b)1	?	$\boxtimes \Box \Box \Box$	
8040	INADEQUATE INFORMATION SIGNS	0400-11-0104(2)(b)2 TCA 68-211-703(h)	?		
8050	UNSATISFACTORY ACCESS ROAD(S)/PARKING AREA(S)	0400-11-0104(2)(b)3	?		
8060	CERTIFIED PERSONNEL NOT PRESENT DURING OPERATING HOURS	0400-11-0104(2)(b)5	?		
8070	UNAPPROVED SALVAGING OF WASTE	0400-11-0104(2)(b)6	?		
		LITTER CONTROL			
8110	UNSATISFACTORY LITTER CONTROL	0400-11-0104(2)(d)	?		See comments below
-	f	OPERATING EQUIPM	-		
8140		0400-11-0104(2)(g)	?		
8150	UNAVAILABILITY OF BACKUP EQUIPMENT	0400-11-0104(2)(g)	?		

		*SEE DISCLAIMER ON LAS	T PA	\GE			
	VIOLATION	REGULATION		OBSERVATION NVO AOC V1 V2	COMMENTS		
OVERALL PERFORMANCE STANDARD							
8270	WASHOUT OF SOLID WASTE	0400-11-0104(2)(a)(3)	?		See comments below		
8320	INADEQUATE MAINTENANCE OF LEACHATE MANAGEMENT SYSTEM (INSPECTOR TO CHECK AND RECORD LEACHATE LEVELS AT EVERY LANDFILL SUMP)	0400-11-0104(2)(a)(3) 0400-11-0104(4)(a)7			Method still needs to be provided to check level is 12" or less on the liner.		
8350	LEACHATE OBSERVED AT THE SITE	0400-11-0104(2)(a)(3) 0400-11-0104(4)(a)6,	?				
8360	LEACHATE ENTERING RUN-OFF	0400-11-0104(2)(a)(3) 0400-11-0104(4)(a)6	?				
8370	LEACHATE ENTERING A WATER COURSE	0400-11-01-,04(2)(a)(3) 0400-11-01-,04(4)(a)6	?				
8420	POTENTIAL FOR EXPLOSIONS OR UNCONTROLLED FIRES	0400-11-0104(2)(a)2 0400-11-0104(5)(a)	?				
8490	EXCESSIVE POOLING OF WATER	0400-11-0104 (2)(a)3 0400-11-0104(8)(c)4(iii)	?				
8520	DUMPING OF WASTE INTO WATER	0400-11-0104 (2)(a)3	?				
u		PERMANENT BENCHM	1AR	K			
8280	NO PERMANENT BENCHMARK	0400-11-0104(2)(0)	?				
		PERSONNEL SERVICE	ES				
8120	INADEQUATE EMPLOYEE FACILITIES	0400-11-0104(2)(e)	?				
		OPERATION AND MA		ENANCE			
8540	GROUNDWATER MONITORING SYSTEM IMPROPERLY MAINTAINED	0400-11-0102(5)(a)4	?				
		NDOM INSPECTION PR	OGI	RAM			
8290	INADEQUATE RANDOM INSPECTION PROGRAM	0400-11-0104(2)(s)	?				
	RECORDS OF ORIGIN AND AMOUNT OF SOLID WASTE						

		*SEE DISCLAIMER ON LAS	T PA	(GE	
	VIOLATION	REGULATION		OBSERVATION NVO AOC V1 V2	COMMENTS
	RECORDS OF	ORIGIN AND AMOUN	ΤО	F SOLID WASTE	
8610	NO OPERATING SCALES AND/OR FAILURE TO MAINTAIN WASTE RECORDS	(1)(2)	?		
	RUN-ON	I, RUN-OFF, AND EROS	101	CONTROL	
8170	INADEQUATE MAINTENANCE OF RUN- ON/RUN-OFF SYSTEM(S)	0400-11-0104(2)(i)1-5 0400-11-0104(8)(c)4(i)	?		
8180	INADEQUATE EROSION CONTROL	0400-11-0104(2)(i)6 0400-11-0104(8)(c)4(ii)	?		Erosion control measures have not been put into place to adequately control erosion and prevent washout of waste and other rilling.
	SPEC	IAL WASTE APPROVAL	. PR	OCESS	
8300	MISHANDLING OF SPECIAL WASTE	0400-11-0101(4)(d)1	?		
	UNL	AWFUL METHODS OF	DIS	POSAL	
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)	?		3:1 and 3:1
8580	OPERATION DOES NOT CORRESPOND WITH PERMIT CONDITIONS	TCA 68-211-104(3) 0400-11-01-,02(5)(a)(1)			
		VACANT			
8260	VACANT	vacant			
8550	VACANT	vacant			
8560	VACANT	vacant			
	WASTE H	ANDLING AND COVER	ST	ANDARDS	
8430	WASTE NOT CONFINED TO A MANAGEABLE AREA	0400-11-0104(6)(a)1	?		
8440	IMPROPER SPREADING OF WASTE	0400-11-0104(6)(a)2	?		
8450	IMPROPER COMPACTING OF WASTE	0400-11-0104(6)(a)2	?		

	*SEE DISCLAIMER ON LAST PAGE					
	VIOLATION	REGULATION		OBSERVATION NVO AOC V1 V2	COMMENTS	
	WASTE I	HANDLING AND COVER	R ST	ANDARDS		
8460	UNSATISFACTORY INITIAL COVER	0400-11-01-,04(6)(a)3 0400-11-01-,04(6)(a)5	?		Initial cover is insufficient at the bottom of the working area slope in numerous areas where waste was not adequately covered.	
8470	UNSATISFACTORY INTERMEDIATE COVER	0400-11-0104(6)(a)4 0400-11-0104(6)(a)5	?		See comments below	
8480	UNSATISFACTORY FINAL COVER	0400-11-0104(6)(a)6 0400-11-0104(8)(c)4	?			
8510	UNSATISFACTORY STABILIZATION OF COVER	0400-11-0104(6)(a)5,6	?		see comments below	
		WASTE RESTRICTION	NS			
8210	UNAUTHORIZED WASTE ACCEPTED	0400-11-0104(2)(k)1 0400-11-0104(2)(k)6	?			
8220	UNAPPROVED SPECIAL WASTE ACCEPTED	0400-11-0101(4)(b) 0400-11-0101(4)(c)5	?			
8230	TIRES IMPROPERLY HANDLED	0400-11-01-,04(2)(k)3.(l)	?			
8240	MEDICAL WASTE IMPROPERLY HANDLED	0400-11-01-,04(2)(k)4.(l-iv)	?	$\boxtimes \Box \Box \Box$		

Sump and Tank Level Readings

Gauge readings: 30.6" (Starts: 35.3" Stops: 14.3")

Violation 8110: Blown litter around the site is not the issue. Excessive litter around the working area and on the interior slopes is the problem.

Violation 8270: Several small areas of exposed waste have washed out on the internal slopes. Several large areas of waste have washed out on the northern external slope. Here some waste has washed down the slope and has possibly washed past the liner.

Additional Comments

Violation 8470: Intermediate cover is insufficient on the northern external slope and areas on the southern-most external slope where cover has become thin enough to allow washout of waste or waste is exposed as flagging underneath. Keep in mind intermediate cover should not have flagging. Violation 8510: Intermediate cover must be stabilized if it will not be worked for at least thirty days. Areas that will be patched must be stabilized. This can be straw, seeding, matting, fencing, etc.

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^{*}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.

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



SITE	Check Site	for Enforcement		DATE	TIME		WEATH	IER	
				20171113	13:0	0	52 D	egrees,	Sunn
Dyorchu	rg City Landfill SNL23000021	9 Correll Chan	_,	INSPECTOR				E FO	
Dyersbu	ig City Landill SNL23000021	8 Sorrell Chap	ן יי	Faith Crawford	d			JACK	
		*SEE DISCLAIMER ON LAS	T PA	GE -					
	VIOLATION	REGULATION		OBSERVATION			cor	VIMENTS	
	DILECTO TO	 NE STANDARDS FOR SI	TIA		V2				
-	BUFFER ZONE STANDARD VIOLATED	0400-11-0104(3)(a)	1111	IG LANDFILLS					
8310	BOFFER ZONE STANDARD VIOLATED	0400-11-01-,04(3)(a)			—				
				$\ old old old old old old old old $					
		COLLECTED LEAGUE							
-	LEACHATE MADDODEDLY MANAGED	COLLECTED LEACHA	_			_			
8330	LEACHATE IMPROPERLY MANAGED	0400-11-0104(4)(a)8(i-iii)	7		_				
8340	INADEQUATE LEACHATE COLLECTION SYSTEM	0400-11-0104(4)(a)7	?						
0370	31316141								
\$		COMMUNICATION	_						
8130	NO COMMUNICATION DEVICES	0400-11-0104(2)(f)	?						
0130									
M		COVER MATERIAL	_						
8160	UNAVAILABILITY OF COVER MATERIAL.	0400-11-0104(2)(h)	?						
0100				$\boxtimes \sqcup \sqcup \sqcup$					
T P		DEAD ANIMALS	_						
8250	DEAD ANIMALS IMPROPERLY HANDLED	0400-11-0104(2)(k)5.(ii) (I-III	?		_				
0230				$\boxtimes \sqcup \sqcup \sqcup$					
N .	To an analysis of the second	DUST CONTROL	_						
8190	INADEQUATE DUST CONTROL	0400-11-01-,04(2)(J)	?		_				
0130				$\boxtimes \square \square$					
	-								
¥ .		TY TO PROVIDE INFOR	_	TION					
8530	UNSATISFACTORY RECORDS OR REPORTS	0400-11-01-,02(5)(a)7	?						
0330		TCA 68-211-862(a)		$\boxtimes \sqcup \sqcup \sqcup$					
8590	PERMITS, PLANS, OPERATING MANUAL NOT	0400-11-0102(5)(a)(7)	?						
0270	AVAILABLE								
		FIRE SAFETY							
8080	EVIDENCE OF OPEN BURNING	0400-11-0104(2)(c)1	?						
OVOU		1		$\boxtimes \Box \Box \Box$					

		*SEE DISCLAIMER ON LAST	ST PAGE
	VIOLATION	REGULATION	OBSERVATION COMMENTS
		FIRE SAFETY	
8090	INADEQUATE FIRE PROTECTION	0400-11-0104(2)(c)2	? 🛛 🗆 🗆
	GAS M	IGRATION CONTROL S	STANDARDS
8380	INADEQUATE GAS MIGRATION CONTROL SYSTEM	0400-11-0104(5)(a)	? 🛛 🗆 🗆
8390	INADEQUATE MAINTENANCE OF GAS MIGRATION CONTROL SYSTEM	0400-11-0104(5)(a)	
	GI	NERAL FACILITY STAN	NDARDS
8010	INADEQUATE VECTOR CONTROL	0400-11-0104(2)(a)1	
8020	ACCESS NOT LIMITED TO OPERATING HOURS	0400-11-0104(2)(a)4	
8030	INADEQUATE ARTIFICIAL OR NATURAL BARRIER	0400-11-0104(2)(b)1	
8040	INADEQUATE INFORMATION SIGNS	0400-11-0104(2)(b)2 TCA 68-211-703(h)	
8050	UNSATISFACTORY ACCESS ROAD(S)/PARKING AREA(S)	0400-11-0104(2)(b)3	
8060	CERTIFIED PERSONNEL NOT PRESENT DURING OPERATING HOURS	0400-11-0104(2)(b)5	
8070	UNAPPROVED SALVAGING OF WASTE	0400-11-0104(2)(b)6	
		LITTER CONTROL	
8110	UNSATISFACTORY LITTER CONTROL	0400-11-01-,04(2)(d)	Citter is much improved from last inspection. Only a few blown pieces near working area.
		OPERATING EQUIPMI	
8140	INADEQUATE OPERATING EQUIPMENT		
8150	UNAVAILABILITY OF BACKUP EQUIPMENT	0400-11-0104(2)(g)	

		*SEE DISCLAIMER ON LAS	T PA	AGE		
	VIOLATION	REGULATION		OBSERVATION NVO AOC V1 V2	COMMENTS	
	OVE	RALL PERFORMANCE S	IAT	NDARD		
8270	WASHOUT OF SOLID WASTE	0400-11-0104(2)(a)(3)	?		See comments below	
8320	INADEQUATE MAINTENANCE OF LEACHATE MANAGEMENT SYSTEM (INSPECTOR TO CHECK AND RECORD LEACHATE LEVELS AT EVERY LANDFILL SUMP)	0400-11-0104(2)(a)(3) 0400-11-0104(4)(a)7			Method still needs to be provided to check level is 12" or less on the liner.	
8350	LEACHATE OBSERVED AT THE SITE	0400-11-0104(2)(a)(3) 0400-11-0104(4)(a)6,	?			
8360	LEACHATE ENTERING RUN-OFF	0400-11-0104(2)(a)(3) 0400-11-0104(4)(a)6	?			
8370	LEACHATE ENTERING A WATER COURSE	0400-11-0104(2)(a)(3) 0400-11-0104(4)(a)6	?			
8420	POTENTIAL FOR EXPLOSIONS OR UNCONTROLLED FIRES	0400-11-0104(2)(a)2 0400-11-0104(5)(a)	?			
8490	EXCESSIVE POOLING OF WATER	0400-11-01-,04 (2)(a)3 0400-11-01-,04(8)(c)4(iii)	?			
8520	DUMPING OF WASTE INTO WATER	0400-11-0104 (2)(a)3	?			
		PERMANENT BENCHM	1AR	K		
8280	NO PERMANENT BENCHMARK	0400-11-0104(2)(o)	?			
16		PERSONNEL SERVICE	CES			
8120	INADEQUATE EMPLOYEE FACILITIES	0400-11-0104(2)(e)	?		9	
	PROPER	R OPERATION AND MA		ENANCE		
8540	GROUNDWATER MONITORING SYSTEM IMPROPERLY MAINTAINED	0400-11-0102(5)(a)4	?			
rd.	RAI	NDOM INSPECTION PR	OG	RAM		
8290	INADEQUATE RANDOM INSPECTION PROGRAM	0400-11-0104(2)(s)	?			
RECORDS OF ORIGIN AND AMOUNT OF SOLID WASTE						

		*SEE DISCLAIMER ON LAST	T PA	(GE	
	VIOLATION	REGULATION		OBSERVATION NVO AOC V1 V2	COMMENTS
	RECORDS OF	ORIGIN AND AMOUNT	ΤО	F SOLID WASTE	
8610	NO OPERATING SCALES AND/OR FAILURE TO MAINTAIN WASTE RECORDS	(1)(2)	?		
	RUN-ON	I, RUN-OFF, AND EROSI	101	CONTROL	
8170	INADEQUATE MAINTENANCE OF RUN- ON/RUN-OFF SYSTEM(S)	0400-11-0104(2)(i)1-5 0400-11-0104(8)(c)4(l)	?		
8180	INADEQUATE EROSION CONTROL	0400-11-0104(2)(I)6 0400-11-0104(8)(c)4(II)	?		Slopes have washed out and eroded on the North slope.
	SPEC	IAL WASTE APPROVAL	PR	OCESS	
8300	MISHANDLING OF SPECIAL WASTE	0400-11-0101(4)(d)1	?		
	UNL	AWFUL METHODS OF D	OISI	POSAL	
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)	?		3:1 and 3:1
8580	OPERATION DOES NOT CORRESPOND WITH PERMIT CONDITIONS	TCA 68-211-104(3) 0400-11-0102(5)(a)(1)			
		VACANT			
8260	VACANT	vacant			
8550	VACANT	vacant			
8560	VACANT	vacant			
	WASTE H	ANDLING AND COVER	ST	ANDARDS	
8430	WASTE NOT CONFINED TO A MANAGEABLE AREA	0400-11-0104(6)(a)1	?		
8440	IMPROPER SPREADING OF WASTE	0400-11-0104(6)(a)2	?		
8450	IMPROPER COMPACTING OF WASTE	0400-11-0104(6)(a)2	?		
			_		

		*SEE DISCLAIMER ON LAS	ST PA	MGE	
	VIOLATION	REGULATION		OBSERVATION NVO AOC V1 V	2 COMMENTS
	WASTE	HANDLING AND COVE	R S1	ANDARDS	
8460	UNSATISFACTORY INITIAL COVER	0400-11-0104(6)(a)3	?		
0400		0400-11-0104(6)(a)5			
8470	UNSATISFACTORY INTERMEDIATE COVER	0400-11-01-,04(6)(a)4	?		
0470		0400-11-0104(6)(a)5			Cover has eroded and waste has washed out on North slope
8480	UNSATISFACTORY FINAL COVER	0400-11-01-,04(6)(a)6	?		
0480		0400-11-01-,04(8)(c)4			7
8510	UNSATISFACTORY STABILIZATION OF COVER	0400-11-01-,04(6)(a)5,6	?		
0510					Intermediate cover has eroded and waste has washed out on the North slope.
		WASTE RESTRICTIO	NS		*
8210	UNAUTHORIZED WASTE ACCEPTED	0400-11-0104(2)(k)1	?		
0210		0400-11-0104(2)(k)6]
8220	UNAPPROVED SPECIAL WASTE ACCEPTED	0400-11-0101(4)(b)	?		
0220		0400-11-0101(4)(c)5]
9220	TIRES IMPROPERLY HANDLED	0400-11-0104(2)(k)3.(i)	?		
8230					
8240	MEDICAL WASTE IMPROPERLY HANDLED	0400-11-0104(2)(k)4.(l-iv	/)?		
0240					

Sump and Tank Level Readings

Gauge readings: 24.1" (Starts: 35.3" Stops: 14.3")

Additional Comments

Violation 8270: The large areas of waste that had washed out on the previous inspection (10-27-2017) have not been fixed due to the slope being too wet to put equipment on. As soon as the slope is dry enough to safely support equipment, the plan is to fix these areas. There is a sand pit at the toe of the slope that prevents any leachate from leaving the cell.

^{*}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.



Picture 1. The City of Dyersburg Landfill inspection on October 27, 2017: Photo of northern slope with erosion, washout of solid waste, unsatisfactory intermediate cover, and unsatisfactory stabilization of cover.



Picture 2. The City of Dyersburg Landfill inspection on November 13, 2017: Photo of unrepaired northern slope with erosion, washout of solid waste, unsatisfactory intermediate cover, and unsatisfactory stabilization of cover.

Some of the cover repair work that brought inner slopes back into compliance.

Working Face

Two red lines denote the "L-

Shaped" previous fill area interface with the current

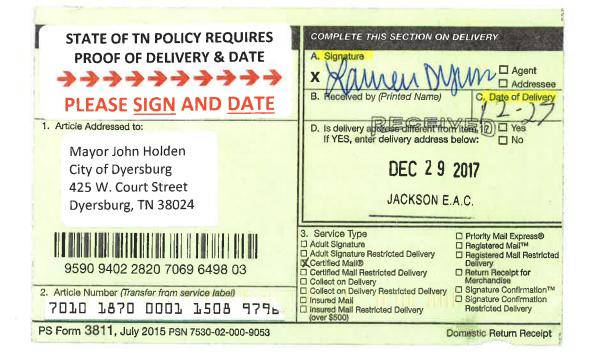
fill area.

Nov 13, 2017, 1:12 PM

Picture 3. The City of Dyersburg Landfill inspection on November 13, 2017: Photo of repaired inner slopes that were observed with erosion, washout of solid waste, unsatisfactory intermediate cover, and unsatisfactory stabilization of cover on the October 27, 2017 inspection.



Picture 4. Same picture as Picture 3, without the lines and text boxes



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