

Loudon County Solid Waste Disposal Commission  
December 18<sup>th</sup>, 2025  
6:00PM  
Loudon County Annex

Roll Call

Public Comment

LCSWDC:

- November 2025 Minutes
- 2024 & 2025 Audit Update
- New Borrow Pit Update
- Jurisdictional Water
- Paving Update

Republic:

- Operations
- Engineering Report
- Airspace Utilization Report
- TDEC Inspection(s)
- Host and Security Fee Letter
- LCSWDC Financial Information

Action Items

Adjourn

## **Loudon County Solid Waste Disposal Commission Meeting Minutes**

**Date:** November 20, 2025

**Meeting Type:** Regular Commission Meeting

**Location:** Courthouse Annex Building, Loudon, Tennessee

**Time:** 6:00 pm EST

**Chairman:** Mr. Adam Waller

### **Attendees:**

- **Commission Members Present:** Ms. Monty Ross, Mr. Gary Hendrix, Chairman Mr. Adam Waller, Mr. Andy Lawson, Dr. Steve Bartell
- **Legal Representation:** Ms. Elizabeth Murphy
- **Republic Services:** Mr. David Hollinshead, Mr. Stoddard Pickerell
- **Consulting Engineer:** Mr. Chris Cline
- **Special Presenters:** Mr. Todd Smith, Waste Away Technologies
- **Public:** Mr. Brian Viars, Mr. Richard Anklin

### **PUBLIC COMMENTS**

Brian Viars reported ongoing litter and mud problems on roads adjacent to the landfill, providing photographic evidence of trucks with uncovered loads losing trash and blowing debris at approximately quarter-mile mark from entrance. He documented flatbed trailers losing large pieces of trash and standard refuse trucks blowing plastic and packing materials. Mr. Viars confirmed debris remained on roadway for hours and noted recent rainfall has created extremely bad mud conditions. The commission discussed enforcement mechanisms including existing \$3,000 littering fines, requirements for covered loads, and sheriff's department ticketing authority. Mr. Hendrix suggested temporary flyer distribution program at entrance to remind drivers of covering requirements. David Hollinshead committed to speaking with Teresa about enforcement, and Chairman Waller agreed to contact the sheriff's department again. The commission acknowledged residential haulers with pickup trucks and small trailers represent significant traffic volume alongside commercial trucks, with Mr. Hendrix noting some improvement in areas where cleanup volunteer Lisa Vinton has been active.

### **ADMINISTRATIVE ACTIONS**

The commission approved October 2025 meeting minutes as presented (motion by Dr. Bartell, second by Mr. Hendrix, unanimous approval). Chairman Waller reported receiving draft FY 2023-24 and FY 2024-25 audits on Thursday requiring additional review before December presentation for approval, noting the commission will also need to select a new auditor from the state-approved list for FY 2025-26. David Hollinshead clarified the fee discrepancy from previous month, explaining fees were paid correctly as documented in worksheets with checks matching calculations, but cover letters contained incorrect information; November payment included corrected letter and Hollinshead committed to providing updated letters for September and October to finance department. The commission approved 2026 meeting schedule as presented in packet (motion by Ms. Ross, second by Mr. Lawson, unanimous approval).

## **TENNESSEE NATIONAL EASEMENT AMENDMENT**

Ms. Murphy explained the commission previously approved a 50-foot permanent landscape buffer easement for Tennessee National but subsequent legal review identified missing ingress and egress provisions creating potential operational conflicts. Without defined access rights, Tennessee National would face conflicts regarding equipment access, truck traffic, material stacking, tree removal, and planting activities behind the buffer. The amended paperwork adds a 50-foot ingress and egress easement adjacent to the landscape buffer, with final documentation following board approval and a December 2nd meeting scheduled between Ms. Murphy and Tennessee National's attorney to finalize details. The commission approved the additional 50-foot ingress and egress easement (motion by Ms. Ross, second by Dr. Bartell, unanimous approval).

## **WASTE AWAY TECHNOLOGIES PRESENTATION**

Chairman Waller introduced Todd Smith from Waste Away Technologies, who provided a five-minute overview of the company's waste-to-fuel technology with an option to return in January for a more detailed presentation. Founded 23 years ago in Marison, Tennessee, Waste Away is a green technology innovator that diverts 85% of municipal solid waste from landfills by converting it into clean, renewable biofuels that generate revenue for municipalities. The company's proprietary "cellulator" hydrolizer processes household waste at 365° temperature and 120-140 PSI pressure for 30 minutes, producing "cellulate"—a fluffy, mulch-like material rated by the EPA as clean biofuel for steel mills, cement kilns, paper mills, and power plants. Their anaerobic digestion process converts this solid fuel into renewable natural gas in 20-30 days compared to 10-20 years for traditional landfill gas collection. Waste Away currently operates in Nashville/Brentwood and is negotiating a 400 ton-per-day plant in Murfreesboro, with additional projects in California, Canada, Hawaii, and New Zealand. Ms. Ross asked about glass handling; Smith explained glass is used in building materials, asphalt, and road construction, noting Blount County replaced traditional aggregate with glass chips. Dr. Bartell inquired about energy return on investment analysis, which Smith confirmed has been completed with detailed data available for future discussions.

## **VULTURE CONTROL PROGRAM**

Chairman Waller reported minimal vulture activity currently per USDA contractor feedback, with no significant charges being incurred and limited capturing required, though the contractor anticipates increased activity during spring season with regular monitoring continuing.

## **ENVIRONMENTAL MONITORING**

Stoddard Pickerell reported second semi-annual groundwater sampling scheduled for first week of December, largely replicating previous year's protocol with addition of southwest and southeast springs on Purdy property using simplified notation. TDEC identified impacts requiring quarterly monitoring for 1,2-dichlorobenzene and naturally occurring contaminants (arsenic, zinc, cobalt) at southwest spring (Purdy springs), with one sampling event conducted collecting two samples though limited data currently available for origin determination. Dr. Bartell raised strategic questions about monitoring well placement relative to groundwater flow direction shown in Figure 1, noting wells MW-11A and MW-2 appear misaligned with indicated flow, substantial distance between MW-2 and MW-3, and questioning whether current network provides rigorous characterization of potential off-site contaminant movement, acknowledging budgetary constraints but noting design wouldn't meet research program standards. Stoddard explained

groundwater flow follows topographic gradient with potential aquifer pressure variations, current configuration meets TDEC point-of-compliance requirements (upgradient/downgradient), and vendor changes implemented with CEC no longer conducting reporting or sampling to obtain fresh expert perspectives. Dr. Bartell questioned temporal variability adequacy of quarterly/semi-annual sampling for trace metals influenced by suspended particulate, pH, and conductivity, noting dramatic concentration changes between turbidity levels. Stoddard acknowledged well health importance, noting many wells purge dry during sampling and new vendor requirements include well redevelopment, damaged casing/pad replacement, and sediment clearing to obtain representative screen interval data. Ms. Murphy requested additional information for commission review including well depths, current groundwater levels, and sampling depth specifications, which Stoddard confirmed Republic can provide. Ms. Ross asked about sampling schedule flexibility; Stoddard explained rainstorms shouldn't directly influence groundwater sampling, proposed shifting from traditional June/December schedule (which creates holiday and vacation laboratory logistics problems) to April-May and October-November rotation, noting current schedule appears traditional rather than regulatory requirement. Ms. Murphy noted southwest spring's quarterly monitoring represents progression toward potential non-compliance—"not a great thing, but not nothing"—recommending commissioners review November 4th TDEC summary, prepare December questions, and request additional information from Republic, suggesting Chris Cline would face challenges and additional costs analyzing extensive hydrological information that Republic can likely provide more efficiently. New vendors include Weaver Consultants (Nashville) conducting sampling and Egan Associates (Canton, Ohio) producing reports and assessment monitoring analysis.

## **INFRASTRUCTURE PROJECTS**

Stoddard reported test pit excavation on Module C and D closure anchor trench to verify designs match permitted specifications, with elevation discrepancies discovered showing actual elevations higher than design documents (potential survey variance or benchmark issues), positively implying waste relocation at toe of slope may be less extensive than anticipated, with Chris Cline kept informed though minimal progress since last discussion as methodical excavation continues toward installing toe drain system and completing winterization. Both new cell modules are holding leachate successfully and can pump themselves dry with rainstorms adding some influence requiring supplemental on-site pump, awaiting final TDEC screen with Chairman Waller noting TDEC is reviewing Republic's approximately 600-page report with completion expected soon enabling new cell opening. The leachate storage tank is holding properly, controlled, and fully recertified with all systems operational. Borrow pit testing completed last week showed very few refusals (limited to northwestern hill portion), testing focused south of ephemeral stream showed no impacts with some soil moisture but no obvious water signs, indicating really viable soils across property outside northwest corner refusal area providing excellent soil availability for closure and operational needs. The commission authorized Republic Services to file rezoning application for two parcels adjacent to landfill from A1/A2 Agricultural to Community Facility District for private soil borrow area exclusively for landfill, which must proceed through County Planning Commission review and County Commission approval (motion by Mr. Lawson, second by Dr. Bartell, unanimous approval).

## **STORMWATER MANAGEMENT**

Pond One remains typically dry with no issues; Pond Two remains plugged with material backed out from east ditch, with late October sampling during rainstorm producing turbid samples showing compliant pH, ammonia, and nitrogen but spiked TSS due to rain event timing and slightly elevated COD indicating

ongoing reactions, with new sample collected this week before rains for more representative baseline, TDEC receiving all results with commission copied, and closure project including comprehensive remediation through four-bay construction, complete mucking/cleaning, and new riser structure installation while monitoring and interim remediation continue.

## **JURISDICTIONAL WATERS DISCUSSION**

Chairman Waller requested Chris Cline, Stoddard Pickerell, and Dr. Bartell conduct on-site property walk to examine jurisdictional water features before December decision-making. Chris Cline provided comprehensive chronological summary: January 2022 CEC report determined pond area as perennial stream (year-round flow supported by groundwater) based on water presence seven days post-rain with aquatic life evidence, though report noted stormwater pond upstream; Barge report classified stream crossing Tennessee National property as intermittent (seasonal wet weather/dry season flow); HH&T report determined borrow area stream mostly ephemeral (rain-dependent with potential groundwater influence), with professional distinction between ephemeral and wet weather conveyance remaining unclear. Critical finding shows all three sections are disjointed with gaps containing no water features. Cline explained two-part analysis required: stream type (TDEC jurisdiction) and jurisdictional status (Army Corps jurisdiction), noting 2024 Army Corps rule change means disconnected sections cannot be classified as jurisdictional with upstream disconnected portions no longer considered jurisdictional, raising questions about how disjointed creek sections exist downstream of perennial stream yet aren't classified perennial. Cline noted 2022-2025 timeframe shows significant on-site and surrounding area changes warranting TDEC re-evaluation of entire stream system, with CEC's 2022 report noting stormwater pond upstream of perennial classification (small 152-foot section that shifted somewhat as pond moved east), emphasizing need to definitively determine if perennial classification still applies since maintaining that status would require TDEC jurisdictional oversight, potential ARAP permit, and stream mitigation/relocation dependent on future landfill expansion landscape. Stoddard explained borrow area submittal addressed ephemeral stream with hydraulic termination data showing no groundwater intrusion substantiated by test pits, potentially disconnecting essentially all previously deemed jurisdictional streams from subject site, with plans to replicate study on subject site for confirmation of disconnected features and assurance stormwater ponds are surface water capture (not spring-fed), noting TDEC allows wet weather conveyance proof through mid-February to mid-April site visits. Ms. Murphy provided critical legal clarification distinguishing state and federal frameworks, explaining streams traveling underground may be treated as streams by state without jurisdictional/navigable waters determination, with that language moving discussion to Clean Water Act coverage representing huge debate area, but state's primary concern is stream removal/burial permitting with mitigation credit rather than jurisdictional status, emphasizing "no net loss" rule requiring compensation for removed stream footage, noting state doesn't use perennial/ephemeral distinctions (federal framework) but rather wet weather conveyance versus stream requiring permit, with state issuing permits under federal program delegation following their own rules, cautioning commission against covering features without proper permits while developers historically tried changing laws to avoid stream permits. All parties agreed three-person site visit will inform proper permitting approach with findings reported December 18th.

## **TDEC INSPECTION - NOVEMBER 19, 2025**

Yesterday's 1:00 PM inspection identified one AOC with two components: massive 40-foot scale removed from new interior slope above modules one/two (buried approximately two decades) created void space

with French drain installation in progress and leachate visible from void area flowing into new lined cell (no human health concern, visibility issue only until waste placed), with contractor authorized for disposal reportedly scrapping metal; and east ditch remaining plugged continuing as AOC until properly fixed and operating per permit with December resolution targeted. November inspection report included in packets with December packet also included for online posting.

## **ROAD PAVING PROJECT**

David Hollinshead and Stoddard provided comprehensive update: catch basins delivered today weighing approximately 50,000 pounds combined with grates, robust infrastructure designed for heavy commercial traffic with three installations planned for maximum sediment capture; 1,000 linear feet paving from scales to 100 feet past wheel wash (approximately 20% mile, similar to street sweeping area). Revised start date Friday December 6th (delayed from post-Thanksgiving to allow clearing anticipated holiday MSW volume increase) with up to 10-day duration including weather contingency, completion target December 15th, full operation December 16th. Weekend intensive work includes road excavation, catch basin/grate installation, paver preparation, with lane-by-lane construction (outbound first requiring catch basins, inbound second), one lane operational throughout, professional flaggers managing traffic with staging area on hill preventing Highway 72 backups, controlled departure flow maintaining operations. Heavy-duty cattle guard-style grates engineered to support all truck types, capture sediment before public roads, and facilitate maintenance access. Chairman Waller noted project addresses Brian Viars' longstanding permanent solution request; Viars expressed hope while maintaining skepticism about dumping in mud. Upon TDEC certification (anticipating rapid turnaround), waste placement begins immediately in new cells with Teresa's fluffing materials identified and staged; new backside road constructed wrapping northern portion; entire backside mulch pile ground with Teresa using mulch on top deck keeping underlying dirt in place and reducing tracking (incremental improvement in phased approach); tipping pad north of pond constructed with complete rock, crush-and-run, matting, covering preventing dirt interaction during tipping with no mud running anticipated once trucks reach paved road; some backside hill dirt interaction from strong solid ground not contributing to tracking; loose cover material on top deck identified as primary source. Stoddard acknowledged phased approach: "Obviously it's a problem that won't be solved by one or two steps. It requires a process with adjustments over time happening in phases, with the goal of limiting it as much as possible. This is what we feel is the best approach for what we can do this year."

## **COMMUNITY SERVICE INITIATIVE**

David Hollinshead announced Republic Services' Thanksgiving turkey distribution program attributable to new area president's (January 2025 position change) more philanthropic orientation: Monday November 25th at 11:00 AM partnering with Mayor Harris in City of Loudon distributing 75-100 turkeys, then 1:00 PM at Lenoir City Housing Authority partnering with Mayor Aikens distributing 100 turkeys, aiming to enhance community presence and provide charitable support for families needing Thanksgiving assistance. Chairman Waller commended Republic Services for excellent community service contribution.

## **FINANCIAL MATTERS**

The commission approved payment of \$18,800 to Ms. Murphy for June through September 2025 legal services with invoice breakdown showing litigation and non-litigation categories distributed to commission for records (motion by Mr. Lawson, second by Dr. Bartell, unanimous approval). Chairman Waller noted all

engineering report items (tonnage, financials, summaries) were discussed throughout meeting during relevant agenda sections with no additional questions raised.

#### November 2025 Action Items

Item	Responsible Party	Target Date	Status
Enforce load covering requirements	Hollinshead/Teresa	November 21	Immediate
Contact sheriff re: litter enforcement	Chairman Waller	Before December	Pending
Provide corrected fee letters (Sept/Oct)	Hollinshead	December	Pending
Present 2023-24 and 2024-25 audits	Chairman Waller	December 18	Scheduled
Select FY 2025-26 auditor	Commission	December 18	Pending
Finalize TN National easement	Murphy/TN National	December 2	Scheduled
Waste Away detailed presentation	Todd Smith	January 2026	Optional
Second semi-annual groundwater sampling	Weaver Consultants	First week Dec	Scheduled
Provide well depth/groundwater data	Republic Services	December	Committed
Jurisdictional waters site visit	Cline/Pickerell/Bartell	Before Dec 18	Scheduled
File borrow pit rezoning application	Republic Services	ASAP	Authorized
Begin road paving project	Republic Services	December 6	Confirmed
Complete road paving	Republic Services	December 15	Target
Turkey distribution events	Republic Services	November 25	Scheduled
Obtain TDEC new cell certification	Republic Services	Ongoing	Under Review
Resolve east ditch AOC	Republic Services	December	Target
Resolve scale removal AOC	Republic Services	December	Target
Module C&D anchor trench verification	Republic Services	Ongoing	In Progress
Pond Two four-bay construction	Republic Services	During closure	Planned

#### Next Meeting

Date: December 18, 2025

**Time: 6:00 p.m.**

**Location: Loudon County Annex Building**

**Anticipated Discussion Items:**

- **Road paving completion report and effectiveness evaluation**
- **Jurisdictional waters site visit findings and permitting recommendations**
- **Second semi-annual groundwater monitoring results**
- **Well depth and groundwater level data presentation**
- **East ditch and scale removal AOC resolution status**
- **New cell TDEC certification update**
- **Borrow pit rezoning application status**
- **Module C&D closure progress**
- **Pond Two remediation status**
- **FY 2023-24 and FY 2024-25 audit approvals**
- **FY 2025-26 auditor selection**
- **Waste Away detailed presentation (if requested)**
- **Litter and mud enforcement effectiveness**

**Meeting adjourned at approximately 8:30 p.m. by motion from Mr. Hendrix, seconded by Mr. Lawson.  
Motion approved unanimously.**

***Minutes respectfully submitted by Monty Ross, LCSWDC Interim Secretary***

***Chairman: Adam Waller, Loudon County Solid Waste Disposal Committee***

**Note: Full video of LCSWDC meeting available at: Loudon County Solid Waste Disposal Commission Meeting, November 20, 2025 (youtube.com)**





Monthly Operations Report  
Matlock Bend Landfill  
December 18, 2025

Presented by:  
Republic Services, Inc.

- I. OPERATIONS
  - A. Tonnage Report
  - B. Customer Activity Report
  - C. Materials Classification Report
  - D. Waste Characterization Report
  - E. Tire Report
  - F. Landfill Comments
- II. Engineering Report
- III. Airspace Utilization Report
- IV. TDEC Inspection(s) – Nov 2025, Dec 2025
- V. Host and Security Fees Letter
- VI. Loudon Financial Information

Loudoun Landfill Monthly Tonnages  
Month Ending November 2025

Matlock Bend Landfill				2024	
Month		2024	2025	to 2025	
Jan	11,601	14,498	2,897		
Feb	14,407	14,212	(195)		
Mar	14,328	17,577	3,248		
Apr	15,194	17,012	1,818		
May	14,517	15,581	1,064		
Jun	14,735	15,462	727		
Jul	15,766	16,720	955		
Aug	16,204	16,475	271		
Sep	13,937	16,364	2,428		
Oct	16,577	18,213	1,636		
Nov	13,794	16,212	2,419		
Dec	15,052	0	0		
Total	176,112	178,326	17,267		
% of Total Tonnage		100%			

Daily Avg. for  
any Running 30 Day Period 545

Loudoun County				2024	
Month		2024	2025	to 2025	
Jan	529	477	(51)		
Feb	541	478	(64)		
Mar	574	603	29		
Apr	607	562	(44)		
May	596	621	24		
Jun	613	611	(2)		
Jul	615	620	5		
Aug	599	592	(7)		
Sep	486	519	34		
Oct	572	592	20		
Nov	516	522	5		
Dec	554	0	0		
Total	6,804	6,196	(53)		
% of Total Tonnage		3%			

Daily Avg. for  
any Running 22.5 Day Period 727

Lenoir City				2024	
Month		2024	2025	to 2025	
Jan	434	395	(39)		
Feb	478	408	(71)		
Mar	529	483	(46)		
Apr	524	517	(7)		
May	565	521	(44)		
Jun	455	478	23		
Jul	484	504	19		
Aug	485	450	(35)		
Sep	424	472	48		
Oct	494	465	(28)		
Nov	399	394	(5)		
Dec	403	0	0		
Total	5,675	5,086	(186)		
% of Total Tonnage		3%			

Loudoun, City of				2024	
Month		2024	2025	to 2025	
Jan	452	502	50		
Feb	467	433	(34)		
Mar	521	523	2		
Apr	572	579	7		
May	572	592	20		
Jun	538	544	6		
Jul	573	555	(19)		
Aug	557	522	(34)		
Sep	498	532	34		
Oct	526	519	(7)		
Nov	444	429	(15)		
Dec	517	0	0		
Total	6,237	5,731	10		
% of Total Tonnage		3%			

Republic Services, Inc.				2024	
Month		2024	2025	to 2025	
Jan	2,653	2,501	(152)		
Feb	3,063	2,499	(565)		
Mar	2,917	2,584	(334)		
Apr	3,197	2,695	(502)		
May	3,226	2,867	(359)		
Jun	2,812	2,848	36		
Jul	3,169	3,045	(123)		
Aug	3,259	3,011	(248)		
Sep	2,904	2,935	32		
Oct	3,056	3,027	(29)		
Nov	2,558	2,441	(117)		
Dec	2,539	0	0		
Total	35,353	30,454	(2,360)		
% of Total Tonnage		17%			

Waste Management				2024	
Month		2024	2025	to 2025	
Jan	1,385	1,401	16		
Feb	1,680	1,546	(134)		
Mar	1,679	1,604	(75)		
Apr	1,727	1,690	(37)		
May	1,629	1,580	(49)		
Jun	1,492	1,589	97		
Jul	1,504	1,575	71		
Aug	1,505	1,532	27		
Sep	1,400	1,458	58		
Oct	1,526	1,823	297		
Nov	1,311	1,391	80		
Dec	1,293	0	0		
Total	18,132	17,188	350		
% of Total Tonnage		10%			

Five Star Waste				2024	
Month		2024	2025	to 2025	
Jan	493	932	440		
Feb	547	1,155	608		
Mar	534	1,463	930		
Apr	677	1,566	888		
May	716	1,633	916		
Jun	1,097	1,680	583		
Jul	1,292	1,377	86		
Aug	1,219	1,847	628		
Sep	1,328	1,410	81		
Oct	1,680	1,133	(547)		
Nov	1,104	1,904	800		
Dec	1,380	0	0		
Total	12,067	16,100	5,413		
% of Total Tonnage		9%			

Ward Waste				2024	
Month		2024	2025	to 2025	
Jan	0	526	526		
Feb	0	506	506		
Mar	0	583	583		
Apr	0	641	641		
May	0	640	640		
Jun	0	632	632		
Jul	0	888	888		
Aug	0	787	787		
Sep	0	809	809		
Oct	0	779	779		
Nov	287	777	490		
Dec	605	0	0		
Total	892	7,570	7,282		
% of Total Tonnage		4%			

KCC ADC Material				2024	
Month		2024	2025	to 2025	
Jan	1,361	3,503	2,142		
Feb	1,925	3,012	1,087		
Mar	2,577	4,440	1,863		
Apr	2,561	3,643	1,082		
May	1,783	2,266	483		
Jun	3,095	2,471	(624)		
Jul	3,057	3,134	78		
Aug	3,498	3,130	(368)		
Sep	2,560	3,301	741		
Oct	3,630	4,366	736		
Nov	3,716	4,936	1,220		
Dec	3,808	0	0		
Total	33,571	38,203	8,439		
% of Total Tonnage		21%			

All Other Tons				2024	
Month		2024	2025	to 2025	
Jan	4,036	4,260	224		
Feb	6,039	4,176	(1,863)		
Mar	5,530	5,294	(236)		
Apr	6,005	5,118	(887)		
May	6,146	4,862	(1,284)		
Jun	5,730	4,609	(1,121)		
Jul	6,363	5,022	(1,341)		
Aug	6,301	4,603	(1,698)		
Sep	5,664	4,928	(736)		
Oct	6,773	5,508	(1,266)		
Nov	4,850	3,419	(1,431)		
Dec	5,939	0	0		
Total	69,376	51,799	(11,638)		
% of Total Tonnage		29%			

**Materials Classification Report**  
**Matlock Bend Landfill**  
**Monthly Tonnage Summary November 2025**

Material	Tonnage	2022 Sludge %		2023 Sludge %	
<b>MSW</b>		January	7%	January	6%
		February	6%	February	9%
MSW	<u>9,903</u>	March	6%	March	7%
		April	5%	April	7%
<b>Special Waste</b>		May	5%	May	4%
		June	2%	June	6%
Other	5,740	July	10%	July	4%
		August	4%	August	6%
Ash	0	September	7%	September	6%
		October	5%	October	5%
Sludge	<u>570</u>	November	5%	November	8%
		December	7%	December	7%
<b>Total Special Waste</b>	<u>6,309</u>				
<b>Total MSW &amp; SW</b>	<b>16,212</b>				
		January	4%	January	5%
Tires	0	February	7%	February	7%
		March	8%	March	7%
<b>Total Material</b>	<u>16,212</u>	April	7%	April	5%
		May	5%	May	6%
<b>% MSW</b>	<u>61%</u>	June	6%	June	5%
		July	4%	July	3%
<b>% Special Waste</b>	<u>39%</u>	August	6%	August	4%
		September	5%	September	4%
<b>% Sludge *</b>	<u>4%</u>	October	5%	October	5%
		November	6%	November	4%
		December	6%	December	0%

\* Sludge % is stand alone,  
 % Special Waste includes "Sludge"

## 2025 Loudon MSW and Special Waste Analysis

Material	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
MSW	7,862	8,286	9,661	10,153	10,376	10,558	10,972	10,776	10,373	10,833	9,903	0	<b>109,753</b>
Special Waste	6,635	5,926	7,916	6,859	5,204	4,904	5,749	5,699	5,992	7,381	6,309	0	<b>68,574</b>
Tires	0	0	0	0	1	0	0	0	0	0	0	0	<b>1</b>
Total	<u>14,497</u>	<u>14,212</u>	<u>17,577</u>	<u>17,012</u>	<u>15,581</u>	<u>15,462</u>	<u>16,721</u>	<u>16,475</u>	<u>16,365</u>	<u>18,214</u>	<u>16,212</u>	<u>0</u>	<b><u>178,328</u></b>
%													
MSW	54%	58%	55%	60%	67%	68%	66%	65%	63%	59%	61%	0%	<b>62%</b>
Special Waste	46%	42%	45%	40%	33%	32%	34%	35%	37%	41%	39%	0%	<b>38%</b>
Total	<u>100%</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>	<u>0%</u>	<b><u>100%</u></b>

**2025-2026 Matlock Bend Landfill Tire  
Report**

<b>Month</b>	<b>Tons (OB)</b>	<b>Each (IB)</b>
Jul-25	42.47	1,099
Aug-25	55.79	1,208
Sep-25	21.05	842
Oct-25	27.90	956
Nov-25	0.00	874
Dec-25	0.00	0
Jan-26	0.00	0
Feb-26	0.00	0
Mar-26	0.00	0
Apr-26	0.00	0
May-26	0.00	0
Jun-26	0.00	0
<b>Total</b>	<b>147.21</b>	<b>4,979</b>

Loudon Landfill Comments Log November 2025

Calendar Day	Day of Week	Time of Day	Complainant Name	Complainant Number	Complaint	Resolution	Res Time
1	SA			( ) -			
2	SU						
3	M						
4	T	10:48am	Adam Waller	865-591-4446	Trackout on highway	Cleaned up trackout	Immediately
5	W						
6	TH						
7	F						
8	SA						
9	SU						
10	M						
11	T						
12	W						
13	TH						
14	F						
15	SA						
16	SU						
17	M						
18	T						
19	W						
20	TH						
21	F						
22	SA						
23	SU						
24	M						
25	T						
26	W						
27	TH						
28	F						
29	SA						
30	SU						





Matlock Bend Landfill  
21712 TN-72, Loudon, TN 37774  
o 865.458.2651 republicservices.com

December 18, 2025

## Loudon County (Matlock Bend) Landfill Engineering December Update

- 1) Module 1 and Module 2 Construction
  - a. Construction complete.
    - i. Low finished review and stated on 12/5 certification should be expected the following week.
      1. Not received as of 12/12.
- 2) CA-1 Capping Event
  - a. Project began 10/20
    - i. Waste relocation slow moving until Ops is in new cell.
  - b. Toe Drain – Pipe, geotextile, and granite gravel order week of 11/20.
    - i. Granite onsite, pipe and Geotextile expected before 12/19.
  - c. East Perimeter Ditch
    - i. No discharge to SW pond (pond #2), leachate not entering ditch but still treating all liquids as leachate. Vac'd dry frequently.
- 3) Borrow Area
  - a. Assessment completed.
    - i. Preliminary results demonstrate rock and liquids exist beyond extent of test pit.
      1. Investigated area is assumed to be primarily soils with minimal rock encountered.
    - ii. Some refusal due to rock near northwest portion of property.
  - b. Status of rezone?
- 4) Paving Project
  - a. Catch basins and road grates onsite.
  - b. WBCI began initial road work on Friday 12/12.
    - i. Excavation to be completed over weekend.
    - ii. Beginning Monday 12/15 Roadsafe Traffic Systems will be flagging traffic onsite to assist in keeping traffic of TN-72.
      1. Some delays may be experienced holding outbounds lanes.
- 5) Groundwater Monitoring
  - a. 2025 2<sup>nd</sup> Semi-Annual sampled on 12/1.
    - i. Results not available at the time of update.
- 6) Pond #2
  - a. No discharge and active remediation / construction began.
  - b. Aerated for approx. 32 weeks.
    - i. October 2025 COD slightly elevated.
      1. TSS elevated due to sampling in the rain - turbidity.



Matlock Bend Landfill  
21712 TN-72, Loudon, TN 37774  
o 865.458.2651 republicservices.com

- ii. November 2025 NH4 slightly elevated
  - iii. December sample is not expected as construction for a full pond improvement underway.
    - 1. Dewatering and mucking began 12/4.
  - c. Will return to compliance upon completion of pond work.
    - i. Added forebay, erosion controls, and new discharge riser. Existing pond is to be dewatered, mucked, cleaned and seeded.
- 7) Stream and Wetland Jurisdictional Features
- a. Walked the borrow area and landfill property with Commissioner Bartell and Mr. Cline.
  - b. Primary influence is stormwater.
    - i. No observed hydrogeological influence.
  - c. Landfill ponds control majority of flow from outfalls.
    - i. Additional contributing factors appear to be laminar flow off slopes and from onsite borrow area.
  - d. No wetlands were observed.
  - e. Appears that current non-jurisdictional determinations are accurate.



CUT: 53,391 CY  
 FILL: 43,562 CY  
 NET: 9,829 <CUT>

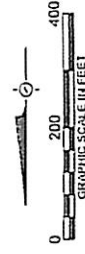
NOTES:  
 1. THIS VOLUME ISOPACH1 WAS DEVELOPED FROM THE FOLLOWING SURFACES  
 BOTTOM SURFACE  
 AERIAL TOPOGRAPHIC SURVEY BY FIRMATEK, LLC., DATED JULY 7, 2025.  
 TOP SURFACE  
 OPERATIONAL CONSTRUCTED GRADING PLAN DEVELOPED BY THIRTY AT THE DIRECTION AND APPROVAL OF REPUBLIC SERVICES, INC. CONTOURS REPRESENT TOP OF INTERMEDIATE COVER.

ELEVATIONS TABLE			
NUMBER	MINIMUM ELEVATION	MAXIMUM ELEVATION	COLOR
1	-20.00	-15.00	
2	-15.00	-10.00	
3	-10.00	-5.00	
4	-5.00	0.00	
5	0.00	5.00	
6	5.00	10.00	
7	10.00	15.00	



# CONSTRUCTED REMAINING CAPACITY

MATLOCK BEND LANDFILL  
 REPUBLIC SERVICES, INC.  
 LOUDON COUNTY, TENNESSEE



DATE: 07-17-2025



STATE OF TENNESSEE  
DEPARTMENT OF ENVIRONMENT AND  
CONSERVATION  
DIVISION OF SOLID WASTE MANAGEMENT  
DAVY CROCKETT TOWER, 7TH FLOOR  
500 JAMES ROBERTSON PARKWAY  
NASHVILLE, TN 37243

Initial Inspection

CHECK IF UNDER  
ENFORCEMENT  
ACTION

DATE  
11/17/2025

TIME  
13:00

WEATHER  
53F clear

CLASS I FACILITY INSPECTION CHECKLIST

Loudon County Landfill SNL530000203 21712 Highway 72 North Loudon

EFO  
KNOX

\*SEE DISCLAIMER ON LAST PAGE

VIOLATION		REGULATION	OBSERVATION			
			NVO	AOC	V1	V2
<b>RECORDS AND REPORTS</b>						
<b>CERTIFIED PERSONNEL NOT PRESENT DURING OPERATING HOURS</b>		0400-11-01-.04(2)(b)5.	<input checked="" type="checkbox"/>	NA	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>TRAINED PERSONNEL NOT PRESENT DURING OPERATING HOURS</b>		0400-11-01-.04(2)(b)5. 0400-11-01-.04(2)(b)4.	<input checked="" type="checkbox"/>	NA	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>PERMITS, PLANS, OPERATING MANUAL NOT AVAILABLE</b>		0400-11-01-.02(5)(a)(7).	<input checked="" type="checkbox"/>	NA	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>INADEQUATE RANDOM INSPECTION PROGRAM</b>		0400-11-01-.04(2)(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>NO OPERATING SCALES AND/OR FAILURE TO MAINTAIN WASTE RECORDS</b>		T.C.A. 68-211-862(a)(b)(1)(2)	<input checked="" type="checkbox"/>	NA	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>OPERATION DOES NOT CORRESPOND WITH ENGINEERING PLANS</b>		T.C.A. 68-211-104(3) T.C.A. 68-211-105(b)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>OPERATION DOES NOT CORRESPOND WITH PERMIT CONDITIONS</b>		T.C.A. 68-211-104(3) 0400-11-01-.02(5)(a)1.	<input checked="" type="checkbox"/>	NA	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						

\*SEE DISCLAIMER ON LAST PAGE

VIOLATION		REGULATION	OBSERVATION			
			NVO	AOC	V1	V2
<b>GENERAL FACILITY STANDARDS</b>						
ACCESS NOT LIMITED TO OPERATING HOURS		0400-11-01-.04(2)(a)4.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
INADEQUATE INFORMATION SIGNS		0400-11-01-.04(2)(b)2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
INADEQUATE ARTIFICIAL OR NATURAL BARRIER		0400-11-01-.04(2)(b)1.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
INADEQUATE EMPLOYEE FACILITIES		0400-11-01-.04(2)(e)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
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						
NO COMMUNICATION DEVICES		0400-11-01-.04(2)(f)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
INADEQUATE FIRE PROTECTION		0400-11-01-.04(2)(c)2.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
NO PERMANENT BENCHMARK		0400-11-01-.04(2)(o)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
BUFFER ZONE STANDARD VIOLATED		0400-11-01-.04(3)(a)	<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
<b>OVERALL PERFORMANCE STANDARDS</b>						
UNSATISFACTORY LITTER CONTROL		0400-11-01-.04(2)(d)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
INADEQUATE DUST CONTROL		0400-11-01-.04(2)(j)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
INADEQUATE VECTOR CONTROL		0400-11-01-.04(2)(a)1.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
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						
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						
<b>LEACHATE MANAGEMENT</b>						
LEACHATE OBSERVED AT THE SITE		0400-11-01-.04(2)(a)(3).	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NA NA <input type="checkbox"/>			
*LEACHATE ON EXTERNAL SLOPE *LEACHATE ENTERING RUN-OFF *LEACHATE ENTERING A WATER COURSE						
COMMENTS	AOC cited because of leachate weeping to flat ditch as some general concern but mitigation and pumper truck being used to collect and there is a berm in place in front of culvert so isolation looks to be accomplished. This area will get a french drain and pumps placed soon (~Dec 2025) and closure membrane after that at start of next construction in spring 2026. Other area in back just above the new cell (fully lined now CQA report being reviewed) had some liquids where an old scale had been removed last week. Operations was still underway to provide rock pathway downward. Photos sent showing all covered completed and looked acceptable before rains. This and the blocked/berm of the pond and culvert are general conditions of concern that the inspector reviews every visit.					
INADEQUATE MAINTENANCE OF LEACHATE MANAGEMENT SYSTEM (Inspector check and record (i) Sump Levels (ii) Interception surfaces and piping (iii) Tanks. "Sumps: <12" NVO, 12"<36" V1, >36" V2")		0400-11-01-.04(2)(a)(3). 0400-11-01-.04(4)(a)7.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS	Reading was 14 inches-no concerns.					
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	Tank placed back into service and no operating concerns noted/observed.					

\*SEE DISCLAIMER ON LAST PAGE

VIOLATION		REGULATION	OBSERVATION NVO AOC V1 V2			
<b>LEACHATE MANAGEMENT</b>						
INADEQUATE LEACHATE COLLECTION SYSTEM		0400-11-01-.04(4)(a)7.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>EROSION CONTROL</b>						
INADEQUATE EROSION CONTROL		0400-11-01-.04(2)(i)6. & 0400-11-01-.04(8)(c)4(ii)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
EXPOSED SOLID WASTE		0400-11-01-.04(2)(a)(3).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>GAS AND GROUNDWATER MIGRATION</b>						
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						
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						
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						
<b>COVER REQUIREMENTS</b>						
UNAVAILABILITY OF COVER MATERIAL		0400-11-01-.04(2)(h)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
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						



\*SEE DISCLAIMER ON LAST PAGE

VIOLATION		REGULATION	OBSERVATION			
			NVO	AOC	V1	V2
<b>COVER REQUIREMENTS</b>						
<b>UNSATISFACTORY INTERMEDIATE COVER</b>		0400-11-01-.04(6)(a)4. 0400-11-01-.04(6)(a)5.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>UNSATISFACTORY FINAL COVER</b>		0400-11-01-.04(6)(a)6. 0400-11-01-.04(8)(c)3(i)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS	The closed portions were reviewed and main drainage path at front slope was walked. Minor settling in one area could use filling. small scale. One pipe has been clipped by mower and restoration needed at the high crest. Let inspector know when site will work no erosion damage identified.					
<b>UNSATISFACTORY STABILIZATION OF COVER</b>		0400-11-01-.04(6)(a)5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>OPERATIONS AND WASTE HANDLING</b>						
<b>INADEQUATE OPERATING EQUIPMENT</b>		0400-11-01-.04(2)(g)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>UNAVAILABILITY OF BACKUP EQUIPMENT</b>		0400-11-01-.04(2)(g)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>WASTE NOT CONFINED TO A MANAGEABLE AREA</b>		0400-11-01-.04(6)(a)1.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>IMPROPER SPREADING OF WASTE</b>		0400-11-01-.04(6)(a)2.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>IMPROPER COMPACTING OF WASTE</b>		0400-11-01-.04(6)(a)2.	<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
<b>OPERATIONS AND WASTE HANDLING</b>						
<b>MISHANDLING OF SPECIAL WASTE</b>		0400-11-01-.01(4)(d)1.	<input checked="" type="checkbox"/>	NA	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>EVIDENCE OF OPEN BURNING</b>		0400-11-01-.04(2)(c)1.	<input checked="" type="checkbox"/>	NA	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>DUMPING OF WASTE INTO WATER</b>		0400-11-01-.04 (2)(a)3.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>WASTE RESTRICTIONS</b>						
<b>UNAUTHORIZED WASTE ACCEPTED</b>		0400-11-01-.04(2)(k)1.	<input checked="" type="checkbox"/>	NA	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>UNAPPROVED SPECIAL WASTE ACCEPTED</b>		0400-11-01-.01(4)(b) 0400-11-01-.01(4)(c)5	<input checked="" type="checkbox"/>	NA	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>DEAD ANIMALS IMPROPERLY HANDLED</b>		0400-11-01-.04(2)(k)5.(ii) (I-III)	<input checked="" type="checkbox"/>	NA	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>TIRES IMPROPERLY HANDLED</b>		0400-11-01-.04(2)(k)3.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>MEDICAL WASTE IMPROPERLY HANDLED</b>		0400-11-01-.04(2)(k)4.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						

LEACHATE LEVELS

*\*Disclaimer:*

*The information contained in the checklists is not intended to be all inclusive and is subject to change, and are intended solely for use by Division of Solid Waste Management. These checklists are not a substitute for evaluation of compliance in accordance with applicable laws and regulations, and are not intended for, nor can they be relied upon, to create any rights, substantive or procedural, enforceable or usable by any party in litigation with the State of Tennessee or its employees.*

**SAVE FORM**

Follow-Up Inspection Date

Inspector Name

**Paula Plont**

Digitally signed by Paula Plont  
Date: 2025.11.20 12:18:17 -05'00'



#### ADDITIONAL COMMENTS

Cell construction looked to be wrapping up with CQA report review underway. Pond behind office is still confined by earthen berm at exit culvert and aeration efforts continue. Provide sampling data and give priority as the season is moving to wet cycle.



STATE OF TENNESSEE  
DEPARTMENT OF ENVIRONMENT AND  
CONSERVATION  
DIVISION OF SOLID WASTE MANAGEMENT  
DAVY CROCKETT TOWER, 7TH FLOOR  
500 JAMES ROBERTSON PARKWAY  
NASHVILLE, TN 37243

Initial Inspection



CHECK IF UNDER  
ENFORCEMENT  
ACTION ☐

DATE  
12/9/2025

TIME  
13:15

WEATHER  
39 F overcast

**CLASS I FACILITY INSPECTION CHECKLIST**

Loudon County Landfill SNL530000203 21712 Highway 72 North Loudon

EFO  
KNOX

\*SEE DISCLAIMER ON LAST PAGE

**VIOLATION**

**REGULATION**

**OBSERVATION**  
NVO AOC V1 V2

**RECORDS AND REPORTS**

**CERTIFIED PERSONNEL NOT PRESENT  
DURING OPERATING HOURS**

0400-11-01-.04(2)(b)5.

☒ NA ☐ ☐

COMMENTS

**TRAINED PERSONNEL NOT PRESENT  
DURING OPERATING HOURS**

0400-11-01-.04(2)(b)5.  
0400-11-01-.04(2)(b)4.

☒ NA ☐ ☐

COMMENTS

**PERMITS, PLANS, OPERATING MANUAL  
NOT AVAILABLE**

0400-11-01-.02(5)(a)(7).

☒ NA ☐ ☐

COMMENTS

**INADEQUATE RANDOM  
INSPECTION PROGRAM**

0400-11-01-.04(2)(s)

☒ ☐ ☐ ☐

COMMENTS

check December records on site- good

**NO OPERATING SCALES AND/OR  
FAILURE TO MAINTAIN WASTE  
RECORDS**

T.C.A. 68-211-862(a)(b)(1)(2)

☒ NA ☐ ☐

COMMENTS

**OPERATION DOES NOT CORRESPOND  
WITH ENGINEERING PLANS**

T.C.A. 68-211-104(3)  
T.C.A. 68-211-105(b)

☒ ☐ ☐ ☐

COMMENTS

**OPERATION DOES NOT CORRESPOND  
WITH PERMIT CONDITIONS**

T.C.A. 68-211-104(3)  
0400-11-01-.02(5)(a)1.

☒ NA ☐ ☐

COMMENTS

*SEE DISCLAIMER ON LAST PAGE			
VIOLATION		REGULATION	OBSERVATION NVO AOC V1 V2
<b>GENERAL FACILITY STANDARDS</b>			
ACCESS NOT LIMITED TO OPERATING HOURS		0400-11-01-.04(2)(a)4.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
INADEQUATE INFORMATION SIGNS		0400-11-01-.04(2)(b)2	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
INADEQUATE ARTIFICIAL OR NATURAL BARRIER		0400-11-01-.04(2)(b)1.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
INADEQUATE EMPLOYEE FACILITIES		0400-11-01-.04(2)(e)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
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	Wheel wash being manned and clean during site visit time & street sweeper moving as inspector arrived and still maintaining Hwy 72 as inspector left. Fresh rock ready to be used at scale. Site paving project up to the wheel wash starting soon- this weekend.		
NO COMMUNICATION DEVICES		0400-11-01-.04(2)(f)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
INADEQUATE FIRE PROTECTION		0400-11-01-.04(2)(c)2.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
NO PERMANENT BENCHMARK		0400-11-01-.04(2)(o)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
BUFFER ZONE STANDARD VIOLATED		0400-11-01-.04(3)(a)	<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			
<b>OVERALL PERFORMANCE STANDARDS</b>						
UNSATISFACTORY LITTER CONTROL		0400-11-01-.04(2)(d)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
INADEQUATE DUST CONTROL		0400-11-01-.04(2)(j)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
INADEQUATE VECTOR CONTROL		0400-11-01-.04(2)(a)1.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
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						
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						
<b>LEACHATE MANAGEMENT</b>						
LEACHATE OBSERVED AT THE SITE		0400-11-01-.04(2)(a)(3).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
*LEACHATE ON EXTERNAL SLOPE			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
*LEACHATE ENTERING RUN-OFF			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
*LEACHATE ENTERING A WATER COURSE			<input checked="" type="checkbox"/>	NA	NA	<input type="checkbox"/>
COMMENTS	Inspector not citing AOC but ditch up at flat section did have leachate due to the culvert blocking and rains over the weekend and that the vacuum truck had been managing and was due back and continuous this day also. Photos provided and project begun to place toe pipe & new pumps with geomembrane provided via email to inspector. Also the pond behind the office was already being pumped as impacted and disposal to POTW underway. Mucking pond sediments in that pond as another project begun and inspector observed headway and less volume.					
INADEQUATE MAINTENANCE OF LEACHATE MANAGEMENT SYSTEM (Inspector check and record (i) Sump Levels (ii) Interception surfaces and piping (iii) Tanks. "Sumps: <12" NVO, 12"<36" V1, >36" V2")		0400-11-01-.04(2)(a)(3). 0400-11-01-.04(4)(a)7.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
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						



*SEE DISCLAIMER ON LAST PAGE			
VIOLATION		REGULATION	OBSERVATION NVO AOC V1 V2
<b>LEACHATE MANAGEMENT</b>			
INADEQUATE LEACHATE COLLECTION SYSTEM		0400-11-01-.04(4)(a)7.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
<b>EROSION CONTROL</b>			
INADEQUATE EROSION CONTROL		0400-11-01-.04(2)(i)6. & 0400-11-01-.04(8)(c)4(ii)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
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 checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
EXPOSED SOLID WASTE		0400-11-01-.04(2)(a)3.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
<b>GAS AND GROUNDWATER MIGRATION</b>			
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			
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			
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			
<b>COVER REQUIREMENTS</b>			
UNAVAILABILITY OF COVER MATERIAL		0400-11-01-.04(2)(h)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
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	additional waste covering needed on back slope. Dirt haul and piles observed ready to push up. Tarps can be used as daily cover at this site if weather or wet conditions and is equal to dirt for daily cover. Photos sent and acceptable enough with some dress up due. This item may of been an AOC if dirt piles weren't observed. Suggest tarps be ready if similar situation this wet season.		

*SEE DISCLAIMER ON LAST PAGE			
VIOLATION		REGULATION	OBSERVATION NVO AOC V1 V2
<b>COVER REQUIREMENTS</b>			
<b>UNSATISFACTORY INTERMEDIATE COVER</b>		0400-11-01-.04(6)(a)4. 0400-11-01-.04(6)(a)5.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS	another project underway is the excavation of area along road to maintenance building where waste overfill was determined and that waste was visible at working face and the holes had clay placed where already completed. Acceptable but noted to document in this form.		
<b>UNSATISFACTORY FINAL COVER</b>		0400-11-01-.04(6)(a)6. 0400-11-01-.04(8)(c)3(i)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
<b>UNSATISFACTORY STABILIZATION OF COVER</b>		0400-11-01-.04(6)(a)5	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
<b>OPERATIONS AND WASTE HANDLING</b>			
<b>INADEQUATE OPERATING EQUIPMENT</b>		0400-11-01-.04(2)(g)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
<b>UNAVAILABILITY OF BACKUP EQUIPMENT</b>		0400-11-01-.04(2)(g)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
<b>WASTE NOT CONFINED TO A MANAGEABLE AREA</b>		0400-11-01-.04(6)(a)1.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
<b>IMPROPER SPREADING OF WASTE</b>		0400-11-01-.04(6)(a)2.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
<b>IMPROPER COMPACTING OF WASTE</b>		0400-11-01-.04(6)(a)2.	<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			
<b>OPERATIONS AND WASTE HANDLING</b>						
MISHANDLING OF SPECIAL WASTE		0400-11-01-.01(4)(d)1.	<input checked="" type="checkbox"/>	NA	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
EVIDENCE OF OPEN BURNING		0400-11-01-.04(2)(c)1.	<input checked="" type="checkbox"/>	NA	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
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						
<b>WASTE RESTRICTIONS</b>						
UNAUTHORIZED WASTE ACCEPTED		0400-11-01-.04(2)(k)1.	<input checked="" type="checkbox"/>	NA	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
UNAPPROVED SPECIAL WASTE ACCEPTED		0400-11-01-.01(4)(b) 0400-11-01-.01(4)(c)5	<input checked="" type="checkbox"/>	NA	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
DEAD ANIMALS IMPROPERLY HANDLED		0400-11-01-.04(2)(k)5.(ii) (I-III)	<input checked="" type="checkbox"/>	NA	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
TIRES IMPROPERLY HANDLED		0400-11-01-.04(2)(k)3.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
MEDICAL WASTE IMPROPERLY HANDLED		0400-11-01-.04(2)(k)4.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						

LEACHATE LEVELS

*\*Disclaimer:*

*The information contained in the checklists is not intended to be all inclusive and is subject to change, and are intended solely for use by Division of Solid Waste Management. These checklists are not a substitute for evaluation of compliance in accordance with applicable laws and regulations, and are not intended for, nor can they be relied upon, to create any rights, substantive or procedural, enforceable or usable by any party in litigation with the State of Tennessee or its employees.*

**SAVE FORM**

Follow-Up Inspection Date

Inspector Name

**Paula Plont**

Digitally signed by Paula Plont  
Date: 2025.12.11 10:37:45 -05'00'



ADDITIONAL COMMENTS

I. Loudon County Host fee - greater of revenue or ton calculation 10-210510

	<u>Revenue Calculation</u>	<u>Tons</u>
All Tons		16,212.02
- Exclude Tires		-
Tons subject to \$1 host fees		16,212.02
All revenue	495,622.33	
- Exclude Taxes revenue	18,552.88	
Revenue subject to host fees	477,069.45	
Host fee calculation		
5.5% of Revenue	26,238.82	
Minutes Payment	100.00	
- Min	10,750.00	
Fee less min	15,588.82	

II. Loudon County Closure Fee 10-210520

	<u>Revenue Calculation</u>
Tons	
All revenue	495,622.33
- Exclude Taxes revenue	18,552.88
Revenue subject to closure fees	477,069.45
Closure fee calculation	
Revenue - 5% of Revenue	23,853.47

II. State of TN - Solid waste disposal fee 10-210520

	<u>All</u>
All Tons	16,212.02
- Tires	0.00
Tons subject to fee	16,212.02
Calculate fees - \$1.25 per ton	20,265.03

Check Total  
50,192.29

**Loudon County Department of Accounts and Budgets**  
**Solid Waste Disposal Fund 207**  
**Monthly Cash Report**  
**November 2025**

October 2025 Combined Ending Cash Balance per Monthly Report	6,789,010.67
Adjustments:	
Less October Trustee Commission	(453.90)
	0.00
Total Adjustments	(453.90)
Adjusted October 2025 Combined Ending Balance per Loudon Co Trustee	6,788,556.77

**Solid Waste Disposal Commission Operating Fund**

<b>Operating Fund Ending Balance October 2025</b>	<b>6,759,193.06</b>
Cash Receipts:	
Trustee's Collections - Prior Year	0
Surcharge - Host Fees	30,390.93
Surcharge - security Fees	27,537.21
Investment Income	17,946.10
Total Monthly Revenue	75,874.24
Cash Disbursements:	
Board & Committee Members Fees	
Social Security	
Medicare	
Audit Services	
Contracts with Private Agencies	
Legal Notices	
Other Contracted Services	
Building & Content Insurance	
In-Service/Staff Development	
Trustee's Commission - Proration = % of balance	
Total Cash Disbursements	0.00
Reconciling Item	0.00
<b><u>Operating Fund Ending Balance November 2025</u></b>	<b><u>6,835,067.30</u></b>

**Poplar Springs Subfund**

<b>Poplar Springs Subfund Balance October 2025</b>	<b>29,363.71</b>
Cash Receipts:	
Investment Income	
Total Monthly Revenue	0.00
Cash Disbursements:	
Trustee's Commission - Proration = % of balance	
Total Cash Disbursements	0.00
<b><u>Poplar Springs Subfund Balance November 2025</u></b>	<b><u>29,363.71</u></b>

<b><u>TOTAL COMBINED OPERATING AND POPLAR SPRINGS NOVEMBER 2025 BALANCE</u></b>	<b><u>6,864,431.01</u></b>
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<b>Combined Summary - November 2025</b>	
Beginning Balance	6,788,556.77
Plus Operating Revenue	75,874.24
Less Operating and Poplar Springs Disbursements	0.00
<b>TOTAL COMBINED BALANCE - NOVEMBER 2025</b>	<b>6,864,431.01</b>

NOTE: Accounting Dept did not have Trustee's Nov report at the time of preparation.