

**Monthly Operations Report  
Matlock Bend Landfill  
March 8, 2022**

**Presented by:  
Republic Services, Inc.**

**I. OPERATIONS**

- A. Tonnage Report
- B. Customer Report
- C. Inspection
- D. Materials Classification Report
- E. Waste Characterization Report
- F. Tire Report

**II. AIRSPACE UTILIZATION SCHEDULE**

**III. HOST & SECURITY FEES**

**LANDFILL TONNAGE VOLUME  
MONTH ENDING - February  
2022**

MATLOCK BEND LANDFILL

MONTH	2021	2022	2021 TO 2022
JANUARY	8,840	12,023	3,183
FEBRUARY	8,969	12,084	3,114
MARCH	11,682	0	
APRIL	11,278	0	
MAY	11,373	0	
JUNE	11,548	0	
JULY	11,145	0	
AUGUST	11,178	0	
SEPTEMBER	12,100	0	
OCTOBER	11,496	0	
NOVEMBER	12,023	0	
DECEMBER	12,023	0	
TOTAL	133,657	24,107	6,297
% of TOTAL VOLUME		100%	

LOUDON COUNTY

MONTH	2021	2022	2021 TO 2022
JANUARY	523	546	24
FEBRUARY	471	447	(23)
MARCH	559	0	0
APRIL	522	0	0
MAY	592	0	0
JUNE	553	0	0
JULY	592	0	0
AUGUST	544	0	0
SEPTEMBER	503	0	0
OCTOBER	530	0	0
NOVEMBER	507	0	0
DECEMBER	547	0	0
TOTAL	6,443	994	0
% of TOTAL VOLUME		4%	

LENOIR CITY

MONTH	2021	2022	2021 TO 2022
JANUARY	453	498	45
FEBRUARY	359	458	99
MARCH	479	0	0
APRIL	468	0	0
MAY	421	0	0
JUNE	497	0	0
JULY	500	0	0
AUGUST	554	0	0
SEPTEMBER	581	0	0
OCTOBER	516	0	0
NOVEMBER	515	0	0
DECEMBER	498	0	0
TOTAL	5,842	956	144
% of TOTAL VOLUME		4%	

DAILY AVG FOR ANY  
RUNNING 30 DAY PERIOD 400.77

DAILY AVG FOR 22.5  
DAY PERIOD 534.36

CITY OF LOUDON

MONTH	2021	2022	2021 TO 2022
JANUARY	409	462	53
FEBRUARY	386	451	65
MARCH	528	0	0
APRIL	510	0	0
MAY	476	0	0
JUNE	503	0	0
JULY	523	0	0
AUGUST	511	0	0
SEPTEMBER	498	0	0
OCTOBER	508	0	0
NOVEMBER	490	0	0
DECEMBER	462	0	0
TOTAL	5,804	913	118
% of TOTAL VOLUME		4%	

REPUBLIC SERVICES, INC.

MONTH	2021	2022	2021 TO 2022
JANUARY	2,902	2,906	4
FEBRUARY	2,737	1,775	(962)
MARCH	3,536	0	0
APRIL	3,552	0	0
MAY	3,471	0	0
JUNE	3,595	0	0
JULY	3,609	0	0
AUGUST	3,416	0	0
SEPTEMBER	3,325	0	0
OCTOBER	2,964	0	0
NOVEMBER	2,953	0	0
DECEMBER	2,906	0	0
TOTAL	38,966	4,681	(958)
% of TOTAL VOLUME		19%	

WASTE MANAGEMENT KNOXVILLE

MONTH	2021	2022	2021 TO 2022
JANUARY	2,050	2,564	513
FEBRUARY	2,004	2,617	613
MARCH	2,367	0	0
APRIL	2,119	0	0
MAY	2,486	0	0
JUNE	2,840	0	0
JULY	2,228	0	0
AUGUST	2,649	0	0
SEPTEMBER	2,707	0	0
OCTOBER	2,562	0	0
NOVEMBER	2,715	0	0
DECEMBER	2,564	0	0
TOTAL	29,292	5,180	1,126
% of TOTAL VOLUME		21%	

**LANDFILL TONNAGE VOLUME**  
**MONTH ENDING - February**  
**2022**

All Others

MONTH	2021	2022	2021 TO 2022
JANUARY	2,503	5,047	2,544
FEBRUARY	3,013	6,336	3,324
MARCH	4,213	0	0
APRIL	4,108	0	0
MAY	3,926	0	0
JUNE	3,559	0	0
JULY	3,693	0	0
AUGUST	3,505	0	0
SEPTEMBER	4,486	0	0
OCTOBER	4,416	0	0
NOVEMBER	4,842	0	0
DECEMBER	5,047	0	0
TOTAL	47,311	11,383	5,867
% of TOTAL VOLUME		47%	

**Materials Classification Report**  
**Matlock Bend Landfill**  
**Monthly Tonnage Summary January 2022**

Material	Tonnage	2019 Sludge %		2020 Sludge %	
<b>MSW</b>		January	5%	January	5%
		February	5%	February	4%
		March	4%	March	4%
		April	4%	April	4%
		May	3%	May	4%
		June	6%	June	5%
		July	5%	July	5%
		August	4%	August	6%
		September	4%	September	5%
		October	3%	October	3%
		November	4%	November	5%
		December	7%	December	7%
<b>Special Waste</b>					
Other	1,269				
Ash	0				
Sludge	715				
<b>Total Special Waste</b>	<b>1,984</b>				
<b>Total MSW &amp; SW</b>	<b>12,040</b>				
Tires	44				
<b>Total Material</b>	<b>12,084</b>				
<b>% MSW</b>	<b>84%</b>				
<b>% Special Waste</b>	<b>16%</b>				
<b>% Sludge *</b>	<b>6%</b>				

  

		2021 Sludge %		2022 Sludge %	
		January	3%	January	6%
		February	5%	February	
		March	5%	March	
		April	6%	April	
		May	6%	May	
		June	5%	June	
		July	7%	July	
		August	4%	August	
		September	6%	September	
		October	5%	October	
		November	3%	November	
		December	7%	December	

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



**2021-2022 Matlock Bend  
Landfill Tire Report**

<b>Month</b>	<b>Tonnage</b>
Jul-21	32.44
Aug-21	33.33
Sep-21	33.35
Oct-21	13.22
Nov-21	13.40
Dec-21	41.76
Jan-22	44.88
Feb-22	43.86
Mar-22	
Apr-22	
May-22	
Jun-22	
<b>Total (tons)</b>	<b>256.24</b>

**Matlock Bend Landfill  
2022 Airspace Projection / Construction Schedule**

DATE	SURVEYOR	DURATION (DAYS)	TONNAGE (DEplete TONS)	ACTUAL / PROJECTED <sup>1</sup>	PERIOD DENSITY (LBS/CY) <sup>2</sup>	VOLUME CONSUMED (CY) <sup>3</sup>	PERMITTED REMAINING AIRSPACE (CY) <sup>4</sup>
25-May-2020	Southern Resources		-	-	-	-	975,684
2-Apr-2021	Southern Resources	312	112,343	A	1,310	171,519	826,035
8-Nov-2021	Firmatek	220	83,430	A	1,469	113,617	736,497
19-Jan-2022	Firmatek	72	27,835	A	1,684	33,054	728,208
1-Apr-2022	Firmatek	72	30,490	P	1,569	38,865	689,343
1-Jul-2022	Firmatek	91	38,536	P	1,569	49,122	640,221
1-Oct-2022	Firmatek	92	38,959	P	1,569	49,661	590,559
1-Jan-2023	-	92	38,959	P	1,569	49,661	540,898
1-Jan-2024	-	365	154,567	P	1,569	197,026	343,872
1-Jan-2025	-	366	154,991	P	1,569	197,566	146,306

Budgeted Tons/Calendar Day	<b>423</b>	Budgeted Density (LBS/CY)	<b>1569</b>	Full Date <sup>5</sup>	<b>September-2025</b>
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<sup>1</sup> = Projected tonnages is based on previous quarter tonnage rate. Density is historic composite density used in Republic models.

<sup>2</sup> = Operational Density calculated from volume consumed within active area only and does not include settlement across entire site.

<sup>3</sup> = Actual Volume Consumed data only accounts for active/operational area and does not count settlement. Projected volume consumed uses budgeted long-term density and accounts for anticipated settlement across the entire site

<sup>4</sup> = Permitted remaining airspace accounts for remaining fill volume (includes Module J construction).

<sup>5</sup> = Full Date of the landfill is calculated based on estimated future values and will vary due to tonnage or compaction increases/decreases.



March 3, 2022

Loudon County Solid Waste Disposal Commission  
100 River Road  
PO Box 351  
Loudon, TN 37774

Dear Benjamin

Pursuant to Section 10.6 and 10.7 of the Sanitary Landfill Operation Agreement between Loudon and Santek as of July 1, 2007, Santek agreed to pay the Commission a host fee and security fee as defined in the agreement. The following recap reflects the calculation for the period of January 2022:

Host Fees (Greater of below)	
Total Tip Fees Billed	\$340,375.70
Host Fee Percentage	3.96%
	<u>\$ 13,478.88</u>
Minimum Fee	\$ 10,572.50
Security Fees (Greater of below)	
Total Tonnage Received	12,039.66
Rate per Ton	<u>\$1.00</u>
	\$ 12,039.66
Total Tip Fees Billed	\$340,375.70
Security Fee Percentage	<u>5.00%</u>
	\$17,018.79

Our checks in payment of the above fees have been remitted to the above address for the Commission. Should you have any questions or need additional information, please let me know.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Hollinshead".

David L. Hollinshead  
Manager Municipal Sales  
Republic Services

# Sales Journal

Date Range: February 01, 2022 To February 28, 2022

## SUMMARY

Invoices Reported: 346 TO 29537

	Sales	Corrections	Net
Disposal Charges	\$322,575.01	\$0.00	\$322,575.01
Miscellaneous Charges	\$17,800.69	\$0.00	\$17,800.69
Tax Charges	\$14,347.81	\$0.00	\$14,347.81
<b>Total Billing</b>	<b>\$354,723.51</b>	<b>\$0.00</b>	<b>\$354,723.51</b>

### Disposal

	Sales	Corrections	Net
ANIMAL	\$370.40	\$0.00	\$370.40
C&D	\$84,889.57	\$0.00	\$84,889.57
C&D-SHINGLES	\$291.07	\$0.00	\$291.07
FEE-DIG/SCRAPE OUT	\$50.75	\$0.00	\$50.75
FEE-TARP	\$60.00	\$0.00	\$60.00
MATTRESS\BOX SPRING	\$620.00	\$0.00	\$620.00
MSW	\$174,030.12	\$0.00	\$174,030.12
SW - REQUEST SW APPROVAL	\$177.47	\$0.00	\$177.47
SW SEPTIC	\$426.87	\$0.00	\$426.87
SW-OFF SPEC MATERIAL	\$42,395.61	\$0.00	\$42,395.61
SW-SLUDGE	\$14,285.18	\$0.00	\$14,285.18
TIRE	\$2,958.75	\$0.00	\$2,958.75
YARD WASTE/COMPOST	\$2,019.22	\$0.00	\$2,019.22
Disposal Total:	\$322,575.01		\$322,575.01

### Miscellaneous

	Sales	Corrections	Net
ADMINISTRATION FEE	\$26.25	\$0.00	\$26.25
ENVIRONMENTAL FEE 1	\$180.00	\$0.00	\$180.00
ENVIRONMENTAL FEE 4	\$8,900.00	\$0.00	\$8,900.00
FUEL RECOVERY FEE	\$2,206.24	\$0.00	\$2,206.24
LATE FEE	\$2,859.67	\$0.00	\$2,859.67
REGULATORY FEE	\$3,628.53	\$0.00	\$3,628.53
Miscellaneous Total:	\$17,800.69		\$17,800.69

### Taxes

	Sales	Corrections	Net
TN INCSPECTION FEE	\$4,016.38	\$0.00	\$4,016.38
TN SURCHARGE	\$10,331.43	\$0.00	\$10,331.43
Taxes Total:	\$14,347.81		\$14,347.81

# Sales Journal

Date Range: February 01, 2022 To February 28, 2022

## SUMMARY BY CUSTOMER TYPE

### 3rd Party

	Sales	Corrections	Net
Disposal Charges	\$263,213.82	\$0.00	\$263,213.82
Miscellaneous Charges	\$17,800.69	\$0.00	\$17,800.69
Tax Charges	\$10,808.90	\$0.00	\$10,808.90
	291,823.41	0.00	291,823.41
	<b>\$291,823.41</b>	<b>\$0.00</b>	<b>\$291,823.41</b>

### Intercompany

	Sales	Corrections	Net
Disposal Charges	\$59,361.19	\$0.00	\$59,361.19
Miscellaneous Charges	\$0.00	\$0.00	\$0.00
Tax Charges	\$3,538.91	\$0.00	\$3,538.91
	62,900.10	0.00	62,900.10
	<b>\$62,900.10</b>	<b>\$0.00</b>	<b>\$62,900.10</b>

### Taxable Sales

	Sales	Tax Charged
TN INSPECTION FEE	\$11,732.94	\$4,016.38
TN SURCHARGE	\$11,737.38	\$10,331.43
		<b>\$14,347.81</b>

Initial Inspection

TENNESSEE DIVISION OF SOLID WASTE MANAGEMENT  
CLASS I FACILITY INSPECTION DOCUMENT

**CLASS I  
FACILITY**

SITE	DATE 1/5/2022	TIME 09:45	WEATHER 44 F partly cloudy
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Loudon County Landfill SNL530000203 21712 Highway 72 North Loudon	EFO KNOX
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\*SEE DISCLAIMER ON LAST PAGE

VIOLATION	REGULATION	OBSERVATION NVO AOC V1 V2
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**BUFFER ZONE STANDARDS FOR SITING LANDFILLS**

<b>8310</b>	<b>BUFFER ZONE STANDARD VIOLATED</b>	0400-11-01-.04(3)(a) ?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
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COMMENTS	
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**COLLECTED LEACHATE**

<b>8330</b>	<b>LEACHATE IMPROPERLY MANAGED</b>	0400-11-01-.04(4)(a)8(i-iii) ?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
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COMMENTS	
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<b>8340</b>	<b>INADEQUATE LEACHATE COLLECTION SYSTEM</b>	0400-11-01-.04(4)(a)7 ?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
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COMMENTS	
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**COMMUNICATIONS**

<b>8130</b>	<b>NO COMMUNICATION DEVICES</b>	0400-11-01-.04(2)(f) ?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
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COMMENTS	
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**COVER MATERIAL**

<b>8160</b>	<b>UNAVAILABILITY OF COVER MATERIAL.</b>	0400-11-01-.04(2)(h) ?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
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COMMENTS	
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**DEAD ANIMALS**

<b>8250</b>	<b>DEAD ANIMALS IMPROPERLY HANDLED</b>	0400-11-01-.04(2)(k)5.(ii) (I-III) ?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
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COMMENTS	
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**DUST CONTROL**

<b>8190</b>	<b>INADEQUATE DUST CONTROL</b>	0400-11-01-.04(2)(j) ?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
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COMMENTS	
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**DUTY TO PROVIDE INFORMATION**

\*SEE DISCLAIMER ON LAST PAGE

VIOLATION		REGULATION	OBSERVATION			
			NVO	AOC	V1	V2
<b>DUTY TO PROVIDE INFORMATION</b>						
<b>8530</b>	<b>UNSATISFACTORY RECORDS OR REPORTS</b>	SEE CITATION LIST LAST PAGE	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS	All records and reports readily available and complete.					
<b>8590</b>	<b>PERMITS, PLANS, OPERATING MANUAL NOT AVAILABLE</b>	0400-11-01-.02(5)(a)(7)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS	All readily available.					
<b>FIRE SAFETY</b>						
<b>8080</b>	<b>EVIDENCE OF OPEN BURNING</b>	0400-11-01-.04(2)(c)1	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>8090</b>	<b>INADEQUATE FIRE PROTECTION</b>	0400-11-01-.04(2)(c)2	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>GAS MIGRATION CONTROL STANDARDS</b>						
<b>8380</b>	<b>INADEQUATE GAS MIGRATION CONTROL SYSTEM</b>	0400-11-01-.04(5)(a)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>8390</b>	<b>INADEQUATE MAINTENANCE OF GAS MIGRATION CONTROL SYSTEM</b>	0400-11-01-.04(5)(a)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>GENERAL FACILITY STANDARDS</b>						
<b>8010</b>	<b>INADEQUATE VECTOR CONTROL</b>	0400-11-01-.04(2)(a)1	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>8020</b>	<b>ACCESS NOT LIMITED TO OPERATING HOURS</b>	0400-11-01-.04(2)(a)4	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>8030</b>	<b>INADEQUATE ARTIFICIAL OR NATURAL BARRIER</b>	0400-11-01-.04(2)(b)1	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						

\*SEE DISCLAIMER ON LAST PAGE

VIOLATION		REGULATION	OBSERVATION			
			NVO	AOC	V1	V2
<b>GENERAL FACILITY STANDARDS</b>						
<b>8040</b>	<b>INADEQUATE INFORMATION SIGNS</b>	0400-11-01-.04(2)(b)2 TCA 68-211-703(h)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS	Signs provide all necessary information. Text is easy to see and read.					
<b>8050</b>	<b>UNSATISFACTORY ACCESS ROAD(S)/PARKING AREA(S)</b>	0400-11-01-.04(2)(b)3	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>8060</b>	<b>CERTIFIED PERSONNEL NOT PRESENT DURING OPERATING HOURS</b>	0400-11-01-.04(2)(b)5	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS	See comments, p. 8					
<b>8070</b>	<b>UNAPPROVED SALVAGING OF WASTE</b>	0400-11-01-.04(2)(b)6	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>LITTER CONTROL</b>						
<b>8110</b>	<b>UNSATISFACTORY LITTER CONTROL</b>	0400-11-01-.04(2)(d)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS	Due to recent windy weather, there was more litter than usual downwind of the working face. A litter fence is up, but as we discussed, high winds can carry litter over the fences. A litter crew was doing litter pickup while I was on site. Litter will likely require ongoing attention all winter.					
<b>OPERATING EQUIPMENT</b>						
<b>8140</b>	<b>INADEQUATE OPERATING EQUIPMENT</b>	0400-11-01-.04(2)(g)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>8150</b>	<b>UNAVAILABILITY OF BACKUP EQUIPMENT</b>	0400-11-01-.04(2)(g)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>OVERALL PERFORMANCE STANDARD</b>						
<b>8270</b>	<b>EXPOSED SOLID WASTE</b>	0400-11-01-.04(2)(a)(3)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>8320</b>	<b>INADEQUATE MAINTENANCE OF LEACHATE MANAGEMENT SYSTEM (INSPECTOR TO CHECK AND RECORD LEACHATE LEVELS AT EVERY LANDFILL SUMP)</b>	0400-11-01-.04(2)(a)(3) 0400-11-01-.04(4)(a)7		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS	(see leachate comments section, p. 7)					

\*SEE DISCLAIMER ON LAST PAGE

VIOLATION		REGULATION	OBSERVATION			
			NVO	AOC	V1	V2
<b>OVERALL PERFORMANCE STANDARD</b>						
<b>8350</b>	<b>LEACHATE OBSERVED AT THE SITE</b>	0400-11-01-.04(2)(a)(3) 0400-11-01-.04(4)(a)6,	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS	When I arrived, I was informed of a leachate seep that had been discovered by landfill staff that morning. The seep had already been repaired by the time I arrived for my inspection. See photos.					
<b>8360</b>	<b>LEACHATE ENTERING RUN-OFF</b>	0400-11-01-.04(2)(a)(3) 0400-11-01-.04(4)(a)6	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>8370</b>	<b>LEACHATE ENTERING A WATER COURSE</b>	0400-11-01-.04(2)(a)(3) 0400-11-01-.04(4)(a)6	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>8420</b>	<b>POTENTIAL FOR EXPLOSIONS OR UNCONTROLLED FIRES</b>	0400-11-01-.04(2)(a)2 0400-11-01-.04(5)(a)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>8490</b>	<b>EXCESSIVE POOLING OF WATER</b>	(CLOSURE/POST)0400-11-01-.04(2)(a)3 0400-11-01-.04(8)(c)4(iii) (ACTIVE) 0400-11-01-04(9)(b)1(ix)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>8520</b>	<b>DUMPING OF WASTE INTO WATER</b>	0400-11-01-.04 (2)(a)3	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>PERMANENT BENCHMARK</b>						
<b>8280</b>	<b>NO PERMANENT BENCHMARK</b>	0400-11-01-.04(2)(o)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>PERSONNEL SERVICES</b>						
<b>8120</b>	<b>INADEQUATE EMPLOYEE FACILITIES</b>	0400-11-01-.04(2)(e)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>PROPER OPERATION AND MAINTENANCE</b>						
<b>8540</b>	<b>GROUNDWATER MONITORING SYSTEM IMPROPERLY MAINTAINED</b>	0400-11-01-.02(5)(a)4	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						

\*SEE DISCLAIMER ON LAST PAGE

VIOLATION		REGULATION	OBSERVATION	
			NVO	AOC V1 V2
<b>RANDOM INSPECTION PROGRAM</b>				
<b>8290</b>	<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>RECORDS OF ORIGIN AND AMOUNT OF SOLID WASTE</b>				
<b>8610</b>	<b>NO OPERATING SCALES AND/OR FAILURE TO MAINTAIN WASTE RECORDS</b>	TCA 68-211-862(a)(b)(1)(2)	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
<b>RUN-ON, RUN-OFF, AND EROSION CONTROL</b>				
<b>8170</b>	<b>INADEQUATE MAINTENANCE OF RUN-ON/ RUN-OFF SYSTEM(S)</b>	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				
<b>8180</b>	<b>INADEQUATE EROSION CONTROL</b>	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				
<b>SPECIAL WASTE APPROVAL PROCESS</b>				
<b>8300</b>	<b>MISHANDLING OF SPECIAL WASTE</b>	0400-11-01-.01(4)(d)1	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
<b>UNLAWFUL METHODS OF DISPOSAL</b>				
<b>8570</b>	<b>OPERATION DOES NOT CORRESPOND WITH ENGINEERING PLANS (EVALUATE AND RECORD THE APPROXIMATE INTERIOR AND EXTERIOR SLOPE OF THE LANDFILL)</b>	TCA68-211-104(3) TCA 68-211-105(b)	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
<b>8580</b>	<b>OPERATION DOES NOT CORRESPOND WITH PERMIT CONDITIONS</b>	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				
<b>WASTE HANDLING AND COVER STANDARDS</b>				
<b>8430</b>	<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				

\*SEE DISCLAIMER ON LAST PAGE

VIOLATION		REGULATION	OBSERVATION			
			NVO	AOC	V1	V2
<b>WASTE HANDLING AND COVER STANDARDS</b>						
<b>8440</b>	<b>IMPROPER SPREADING OF WASTE</b>	0400-11-01-.04(6)(a)2	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>8450</b>	<b>IMPROPER COMPACTING OF WASTE</b>	0400-11-01-.04(6)(a)2	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>8460</b>	<b>UNSATISFACTORY INITIAL COVER</b>	0400-11-01-.04(6)(a)3 0400-11-01-.04(6)(a)5	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>8470</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"/>
COMMENTS						
<b>8480</b>	<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"/>
COMMENTS						
<b>8510</b>	<b>UNSATISFACTORY STABILIZATION OF COVER</b>	0400-11-01-.04(6)(a)5,6	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS	Grass is starting to come up in patches from the seeding that was done in the fall. See photos.					
<b>WASTE RESTRICTIONS</b>						
<b>8210</b>	<b>UNAUTHORIZED WASTE ACCEPTED</b>	0400-11-01-.04(2)(k)1 0400-11-01-.04(2)(k)6	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>8220</b>	<b>UNAPPROVED SPECIAL WASTE ACCEPTED</b>	0400-11-01-.01(4)(b) 0400-11-01-.01(4)(c)5	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						

\*SEE DISCLAIMER ON LAST PAGE

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

LEACHATE LEVELS

24.0" at the sump. Pump cut on just after I took this reading. I also looked at the flow meter records in the office.  
2' of leachate in the large blue storage tank.

*\*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

Inspector Name

**Sarah Drummond**

Digitally signed by Sarah Drummond  
Date: 2022.01.06 09:35:56 -05'00'

## ADDITIONAL COMMENTS

Item 8060, p.3: As discussed during the SUIT training inspection, please ensure that in 2022 a sufficient number of staff members have up-to-date certifications so that there is always at least one certified operator on site at all times. The TDEC Solid Waste Management training page (<https://www.tn.gov/environment/program-areas/solid-waste/solid-waste-management/sw-landfill-operators-certification-training-program.html>) provides information about training opportunities and links to online modules that may be used for recertification in lieu of an in-person class.

I was informed of a leachate seep when I arrived. It had been identified by staff earlier that morning, and had already been corrected before my inspection. The location was pointed out to me during the inspection (see photos).

Grass that was seeded in the fall is beginning to grow in patches on some of the slopes (see photos). We discussed that the slopes may need re-seeding in the spring to get complete coverage.

The working face was manageable in size. The working face was busy, but traffic was flowing well and in a safe manner. A truck driver waved us down to commend the landfill for the short wait at the scales and at the working face. Due to windy weather, there was a fair amount of litter downwind of the working face. Litter fences are up, but are not capable of catching all of the litter. A litter crew was working during my inspection. The litter that blew away from the working face did not blow far, and no litter is leaving the site. There were a lot of migratory birds around the working face, but they did not appear to be negatively impacting operations.

The leachate level at the sump was at 24.0 inches when I checked it. The pump turned on less than a minute later (automatic shut-on at 24.1") and the level dropped quickly while I was standing there. Flow meter readings and leachate totals are recorded daily, along with precipitation information. I checked those records in the office when reviewing other paperwork.

After rain and snow since my last inspection, the pond has water in it again. Improvements to the pond inlets are still in progress. The pipes are being replaced with rock (see photos).

The random inspections, special waste tickets, and daily totals logs were in order. All the daily totals for 2021 were in a clearly labeled binder in an easily accessible location. I also reviewed stormwater inspections and methane monitoring records. Field technicians from CEC were on site performing the annual stormwater inspection during my inspection. Jeff explained to me which of the environmental monitoring tasks are done in-house vs. contracted out since the change in management.

All of the historical paperwork that was previously stored in the Santek corporate office has been moved to the landfill. It is currently in filing cabinets in the office building, but I was informed that the landfill will be acquiring a storage building to house the files.

Despite the rain and snow a few days before, the roads were dry, solid, and in good condition. The wheel wash was open and in use. The street sweeper was operating while I was on site, and Route 72 looked clean and free of litter, mud, or other track-out.

No violations observed today.

## Unsatisfactory records or reports

Citation Reference: 0400-11-01-.02(5)(a)7

**CITATION**

Citation Reference: TCA 68-211-862(a)

**CITATION**

Citation Reference: 0400-11-01-.04(7)(a)4(vii)

**CITATION**

Citation Reference: 0400-11-01-.04(2)(k)3(i)(II)VI

**CITATION**

Citation Reference: 0400-11-01-.04(2)(s)

**CITATION**

Citation Reference: 0400-11-01-.01(4)(d)2

**CITATION**

Citation Reference: 0400-11-01-.02(3)(a)4

**CITATION**

Citation Reference: 0400-11-01-.02(5)(a)9

**CLOSE**

Citation Reference: 0400-11-01-.08(3)

**CITATION**

### 2021 Origin Report for the Republic Managed Loudon County Landfill

Origin	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	YTD Total
Anderson County	73	62	65	48	248
Blount County	114	102	102	90	408
Knox County	281	302	325	299	1,207
Loudon County	24,721	28,046	28,983	30,435	112,185
McMinn County	85	124	101	186	496
Monroe County	1,590	1,633	1,945	1,363	6,531
Roane County	2,629	2,884	2,903	3,119	11,534
Rhea County	0	0	0	2	2
Total	29,492	33,152	34,424	35,542	132,611

**Loudon County Department of Accounts and Budgets**  
**Solid Waste Disposal Fund 207**  
**Monthly Cash Report**  
**February 2022**

January 2022 Combined Ending Cash Balance per Monthly Report		4,631,215.63
Adjustments:		
Less Trustee Commission for January	0.00	
	0.00	
Total Adjustments		0.00
<b>Adjusted January 2022 Combined Ending Balance per Loudon Co Trustee</b>		<b>4,631,215.63</b>

**Solid Waste Disposal Commission Operating Fund**

<b>Operating Fund Ending Balance January 2022</b>		<b>4,573,541.13</b>
Cash Receipts:		
Trustee's Collections - Prior Year	0	
Surcharge - Host Fees (Jan & Feb 2022)	27,387.77	
Surcharge - Security Fees (Jan & Feb 2022)	34,580.48	
Investment Income - Proration based on % of balance	1,297.47	
Total Monthly Revenue		63,265.72
Cash Disbursements:		
Board & Committee Members Fees	(300.00)	
Social Security	(3.10)	
Employer Medicare	(0.72)	
Audit Services (Mitchell Emert & Hill)		
Contracts with Private Agencies (Santek)		
Engineering Services (Santek)		
Contributions (Loudon Utilities - Quarterly)		
Legal Services (Kennerly)	0.00	
Legal Notices	0.00	
Other Contracted Services (Mowing)		
Building & Content Insurance		
In-Service/Staff Development		
Trustee's Comm - Proration = % of balance	0.00	
Total Cash Disbursements		(303.82)
Expenditure Credit:		
Trustee Commission Adjustment		0.00
<b><u>Operating Fund Ending Balance February 2022</u></b>		<b>4,636,503.03</b>

**Poplar Springs Subfund**

<b>Poplar Springs Subfund Balance January 2022</b>		<b>57,674.50</b>
Cash Receipts:		
Investment Income - Proration based on % of balance	16.36	
Total Monthly Revenue		16.36
Cash Disbursements:		
Trustee's Comm - Proration = % of balance	0.00	
Total Cash Disbursements		0.00