

Revised AGENDA
LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION
November 9th, 2021
6:00 p.m.
LOUDON CITY MUNICIPAL BUILDING
Loudon, Tennessee

1. Opening of Meeting, Pledge of Allegiance, Invocation
2. Approval of Minutes – August 10th, 2021 & September 14th, 2021
3. Approval of November Agenda
4. Items of Public Concern-A 10-minute guideline is requested for items of public concern.
5. Attorney's Report: Update on second amendment negotiations
6. Cash Activity Report
7. Operations Report (customer activity report will be available upon request)
8. Chairman's Report:
 1. Invoices
 2. Meeting recordings by TV3
10. Old Business:
 - Pat Hunter-1. Top Cash Customers
 2. Status of Dr. Bachus invoices for services
 3. Question update from executive sessions from Attorney Stevens
 4. Signed Copy of By Law Change
11. New Business: Tarp Fee @ Landfill – Adam

Adjourn

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Adjourn

Loudon County Department of Accounts Budgets
Solid Waste Disposal Fund 207
Monthly Cash Report
October 2021

September 2021 Combined Ending Cash Balance per Monthly Report	4,553,783.64
Adjustments:	
Less September 2021 Trustee Commission	0.00
	0.00
Total Adjustments	0.00
Adjusted September 2021 Combined Ending Balance	4,553,783.64

Solid Waste Disposal Commission Operating Fund

Operating Fund Ending Balance September 2021	4,496,181.09
Cash Receipts:	
Trustee's Collections - Prior Year	0
Surcharge - Host Fees (Sep 2021)	12,347.39
Surcharge - Security Fees (Sep 2021)	15,590.14
Investment Income - Proration based on % of balance	2,519.63
Total Monthly Revenue	30,457.16
Cash Disbursements:	
Board & Committee Members Fees	0.00
Social Security	
Medicare	
Audit Services (Mitchell Emert & Hill)	
Contracts with Private Agencies (Santek)	
Engineering Services (Santek)	
Contributions (Loudon Utilities - Quarterly)	
Legal Services (September 2020)	
Legal Notices	
Other Contracted Services	0.00
Building & Content Insurance	0.00
In-Service/Staff Development	0.00
Office Equipment (PY Enc)	(1,299.99)
Trustee's Comm (Jul & Aug) - Proration - % of balance	(234.15)
Total Cash Disbursements	(1,534.14)
Expenditure Credit:	
Trustee Commission Adjustment	0.00
<u>Operating Fund Ending Balance October 2021</u>	4,525,104.11

Poplar Springs Subfund

Poplar Springs Subfund Balance September 2021	57,602.55
Cash Receipts:	
Investment Income - Proration based on % of balance	32.28
Total Monthly Revenue	32.28
Cash Disbursements:	
Trustee's Comm (Jul & Aug) - Proration - % of balance	(3.00)
Poplar Springs Contractor	0.00
Total Cash Disbursements	(3.00)
<u>Poplar Springs Subfund Balance October 2021</u>	57,631.83

TOTAL COMBINED OPERATING AND POPLAR SPRINGS OCTOBER 2021 BALANCE **4,582,735.94**

Combined Summary - October 2021	
Beginning Balance	4,553,783.64
Plus Operating Revenue	30,489.44
Less Operating and Poplar Springs Disbursements	(1,537.14)
TOTAL COMBINED BALANCE - OCTOBER 2021	4,582,735.94

NOTE: Accounting Dept did not have Trustee's October report at time of preparation. Corrections will be reflected on the November report.



650 25th Street, N.W., Suite 100
Cleveland, Tennessee 37311
(423) 303-7101

Email: info@santekwasteservices.com
Internet: santekwasteservices.com

**Monthly Operations Report
Matlock Bend Landfill
November 9, 2021**

**Presented by:
Santek Environmental, 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**

- IV. TDEC APR WASTE REDUCTION & DIVERSION GOAL LETTER**

LANDFILL TONNAGE VOLUME
MONTH ENDING -
October 2021

MATLOCK BEND LANDFILL

MONTH	2020	2021	2020 TO 2021
JANUARY	15,673.95	8,840.41	(6,833.54)
FEBRUARY	14,263.17	8,969.07	(5,294.10)
MARCH	16,251.35	11,681.92	(4,569.43)
APRIL	9,791.81	11,278.36	1,486.55
MAY	10,315.74	11,373.25	1,057.51
JUNE	10,928.67	11,547.60	618.93
JULY	10,444.52	11,145.42	700.90
AUGUST	9,920.07	11,178.47	1,258.40
SEPTEMBER	9,975.37	12,100.20	2,124.83
OCTOBER	10,542.61	11,495.99	953.38
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	118,107.26	109,610.69	(8,496.57)
% of TOTAL VOLUME		100%	

**DAILY AVG FOR ANY
 RUNNING 30 DAY PERIOD** **383.20**

CITY OF LOUDON

MONTH	2020	2021	2020 TO 2021
JANUARY	457.31	409.09	(48.22)
FEBRUARY	391.61	385.74	(5.87)
MARCH	486.81	527.85	41.04
APRIL	492.81	510.31	17.50
MAY	488.38	476.11	(12.27)
JUNE	494.58	503.39	8.81
JULY	498.94	522.94	24.00
AUGUST	512.68	510.57	(2.11)
SEPTEMBER	465.23	498.25	33.02
OCTOBER	494.66	507.92	13.26
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	4,783.01	4,852.17	69.16
% of TOTAL VOLUME		4.4%	

LOUDON COUNTY

MONTH	2020	2021	2020 TO 2021
JANUARY	514.88	522.80	7.92
FEBRUARY	455.37	470.64	15.27
MARCH	598.09	559.14	(38.95)
APRIL	635.96	522.20	(113.76)
MAY	586.33	591.94	5.61
JUNE	595.84	552.78	(43.06)
JULY	578.33	591.98	13.65
AUGUST	598.49	544.07	(54.42)
SEPTEMBER	540.36	503.41	(36.95)
OCTOBER	545.82	530.10	(15.72)
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	5,649.47	5,389.06	(260.41)
% of TOTAL VOLUME		4.9%	

**DAILY AVG FOR 22.5
 DAY PERIOD** **510.93**

WASTE SERVICES OF TN

MONTH	2020	2021	2020 TO 2021
JANUARY	3,339.43	2,902.11	(437.32)
FEBRUARY	2,998.43	2,736.69	(261.74)
MARCH	3,467.07	3,535.60	68.53
APRIL	3,382.68	3,551.64	168.96
MAY	3,550.36	3,471.38	(78.98)
JUNE	3,527.18	3,595.06	67.88
JULY	3,667.57	3,608.65	(58.92)
AUGUST	3,096.54	3,415.63	319.09
SEPTEMBER	3,110.64	3,325.03	214.39
OCTOBER	3,231.06	2,964.00	(267.06)
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	33,370.96	33,105.79	(265.17)
% of TOTAL VOLUME		30.2%	

LENOIR CITY

MONTH	2020	2021	2020 TO 2021
JANUARY	375.20	452.91	77.71
FEBRUARY	339.26	359.23	19.97
MARCH	472.11	479.10	6.99
APRIL	564.05	467.77	(96.28)
MAY	452.37	421.37	(31.00)
JUNE	471.63	496.86	25.23
JULY	513.08	500.08	(13.00)
AUGUST	427.70	554.03	126.33
SEPTEMBER	478.03	581.15	103.12
OCTOBER	526.37	516.06	(10.31)
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	4,619.80	4,828.56	208.76
% of TOTAL VOLUME		4.4%	

WASTE MANAGEMENT KNOXVILLE

MONTH	2020	2021	2020 TO 2021
TN Trash 2020 Jan-May			
JANUARY	1,045.82	2,050.17	1,004.35
FEBRUARY	1,608.55	2,003.86	395.31
MARCH	2,424.09	2,367.36	(56.73)
APRIL	1,675.72	2,118.86	443.14
MAY	2,373.62	2,486.21	112.59
JUNE	2,549.31	2,840.18	290.87
JULY	2,527.15	2,228.29	(298.86)
AUGUST	2,529.43	2,648.98	119.55
SEPTEMBER	2,433.84	2,706.70	272.86
OCTOBER	2,657.66	2,562.01	(95.65)
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	21,825.19	24,012.62	2,187.43
% of TOTAL VOLUME		21.9%	

LANDFILL TONNAGE VOLUME
MONTH ENDING -
October 2021

All Others

MONTH	2020	2021	2020 TO 2021
JANUARY	9,941.31	2,503.33	(7,437.98)
FEBRUARY	8,469.95	3,012.91	(5,457.04)
MARCH	8,803.18	4,212.87	(4,590.31)
APRIL	3,040.59	4,107.58	1,066.99
MAY	2,864.68	3,926.24	1,061.56
JUNE	3,290.13	3,559.33	269.20
JULY	2,695.79	3,693.48	997.69
AUGUST	2,755.23	3,505.19	749.96
SEPTEMBER	2,947.27	4,485.66	1,538.39
OCTOBER	3,087.04	4,415.90	1,328.86
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	47,895.17	37,422.49	(10,472.68)
% of TOTAL VOLUME		34.1%	

Initial Inspection

TENNESSEE DIVISION OF SOLID WASTE MANAGEMENT
CLASS I FACILITY INSPECTION DOCUMENT

**CLASS I
FACILITY**

SITE	DATE	TIME	WEATHER
Loudon County Landfill SNL530000203 21712 Highway 72 North Loudon	11/4/2021	11:15	48 F overcast
			EFO KNOX

*SEE DISCLAIMER ON LAST PAGE

VIOLATION	REGULATION	OBSERVATION
		NVO AOC V1 V2

BUFFER ZONE STANDARDS FOR SITING LANDFILLS

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

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

8130	NO COMMUNICATION DEVICES	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

8160	UNAVAILABILITY OF COVER MATERIAL.	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

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

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

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

VIOLATION		REGULATION	OBSERVATION			
			NVO	AOC	V1	V2
GENERAL FACILITY STANDARDS						
8040	INADEQUATE INFORMATION SIGNS	0400-11-01-.04(2)(b)2 TCA 68-211-703(h)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8050	UNSATISFACTORY ACCESS ROAD(S)/PARKING AREA(S)	0400-11-01-.04(2)(b)3	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8060	CERTIFIED PERSONNEL NOT PRESENT DURING OPERATING HOURS	0400-11-01-.04(2)(b)5	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8070	UNAPPROVED SALVAGING OF WASTE	0400-11-01-.04(2)(b)6	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
LITTER CONTROL						
8110	UNSATISFACTORY LITTER CONTROL	0400-11-01-.04(2)(d)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
OPERATING EQUIPMENT						
8140	INADEQUATE OPERATING EQUIPMENT	0400-11-01-.04(2)(g)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8150	UNAVAILABILITY OF BACKUP EQUIPMENT	0400-11-01-.04(2)(g)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
OVERALL PERFORMANCE STANDARD						
8270	EXPOSED SOLID WASTE	0400-11-01-.04(2)(a)(3)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8320	INADEQUATE MAINTENANCE OF LEACHATE MANAGEMENT SYSTEM (INSPECTOR TO CHECK AND RECORD LEACHATE LEVELS AT EVERY LANDFILL SUMP)	0400-11-01-.04(2)(a)(3) 0400-11-01-.04(4)(a)7		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						

VIOLATION		REGULATION	OBSERVATION
			NVO AOC V1 V2
OVERALL PERFORMANCE STANDARD			
8350	LEACHATE OBSERVED AT THE SITE	0400-11-01-.04(2)(a)(3) 0400-11-01-.04(4)(a)6,	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS	Small leachate seep observed in October has been repaired (see photos).		
8360	LEACHATE ENTERING RUN-OFF	0400-11-01-.04(2)(a)(3) 0400-11-01-.04(4)(a)6	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
8370	LEACHATE ENTERING A WATER COURSE	0400-11-01-.04(2)(a)(3) 0400-11-01-.04(4)(a)6	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
8420	POTENTIAL FOR EXPLOSIONS OR UNCONTROLLED FIRES	0400-11-01-.04(2)(a)2 0400-11-01-.04(5)(a)	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
8490	EXCESSIVE POOLING OF WATER	(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"/> <input type="checkbox"/>
COMMENTS			
8520	DUMPING OF WASTE INTO WATER	0400-11-01-.04 (2)(a)3	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
PERMANENT BENCHMARK			
8280	NO PERMANENT BENCHMARK	0400-11-01-.04(2)(o)	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
PERSONNEL SERVICES			
8120	INADEQUATE EMPLOYEE FACILITIES	0400-11-01-.04(2)(e)	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
PROPER OPERATION AND MAINTENANCE			
8540	GROUNDWATER MONITORING SYSTEM IMPROPERLY MAINTAINED	0400-11-01-.02(5)(a)4	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			

VIOLATION		REGULATION	OBSERVATION NVO AOC V1 V2
RANDOM INSPECTION PROGRAM			
8290	INADEQUATE RANDOM INSPECTION PROGRAM	0400-11-01-.04(2)(s)	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS	Scale house staff reported that last month there was a week of higher tonnage and more daily loads, so they increased random inspections accordingly.		
RECORDS OF ORIGIN AND AMOUNT OF SOLID WASTE			
8610	NO OPERATING SCALES AND/OR FAILURE TO MAINTAIN WASTE RECORDS	TCA 68-211-862(a)(b)(1)(2)	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
RUN-ON, RUN-OFF, AND EROSION CONTROL			
8170	INADEQUATE MAINTENANCE OF RUN-ON/ RUN-OFF SYSTEM(S)	0400-11-01-.04(2)(i)1-5 0400-11-01-.04(8)(c)4(i)	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS	Pond has been cleaned out (see photos). Other upgrades to pond, such as rock ring around inlet pipe, are still in progress, but sediment removal is complete. Sediment removed was placed at far end of borrow area.		
8180	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			
SPECIAL WASTE APPROVAL PROCESS			
8300	MISHANDLING OF SPECIAL WASTE	0400-11-01-.01(4)(d)1	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
UNLAWFUL METHODS OF DISPOSAL			
8570	OPERATION DOES NOT CORRESPOND WITH ENGINEERING PLANS (EVALUATE AND RECORD THE APPROXIMATE INTERIOR AND EXTERIOR SLOPE OF THE LANDFILL)	TCA 68-211-104(3) TCA 68-211-105(b)	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
8580	OPERATION DOES NOT CORRESPOND WITH PERMIT CONDITIONS	TCA 68-211-104(3) 0400-11-01-.02(5)(a)(1)	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
WASTE HANDLING AND COVER STANDARDS			
8430	WASTE NOT CONFINED TO A MANAGEABLE AREA	0400-11-01-.04(6)(a)1	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			

VIOLATION		REGULATION	OBSERVATION
			NVO AOC V1 V2
WASTE HANDLING AND COVER STANDARDS			
8440	IMPROPER SPREADING OF WASTE	0400-11-01-.04(6)(a)2	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
8450	IMPROPER COMPACTING OF WASTE	0400-11-01-.04(6)(a)2	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
8460	UNSATISFACTORY INITIAL COVER	0400-11-01-.04(6)(a)3 0400-11-01-.04(6)(a)5	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
8470	UNSATISFACTORY INTERMEDIATE COVER	0400-11-01-.04(6)(a)4 0400-11-01-.04(6)(a)5	? <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS	Flagging in some spots, hopefully litter fence put up along working face will help reduce flagging.		
8480	UNSATISFACTORY FINAL COVER	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			
8510	UNSATISFACTORY STABILIZATION OF COVER	0400-11-01-.04(6)(a)5,6	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
WASTE RESTRICTIONS			
8210	UNAUTHORIZED WASTE ACCEPTED	0400-11-01-.04(2)(k)1 0400-11-01-.04(2)(k)6	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
8220	UNAPPROVED SPECIAL WASTE ACCEPTED	0400-11-01-.01(4)(b) 0400-11-01-.01(4)(c)5	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			

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

LEACHATE LEVELS

23.6" at sump. Flow meter records for gravity leachate system are maintained in the scale house (see photos).

**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: 2021.11.04 15:25:40 -04'00'

ADDITIONAL COMMENTS

Small leachate seep observed during last inspection has been fixed (see photos).

The pond clean-out has been completed. I was provided with photos via email prior to today's inspection, and confirmed what I saw in the photos on the ground today. The sediment removed from the pond has been placed at the far end of the borrow area to keep it out of the pond. There was very little water in the pond today as it has been pretty dry since the work was completed. Upgrades to the pond are still in progress, such as the rock ring around one of the inlet pipes, but the bulk of the work has been completed.

The back corner slope continues to look greener as cooler weather grass is beginning to grow in. The material for hydroseeding has been delivered and was stacked in the parking area when I arrived. The area of the north-facing slope that is without grass will be hydroseeded this month.

The working face was a manageable size, and the current set-up is interesting. Trucks are dumping into a pit, and the bulldozer is pushing waste up from the pit to a flat rectangle perpendicular to the pit, where the compactor is running over it. The spreading and compaction look good based on how high the compactor was sitting and how easily it was navigating the waste. Staff informed me that the pit set-up is good for windy and wet weather. Tipping lanes were well-marked and clear of obstructions. There is space for three trucks to dump.

All paperwork since my October inspection was readily available and complete.

It was raining lightly while I was on site, and the sweeper was in the street on Highway 72 when I arrived. The wheel wash was also open. The ground was not wet or sticky enough for trucks to be tracking mud into the street while I was there, and I did not observe any mud leaving the facility or in the driveway.

I observed some flagging on the intermediate slopes below the working face. Some areas were better than others due to having been covered more recently or due to placement of litter fence at the working face.

No violations observed today.

Materials Classification Report
Matlock Bend Landfill
Monthly Tonnage Summary October 2021

Material	Tonnage	2018 Sludge %		2019 Sludge %	
MSW		January	4%	January	5%
		February	4%	February	5%
		March	5%	March	4%
		April	6%	April	4%
		May	8%	May	3%
		June	9%	June	6%
		July	6%	July	5%
		August	4%	August	4%
		September	2%	September	4%
		October	2%	October	3%
		November	5%	November	4%
		December	5%	December	7%
Special Waste					
		2020 Sludge %		2021 Sludge %	
		January	5%	January	5%
		February	4%	February	5%
		March	4%	March	5%
		April	4%	April	6%
		May	4%	May	6%
		June	5%	June	5%
		July	5%	July	7%
		August	6%	August	4%
		September	5%	September	6%
		October	3%	October	5%
		November	5%	November	
		December	7%	December	
MSW	<u>9,564</u>				
Other	1,368				
Ash	0				
Sludge	<u>541</u>				
Total Special Waste	<u>1,909</u>				
Total MSW & SW	11,473				
Tires	23				
Total Material	<u>11,496</u>				
% MSW	<u>83%</u>				
% Special Waste	<u>17%</u>				
% Sludge *	<u>5%</u>				

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

2021 Loudon MSW and Special Waste Analysis

Material	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
MSW	7,073	7,276	9,502	9,384	8,316	9,633	9,377	9,472	10,118	9,564	0	0	89,715
Special Waste	1,767	1,693	2,180	1,894	1,697	1,915	1,773	1,682	1,924	1,909	0	0	18,434
Tires	30	22	39	59	36	49	28	25	58	23	0	0	369
Total	8,870	8,991	11,721	11,337	10,049	11,597	11,178	11,178	12,100	11,496	0	0	108,517
%													
MSW	80%	81%	81%	83%	83%	83%	84%	85%	84%	83%			83%
Special Waste	20%	19%	19%	17%	17%	17%	16%	15%	16%	17%			17%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			100%

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

Month	Tonnage
Jul-21	32.44
Aug-21	33.33
Sep-21	33.35
Oct-21	13.22
Nov-21	
Dec-21	
Jan-22	
Feb-22	
Mar-22	
Apr-22	
May-22	
Jun-22	
Total (tons)	112.34

Matlock Bend Landfill - Module E 2021 Airspace Projection / Construction Schedule

DATE	REMAINING AIRSPACE ¹ (CY)	MONTHLY TONNAGE	ACTUAL / PROJECTED ²	UTILIZATION FACTOR	MONTHLY VOLUME CONSUMED (CY)	ENDING MONTHLY REMAINING AIRSPACE (CY)
		11,398		1.37		
May 25, 2020	628,843	-	-	-	-	-
May 26-31, 2020	-	1,915	A	1.37	2,624	626,219
June	-	10,982	A	1.37	15,045	611,174
July	-	10,481	A	1.37	14,359	596,815
August	-	9,959	A	1.37	13,644	583,171
September	-	10,031	A	1.37	13,742	569,429
October	-	10,560	A	1.37	14,467	554,962
November	-	10,081	A	1.37	13,811	541,151
December	-	10,023	A	1.37	13,732	527,419
January '21	-	8,870	A	1.37	12,152	515,267
February	-	8,991	A	1.37	12,318	502,950
March	-	11,721	A	1.37	16,058	486,892
April	-	11,337	A	1.37	15,532	471,360
May	-	11,373	A	1.37	15,581	455,779
June	-	11,548	A	1.37	15,820	439,959
July	-	10,947	A	1.37	14,997	424,962
August	-	11,037	A	1.37	15,121	409,841
September	-	11,863	A	1.37	16,253	393,588
October	-	11,294	A	1.37	15,473	378,115
November	-	11,398	P	1.37	15,615	362,500
December	-	11,398	P	1.37	15,615	346,885
January '22	-	11,398	P	1.37	15,615	331,269

¹ = Remaining airspace based on May 25, 2020 aerial survey.

Full Date

November-2023

² = Projected tonnages are based on a 3 month average.

³ = Utilization rate based on the annual utilization rate per October 27, 2008 construction meeting (Avg. Utilization = 1.37 cy/ton)

Tonnage for Past 3 Months

August	11,037
September	11,863
October	11,294
Average	11,398



November 1, 2021

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

Dear Kelly

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 October 1, 2021 to October 31, 2021:

Host Fees (Greater of below)	
Total Tip Fees Billed	\$322,571.42
Host Fee Percentage	<u>3.96%</u>
	\$ 12,773.82
Minimum Fee	\$ 10,572.50
Security Fees (Greater of below)	
Total Tonnage Received	\$ 11,472.97
Rate per Ton	<u>1.00</u>
	\$ 11,472.97
Total Tip Fees Billed	\$322,571.42
Security Fee Percentage	<u>5.00%</u>
	\$ 16,128.57

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 blue ink that reads "Clara Vinson".

Clara Vinson
Business Unit Finance Manager

750 E. Jefferson Pike
Murfreesboro, TN 37130
615.896.2075 • Fax 480.718.4316
www.republicservices.com

10/20/2021

Mr. Steve Field, Chair
Loudon County Municipal Solid Waste Region
100 River Road, Box #109
Loudon, TN 37774

Subject: State Waste Reduction and Diversion Goal – Loudon County Municipal Solid Waste Planning Region

Dear Mr. Field:

TDEC is pleased to inform you that the Loudon County Municipal Solid Waste Region achieved the 25% waste reduction and diversion goal as presented in Tennessee Code Annotated §68-211-861 and Tennessee Solid Waste Processing and Disposal Rule 0400-11-01-.09.

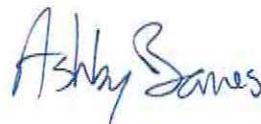
Using the base year methodology, the region achieved a -28% increase since the base year, but using the qualitative assessment methodology the region achieved a 33% waste diversion rate.

If you should have any questions, please contact us at (615) 532-0075 or by email at Trey.White@tn.gov or Ashby.Barnes@tn.gov.

Sincerely,



Trey White
Manager, Materials Management Technical



Ashby Barnes
Recovered Materials Scientist

CC: The Honorable Buddy Bradshaw, Loudon County Mayor
Chris Parks, Loudon County Convenience Center Director
John LeCroy, Regional Director for External Affairs
Ben Johnston, Report Author
Central Office Files

Matlock Bend Top 3 Cash Customers - September 2021

Date	Waste Authority	Rocky Top Rolloffs	Ward Waste
9/1/2021	4.67	-	13.34
9/2/2021	6.56	-	18.37
9/3/2021	9.15	-	9.34
9/4/2021	6.14	-	-
9/6/2021	5.89	-	11.98
9/7/2021	13.50	-	18.18
9/8/2021	8.22	9.05	17.68
9/9/2021	5.53	10.98	17.89
9/10/2021	9.91	9.33	12.35
9/11/2021	7.74	29.70	18.63
9/13/2021	10.51	25.05	-
9/14/2021	8.93	19.78	17.25
9/15/2021	6.05	10.17	13.63
9/16/2021	4.14	18.55	4.84
9/17/2021	5.22	8.31	-
9/18/2021	15.39	-	-
9/20/2021	11.52	12.31	-
9/21/2021	10.57	9.65	4.00
9/22/2021	6.07	6.46	4.45
9/23/2021	8.46	12.22	-
9/24/2021	9.43	14.00	4.48
9/25/2021	4.21	-	-
9/27/2021	4.94	10.15	24.19
9/28/2021	14.56	7.58	18.67
9/29/2021	5.02	27.71	9.41
9/30/2021	9.05	9.89	14.62
Total Tons	211.38	250.89	253.30

Cash Accounts: