

**AGENDA**  
**LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION**  
**January 14, 2020**  
**6:30 p.m.**  
**LOUDON COUNTY BUILDING**  
**Loudon, Tennessee**

1. Opening of Meeting, Pledge of Allegiance, Invocation
2. Approval of Minutes – December 10, 2019
3. Items of Public Concern
4. Poplar Springs Discussion
5. Cash Activity Report
6. Operations Report
7. Contract Modification Update
8. Attorney's Report
9. Chairman's Report
10. Other Items of Commission's Consideration
11. Adjourn

**Loudon County Department of Accounts and Budgets**  
**Solid Waste Disposal Fund 207**  
**Monthly Cash Report**  
**December 2019**

November 2019 Combined Ending Cash Balance per Monthly Report		3,968,073.27
Adjustments:		
Less November Trustee Commission	(201.43)	
	0.00	
Total Adjustments		(201.43)
Adjusted November 2019 Combined Ending Balance per Loudon Co Trustee		3,967,871.84

**Solid Waste Disposal Commission Operating Fund**

Operating Fund Ending Balance November 2019		3,910,175.71
Cash Receipts:		
Trustee's Collections - Prior Year	0	
Surcharge - Host Fees (Nov 2019)	10,560.00	
Surcharge - Security Fees (Nov 2019)	10,942.84	
Investment Income	8,500.06	
Total Monthly Revenue		30,002.90
Cash Disbursements:		
Board & Committee Members Fees	(300.00)	
Social Security		
Employer Medicare		
Audit Services (Mitchell Emert & Hill)		
Contracts with Private Agencies (Santek)		
Engineering Services (Santek)		
Contributions (Loudon Utilities - Quarterly)		
Legal Services	(2,500.00)	
Legal Notices		
Other Contracted Services (Mowing)		
Building & Content Insurance		
Trustee's Commission		
Total Cash Disbursements		(2,800.00)
Expenditure Credit:		
Trustee Commission Adjustment		0.00
<b><u>Operating Fund Ending Balance December 2019</u></b>		<b><u>3,937,378.61</u></b>

**Poplar Springs Subfund**

Poplar Springs Subfund Balance November 2019		57,696.13
Cash Receipts:		
Total Monthly Revenue	0.00	0.00
Cash Disbursements:		
Poplar Springs Legal Services	0.00	
Total Cash Disbursements	0.00	0.00
<b><u>Poplar Springs Subfund Balance December 2019</u></b>		<b><u>57,696.13</u></b>

**TOTAL COMBINED OPERATING AND POPLAR SPRINGS DECEMBER 2019 BALANCE** **3,995,074.74**

<b>Combined Summary - December 2019</b>		
Beginning Balance		3,967,871.84
Plus Operating Revenue		30,002.90
Less Operating and Poplar Springs Disbursements		(2,800.00)
<b>TOTAL COMBINED BALANCE - DECEMBER 2019</b>		<b>3,995,074.74</b>

**NOTE: Accounting Dept did not have Trustee's December report at time of preparation.  
This report will be updated upon receipt of it.**



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(423) 303-7101

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Internet: [santekwasteservices.com](http://santekwasteservices.com)

**Monthly Operations Report**  
**Matlock Bend Landfill**  
**January 14, 2020**

**Presented by:**  
**Santek Environmental, Inc.**

**I. OPERATIONS**

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

**II. AIRSPACE UTILIZATION SCHEDULE**

**III. HOST & SECURITY FEES**

**IV. TDEC WHEEL WASH APPROVAL LETTER**

**LANDFILL TONNAGE VOLUME  
MONTH ENDING -  
DECEMBER 2019**

MATLOCK BEND LANDFILL

LOUDON COUNTY

LENOIR CITY

MONTH	2018		2019		2018 TO 2019	
	2018	2019	2018	2019	2018	2019
JANUARY	15,858.64	13,578.63	(2,280.01)			
FEBRUARY	13,865.56	11,770.32	(2,095.24)			
MARCH	15,779.17	13,291.24	(2,487.93)			
APRIL	15,147.53	14,140.50	(1,007.03)			
MAY	13,276.58	14,366.28	1,089.70			
JUNE	12,717.37	9,827.56	(2,889.81)			
JULY	12,353.95	10,975.46	(1,378.49)			
AUGUST	13,665.82	10,202.83	(3,462.99)			
SEPTEMBER	11,142.60	10,883.70	(258.90)			
OCTOBER	12,551.31	11,554.37	(996.94)			
NOVEMBER	12,488.68	8,883.28	(3,605.40)			
DECEMBER	11,898.48	10,644.98	(1,253.50)			
TOTAL	160,745.69	140,119.15	(20,626.54)			

DAILY AVG FOR ANY  
RUNNING 30 DAY  
PERIOD

DAILY AVG FOR 22.5  
DAY PERIOD

354.83                      473.11

MONTH	2018		2019		2018 TO 2019	
	2018	2019	2018	2019	2018	2019
JANUARY	471.26	489.09	17.83			
FEBRUARY	419.40	437.25	17.85			
MARCH	496.17	527.14	30.97			
APRIL	524.80	523.08	(1.72)			
MAY	515.70	520.19	4.49			
JUNE	506.85	527.77	20.92			
JULY	551.73	581.24	29.51			
AUGUST	525.59	505.05	(20.54)			
SEPTEMBER	456.20	468.00	11.80			
OCTOBER	537.94	494.52	(43.42)			
NOVEMBER	470.26	460.56	(9.70)			
DECEMBER	525.65	556.90	31.25			
TOTAL	6,001.55	6,090.79	89.24			

MONTH	2018		2019		2018 TO 2019	
	2018	2019	2018	2019	2018	2019
JANUARY	311.92	359.51	47.59			
FEBRUARY	294.51	310.75	16.24			
MARCH	353.46	364.95	11.49			
APRIL	368.49	399.46	30.97			
MAY	410.46	421.45	10.99			
JUNE	348.15	376.08	27.93			
JULY	391.93	464.25	72.32			
AUGUST	390.42	423.47	33.05			
SEPTEMBER	338.04	362.91	24.87			
OCTOBER	401.95	400.49	(1.46)			
NOVEMBER	380.85	360.62	(20.23)			
DECEMBER	324.68	383.86	59.18			
TOTAL	4,314.86	4,627.80	312.94			

CITY OF LOUDON

WASTE SERVICES OF TN

TENNESSEE TRASH

MONTH	2018		2019		2018 TO 2019	
	2018	2019	2018	2019	2018	2019
JANUARY	363.15	434.56	71.41			
FEBRUARY	344.19	367.36	23.17			
MARCH	371.66	434.95	63.29			
APRIL	427.07	450.53	23.46			
MAY	442.51	481.49	38.98			
JUNE	412.21	464.46	52.25			
JULY	431.11	549.23	118.12			
AUGUST	432.46	461.07	28.61			
SEPTEMBER	381.35	419.83	38.48			
OCTOBER	429.98	452.47	22.49			
NOVEMBER	397.88	398.85	0.97			
DECEMBER	380.31	460.01	79.70			
TOTAL	4,813.88	5,374.81	560.93			

MONTH	2018		2019		2018 TO 2019	
	2018	2019	2018	2019	2018	2019
JANUARY	2,437.61	2,912.60	474.99			
FEBRUARY	2,331.36	2,545.03	213.67			
MARCH	2,635.18	2,954.94	319.76			
APRIL	2,721.66	3,275.88	554.22			
MAY	2,902.00	3,419.31	517.31			
JUNE	2,707.31	3,100.54	393.23			
JULY	2,822.88	3,406.12	583.24			
AUGUST	2,816.39	3,323.31	506.92			
SEPTEMBER	2,389.80	3,047.17	657.37			
OCTOBER	2,814.76	3,448.07	633.31			
NOVEMBER	2,560.73	3,335.03	774.30			
DECEMBER	2,696.25	3,290.95	594.70			
TOTAL	31,835.93	38,058.95	6,223.02			

MONTH	2018		2019		2018 TO 2019	
	2018	2019	2018	2019	2018	2019
JANUARY	3,854.46	5,184.96	1,330.50			
FEBRUARY	3,518.63	4,252.39	733.76			
MARCH	4,121.81	5,009.22	887.41			
APRIL	4,469.98	5,315.21	845.23			
MAY	4,912.76	5,341.05	428.29			
JUNE	4,503.72	0.00	(4,503.72)			
JULY	4,825.80	0.00	(4,825.80)			
AUGUST	5,062.65	3.31	(5,059.34)			
SEPTEMBER	4,170.33	4.72	(4,165.61)			
OCTOBER	4,675.17	52.03	(4,623.14)			
NOVEMBER	4,872.03	77.20	(4,794.83)			
DECEMBER	4,236.80	31.58	(4,205.22)			
TOTAL	53,224.14	25,271.67	(27,952.47)			

**LANDFILL TONNAGE VOLUME  
MONTH ENDING -  
DECEMBER 2019**

**KIMBERLY CLARK - PAPER WASTE**

MONTH	2018		2019		2018 TO 2019
	2018	2019	2018	2019	
JANUARY	5,057.39	0.00	0.00	0.00	(5,057.39)
FEBRUARY	3,563.87	0.00	0.00	0.00	(3,563.87)
MARCH	4,234.12	0.00	0.00	0.00	(4,234.12)
APRIL	3,071.82	0.00	0.00	0.00	(3,071.82)
MAY	0.00	0.00	0.00	0.00	0.00
JUNE	0.00	0.00	0.00	0.00	0.00
JULY	0.00	0.00	0.00	0.00	0.00
AUGUST	0.00	0.00	0.00	0.00	0.00
SEPTEMBER	0.00	0.00	0.00	0.00	0.00
OCTOBER	0.00	0.00	0.00	0.00	0.00
NOVEMBER	0.00	0.00	0.00	0.00	0.00
DECEMBER	0.00	0.00	0.00	0.00	0.00
TOTAL	15,927.20	0.00	0.00	0.00	(15,927.20)

Initial Inspection

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

**CLASS I  
FACILITY**

SITE	DATE	TIME	WEATHER
Loudon County Landfill SNL530000203 21712 Highway 72 North Loudon	20191205	01:32	55, sun

EFO  
KNOX

\*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>	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**

<b>8330</b>	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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<b>8340</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"/>
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COMMENTS	
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**COMMUNICATIONS**

<b>8130</b>	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**

<b>8160</b>	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**

<b>8250</b>	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**

<b>8190</b>	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**

\*SEE DISCLAIMER ON LAST PAGE

VIOLATION		REGULATION	OBSERVATION NVO AOC V1 V2	
<b>DUTY TO PROVIDE INFORMATION</b>				
<b>8530</b>	UNSATISFACTORY RECORDS OR REPORTS	0400-11-01-.02(5)(a)7 TCA 68-211-862(a)	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
<b>8590</b>	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				
<b>FIRE SAFETY</b>				
<b>8080</b>	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				
<b>8090</b>	INADEQUATE FIRE PROTECTION	0400-11-01-.04(2)(c)2	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
<b>GAS MIGRATION CONTROL STANDARDS</b>				
<b>8380</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				
<b>8390</b>	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				
<b>GENERAL FACILITY STANDARDS</b>				
<b>8010</b>	INADEQUATE VECTOR CONTROL	0400-11-01-.04(2)(a)1	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
<b>8020</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				
<b>8030</b>	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				

\*SEE DISCLAIMER ON LAST PAGE

VIOLATION		REGULATION	OBSERVATION			
			NVO	AOC	V1	V2
<b>GENERAL FACILITY STANDARDS</b>						
<b>8040</b>	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						
<b>8050</b>	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						
<b>8060</b>	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						
<b>8070</b>	UNAPPROVED SALVAGING OF WASTE	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>	UNSATISFACTORY LITTER CONTROL	0400-11-01-.04(2)(d)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>OPERATING EQUIPMENT</b>						
<b>8140</b>	INADEQUATE OPERATING EQUIPMENT	0400-11-01-.04(2)(g)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>8150</b>	UNAVAILABILITY OF BACKUP EQUIPMENT	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>	EXPOSED SOLID WASTE	0400-11-01-.04(2)(a)(3)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>8320</b>	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						

\*SEE DISCLAIMER ON LAST PAGE

VIOLATION		REGULATION	OBSERVATION NVO AOC V1 V2
<b>OVERALL PERFORMANCE STANDARD</b>			
<b>8350</b>	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			
<b>8360</b>	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			
<b>8370</b>	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			
<b>8420</b>	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			
<b>8490</b>	EXCESSIVE POOLING OF WATER	0400-11-01-.04 (2)(a)3 0400-11-01-.04(8)(c)4(iii)	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
<b>8520</b>	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>PERMANENT BENCHMARK</b>			
<b>8280</b>	NO PERMANENT BENCHMARK	0400-11-01-.04(2)(o)	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
<b>PERSONNEL SERVICES</b>			
<b>8120</b>	INADEQUATE EMPLOYEE FACILITIES	0400-11-01-.04(2)(e)	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
<b>PROPER OPERATION AND MAINTENANCE</b>			
<b>8540</b>	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			

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VIOLATION		REGULATION	OBSERVATION NVO AOC V1 V2				
<b>RANDOM INSPECTION PROGRAM</b>							
<b>8290</b>	INADEQUATE RANDOM INSPECTION PROGRAM	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>	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							
<b>RUN-ON, RUN-OFF, AND EROSION CONTROL</b>							
<b>8170</b>	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							
<b>8180</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							
<b>SPECIAL WASTE APPROVAL PROCESS</b>							
<b>8300</b>	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							
<b>UNLAWFUL METHODS OF DISPOSAL</b>							
<b>8570</b>	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							
<b>8580</b>	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							
<b>WASTE HANDLING AND COVER STANDARDS</b>							
<b>8430</b>	WASTE NOT CONFINED TO A MANAGEABLE AREA	0400-11-01-.04(6)(a)1	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS							

\*SEE DISCLAIMER ON LAST PAGE

VIOLATION		REGULATION	OBSERVATION NVO AOC V1 V2
<b>WASTE HANDLING AND COVER STANDARDS</b>			
<b>8440</b>	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			
<b>8450</b>	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			
<b>8460</b>	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			
<b>8470</b>	UNSATISFACTORY INTERMEDIATE COVER	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>8480</b>	UNSATISFACTORY FINAL COVER	0400-11-01-.04(6)(a)6 0400-11-01-.04(8)(c)4	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
<b>8510</b>	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			
<b>WASTE RESTRICTIONS</b>			
<b>8210</b>	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			
<b>8220</b>	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	
<b>WASTE RESTRICTIONS</b>				
<b>8230</b>	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				
<b>8240</b>	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

Sump: 6.8  
Tank: 4

*\*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

**Ryan Miller**

Digitally signed by Ryan Miller  
DN: cn=Ryan Miller, o=DSWM, email=ryan.miller@ts.gov, c=US  
Date: 2018.12.06 09:42:06 -0500



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Water Resources

William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243

1-888-891-8332 (TDEC)

Tennessee Multi-Sector General NPDES Permit (TMSP) Compliance Inspection Report

Facility Name:	Matlock Bend Landfill			NPDES Tracking Number: TNR	TNR051889
Street Address:	21712 Highway 72			County:	Loudon
Facility SIC Code(s):	4953 - - -	TMSP Sector(s):	L - P - - - -	Effective Date:	05-JUN-15
Inspection Date:	1/14/2020	Time of Entry:	0745	Time of Exit:	0915

Notice of Coverage (NOC) and Stormwater Pollution Prevention Plan (SWPPP)	Yes	No	N/A
Is the facility's NOC retained on-site or available upon request?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has the facility developed and maintained a SWPPP?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the SWPPP include: a detailed site map identifying drainage, outfalls, pollutant potential areas and BMPs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
an inventory of potential pollutant sources?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a pollution prevention team?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a list of measures and controls to prevent pollution?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a description of good house keeping practices?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a list of erosion prevention and sediment controls?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a list of significant spills and leaks of toxic and hazardous pollutants?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a description of spill prevention and response procedures?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a certification page signed by the appropriate authority?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a description of employee training and dates delivered?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a certification of testing for presence of non-storm-water discharge?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Quarterly Visual Examination of Stormwater Quality (Last inspection conducted 12/18/2019)	Yes	No	N/A
Has the permittee performed quarterly visual examinations in accordance with the requirements of the TMSP?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the visual examination reports retained on-site or available upon request?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(\*Permittee also conducts weekly inspections – not required in permit. Most recent inspection conducted 1/13/2020.)

Stormwater Monitoring (Most recent sample was conducted late December 2019. Results have not been received from lab.)	Yes	No	N/A
Has the permittee performed stormwater monitoring at all of the outfalls?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have all of the required parameters been monitored?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have the samples been collected in accordance with the requirements of the TMSP and/or 40 CFR?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the monitoring reports and associated documentation retained on-site or available upon request?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the facility notify the Division within the required time frame if benchmark exceedances occurred?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comprehensive Site Compliance Evaluations and Inspections	Yes	No	N/A
Has the permittee performed annual comprehensive site compliance evaluations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has the permittee performed any required site inspections?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the evaluations and inspection records retained on-site or available upon request?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Facility BMP Review (Facility BMP focus was from above wheelhouse to receiving stream.)	Yes	No	N/A
Are the site BMPs in accordance with the SWPPP?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have the BMPs been installed correctly and maintained?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have good housekeeping measures been implemented and maintained?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Outfall and Receiving Waters (where applicable)	Outfall # SO1	Outfall # SO2 and SO3
Was an outfall discharging at time of inspection? If yes, explain observations (source/color/odor/foam/scum/solids etc.).	Outfall was discharging during inspection. Discharge was similar in characteristics to receiving stream; turbid, foamy, and elevated in depth. Inspection was conducted during a thunderstorm.	Outfalls were discharging during inspection. Discharge was similar in characteristics to receiving stream; turbid, foamy, and elevated in depth. Inspection was conducted during a thunderstorm.
Condition of receiving water upstream from the outfall?	Turbid, foamy, and elevated in	Turbid, foamy, and elevated in

	depth.	depth.
Condition of receiving water <u>10</u> feet downstream of the outfall?	Same	Same
Condition of receiving water <u>20</u> feet downstream of the outfall?	Same	Same

**Observations and Comments:**

-Met Justin Givens, Landfill Manager of the Matlock Bend facility at the scale house just up from the entrance to the landfill.

-Started inspection with a verbal overview of wheel washing procedures at the Matlock Bend facility given by Mr. Givens.

-The wheel wash is located approximately 1/8 mile uphill from the scale house on a gravel road. The wheel wash itself is not a pressurized system, but rather a concrete trench filled with water that allows vehicles to travel through to remove debris/sediment. The debris/sediment is routed to a concrete holding pit that is approximately 5.0' wide x 8.0' deep. The accumulated sediment is removed from this structure, when necessary, by a skid steer and is taken to an approved facility storage area.

-When the wheel wash water becomes ineffective it is pumped to the facility water treatment plant. Once the water is removed, the trench is filled with nonportable, but clean, water. These cleaning out procedures can occur up to four times daily, depending on road conditions and usage.

-Along with the trench system, 3 pressurized hoses, powered by portable generators, are located at different locations at the wheel wash. These additional tools can aid in the process of debris/sediment removal from vehicles. These tools are powered by facility workers when needed.

-During the inspection I witnessed two vehicles effectively use the wheel wash station for the removal of debris/sediment. The first vehicle was a dumptruck and the second vehicle was a dully truck pulling a horse trailer. Both vehicles entered the system muddy and exited clean.

-There are discussions of installing a pressurized wheel wash station, but no plans have been submitted to the Tennessee Dept. of Environment and Conservation (TDEC).

-Stormwater runoff along the gravel road from the wheel wash down to the scale house was observed. As mentioned previously, my inspection was conducted during a thunderstorm. All runoff was routed to grass lined ditches along either side of the road. At times, stormwater runoff crossed the road, but was the result of elevation and terrain change along the travel corridor.

-The scale house and associated impervious surfaces did not display signs of sediment/debris accumulation.

-Stormwater runoff from the scale house to Highway 72 was traveling down gradient in clear sheet flow patterns. There were no indications of sediment/debris travel or accumulation at these locations.

-At the intersection of Highway 72, stormwater entered the ditch system adjacent to the highway, and flowed to the unnamed tributary. The tributary was turbid and in flood stage above and below the confluence of the stormwater ditch.

-Spoke with Mr. Givens about general trash cleanup around the entrance and scale house.

-TDEC, Solid Waste Division, conducted an inspection on January 6, 2020. According to the inspection report numbered 75888, there were no violations found. Furthermore, a manager with Solid Waste reached out to Mr. Given to discuss the wheel wash procedures on January 13, 2020, referencing a recently logged complaint regarding sediment accumulation at the entrance to the facility.

<b>On-Site Contact Person:</b>	<b>DWR Inspector:</b>
Print Name: _____	Print Name: <u>Josh Frazier</u>
Title: _____ Date: _____	Title: <u>Environmental Scientist III</u> Date: <u>1/14/2020</u>
Signature: _____	Signature: 
Phone: _____	Phone: 865-594-5542
Email: _____	Email: <u>Joshua.frazier@tn.gov</u>

# Photos

Taken by: Joshua Frazier, TDEC, Environmental Scientist III

Date: January 14, 2020

Note: Pictures may be blurry. Camera's auto focus was deceived by precipitation.







**Materials Classification Report**  
**Matlock Bend Landfill**  
**Monthly Tonnage Summary December 2019**

Material	Tonnage	2016 Sludge %		2017 Sludge %	
<b>MSW</b>		January	4%	January	5%
		February	3%	February	8%
MSW	<u>7,076</u>	March	4%	March	8%
<b>Special Waste</b>		April	3%	April	7%
		May	4%	May	4%
Other	2,861	June	2%	June	2%
		July	2%	July	3%
Ash	0	August	3%	August	4%
		September	2%	September	7%
Sludge	<u>708</u>	October	3%	October	8%
<b>Total Special Waste</b>		November	3%	November	6%
		December	3%	December	5%
<b>Total MSW &amp; SW</b>					
		<b>2018 Sludge %</b>		<b>2019 Sludge %</b>	
		January	4%	January	5%
		February	4%	February	5%
Tires	22	March	5%	March	4%
<b>Total Material</b>		April	6%	April	4%
		May	8%	May	3%
		June	9%	June	6%
		July	6%	July	5%
<b>% MSW</b>	<u>66%</u>	August	4%	August	4%
		September	2%	September	4%
<b>% Special Waste</b>	<u>34%</u>	October	2%	October	3%
		November	5%	November	4%
<b>% Sludge</b>	<u>7%</u>	December	5%	December	



**2019-2020 Matlock Bend  
Landfill Tire Report**

<b>Month</b>	<b>Tonnage</b>
Jul-19	18.69
Aug-19	48.10
Sep-19	49.21
Oct-19	19.57
Nov-19	41.03
Dec-19	34.2
Jan-20	
Feb-20	
Mar-20	
Apr-20	
May-20	
Jun-20	
<b>Total (tons)</b>	<b>210.8</b>

## Matlock Bend Landfill - Module E 2019 Airspace Projection / Construction Schedule

DATE	REMAINING AIRSPACE <sup>1</sup> (CY)	MONTHLY TONNAGE	ACTUAL / PROJECTED <sup>2</sup>	UTILIZATION FACTOR	MONTHLY VOLUME CONSUMED (CY)	ENDING MONTHLY REMAINING AIRSPACE (CY)
		10,393		1.28		
May 6, 2019	785,212	-	-	-	-	-
May 7 - 31, 2019	-	11,657	A	1.28	14,920	770,292
June	-	9,863	A	1.28	12,625	757,667
July	-	11,013	A	1.28	14,097	743,570
August	-	10,239	A	1.28	13,105	730,465
September	-	10,916	A	1.28	13,972	716,492
October	-	11,599	A	1.28	14,847	701,646
November	-	8,914	A	1.28	11,410	690,236
December	-	10,667	A	1.28	13,654	676,582
January '20	-	10,393	P	1.28	13,303	663,279
February	-	10,393	P	1.28	13,303	649,975
March	-	10,393	P	1.28	13,303	636,672
April	-	10,393	P	1.28	13,303	623,368
May	-	10,393	P	1.28	13,303	610,065
June	-	10,393	P	1.28	13,303	596,761
July	-	10,393	P	1.28	13,303	583,458
August	-	10,393	P	1.28	13,303	570,154
September	-	10,393	P	1.28	13,303	556,851
October	-	10,393	P	1.28	13,303	543,547
November	-	10,393	P	1.28	13,303	530,244
December	-	10,393	P	1.28	13,303	516,940

<sup>1</sup> = Remaining airspace based on May 6, 2019 aerial survey.

Full Date

March-2024

<sup>2</sup> = Projected tonnages are based on a 3 month average.

<sup>3</sup> = Utilization rate based on the annual utilization rate per October 27, 2008 construction meeting (Avg. Utilization = 1.22 cy/ton)

### Tonnage for Past 3 Months

October	11,599
November	8,914
December	10,667
<b>Average</b>	<b>10,393</b>

cc: Tim  
Matt  
Ben  
Ron  
Justin  
Jason  
Mark



650 25<sup>th</sup> Street NW, Ste 100  
Cleveland, TN 37311

Phone: (423) 303-7101  
Toll Free: (800) 467-9160  
www.santekenviro.com

January 13, 2020

Loudon County Solid Waste Disposal Commission  
100 River Road  
P.O. Box 351  
Loudon, TN 37774

Dear Steve:

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 December 1, 2019 to December 31, 2019:

Host Fees (Greater of below) –	
Total Tip Fees Billed	\$269,761.83
Host Fee Percentage	<u>3.96%</u>
	<b>\$ 10,682.57</b>
Minimum Fee	<u>\$ 10,560.00</u>
Security Fees (Greater of below) –	
Total Tonnage Received	10,644.98
Rate per ton	<u>\$ 1.00</u>
Total	<u>\$ 10,644.98</u>
Total Tip Fees Billed	\$269,761.83
Security Fee Percentage	<u>5.00%</u>
	<b>\$ 13,488.09</b>

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, appearing to read "Mark C. Mathys", written over a horizontal line.

Mark C. Mathys  
Vice President of Finance & Corporate Controller



STATE OF TENNESSEE  
**DEPARTMENT OF ENVIRONMENT AND CONSERVATION**  
KNOXVILLE ENVIRONMENTAL FIELD OFFICE  
DIVISION OF SOLID WASTE MANAGEMENT  
3711 MIDDLEBROOK PIKE  
KNOXVILLE, TENNESSEE 37921-6538  
PHONE (865) 594-6035 STATEWIDE 1-888-891-8332 FAX (865)594-6105

January 2, 2020

Mr. Ron E. Vail, Executive V. P. of Engineering  
Santek Waste Services  
650 25<sup>th</sup> Street, N. W., Suite 100  
Cleveland, Tennessee 37311

RE: Matlock Bend Landfill- Loudon County, SNL 53-0203  
Enhanced Wheel Wash Notification Accepted

Dear Mr. Vail:

The Division of Solid Waste Management received the information supplied outlining the proposed pressurized spray upgrade to the wheel wash already in-place at the site. The previous minor permit modification approved involved a rumble strip with water and sewer connections. The information presented does not change the location so the notification contained in the December 20, 2019 correspondence is hereby accepted and determined to be sufficiently detailed for its intended purpose. The site can utilize either a spray system or water pool to clean truck tires at the same location with dirty water being collected and sent to the local utility for disposal.

If you have any questions, please do not hesitate to contact me at (865) 594-5469 or email [Paula.Plont@tn.gov](mailto:Paula.Plont@tn.gov)

Sincerely,

Handwritten signature of Paula Plont in black ink.

Paula Plont  
Environmental Consultant

Handwritten signature of Revendra Awasthi in blue ink.

Revendra Awasthi  
Environmental Field Office Manager

cc: DSWM NCO via electronic mail  
Justin Givens, Landfill Manager, Santek