

AGENDA
LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION
January 8, 2019
6:30 p.m.
LOUDON COUNTY COURTHOUSE ANNEX
Loudon, Tennessee

1. Opening of Meeting, Pledge of Allegiance, Invocation
2. Approval of Minutes – December 11, 2018
3. Items of Public Concern
4. Cash Activity Report
5. Operations Report
6. Contract Modification Update
7. Poplar Springs 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 2018

November 2018 Combined Ending Cash Balance per Monthly Report	3,557,491.59
Adjustments:	
	0.00
	<u>0.00</u>
Total Adjustments	<u>0.00</u>
Adjusted November 2018 Combined Ending Balance per Loudon Co Trustee	<u><u>3,557,491.59</u></u>

Solid Waste Disposal Commission Operating Fund

Operating Fund Ending Balance November 2018		3,579,113.35
Cash Receipts:		
Trustee's Collections - Prior Year	0	
Surcharge - Host Fees (Nov 2018)	11,177.95	
Surcharge - Security Fees (Nov 2018)	14,113.57	
Investment Income	<u>4,877.48</u>	
Total Monthly Revenue		30,169.00
Cash Disbursements:		
Board & Committee Members Fees	(200.00)	
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		<u>(2,700.00)</u>
Expenditure Credit:		
Trustee Commission Adjustment		<u>0.00</u>
<u>Operating Fund Ending Balance December 2018</u>		<u><u>3,606,582.35</u></u>

Poplar Springs Subfund

Poplar Springs Subfund Balance November 2018		(21,621.76)
Cash Receipts:		
	0.00	
Total Monthly Revenue		<u>0.00</u>
Cash Disbursements:		
Poplar Springs Legal Services	0.00	
Total Cash Disbursements		<u>0.00</u>
<u>Poplar Springs Subfund Balance December 2018</u>		<u><u>(21,621.76)</u></u>

TOTAL COMBINED OPERATING AND POPLAR SPRINGS DECEMBER 2018 BALANCE **3,584,960.59**

Combined Summary - December 2018		
Beginning Balance		3,557,491.59
Plus Operating Revenue		30,169.00
Less Operating and Poplar Springs Disbursements		<u>(2,700.00)</u>
TOTAL COMBINED BALANCE - DECEMBER 2018		<u><u>3,584,960.59</u></u>

**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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Email: mail@santekenviro.com
Internet: www.santekenviro.com

**Monthly Operations Report
Matlock Bend Landfill
January 8, 2019**

**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**

**LANDFILL TONNAGE VOLUME
MONTH ENDING -
DECEMBER 2018**

MATLOCK BEND LANDFILL

MONTH	2017		TO 2018
	2017	2018	
JANUARY	15,336.42	15,858.64	522.22
FEBRUARY	14,991.58	13,865.56	(1,126.02)
MARCH	16,055.37	15,779.17	(276.20)
APRIL	14,472.05	15,147.53	675.48
MAY	16,123.28	13,276.58	(2,846.70)
JUNE	15,653.83	12,717.37	(2,936.46)
JULY	14,583.45	12,353.95	(2,229.50)
AUGUST	15,865.64	13,665.82	(2,199.82)
SEPTEMBER	16,560.64	11,142.60	(5,418.04)
OCTOBER	17,666.70	12,551.31	(5,115.39)
NOVEMBER	16,195.44	12,488.68	(3,706.76)
DECEMBER	15,566.26	11,898.48	(3,667.78)
TOTAL	189,070.66	160,745.69	(28,324.97)

**DAILY AVG FOR ANY
RUNNING 30 DAY
PERIOD 392.19**

CITY OF LOUDON

MONTH	2017		TO 2018
	2017	2018	
JANUARY	374.21	363.15	(11.06)
FEBRUARY	316.79	344.19	27.40
MARCH	407.26	371.66	(35.60)
APRIL	368.89	427.07	58.18
MAY	446.12	442.51	(3.61)
JUNE	404.84	412.21	7.37
JULY	399.49	431.11	31.62
AUGUST	398.67	432.46	33.79
SEPTEMBER	378.74	381.35	2.61
OCTOBER	384.36	429.98	45.62
NOVEMBER	376.88	397.88	21.00
DECEMBER	355.57	380.31	24.74
TOTAL	4,611.82	4,813.88	202.06

LOUDON COUNTY

MONTH	2017		TO 2018
	2017	2018	
JANUARY	477.16	471.26	(5.90)
FEBRUARY	424.98	419.40	(5.58)
MARCH	498.94	496.17	(2.77)
APRIL	507.83	524.80	16.97
MAY	549.58	515.70	(33.88)
JUNE	519.50	506.85	(12.65)
JULY	542.63	551.73	9.10
AUGUST	482.19	525.59	43.29
SEPTEMBER	482.19	456.20	(25.99)
OCTOBER	459.47	537.94	78.47
NOVEMBER	487.96	470.26	(17.70)
DECEMBER	479.80	525.65	45.85
TOTAL	5,942.34	6,001.55	59.21

**DAILY AVG FOR 22.5
DAY PERIOD 528.82**

WASTE SERVICES OF TN

MONTH	2017		TO 2018
	2017	2018	
JANUARY	2,573.63	2,437.61	(136.02)
FEBRUARY	2,358.39	2,331.36	(27.03)
MARCH	2,521.29	2,635.18	113.89
APRIL	2,350.38	2,721.66	371.28
MAY	2,737.26	2,902.00	164.74
JUNE	2,769.33	2,707.31	(62.02)
JULY	2,558.48	2,822.88	264.40
AUGUST	2,759.94	2,816.39	56.45
SEPTEMBER	2,617.34	2,389.80	(227.54)
OCTOBER	2,681.16	2,814.76	133.60
NOVEMBER	2,702.62	2,560.73	(141.89)
DECEMBER	2,571.81	2,696.25	124.44
TOTAL	31,201.63	31,835.93	634.30

LENOIR CITY

MONTH	2017		TO 2018
	2017	2018	
JANUARY	320.21	311.92	(8.29)
FEBRUARY	280.52	294.51	13.99
MARCH	375.49	353.46	(22.03)
APRIL	345.90	368.49	22.59
MAY	385.74	410.46	24.72
JUNE	361.60	348.15	(13.45)
JULY	368.18	391.93	23.75
AUGUST	405.09	390.42	(14.67)
SEPTEMBER	351.66	338.04	(13.62)
OCTOBER	349.35	401.95	52.60
NOVEMBER	335.19	380.85	45.66
DECEMBER	297.33	324.68	27.35
TOTAL	4,176.26	4,314.86	138.60

TENNESSEE TRASH

MONTH	2017		TO 2018
	2017	2018	
JANUARY	3,735.96	3,854.46	118.50
FEBRUARY	3,572.92	3,518.63	(54.29)
MARCH	3,906.62	4,121.81	215.19
APRIL	3,800.78	4,469.98	669.20
MAY	4,370.78	4,912.76	541.98
JUNE	4,485.85	4,503.72	17.87
JULY	3,911.99	4,825.80	913.81
AUGUST	4,476.93	5,062.65	585.72
SEPTEMBER	4,048.58	4,170.33	121.75
OCTOBER	4,606.41	4,675.17	68.76
NOVEMBER	4,348.17	4,872.03	523.86
DECEMBER	4,193.86	4,236.80	42.94
TOTAL	49,458.85	53,224.14	3,765.29

**LANDFILL TONNAGE VOLUME
MONTH ENDING -
DECEMBER 2018**

KIMBERLY CLARK - PAPER WASTE

MONTH	2017	2018	2017	
			2017	TO 2018
JANUARY	4,389.45	5,057.39	667.94	
FEBRUARY	4,197.85	3,563.87	(633.98)	
MARCH	3,834.53	4,234.12	399.59	
APRIL	3,145.34	3,071.82	(73.52)	
MAY	3,846.17	0.00	(3,846.17)	
JUNE	3,682.06	0.00	(3,682.06)	
JULY	3,592.35	0.00	(3,592.35)	
AUGUST	3,422.54	0.00	(3,422.54)	
SEPTEMBER	4,366.81	0.00	(4,366.81)	
OCTOBER	4,461.57	0.00	(4,461.57)	
NOVEMBER	4,140.50	0.00	(4,140.50)	
DECEMBER	4,310.18	0.00	(4,310.18)	
TOTAL	47,389.35	15,927.20	(31,462.15)	

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

**CLASS I
FACILITY**

SITE		DATE	TIME	WEATHER
Matlock Bend SNL530000203 Rt 72, Loudon		20181211	14:00	sun 40s
INSPECTOR			EFO	
PjMU			KNOX	

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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	Leachate to POTW.					
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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	Daily cover stockpiled and ready.					
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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

*SEE DISCLAIMER ON LAST PAGE

VIOLATION		REGULATION	OBSERVATION			
			NVO	AOC	V1	V2
DUTY TO PROVIDE INFORMATION						
8530	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"/>
COMMENTS						
8590	PERMITS, PLANS, OPERATING MANUAL NOT AVAILABLE	0400-11-01-.02(5)(a)(7)	?	<input checked="" 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"/>
COMMENTS						
8090	INADEQUATE FIRE PROTECTION	0400-11-01-.04(2)(c)2	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS	All fire extinguishers and onboard systems charged and up to date.					
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"/>
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"/>
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"/>
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"/>
COMMENTS						
8030	INADEQUATE ARTIFICIAL OR NATURAL BARRIER	0400-11-01-.04(2)(b)1	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						

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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	Entrance clean and debris free. Wheel wash in operation. Two operating pressure washers.					
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	WASHOUT OF 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	Sump levels 9.7" and 19.2".					

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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"/>
COMMENTS						
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"/>
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"/>
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"/>
COMMENTS						
8490	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"/>
COMMENTS						
8520	DUMPING OF WASTE INTO WATER	0400-11-01-.04 (2)(a)3	?	<input checked="" 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"/>
COMMENTS						
PERSONNEL SERVICES						
8120	INADEQUATE EMPLOYEE FACILITIES	0400-11-01-.04(2)(e)	?	<input checked="" 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"/>
COMMENTS						

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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"/>
COMMENTS						
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"/>
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"/>
COMMENTS						
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"/>
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"/>
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"/>
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"/>
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"/>
COMMENTS						

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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"/>
COMMENTS						
8450	IMPROPER COMPACTING OF WASTE	0400-11-01-.04(6)(a)2	?	<input checked="" 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"/>
COMMENTS						
8470	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"/>
COMMENTS	Grass germination on intermediate cover looks good.					
8480	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"/>
COMMENTS	Final cover and vegetation strong on closed portion.					
8510	UNSATISFACTORY STABILIZATION OF COVER	0400-11-01-.04(6)(a)5,6	?	<input checked="" 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"/>
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"/>
COMMENTS						

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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"/>
COMMENTS	Tires in separate trailer.					
8240	MEDICAL WASTE IMPROPERLY HANDLED	0400-11-01-.04(2)(k)4.(i-iv)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						

LEACHATE LEVELS

9.7" and 19.2"

**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.*

Compliance Date

LOCK Form

SAVE FORM

Inspection Photolog
Matlock Bend Landfill – SNL530000203
December 11, 2018



Working face looking south from toe.



Working face looking south from toe. Soil cover stockpile behind waste placement.



North slope maintenance.



North slope facing east. Detention pond. Debris noted in November inspection removed.



Leachate sump level 9.7 inches and pump running.



North slope leachate seep repairs functioning well.



North slope leachate seep repairs functioning well.



Leachate sump level at 19.2 inches.



Manicured north slope.



New grass on intermediate cover.



Road and entrance looking neat and clean.



Road condition at entrance.

Materials Classification Report
Matlock Bend Landfill
Monthly Tonnage Summary December 2018

Material	Tonnage	2015 Sludge %		2016 Sludge %	
MSW		January	2%	January	4%
		February	3%	February	3%
MSW	<u>10,923</u>	March	3%	March	4%
		April	1%	April	3%
Special Waste		May	2%	May	4%
		June	1%	June	2%
Other	408	July	5%	July	2%
		August	2%	August	3%
Ash	0	September	2%	September	2%
		October	2%	October	3%
Sludge	<u>568</u>	November	3%	November	3%
		December	5%	December	3%
Total Special Waste	<u>976</u>				
Total MSW & SW	11,898				
Tires	32	January	5%	January	4%
		February	8%	February	4%
Total Material	<u>11,930</u>	March	8%	March	5%
		April	7%	April	6%
		May	4%	May	8%
		June	2%	June	9%
		July	3%	July	6%
% MSW	<u>92%</u>	August	4%	August	4%
		September	7%	September	2%
% Special Waste	<u>8%</u>	October	8%	October	2%
		November	6%	November	5%
% Sludge	<u>5%</u>	December	5%	December	5%

**2018-2019 Matlock Bend
Landfill Tire Report**

Month	Tonnage
Jul-18	52.58
Aug-18	33.02
Sep-18	35.27
Oct-18	85.69
Nov-18	18.25
Dec-18	41.53
Jan-19	
Feb-19	
Mar-19	
Apr-19	
May-19	
Jun-19	
Total (tons)	266.34

Matlock Bend Landfill - Module I-B 2018 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)
		12,343		1.44		
May 7, 2018	315,103	-	-	-	-	-
May 8 - 30, 2018	-	10,420	A	1.44	15,004	300,099
June	-	12,717	A	1.44	18,312	281,786
July	-	12,354	A	1.44	17,790	263,996
August	-	13,666	A	1.44	19,679	244,317
September	-	11,173	A	1.44	16,089	228,228
October	-	12,609	A	1.44	18,157	210,071
November	-	12,489	A	1.44	17,984	192,087
December	-	11,930	A	1.44	17,179	174,908
January '19	-	12,343	P	1.44	17,773	157,134
February	-	12,343	P	1.44	17,773	139,361
March	-	12,343	P	1.44	17,773	121,588
April	-	12,343	P	1.44	17,773	103,814
May	-	12,343	P	1.44	17,773	86,041
June	-	12,343	P	1.44	17,773	68,267
July	-	12,343	P	1.44	17,773	50,494
August	-	12,343	P	1.44	17,773	32,720
September	-	12,343	P	1.44	17,773	14,947
October	-	12,343	P	1.44	17,773	0
November	-	12,343	P	1.44	17,773	0
December	-	12,343	P	1.44	17,773	0

¹ = Remaining airspace based on May 7, 2018 aerial survey.

Full Date

October-2019

² = Projected tonnages are based on a 3 month average per Matt Dillard on 6-2-09.

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

* Annual utilization rate is 1.06 but using historical annual new cell utilization factor of 1.44

Tonnage for Past 3 Months

October	12,609
November	12,489
December	11,930
Average	12,343

cc: Tim
Matt
Ben
Ron
Raymond
Jason
Mark

SANTEK



650 25th Street NW, Ste 100
Cleveland, TN 37311

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

January 7, 2019

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, 2018 to December 31, 2018:

Host Fees (Greater of below) –	
Total Tip Fees Billed	\$268,785.07
Host Fee Percentage	<u>3.96%</u>
	\$ 10,643.89
Minimum Fee	<u>\$ 10,560.00</u>
Security Fees (Greater of below) –	
Total Tonnage Received	11,898.48
Rate per ton	<u>\$ 1.00</u>
Total	\$ 11,898.48
Total Tip Fees Billed	\$268,785.07
Security Fee Percentage	<u>5.00%</u>
	\$ 13,439.25

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,

Mark C. Mathys
Vice President of Finance & Corporate Controller

Steve Field

From: Patrick Mulligan <Patrick.Mulligan@tn.gov>
Sent: Friday, December 21, 2018 2:26 PM
To: Steve Field; John LeCroy; Ryan Miller; Revendra Awasthi
Cc: Ashley A. Holt; Justin Givens; jeremy.nash@news-herald.net
Subject: RE: News-Herald Matlock Bend Landfill
Attachments: SWMSWP-SNL530000203-C-20181221-road mud complaint inspection-2202.pdf; SWMSWP-SNL530000203-C-20181221-Inspection Photolog-2202.pdf

The inspection report and photolog from my visit to Matlock Bend this morning are attached. Points of note include:

- Rain was heavy at the time.
- Sheet flow was noted on the landfill driveway, at the entrance and on Rt 72.
- No landfill-derived silt, mud or debris was observed in the sheet flow on the landfill driveway.
- No landfill-derived silt, mud or debris was observed at the entrance where the driveway intersects Rt 72.
- No landfill-derived silt, mud or debris was observed on Rt 72 near the landfill entrance.
- Exiting compactor truck tires were observed to be free of landfill derived debris and mud.
- Some light silt was observed in Rt 72 road runoff making its way along Rt 72 toward the landfill entrance.
- Drainage ditches were relatively full but appeared to be functioning as intended.

No foundation for the complaint was observed.

From: Patrick Mulligan
Sent: Friday, December 21, 2018 9:46 AM
To: jeremy.nash@news-herald.net
Cc: John LeCroy; Ryan Miller; Revendra Awasthi; Ashley A. Holt
Subject: FW: News-Herald Matlock Bend Landfill
Importance: High

Hi Jeremy.

I have been asked to respond to your request. I think my email below and the attachments answer your questions. If you'd like to speak with a TDEC representative, you should contact John LeCroy, our Regional Director of External Affairs 865.594.2147.

Regards, P

From: Patrick Mulligan
Sent: Friday, December 21, 2018 9:31 AM
To: Ryan Miller; Revendra Awasthi; John LeCroy
Cc: Ashley A. Holt; 'Steve Field'
Subject: FW: News-Herald Matlock Bend Landfill
Importance: High

Good morning all.

I just want to make everyone aware of this. I have not responded to Mr. Nash.

We were aware of this complaint when I last inspected. At that time several days of rain had just ceased, and the edges of the roads were still wet. The tire wash was in operation with two staff pressure washing every truck tire leaving the

facility. The road did not show evidence of excessive debris at that time. The inspection and inspection photolog are attached.

I am going to look at it this morning and the rain falls.

Regards, Pat

From: Jeremy Nash [mailto:jeremy.nash@news-herald.net]
Sent: Thursday, December 20, 2018 4:29 PM
To: Patrick Mulligan
Subject: News-Herald Matlock Bend Landfill
Importance: High

Patrick,

I'm emailing you in regard to concerned citizens' remarks on cleaning up the road in front of Matlock Bend Landfill, notably mud that's being brought out from the landfill when trucks leave. Please note my deadline is 5 p.m. tomorrow. Thank you for your time.

1. I believe Steve Field, the county's solid waste disposal commission chairman, has been in contact with you about the matter. What can be done from TDEC's standpoint if this issue isn't fixed?
2. Has TDEC received complaints on the matter?
3. How does TDEC typically respond to complaints?
4. Has TDEC been out to the landfill recently regarding this matter? If so, when? What was done?

Thank you,

Jeremy Nash, Reporter
News-Herald and The Connection
201 Simpson Road, Lenoir City, TN 37771
865-635-0840 | jeremy.nash@news-herald.net



STATE OF TENNESSEE
 DEPARTMENT OF ENVIRONMENT AND CONSERVATION
 DIVISION OF SOLID WASTE MANAGEMENT
 WILLIAM R. SNODGRASS TENNESSEE TOWER
 312 ROSA L. PARKS AVENUE, 14TH FLOOR
 NASHVILLE, TN 37243

PRINT **RESET**

TRIP REPORT

FILE NUMBER

CHAT
 CMBA
 COOK
 JACK
 JCITY
 KNOX
 MEMP
 NASH

INSPECTOR ID
PjMU

FACILITY NAME: **Matlock Bend** FACILITY ID: **SNL530000203**

LOCATION: **Rt 72** CITY: **Loudon** COUNTY: **Loudon**

TYPE OF FACILITY
 CLASS I
 CLASS II
 CLASS III
 CLASS IV
 NRS
 OTHER

PURPOSE OF VISIT
 COMPLETE
 FOLLOW UP
 COMPLAINT
 OTHER

BEGIN DATE: **12/21/2018** BEGIN TIME: **10:15** AM PM

WEATHER CONDITIONS
Heavy Rain 40s

DAY: MON TUES WED THU FRI SAT SUN

DESCRIPTION OF INCIDENT / COMPLAINT ETC
Citizen complaint of mud along roadway at landfill entrance.

END DATE: **12/21/2018** END TIME: **10:30** AM PM

DAY: MON TUES WED THU FRI SAT SUN

INDIVIDUALS CONTACTED
Justin Givens

DSWM PERSONNEL PRESENT
Patrick Mulligan

SAMPLES TAKEN

PHOTOS TAKEN
Yes

COMMENTS
 Runoff from constructed stormwater ditches was heavy. Sheet flow along landfill driveway entrance. No mud was observed either along the roadway, landfill entrance or along the concrete driveway leading to the scales at the landfill. Some silty runoff from the road was observed migrating along the roadway edge. Wheels of waste packer trucks leaving the facility were observed to be free of mud and debris.

_____ _____ _____
 INSPECTOR SIGNATURE DATE DATE PREPARED

Inspection Photolog – December 21, 2018
Matlock Bend Landfill
SNL530000203



Eastern stormwater discharge



Entrance area. No landfill-derived debris observed.



Rt 72 at landfill entrance. No landfill debris observed.



Landfill driveway. Sheet flow runoff observed. No siltation, mud or rock observed.



Rt 72 at landfill entrance. Stormwater runoff in background and unobstructed roadside ditch.



Western stormwater discharge.



Landfill driveway. Sheet flow runoff observed. No siltation, mud or rock observed.



Compactor truck exiting. No debris, mud or rock observed.



Compactor truck exiting. No debris, mud or rock observed.