

AGENDA
LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION
December 11, 2018
6:30 p.m.
LOUDON COUNTY COURTHOUSE ANNEX
Loudon, Tennessee

1. Opening of Meeting, Pledge of Allegiance, Invocation
2. Approval of Minutes – November 13, 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
November 2018

October 2018 Combined Ending Cash Balance per Monthly Report	3,507,256.13	
Adjustments:	0.00	
	0.00	
Total Adjustments		0.00
Adjusted October 2018 Combined Ending Balance per Loudon Co Trustee		3,507,256.13

Solid Waste Disposal Commission Operating Fund

Operating Fund Ending Balance October 2018		3,524,694.32
Cash Receipts:		
Trustee's Collections - Prior Year	0	
Surcharge - Host Fees (September 2018)	10,560.00	
Surcharge - Host Fees (October 2018)	11,478.31	
Surcharge - Security Fees (September 2018)	12,746.52	
Surcharge - security Fees (October 2018)	14,492.81	
Investment Income	10,665.91	
Total Monthly Revenue		59,943.55
Cash Disbursements:		
Board & Committee Members Fees	(350.00)	
Social Security	(3.10)	
Medicare	(0.73)	
Audit Services (Mitchell Emert & Hill)		
Contracts with Private Agencies (Santek)		
Engineering Services (Santek)		
Contributions (Loudon Utilities - Quarterly)		
Legal Services (Sep & Oct 2018)	(5,000.00)	
Legal Notices		
Other Contracted Services (Mowing)		
Building & Content Insurance		
In-Service/Staff Development (Refund)		
Trustee's Commission	(270.69)	
Total Cash Disbursements		(5,624.52)
Reconciling Item		
Check Voided & Re-issued		100.00
<u>Operating Fund Ending Balance November 2018</u>		3,579,113.35

Poplar Springs Subfund

Poplar Springs Subfund Balance October 2018		(17,438.19)
Cash Receipts:		
Total Monthly Revenue	0.00	0.00
Cash Disbursements:		
Poplar Springs Engineering	(4,183.57)	
Total Cash Disbursements	(4,183.57)	(4,183.57)
<u>Poplar Springs Subfund Balance November 2018</u>		(21,621.76)

TOTAL COMBINED OPERATING AND POPLAR SPRINGS NOVEMBER 2018 BALANCE **3,557,491.59**

Combined Summary - November 2018

Beginning Balance		3,507,256.13
Plus Operating Revenue		59,943.55
Less Operating and Poplar Springs Disbursements		(9,808.09)
Reconciling Item - Voided & Re-issued Check		100.00
TOTAL COMBINED BALANCE - NOVEMBER 2018		3,557,491.59

**Monthly Operations Report
Matlock Bend Landfill
December 11, 2018**

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



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

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

- 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 -
NOVEMBER 2018**

MATLOCK BEND LANDFILL

MONTH	2017	2018	2017 TO 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	14,586.45	12,353.95	(2,232.50)
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			0.00
TOTAL	173,507.40	148,847.21	(24,660.19)

**DAILY AVG FOR ANY
RUNNING 30 DAY
PERIOD** **416.29**

LOUDON COUNTY

MONTH	2017	2018	2017 TO 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	512.30	525.59	13.29
SEPTEMBER	482.19	456.20	(25.99)
OCTOBER	459.47	537.94	78.47
NOVEMBER	487.96	470.26	(17.70)
DECEMBER			0.00
TOTAL	5,462.54	5,475.90	13.36

**DAILY AVG FOR 22.5
DAY PERIOD** **555.05**

LENOIR CITY

MONTH	2017	2018	2017 TO 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			0.00
TOTAL	3,878.93	3,990.18	111.25

CITY OF LOUDON

MONTH	2017	2018	2017 TO 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			0.00
TOTAL	4,256.25	4,433.57	177.32

WASTE SERVICES OF TN

MONTH	2017	2018	2017 TO 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			0.00
TOTAL	28,629.82	29,139.68	509.86

TENNESSEE TRASH

MONTH	2017	2018	2017 TO 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			0.00
TOTAL	45,264.99	48,987.34	3,722.35

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

KIMBERLY CLARK - PAPER WASTE

MONTH	2017	2018	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			0.00
TOTAL	43,079.17	15,927.20	(27,151.97)

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

**CLASS I
FACILITY**

SITE matlock bend sn1530000203 Rf 72 Loudon County	DATE 20181116	TIME 10:45	WEATHER sunny 40s
	INSPECTOR PjMU		EFO KNOX

*SEE DISCLAIMER ON LAST PAGE

VIOLATION	REGULATION	OBSERVATION NVO AOC V1 V2
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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)S.(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						
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						
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 20.5"						

VIOLATION		REGULATION	OBSERVATION
			NVO ADC 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 type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS	Repairing leachate seeps on north slope		
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	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			
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			

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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	Ditches functioning well despite heavy rains					
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	Good job keeping cover despite near constant rain					
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						
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"/>	<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

20.5"

**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

Materials Classification Report
Matlock Bend Landfill
Monthly Tonnage Summary November 2018

Material	Tonnage	2015 Sludge %		2016 Sludge %	
MSW		January	2%	January	4%
		February	3%	February	3%
MSW	11,488	March	3%	March	4%
		April	1%	April	3%
Special Waste		May	2%	May	4%
		June	1%	June	2%
Other	388	July	5%	July	2%
		August	2%	August	3%
Ash	0	September	2%	September	2%
		October	2%	October	3%
Sludge	613	November	3%	November	3%
		December	5%	December	3%
Total Special Waste	1,001				
Total MSW & SW	12,488				
Tires	35	January	5%	January	4%
		February	8%	February	4%
		March	8%	March	5%
		April	7%	April	6%
Total Material	12,523	May	4%	May	8%
		June	2%	June	9%
		July	3%	July	6%
% MSW	92%	August	4%	August	4%
		September	7%	September	2%
% Special Waste	8%	October	8%	October	2%
		November	6%	November	5%
% Sludge	5%	December	5%	December	0%

2018 Loudon MSW and Special Waste Analysis

Material	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
MSW	9,932	9,544	10,669	11,093	12,059	11,312	11,669	12,113	10,679	11,900	11,488	0	122,458
Special Waste	5,926	4,321	5,110	4,054	1,218	1,406	685	1,553	463	651	1,001	0	26,388
Tires	27	35	20	44	35	52	43	48	36	57	35	0	432
Total	15,885	13,900	15,799	15,191	13,312	12,770	12,397	13,714	11,179	12,609	12,523	0	149,279
%													
MSW	63%	69%	68%	73%	91%	89%	94%	88%	96%	94%	92%		82%
Special Waste	37%	31%	32%	27%	9%	11%	6%	11%	4%	5%	8%		18%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%

**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	
Jan-19	
Feb-19	
Mar-19	
Apr-19	
May-19	
Jun-19	
Total (tons)	224.81

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)
		12,090		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	-	12,090	P	1.44	17,410	174,677
January '19	-	12,090	P	1.44	17,410	157,267
February	-	12,090	P	1.44	17,410	139,857
March	-	12,090	P	1.44	17,410	122,447
April	-	12,090	P	1.44	17,410	105,037
May	-	12,090	P	1.44	17,410	87,627
June	-	12,090	P	1.44	17,410	70,217
July	-	12,090	P	1.44	17,410	52,806
August	-	12,090	P	1.44	17,410	35,396
September	-	12,090	P	1.44	17,410	17,986
October	-	12,090	P	1.44	17,410	576
November	-	12,090	P	1.44	17,410	0
December	-	12,090	P	1.44	17,410	0

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

Full Date

November-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

September	11,173
October	12,609
November	12,489
Average	12,090

cc: Tim
Matt
Ben
Ron
Raymond
Jason
Mark



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

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

December 10, 2018

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 November 1, 2018 to November 30, 2018:

Host Fees (Greater of below) –	
Total Tip Fees Billed	\$282,271.48
Host Fee Percentage	<u>3.96%</u>
	\$ 11,177.95
Minimum Fee	<u>\$ 10,560.00</u>
Security Fees (Greater of below) –	
Total Tonnage Received	12,488.68
Rate per ton	\$ <u>1.00</u>
Total	\$ 12,488.68
Total Tip Fees Billed	\$282,271.48
Security Fee Percentage	<u>5.00%</u>
	<u>\$ 14,113.57</u>

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

Sincerely,

A handwritten signature in black ink, appearing to read "Mark C. Mathys", is written over a horizontal line.

Mark C. Mathys
Vice President of Finance & Corporate Controller

Do Nothing vs. Contract Extension

Do Nothing (2027)

Daily Waste Receipts (tpd)	500	600
Tonnage Beyond Existing Capacity	(246,318)	(462,318)
Net Liability @ \$1.00/ton	\$ (6,068,379)	\$ (6,367,836)
Additional Liner (acres)	2.85	5.39
Total Lined Area (acres)	43.45	45.99
Closed by Santek (acres)	0.00	0.00
Closed by LCSWDC (acres)	43.45	45.99

Contract Extension (2032)

Daily Waste Receipts (tpd)	500	600
Tonnage Beyond Existing Capacity	0	0
Net Accrual @ \$1.75/ton	\$489,865	\$923,910
Additional Liner (acres)	10.78	14.91
Total Lined Area (acres)	51.38	55.51
Closed by Santek (acres)	40.28	44.41
Closed by LCSWDC (acres)	11.1	11.1
Target Accrual	\$1,600,000	\$1,600,000

Notes:

- “Liability” includes both Closure and Post-closure Care Liability
- “Accrual” includes only Security Fee Accruals at 1% interest