

AGENDA
LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION
October 10, 2017
6:30 p.m.
LOUDON COUNTY COURTHOUSE ANNEX
Loudon, Tennessee

1. Opening of Meeting, Pledge of Allegiance, Invocation
2. Approval of Minutes – September 26, 2017
3. Items of Public Concern
4. Cash Activity Report
5. Operations Report
6. Auditor’s Contract RFP
7. Contract Modification Update
8. Poplar Springs Update
9. Attorney’s Report
10. Chairman’s Report
11. Other Items of Commission’s Consideration
12. Adjourn

Loudon County Department of Accounts and Budgets
Solid Waste Disposal Fund 207
Monthly Cash Report
September 2017

August 2017 Combined Ending Cash Balance per Monthly Report		3,440,669.68
Adjustments:		
	0.00	
	0.00	
Total Adjustments		0.00
Adjusted August 2017 Combined Ending Balance per Loudon Co Trustee		3,440,669.68

Solid Waste Disposal Commission Operating Fund

Operating Fund Ending Balance August 2017		3,241,946.59
Cash Receipts:		
Trustee's Collections - Prior Year	0	
Surcharge - Host Fees (August 2017)	13,225.59	
Surcharge - Security Fees (August 2017)	16,531.99	
Investment Income	860.37	
Total Monthly Revenue		30,617.95
Cash Disbursements:		
Board & Committee Members Fees	(350.00)	
Social Security	(3.10)	
Medicare	(0.72)	
Audit Services (Mitchell Emert & Hill)	0.00	
Contracts with Private Agencies (Santek)	0.00	
Engineering Services (Santek)	0.00	
Consultants (Geosyntec)	(8,771.41)	
Legal Services (July & August 2017)	(5,000.00)	
Legal Notices	(79.50)	
Other Contracted Services (Mowing)	0.00	
Water/Sewer (Loudon Utilities)	(3,750.00)	
Building & Content Insurance	0.00	
In-Service/Staff Development	0.00	
Trustee's Commission	(132.26)	
Total Cash Disbursements		(18,086.99)
Expenditure Credit:		
Trustee Commission Adjustment		0.00
<u>Operating Fund Ending Balance September 2017</u>		3,254,477.55

Poplar Springs Subfund

Poplar Springs Subfund Balance August 2017		198,723.09
Cash Receipts:		
	0.00	
Total Monthly Revenue		0.00
Cash Disbursements:		
Legal Services	0.00	
Total Cash Disbursements		0.00
<u>Poplar Springs Subfund Balance September 2017</u>		198,723.09

TOTAL COMBINED OPERATING AND POPLAR SPRINGS SEPTEMBER 2017 BALANCE **3,453,200.64**

Combined Summary - September 2017

Beginning Balance		3,440,669.68
Plus Operating Revenue		30,617.95
Less Operating and Poplar Springs Disbursements		(18,086.99)
TOTAL COMBINED BALANCE - SEPTEMBER 2017		3,453,200.64

**Monthly Operations Report
Matlock Bend Landfill
October 10, 2017**

**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 -
September 2017**

MATLOCK BEND LANDFILL

MONTH	2016	2017	2016 TO 2016
JANUARY	13,035.08	15,336.42	2,301.34
FEBRUARY	13,619.92	14,991.58	1,371.66
MARCH	15,803.85	16,055.37	251.52
APRIL	14,569.65	14,472.05	(97.60)
MAY	14,994.10	16,123.28	1,129.18
JUNE	14,159.65	15,653.83	1,494.18
JULY	14,517.67	14,583.45	65.78
AUGUST	16,139.18	15,865.64	(273.54)
SEPTEMBER	15,761.01	16,560.64	799.63
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	132,600.11	139,642.26	7,042.15

**DAILY AVG FOR ANY
RUNNING 30 DAY
PERIOD** **552.03**

LOUDON COUNTY

MONTH	2016	2017	2016 TO 2016
JANUARY	412.09	477.16	65.07
FEBRUARY	444.62	424.98	(19.64)
MARCH	513.60	498.94	(14.66)
APRIL	465.42	507.83	42.41
MAY	466.86	549.58	82.72
JUNE	493.13	519.50	26.37
JULY	501.33	542.63	41.30
AUGUST	495.64	512.30	16.66
SEPTEMBER	440.52	482.19	41.67
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	4,233.21	4,515.11	281.90

**DAILY AVG FOR 22.5
DAY PERIOD** **736.03**

LENOIR CITY

MONTH	2016	2017	2016 TO 2016
JANUARY	260.26	320.21	59.95
FEBRUARY	296.65	280.52	(16.13)
MARCH	385.43	375.49	(9.94)
APRIL	342.75	345.90	3.15
MAY	343.73	385.74	42.01
JUNE	353.55	361.60	8.05
JULY	355.51	368.18	12.67
AUGUST	374.84	405.09	30.25
SEPTEMBER	315.59	351.66	36.07
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	3,028.31	3,194.39	166.08

CITY OF LOUDON

MONTH	2016	2017	2016 TO 2016
JANUARY	312.87	374.21	61.34
FEBRUARY	346.21	316.79	(29.42)
MARCH	416.82	407.26	(9.56)
APRIL	366.91	368.89	1.98
MAY	383.35	446.12	62.77
JUNE	427.97	404.84	(23.13)
JULY	403.03	399.49	(3.54)
AUGUST	432.17	398.67	(33.50)
SEPTEMBER	373.37	378.74	5.37
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	3,462.70	3,495.01	32.31

WASTE SERVICES OF TN

MONTH	2016	2017	2016 TO 2016
JANUARY	1,835.75	2,573.63	737.88
FEBRUARY	2,031.60	2,358.39	326.79
MARCH	2,387.63	2,521.29	133.66
APRIL	2,329.74	2,350.38	20.64
MAY	2,347.21	2,737.26	390.05
JUNE	2,406.60	2,769.33	362.73
JULY	2,438.41	2,558.48	120.07
AUGUST	2,673.71	2,759.94	86.23
SEPTEMBER	2,410.12	2,617.34	207.22
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	20,860.77	23,246.04	2,385.27

TENNESSEE TRASH

MONTH	2016	2017	2016 TO 2016
JANUARY	2,152.03	3,735.96	1,583.93
FEBRUARY	2,264.75	3,572.92	1,308.17
MARCH	2,824.58	3,906.62	1,082.04
APRIL	2,841.02	3,800.78	959.76
MAY	2,927.00	4,370.78	1,443.78
JUNE	2,955.40	4,485.85	1,530.45
JULY	3,286.37	3,911.99	625.62
AUGUST	4,086.78	4,476.93	390.15
SEPTEMBER	4,104.61	4,048.58	(56.03)
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	27,442.54	36,310.41	8,867.87

LANDFILL TONNAGE VOLUME
MONTH ENDING -
September 2017

KIMBERLY CLARK - PAPER WASTE

MONTH	2016	2017	2016 TO 2016
JANUARY	4,649.89	4,389.45	(260.44)
FEBRUARY	4,671.47	4,197.85	(473.62)
MARCH	5,141.91	3,834.53	(1,307.38)
APRIL	4,797.68	3,145.34	(1,652.34)
MAY	4,941.64	3,846.17	(1,095.47)
JUNE	4,254.76	3,682.06	(572.70)
JULY	4,137.17	3,592.35	(544.82)
AUGUST	4,418.74	3,422.54	(996.20)
SEPTEMBER	5,124.10	4,366.81	(757.29)
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	42,137.36	34,477.10	(7,660.26)

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

**CLASS I
LANDFILL**

SITE		Check Site for Enforcement	DATE	TIME	WEATHER	
Loudon County/Matlock SNL 53-0203 HWY 72 Loudon			20171005	14:30	85 deg F	
INSPECTOR				EFO		
Paula Plont				EFO		
*SEE DISCLAIMER ON LAST PAGE						
VIOLATION		REGULATION	OBSERVATION		COMMENTS	
			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"/>
## 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"/>
						gather/provide leachate generation numbers last year – tank today observed at 4 feet depth
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"/>
5 COMMUNICATIONS						
8130	NO COMMUNICATION DEVICES	0400-11-01-.04(2)(f) ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7 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"/>
## 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"/>
9 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"/>
						water truck observed moving
## 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"/>	<input type="checkbox"/>
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"/>
2 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"/>

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VIOLATION	REGULATION	OBSERVATION				COMMENTS		
		NVO	AOC	V1	V2			
FIRE SAFETY								
8090	INADEQUATE FIRE PROTECTION	0400-11-01-.04(2)(c)2	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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"/>	
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"/>	
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"/>	
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"/>	
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"/>	
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"/>	<input type="checkbox"/>	
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"/>	<input type="checkbox"/>	
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"/>	<input type="checkbox"/>	total of 4 certified operators
8070	UNAPPROVED SALVAGING OF WASTE	0400-11-01-.04(2)(b)6	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
LITTER CONTROL								
8110	UNSATISFACTORY LITTER CONTROL	0400-11-01-.04(2)(d)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OPERATING EQUIPMENT								
8140	INADEQUATE OPERATING EQUIPMENT	0400-11-01-.04(2)(g)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8150	UNAVAILABILITY OF BACKUP EQUIPMENT	0400-11-01-.04(2)(g)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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VIOLATION	REGULATION	OBSERVATION				COMMENTS	
		NVO	AOC	V1	V2		
## 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"/>	<input type="checkbox"/>	
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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2 risers observed 19 & 21 inches -good, 1 exit pipe is gravity from older cells come up with measurement means to show depth in that cell A/C - progress onging site pulled engineer and have begun options
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"/>	couple wet spots couple locations not flow- place plastic located on map
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"/>	
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"/>	
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"/>	
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"/>	
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"/>	
## 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"/>	bm easily observed and marked with sign
4 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"/>	
## 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"/>	
## 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"/>	
## RECORDS OF ORIGIN AND AMOUNT OF SOLID WASTE							

*SEE DISCLAIMER ON LAST PAGE

VIOLATION	REGULATION	OBSERVATION				COMMENTS	
		NVO	AOC	V1	V2		
## 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"/>	
8 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"/>	go ahead and remove limited vegetation from rock circle- additional item (circle) enhances water quality with active aerator
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"/>	compost spread to grow grass and matt placed - good
## 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"/>	
## 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"/>	slopes look fine- phone app showed 27 deg one slope and dozer showed 33 deg next to current H cell
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"/>	
VACANT							
8260	VACANT	vacant	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8550	VACANT	vacant	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8560	VACANT	vacant	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
## 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"/>	
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"/>	mixing per permit observed
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"/>	

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VIOLATION	REGULATION	OBSERVATION				COMMENTS		
		NVO	AOC	V1	V2			
WASTE HANDLING AND COVER STANDARDS								
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"/>	
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"/>	flagging observed slope under intermediate cover dug into for leachate seep repair this week - more cover needed to not see flagging
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"/>	<input type="checkbox"/>	closed area newly cut
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"/>	drop pipes placed and now anchored and some mushroom compost spread seed going down to improve vegetation
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"/>	
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"/>	
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"/>	
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"/>	

*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.

Sump and Tank Level Readings

tank at only 4 feet of total 25 feet--blue is 100,000 gallons -green concrete are 10,000 gallons each risers at only 21 & 19 inches in sump. Site is working to gather method to show depth in gravity cells A & C

Additional Comments

1 crack observed near the new diversion berm in curve - no issue today just noting

Materials Classification Report
Matlock Bend Landfill
Monthly Tonnage Summary September 2017

Material	Tonnage	2015 Sludge %		2016 Sludge %	
MSW					
MSW	<u>10,753</u>	January	2%	January	4%
		February	3%	February	3%
		March	3%	March	4%
		April	1%	April	3%
		May	2%	May	4%
		June	1%	June	2%
		July	5%	July	2%
		August	2%	August	3%
		September	2%	September	2%
		October	2%	October	3%
		November	3%	November	3%
		December	5%	December	3%
Special Waste					
Other	4,607				
Ash	0				
Sludge	<u>1,202</u>				
Total Special Waste	<u><u>5,808</u></u>				
Total MSW & SW	16,561				
Tires	31				
Total Material	<u><u>16,591</u></u>				
% MSW	<u>65%</u>				
% Special Waste	<u>35%</u>				
% Sludge	<u>7%</u>				

2017 Sludge %	
January	5%
February	8%
March	8%
April	7%
May	4%
June	2%
July	3%
August	4%
September	7%
October	0%
November	0%
December	0%

2017 Loudon MSW and Special Waste Analysis

Material	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
MSW	9,960	9,455	10,622	10,093	11,432	11,165	10,369	11,487	10,753				95,336
Special Waste	5,376	5,537	5,433	4,379	4,692	4,488	4,214	4,378	5,808				44,306
Tires	28	25	33	33	24	45	38	59	31				316
Total	15,365	15,017	16,088	14,505	16,148	15,699	14,621	15,925	16,592	0	0	0	139,959
%													
MSW	65%	63%	66%	70%	71%	71%	71%	72%	65%	0%	0%	0%	68%
Special Waste	35%	37%	34%	30%	29%	29%	29%	27%	35%	0%	0%	0%	32%
Total	100%	0%	0%	0%	100%								

**2017-2018 Matlock Bend
Landfill Tire Report**

Month	Tonnage
Jul-17	47.28
Aug-17	54.96
Sep-17	39.52
Oct-17	
Nov-17	
Dec-17	
Jan-18	
Feb-18	
Mar-18	
Apr-18	
May-18	
Jun-18	
Total (tons)	141.76

Matlock Bend Landfill - Module I-A 2017 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)
		15,671		1.07		
Sept. 15, 2016	517,724	-	-	-	-	-
Sept. 16 - 30, 2016	-	2,301	A	1.07	2,462	515,262
October	-	16,097	A	1.07	17,224	498,038
November	-	16,532	A	1.07	17,689	480,348
December	-	15,079	A	1.07	16,134	464,214
January '17	-	15,172	A	1.07	16,234	447,980
February	-	14,970	A	1.07	16,018	431,962
March	-	16,055	A	1.07	17,179	414,783
April	-	14,472	A	1.07	15,485	399,297
May	-	16,123	A	1.07	17,252	382,046
June	-	15,048	A	1.07	16,101	365,944
July	-	14,585	A	1.07	15,606	350,339
August	-	15,865	A	1.07	16,976	333,363
September	-	16,562	A	1.07	17,721	315,642
October	-	15,671	P	1.07	16,768	298,874
November	-	15,671	P	1.07	16,768	282,106
December	-	15,671	P	1.07	16,768	265,339

¹ = Remaining airspace based on September 15, 2016 aerial survey.

Full Date

April-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 = 1.24 cy/ton)

Tonnage for Past 3 Months

July	14,585
August	15,865
September	16,562
Average	15,671

cc: Tim
Matt
Cheryl
Ron
Chris
Raymond
Jason
Mark

SANTEK



Waste Services

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

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

October 9, 2017

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 September 1, 2017 to September 30, 2017:

Host Fees (Greater of below) –	
Total Tip Fees Billed	\$344,913.64
Host Fee Percentage	4.00%
	<u>\$ 13,796.55</u>
Minimum Fee	<u>\$ 10,652.00</u>
Security Fees (Greater of below) –	
Total Tonnage Received	16,560.64
Rate per ton	\$ 1.00
Total	<u>\$ 16,560.64</u>
Total Tip Fees Billed	\$344,913.64
Security Fee Percentage	5.00%
	<u>\$ 17,245.68</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,

Mark Mathys
Corporate Controller

October 4, 2017

Steve Field, Chairman
Board of Commissioners
Loudon County Solid Waste Disposal Commission
100 River Road, Suite 106
Loudon, TN 37774

We are pleased to confirm our understanding of the services we are to provide Loudon County Solid Waste Disposal Commission for the year ended June 30, 2017.

We will audit the statement of net position of Loudon County Solid Waste Disposal Commissions as of June 30, 2017 and the related statement of revenue, expenses and changes in net position and statement of cash flows for the year then ended, including the related notes to the financial statements. Accounting standards generally accepted in the United States of America provide for certain required supplementary information (RSI), such as management's discussion and analysis (MD&A), to supplement Loudon County Solid Waste Disposal Commission's basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic and historical context. As part of our engagement, we will apply certain limited procedures to Loudon County Solid Waste Disposal Commission's RSI in accordance with auditing standards generally accepted in the United States of America. These limited procedures will consist of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we will obtain during our audit of the basic financial statements. We will not express an opinion or provide any assurance on the information because the limited procedures will not provide us with sufficient evidence to express an opinion or provide any assurance. The following RSI is required by generally accepted accounting principles and will be subjected to certain limited procedures but will not be audited:

I. Management's discussion and analysis.

Any additional supplementary information accompanying the financial statements will not be subjected to the auditing procedures applied in our audit of the basic financial statements. Our auditors' report will not provide an opinion or any assurance on this additional supplementary information.

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Steve Field, Chairman
Board of Commissioners
Loudon County Solid Waste Disposal Commission
October 4, 2017

Audit Objectives

The objective of our audit is the expression of an opinion as to whether the basic financial statements are fairly presented, in all material respects, in conformity with U.S. generally accepted accounting principles and to report on the fairness of the supplementary information referred to in the second paragraph when considered in relation to the financial statements taken as a whole. Our audit will be conducted in accordance with auditing standards generally accepted in the United States of America and the standards for financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States of America, and will include tests of the accounting records and other procedures we consider necessary to enable us to express such opinions. We cannot provide assurance that unmodified opinions will be expressed. Circumstances may arise in which it is necessary for us to modify our opinions or add emphasis-of-matter or other-matter paragraphs. If our opinions on the financial statements are other than unmodified, we will discuss the reasons with you in advance. If, for any reason, we are unable to complete the audit or are unable to form or have not formed opinions, we may decline to express opinions or to issue reports, or may withdraw from this engagement.

We will also provide a report (that does not include an opinion) on internal control related to the financial statements and compliance with provisions with laws, regulations, contracts, and grant agreements, noncompliance with which could have a material effect on the financial statements as required by *Government Auditing Standards*. The report on internal control and compliance and other matters will include a paragraph that states that the purpose of the report is solely to describe the scope of testing of internal control over financial reporting and compliance, and the result of that testing, and not to provide an opinion on the effectiveness of internal control over financial reporting or on compliance and that the report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering internal control over financial reporting and compliance. The paragraph will also state that the report is not suitable for any other purpose. If during our audit we become aware that Loudon County Solid Waste Disposal Commission is subject to an audit requirement not encompassed in the terms of this engagement, we will communicate to management and those charged with governance that an audit in accordance with generally accepted auditing standards established by the Auditing Standards Board (United States) and the standards for financial audits contained in *Government Auditing Standards* may not satisfy the relevant legal, regulatory, or contractual requirements.

Audit Procedures – General

An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements; therefore, our audit will involve judgment about the number of transactions to be examined and the areas to be tested. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements. We will plan and perform the audit to obtain reasonable rather than absolute assurance about whether the financial statements are free of material misstatement, whether from (1) errors, (2) fraudulent financial reporting, (3) misappropriation of assets, or (4) violations of laws or governmental regulations that are attributable to Loudon County Solid Waste Disposal Commission or to acts by management or employees acting on behalf of Loudon County Solid Waste Disposal Commission. Because the determination of abuse is subjective, *Government Auditing Standards* does not expect auditors to provide reasonable assurance of detecting abuse.

Because of the inherent limitations of an audit, combined with the inherent limitations of internal control, and because we will not perform a detailed examination of all transactions, there is a risk that material misstatements may exist and not be detected by us, even though the audit is properly planned and performed in accordance with U.S. generally accepted auditing standards and *Government Auditing Standards*. In addition, an audit is not designed to detect immaterial misstatements or violations of laws or governmental regulations that do not have a direct and material effect on the financial statements. However, we will inform the appropriate level of management of any material errors and any fraudulent financial reporting or misappropriation of assets that come to our attention. We will also inform the appropriate level of management of any violations of laws or governmental regulations that come to our attention, unless clearly inconsequential. Our responsibility as auditors is limited to the period covered by our audit and does not extend to later periods for which we are not engaged as auditors.

Our procedures will include tests of documentary evidence supporting the transactions recorded in the accounts and may include tests of the physical existence of inventories, if applicable, and direct confirmation of receivables and certain other assets and liabilities by correspondence with selected individuals, funding sources, creditors, and financial institutions. We will request written representations from your attorneys as part of the engagement, and they may bill you for responding to this inquiry. At the conclusion of our audit, we will also require certain written representations from you about your responsibilities for the financial statements; compliance with laws, regulations, contracts, and grant agreements; and other responsibilities required by generally accepted auditing standards.

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Steve Field, Chairman
Board of Commissioners
Loudon County Solid Waste Disposal Commission
October 4, 2017

Audit Procedures – Internal Controls

Our audit will include obtaining an understanding of Loudon County Solid Waste Disposal Commission and its environment, including internal control, sufficient to assess the risk of material misstatements of the financial statements and to design the nature, timing and extent of further audit procedures. Tests of controls may be performed to test the effectiveness of certain controls that we consider relevant to preventing and detecting misstatements resulting from illegal acts and other noncompliance matters that have a direct and material effect on the financial statements. Our tests, if performed, will be less in scope than would be necessary to render an opinion on internal control and, accordingly, no opinion will be expressed in our report on internal control issued pursuant to *Government Auditing Standards*.

An audit is not designed to provide assurance on internal control or to identify deficiencies in internal control. However, during the audit, we will communicate to management and those charged with governance internal control related matters that are required to be communicated under professional standards and *Government Auditing Standards*.

Audit Procedures – Compliance

As part of obtaining reasonable assurance about whether the financial statements are free of material misstatement, we will perform tests of Loudon County Solid Waste Disposal Commission's compliance with the provisions of applicable laws, regulations, contracts, and agreements. However, the objective of our audit will not be to provide an opinion on overall compliance and we will not express such an opinion in our report on compliance issued pursuant to *Government Auditing Standards*.

Management Responsibilities

Management is responsible for the basic financial statements and all accompanying information as well as all representations contained therein. As part of the audit, we will assist with preparation of your financial statements and related notes. You will be required to acknowledge in the management representation letter our assistance with preparation of the financial statements and that you have reviewed and approved the financial statements and related notes prior to their issuance and have accepted responsibility for them.

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Steve Field, Chairman
Board of Commissioners
Loudon County Solid Waste Disposal Commission
October 4, 2017

Management is responsible for establishing and maintaining effective internal controls, including evaluating and monitoring ongoing activities, to help ensure that appropriate goals are met; following laws and regulations; and ensuring that management and financial information is reliable and properly reported. Management is also responsible for implementing systems designed to achieve compliance with applicable laws, regulations, contracts, and grant agreements. You are also responsible for the selection and application of accounting principles, for the preparation and fair presentation of the financial statements and all accompanying information in conformity with U.S. generally accepted accounting principles, and for compliance with applicable laws and regulations and the provisions of contracts and grant agreements.

Management is also responsible for making all financial records and related information available to us and for the accuracy and completeness of that information. You are also responsible for providing us with access to all information of which you are aware that is relevant to the preparation and fair presentation of the financial statements; additional information that we may request for the purpose of the audit; and unrestricted access to persons with the government from whom we determine it necessary to obtain audit evidence.

Your responsibilities include adjusting the financial statements to correct material misstatements and for confirming to us in the written representation letter that the effects of any uncorrected misstatements aggregated by us during the current engagement and pertaining to the latest period presented are immaterial, both individually and in the aggregate, to the financial statements taken as a whole.

You are responsible for the design and implementation of programs and controls to prevent and detect fraud, and for informing us about all known or suspected fraud affecting the government involving: (1) management, (2) employees who have significant roles in internal control, and (3) others where the fraud could have a material effect on the financial statements. Your responsibilities include informing us of your knowledge of any allegations of fraud or suspected fraud affecting the government received in communications from employees, former employees, grantors, regulators, or others. In addition, you are responsible for identifying and ensuring that Loudon County Solid Waste Disposal Commission complies with applicable laws, regulations, contracts, agreements, and grants for taking timely and appropriate steps to remedy any fraud, violations of contracts or grant agreements, or abuse that we may report.

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Steve Field, Chairman

Board of Commissioners

Loudon County Solid Waste Disposal Commission

October 4, 2017

You are responsible for the preparation of the supplementary information. You agree to include our report on the supplementary information in any document that contains and indicates that we have reported on the supplementary information. You also agree to include the audited financial statements with any presentation of the supplementary information that includes our report thereon. Your responsibilities include acknowledging to us in the written representation letter that (1) you are responsible for presentation of the supplementary information; (2) that you believe the supplementary information, including its form and content, is fairly presented; (3) that the methods of measurement or presentation have not changed from those used in the prior period (or, if they have changed, the reasons for such changes); and (4) you have disclosed to us any significant assumptions or interpretations underlying the measurement or presentation of the supplementary information.

Management is responsible for establishing and maintaining a process to track the status of audit findings and recommendations. Management is also responsible for identifying for us previous financial audits, attestation engagements, performance audits, or other studies related to the objectives discussed in the Audit Objectives section of this letter. This responsibility includes relaying to us corrective actions taken to address significant findings and recommendations resulting from those audits, attestation engagements, performance audits, or other engagements or studies. You are also responsible for providing management's views on our current findings, conclusions, and recommendations, as well as your planned corrective actions, for the report, and the timing and format for providing that information.

You agree to assume all management responsibilities relating to the financial statements and related notes and any other nonaudit services we provide. You will be required to acknowledge in the management representation letter our assistance with preparation of the financial statements and related notes and that you have reviewed and approved the financial statements and related notes prior to their issuance and have accepted responsibility for them. Further, you agree to oversee the nonaudit services by designating an individual, preferably from senior management, with suitable skill, knowledge, or experience; evaluate the adequacy and results of those services; and accept responsibility for them.

Engagement Administration, Fees, and Other

We will provide copies of our reports to Loudon County Solid Waste Disposal Commission and the Tennessee Comptroller of the Treasury; however, management is responsible for distribution of the reports and the financial statements. Unless restricted by law or regulation, or containing privileged and confidential information, copies of our reports are to be made available for public inspection.

We understand that you intend to distribute copies of the financial statements, with our audit report attached, to the Board of Commissioners of Loudon County Solid Waste Disposal Commission. If you intend to publish or otherwise reproduce the financial statements and make reference to our firm, you agree to provide us with printers' proofs or masters for our review and approval before printing.

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Steve Field, Chairman

Board of Commissioners

Loudon County Solid Waste Disposal Commission

October 4, 2017

The audit documentation for this engagement is the property of Mitchell Emert & Hill, P.C., and constitutes confidential information. However, pursuant to authority given by law or regulation, we may be requested to make certain audit documentation available to the Comptroller of the Treasury or his representatives, agents and legal counsel, a federal agency providing direct or indirect funding, or the U.S. Government Accountability Office for purposes of a quality review of the audit, to resolve audit findings, or to carry out oversight responsibilities. We will notify you of any such request. If requested, access to such audit documentation will be provided under the supervision of Mitchell Emert & Hill, P.C. personnel. Furthermore, upon request, we may provide copies of selected audit documentation to the aforementioned parties. These parties may intend, or decide, to distribute the copies or information contained therein to others, including other governmental agencies.

Parties to this engagement agree that any dispute that may arise regarding the meaning, performance, or enforcement of this engagement will, prior to resorting to litigation, be submitted to mediation upon the written request of any party to the engagement. All mediation initiated as a result of this engagement shall be administered by the American Arbitration Association (AAA) and in accordance with the "Mediation Rules for Professional Accounting and Related Disputes" as then adopted by the AAA. The results of this mediation shall be binding only upon agreement of each party to be bound. Costs of any mediation proceedings shall be shared equally by both parties.

As a result of our services to you, we may be required or requested to provide information or documents to you or a third-party in connection with a legal or administrative proceeding (including a grand jury investigation) in which we are not a party. If this occurs, our efforts in complying with such requests or demands will be deemed a part of this engagement and we shall be entitled to compensation for our time and reimbursement for our reasonable out-of-pocket expenditures (including legal fees) in complying with such requests or demands, and will render additional invoices for the time and expenses incurred. This is not intended, however, to relieve us of our duty to observe the confidentiality requirements of our profession.

Our fee for these services will be \$7,975. Our invoices will be rendered as work progresses and are payable upon presentation. Should Loudon County Solid Waste Disposal Commission expend more than \$750,000 of federal funds during the year, the fee will increase by \$1,500 for the additional work required to have the audit comply with the requirements of Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance). This fee is based on anticipated cooperation from your personnel and the assumption that unexpected circumstances will not be encountered during the audit. If significant additional time is necessary, we will discuss it with you and arrive at a new fee estimate before we incur the additional costs. Amounts not paid within 30 days from the invoice date will be subject to a late payment charge of 1.5% per month (18% per year). If for any reason the account is turned over to an attorney for collection, an additional charge of 33.33% will be added to cover collection costs.

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Steve Field, Chairman
Board of Commissioners
Loudon County Solid Waste Disposal Commission
October 4, 2017

We appreciate the opportunity to be of service to Loudon County. We believe this letter accurately summarizes the significance of our engagement. If you have any questions, please let us know. If you agree with the terms of our engagement, please sign below.

Waste Disposal Commission and
engagement. If you have any
engagement as described in this letter,

Best regards,

MITCHELL EMERT & HILL, P.C.



Richard W. Hill, CPA
Director

RESPONSE:

This letter correctly sets forth the understanding of Loudon County and Waste Disposal Commission.

Signature: _____

Title: _____

Loudon County Solid Waste Disposal Commission
Proposed Contract Modification Strategy
October 2017

The following presents proposed revised contract terms and strategies for your consideration in the contract modification between the Loudon County Solid Waste Disposal Commission (LCSWDC) and Santek Environmental (Santek) regarding the Matlock Bend Landfill.

- **Contract Extension:** The current contract between LCSWDC and Santek will be extended approximately 5 years and will terminate on 30 June 2032.
- **Maximum Permitted Elevation:** Santek will submit Major Permit Modification to TDEC to reflect a lateral expansion of approximately 26.6 acres (i.e., revised footprint of 67.2 acres) and a maximum permitted elevation as shown in Santek drawings of 1,125 ft. msl.
- **Maximum Constructed Elevation:** Santek will develop a cell construction and grading plan similar to that prepared by Santek and shown in attached Santek drawing titled "*REMAINING EXP THRU MOD 4 (1084)_CAD.pdf*" that achieves a maximum constructed elevation of 1,093 ft. msl.
- **Constructed Footprint:** Santek will modify the proposed constructed footprint shown on the attached Santek drawing titled "*MOD 4 VOL – partial closure_Santek.pdf*" to the footprint shown in the attached Geosyntec drawing titled "*Conceptual Closure Layout_Rev 1.pdf*." This will leave approximately 14.5 acres of permitted landfill footprint that will not be constructed.
- **Closure Schedule:** Santek will develop and present a phased closure schedule that includes a strategy and commitment to have Santek close at its cost approximately 10 to 11 acres every five years for a total of approximately 41.6 acres as shown on the previously referenced Geosyntec drawing titled "*Conceptual Closure Layout_Rev 1.pdf*." Following this strategy, at the end of the proposed contract extension, LCSWDC will only be responsible for the cost to close approximately 11.1 acres.
- **Post-closure of Phase I:** Santek will maintain financial and compliance responsibility for providing post-closure care to the Phase I portion of the landfill (estimated to be completed in 2029).
- **Host Fee:** Santek will initially provide to LCSWD a Host Fee of \$1.00/ton each month that will be used and maintained by LCSWDC at its discretion for LCSWDC operations. The Host Fee will be increased annually to reflect the current CPI.
- **Security Fee for LCSWDC for C/PCC Liability^(1,2):** Santek will provide to LCSWD a Security Fee each month to address the LCSWDC closure and post-closure care (C/PCC) liabilities that it will assume at the end of the proposed contract extension. Santek will develop and provide to LCSWDC the estimated Security Fee as a part of its proposal (see note below). This Security Fee plus the current accrued C/PCC funds currently maintained by LCSWDC (estimated to be approximately \$1,654,926) will be invested in a two-year Treasury Bill as a restricted fund exclusively for LCSWDC's C/PCC responsibilities.
- **Annual Review and Security Fee Adjustment:** LCSWD and Santek will agree to an analysis methodology captured in a spreadsheet that will be used to calculate and adjust on an annual basis the Security Fee based on the current accrued value of the Security Fee held in the restricted account, the annual rate of inflation used and presented by TDEC, and updated C/PCC costs (if any) estimated by TDEC. The estimated C/PCC costs may be revised by Santek, but must be agreed by LCSWDC.

Note 1: The Security Fee requested by LCSWDC shall be such that the following two criteria are achieved: (i) net liability for C/PCC costs will be reduced to \$_____ by the end of the current contract in 2027; and (ii) there will be an accrual of approximately \$_____ at the end of the extended contract in 2032 to allow LCSWDC sufficient funds to operate the landfill after the contract extension date in 2032.

Note 2: The spreadsheet provided by Geosyntec to predict accruals, expenses, and Security Fee for C/PCC incorporates the following assumptions: (i) proposed closure schedule included in this proposal; (ii) annual interest rate of 1%; (iii) annual inflation rate of 2%; (iv) estimated closure costs of \$126,416/acre (2016); and (v) estimated post-closure costs of \$46,947/acre (2016). During an annual review, the projected interest rate and inflation rate will consider a five-year duration rolling average based on government (interest) and TDEC (inflation) rates. The Security Fee will be increased annually to reflect the current CPI.

Assessment of
Accruals and
Security Fee

Matlock Bend
Landfill

October 2017

