

AGENDA
LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION
September 26, 2017
6:30 p.m.
LOUDON COUNTY COURTHOUSE ANNEX
Loudon, Tennessee

1. Opening of Meeting, Pledge of Allegiance, Invocation
2. Approval of Minutes – August 8, 2017
3. Items of Public Concern
4. Cash Activity Report
5. Operations Report
6. Auditor’s Contract Proposal
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

Minutes
Loudon County Solid Waste Disposal Commission
August 8, 2017

The Loudon County Solid Waste Disposal Commission (Commission) met on August 8, 2017 at 6:30 p.m. at the Loudon County Office Building. The Commission was represented by Steve Field, Larry Jameson, Art Stewart, Kelly Littleton-Brewster and Bruce Hamilton. Other attendees included Attorney Kevin Stevens; Dr. Bob Bachus with Geosyntec; Santek representatives Raymond Givens and Cheryl Dunson; and residents Aileen Longmire, Pat Hunter and Rich Anklin.

Mr. Field called the meeting to order at 6:30 p.m.

Mr. Jameson led the Commission in the Pledge of Allegiance and the invocation.

MOTION: Mr. Stewart made a motion to approve the minutes of July 11, 2017. Ms. Littleton-Brewster seconded the motion. The minutes were approved unanimously.

During Items of Public Concern, Mr. Anklin asked if this agenda item could be moved to later in the meeting in the event he had questions about other subsequent agenda items. Mr. Field told Mr. Anklin he would be free to ask questions throughout the meeting.

Ms. Hunter asked if the major modification for the Matlock Bend Landfill currently under review by the Tennessee Department of Environment and Conservation (TDEC) will include a closure plan or will it be a separate permit issue. Mr. Field said the permit modification will include a closure plan. Ms. Hunter then asked if the plan would be modified in the event the landfill doesn't reach final elevation. Mr. Field said the Commission will have to decide whether to put the requested lower elevation in the permit or make it a contractual requirement with Santek. Ms. Hunter asked if the Commission intends to discuss the Santek proposal with the stakeholders before it votes on it. Mr. Field said he intends for all of the stakeholders to understand the final proposal and concur with the contract modification. Ms. Hunter then thanked Ms. Littleton-Brewster for her presentation to the Loudon County Commission about expenses related to the Poplar Springs Landfill August 7th. Ms. Hunter added she's concerned about the county commission's request to the Commission to be reimbursed \$88,000 for expenses attributable to the county attorney's work on the landfill.

Ms. Dunson presented the Cash Activity Report for July 2017.

During Santek's operations report, Mr. Jameson asked why Santek uses a 30-day running average to compute daily tonnage. Ms. Dunson replied that it relates to the how the tonnage cap was negotiated in the 2007 landfill management agreement. Mr. Jameson asked if Santek could include a 22.5-day tonnage average on the tonnage matrices. Ms. Dunson said she would add the calculation to future reports.

Dr. Bachus presented a Review and Analysis of Santek's Proposal to Modify the Contract in an in-depth PowerPoint presentation. He summarized his presentation to the Commission on July 11, 2017 and discussed the results of his meeting with Santek representatives on July 28, 2017. He stated that he and Santek EVP of Engineering Ron Vail generally agreed on how the proposed closure/post-closure (C/PC) figure is calculated. Dr. Bachus also presented feedback from Commission following his July 11th presentation regarding assumptions used for assessing and managing C/PC liability. Those findings included an interest rate of 1% to 1.25% instead of 1.6%; increasing the security fee up to \$2.75 per ton with periodic reviews and re-evaluations; increasing the host fee; and requiring a more aggressive phased closure plan with a specific closure schedule.

Mr. Jameson asked Dr. Bachus if the landfill doesn't reach final permitted elevation, but is closed, does TDEC consider the landfill closed. Dr. Bachus said it does.

Dr. Bachus went into detail about the importance of the Airspace Utilization Factor and the impact of inflation on the security fee. He then made some preliminary recommendations which included:

- Performing a financial assessment using an interest rate of 1% and inflation rate of 2% to establish a security fee that will reduce calculated liability to \$0 at the end of the contract extension
- Developing an alternative grading plan and closure schedule resulting in the Commission having less than 10 acres to close in 2032.
- Performing annual reviews and adjustments of the security fee
- Imposing a penalty for non-compliance with a closure schedule
- Establishing 2027 as the target date for the Commission to make a decision on whether it remains in the landfill business.

Dr. Bachus also presented an alternative design on the landfill's expansion and said he was waiting to get Mr. Vail's thoughts on Dr. Bachus' idea. Going forward, Dr. Bachus requested that the Commission send any further questions, concerns or suggestions to Mr. Stevens so the Commission can develop a counterproposal for Santek to review. Mr. Field asked Dr. Bachus to keep him and Mr. Stevens informed on his discussions with Santek so the Commission can begin deliberating on the counterproposal.

Ms. Longmire said she was opposed to extending Santek's contract an additional five years and suggested the LCSWDC should stay with the original contract.

Ms. Littleton-Brewster gave an update on the Poplar Springs Landfill. After much research, she said she was able to determine the landfill's subfund account's beginning balance was \$437,958. As of August 5, 2017, the balance was approximately \$109,000. She said the contractor's bid to complete repairs to the landfill is \$172,600 and no funds have been expended to date to make any repairs. Ms. Littleton-Brewster said the Loudon County Commission voted August 7, 2017 to seek reimbursement from the Commission in the amount of \$88,000 for legal fees from the county attorney related to the Poplar Springs Landfill which were already paid from the county's general fund.

Ms. Littleton-Brewster said as far as she was concerned the county has reached a stopping point with completing repairs to the landfill until it can get better answers on the legitimacy of expenditures. She also said it was well documented that the owner knew when he purchased the Poplar Springs property that it was a former landfill, and she said she doesn't agree with spending public funds on private land. Ms. Littleton-Brewster said the City of Loudon will be talking about the landfill in its city council meeting August 14th and the Lenoir City mayor has also expressed an interest in learning more about the situation. Ms. Littleton-Brewster said expenses are out of control on this project and she hasn't been granted permission to view detailed invoices from the consulting engineering firm, the Luna Law firm and the county attorney because, she's been told, they're a matter of attorney-client privilege.

During the Attorney's Report, Mr. Stevens said the final audit for fiscal year 2015-16 has been filed with the State of Tennessee and he distributed copies to the Commission. He also mentioned that Mr. Richard Hill with Mitchell, Emert & Hill has submitted a proposal to perform the FY 2017 audit.

MOTION: Ms. Littleton-Brewster made a motion to table Mr. Hill's proposal until the Commission's September meeting. Mr. Stewart seconded the motion and it passed unanimously.

Mr. Stevens said the Loudon County Commission continues to review its Open Records Policy which the Commission previously adopted. He also thanked Mr. Jameson for posting a No Trespassing/No Hunting sign on Commission property. Mr. Jameson said he has several more to post, but the ground clearing cost was minimal.

Mr. Field asked how the Commission will process the \$88,000 invoice from the county commission for the reimbursement of the county attorney's fees for his work on the Poplar Springs Landfill. Mr. Stevens said he will ask to view itemized invoices to see how they relate to the landfill and, then, will bring the invoice to the Commission for further discussion. Mr. Stevens suggested that the LCSWDC should also gain concurrence from our stakeholders in Lenoir City and City of Loudon prior to releasing any funds.

During the Chairman's Report, Mr., Field said he had a \$2,500 invoice for Mr. Stevens' legal services and a \$7,425 invoice from Mr. Hill for preparing the audit.

He also said the Loudon County Finance Director views Ms. Littleton-Brewster as a Loudon County employee since she is employed by the Loudon County school system as an educator. As such, more deductions will be made from the payment she receives from serving on the Commission.

Mr. Field said he also received a copy of the Matlock Bend Landfill's groundwater monitoring report from Santek and that an electronic copy has been placed on the county website for public review.

MOTION: Mr. Hamilton made a motion to adjourn the meeting at 9:15 p.m. and Mr. Jameson seconded the motion. It passed unanimously.

The Commission's next regularly scheduled meeting is September 12, 2017 at 6:30 p.m. at the Loudon County Courthouse Annex.

Respectfully submitted,

Steve Field, Chairman
Loudon County Solid Waste Disposal Commission

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

July 2017 Combined Ending Cash Balance per Monthly Report	3,438,495.17	
Adjustments:		
	0.00	
	<u>0.00</u>	
Total Adjustments		<u>0.00</u>
Adjusted July 2017 Combined Ending Balance per Loudon Co Trustee		<u>3,438,495.17</u>

Solid Waste Disposal Commission Operating Fund

Operating Fund Ending Balance July 2017		3,224,603.59
Cash Receipts:		
Trustee's Collections - Prior Year	0.01	
Trustee's Collections - Bankruptcy	(48.41)	
Interest & Penalty	(18.41)	
Surcharge - Host Fees (July 2017)	11,913.35	
Surcharge - Security Fees (July 2017)	14,891.69	
Investment Income	<u>848.90</u>	
Total Monthly Revenue		27,587.13
Cash Disbursements:		
Board & Committee Members Fees	(200.00)	
Audit Services (Mitchell Emert & Hill)	(7,425.00)	
Contracts with Private Agencies (Santek)		
Engineering Services (Santek)		
Contributions (Loudon Utilities - Quarterly)		
Legal Services (June 2017)	(2,500.00)	
Legal Notices		
Other Contracted Services (Mowing)		
Building & Content Insurance		
In-Service/Staff Development (Refund)		
Trustee's Commission	<u>(119.13)</u>	
Total Cash Disbursements		(10,244.13)
Expenditure Credit:		
Trustee Commission Adjustment		<u>0.00</u>
<u>Operating Fund Ending Balance August 2017</u>		<u>3,241,946.59</u>

Poplar Springs Subfund

Poplar Springs Subfund Balance July 2017		213,891.58
Cash Receipts:		
	<u>0.00</u>	
Total Monthly Revenue		0.00
Cash Disbursements:		
Legal Services	(15,168.49)	
Total Cash Disbursements		<u>(15,168.49)</u>
<u>Poplar Springs Subfund Balance August 2017</u>		<u>198,723.09</u>

TOTAL COMBINED OPERATING AND POPLAR SPRINGS AUGUST 2017 BALANCE **3,440,669.68**

Combined Summary - August 2017

Beginning Balance		3,438,495.17
Plus Operating Revenue		27,587.13
Less Operating and Poplar Springs Disbursements		(25,412.62)
TOTAL COMBINED BALANCE - AUGUST 2017		<u>3,440,669.68</u>



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**Monthly Operations Report
Matlock Bend Landfill
September 26, 2017**

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

- I. OPERATIONS**
 - A. Tonnage Report
 - B. Customer Report
 - C. Materials Classification Report
 - D. Waste Characterization Report
 - E. Tire Report

- II. AIRSPACE UTILIZATION SCHEDULE**

- III. HOST & SECURITY FEES**

Summary Customer Activity Report

August 01, 2017 to August 31, 2017

All Customers
All Facilities

* - Confirmed Qty Applied to Billing

Customer	Weight		Volume		Count		Billing Qty	Material Total	Tax Total	Total	Item Count	Ticket Count
	Inbound	Outbound	Inbound	Outbound	Inbound	Outbound						
000001- LENOIR CITY												
MSW	344.50	0.00 TN	0.00	0.00 YD	0.00	0.00	344.50 TN	\$7,120.79	\$430.69	\$7,551.48	97	
C&D	2.39	0.00 TN	0.00	0.00 YD	0.00	0.00	2.39 TN	\$49.40	\$2.99	\$52.39	2	
BRUSH	58.20	0.00 TN	0.00	0.00 YD	0.00	0.00	58.20 TN	\$1,202.98	\$72.82	\$1,275.80	43	
Customer Totals:	405.09	0.00 TN	0.00	0.00 YD	0.00	0.00	405.09 TN	\$8,373.17	\$506.50	\$8,879.67	142	142
000002- CITY OF LOUDON												
MSW	386.65	0.00 TN	0.00	0.00 YD	0.00	0.00	386.65 TN	\$7,992.06	\$483.33	\$8,475.39	108	
C&D	2.28	0.00 TN	0.00	0.00 YD	0.00	0.00	2.28 TN	\$47.13	\$2.85	\$49.98	3	
TIRES	0.30	0.00 TN	0.00	0.00 YD	21.00	0.00	21.00 EA	\$26.25	\$0.00	\$26.25	1	
BRUSH	9.44	0.00 TN	0.00	0.00 YD	0.00	0.00	9.44 TN	\$195.13	\$11.80	\$206.93	9	
Customer Totals:	398.67	0.00 TN	0.00	0.00 YD	21.00	0.00	21.00 EA 398.37 TN	\$8,260.57	\$497.98	\$8,758.55	121	121
000003- FAY PORTABLE BUILDINGS												
MSW	34.01	0.00 TN	0.00	0.00 YD	0.00	0.00	34.01 TN	\$920.99	\$42.54	\$963.53	13	
C&D	8.99	0.00 TN	0.00	0.00 YD	0.00	0.00	8.99 TN	\$239.59	\$11.24	\$250.83	2	
Customer Totals:	43.00	0.00 TN	0.00	0.00 YD	0.00	0.00	43.00 TN	\$1,160.58	\$53.78	\$1,214.36	15	15
000007- KIMBERLY-CLARK CORPORATION												
MSW	1,034.99	0.00 TN	0.00	0.00 YD	0.00	0.00	1,034.99 TN	\$23,701.30	\$1,293.76	\$24,995.06	147	
Customer Totals:	1,034.99	0.00 TN	0.00	0.00 YD	0.00	0.00	1,034.99 TN	\$23,701.30	\$1,293.76	\$24,995.06	147	147
000012- LOUDON UTILITIES												
SLUDGE	434.85	0.00 TN	0.00	0.00 YD	0.00	0.00	434.85 TN	\$8,988.37	\$543.58	\$9,531.95	30	
Customer Totals:	434.85	0.00 TN	0.00	0.00 YD	0.00	0.00	434.85 TN	\$8,988.37	\$543.58	\$9,531.95	30	30
000015- MONTEREY MUSHROOM												
C&D	23.29	0.00 TN	0.00	0.00 YD	0.00	0.00	23.29 TN	\$662.59	\$29.10	\$691.69	12	
Customer Totals:	23.29	0.00 TN	0.00	0.00 YD	0.00	0.00	23.29 TN	\$662.59	\$29.10	\$691.69	12	12
000018- TENNESSEE DEPT OF TRANSPORTATION												
MSW	0.47	0.00 TN	0.00	0.00 YD	0.00	0.00	0.47 TN	\$28.00	\$0.60	\$28.60	4	
Customer Totals:	0.47	0.00 TN	0.00	0.00 YD	0.00	0.00	0.47 TN	\$28.00	\$0.60	\$28.60	4	4

Summary Customer Activity Report

August 01, 2017 to August 31, 2017

All Customers

All Facilities

All Ticket Types
History and Waiting

* - Confirmed Qty Applied to Billing

Customer	Weight		Volume		Count		Billing Qty	Material Total	Tax Total	Item Total	Ticket Count	
	Inbound	Outbound	Inbound	Outbound	Inbound	Outbound						
000024- WASTE MANAGEMENT OF KNOXVILLE												
MSW	783.90	0.00 TN	0.00	0.00 YD	0.00	0.00	783.90 TN	\$22,304.32	\$979.99	\$23,284.31	167	
SPW - PERMANENT	64.62	0.00 TN	0.00	0.00 YD	0.00	0.00	64.62 TN	\$1,838.45	\$80.76	\$1,919.21	9	
Customer Totals:	848.52	0.00 TN	0.00	0.00 YD	0.00	0.00	848.52 TN	\$24,142.77	\$1,060.75	\$25,203.52	176 176	
000030- AGCENTRAL CO-OP												
TIRES	1.40	0.00 TN	0.00	0.00 YD	128.00	0.00	128.00 EA	\$160.00	\$0.00	\$160.00	1	
Customer Totals:	1.40	0.00 TN	0.00	0.00 YD	128.00	0.00	128.00 EA	\$160.00	\$0.00	\$160.00	1 1	
000037- WASTE SERVICES OF TENNESSEE, LLC - R/C												
MSW	1,289.04	0.00 TN	0.00	0.00 YD	0.00	0.00	1,289.04 TN	\$24,852.69	\$1,611.58	\$26,464.27	242	
C&D	196.45	0.00 TN	0.00	0.00 YD	0.00	0.00	196.45 TN	\$3,787.56	\$245.63	\$4,033.19	39	
ASB	5.30	0.00 TN	0.00	0.00 YD	0.00	0.00	5.30 TN	\$102.18	\$6.63	\$108.81	2	
SLUDGE	102.46	0.00 TN	0.00	0.00 YD	0.00	0.00	102.46 TN	\$1,975.44	\$128.10	\$2,103.54	7	
VISKASE - WW	189.11	0.00 TN	0.00	0.00 YD	0.00	0.00	189.11 TN	\$3,646.03	\$236.40	\$3,882.43	32	
NON-FRIABLE ASB	2.24	0.00 TN	0.00	0.00 YD	0.00	0.00	2.24 TN	\$43.19	\$2.80	\$45.99	1	
Customer Totals:	1,784.60	0.00 TN	0.00	0.00 YD	0.00	0.00	1,784.60 TN	\$34,407.09	\$2,231.14	\$36,638.23	323 323	
000042- WASTE CONNECTIONS TN												
SLUDGE	127.42	0.00 TN	0.00	0.00 YD	0.00	0.00	127.42 TN	\$3,177.86	\$159.28	\$3,337.14	9	
Customer Totals:	127.42	0.00 TN	0.00	0.00 YD	0.00	0.00	127.42 TN	\$3,177.86	\$159.28	\$3,337.14	9 9	
000043- MASHBURN HOMES												
MSW	0.70	0.00 TN	0.00	0.00 YD	0.00	0.00	0.70 TN	\$19.92	\$0.88	\$20.80	1	
C&D	10.94	0.00 TN	0.00	0.00 YD	0.00	0.00	10.94 TN	\$311.25	\$13.68	\$324.93	12	
Customer Totals:	11.64	0.00 TN	0.00	0.00 YD	0.00	0.00	11.64 TN	\$331.17	\$14.56	\$345.73	13 13	
000047- AG CENTRAL FARMERS CO-OP												
TIRES	4.68	0.00 TN	0.00	0.00 YD	179.00	0.00	179.00 EA	\$223.75	\$0.00	\$223.75	3	
Customer Totals:	4.68	0.00 TN	0.00	0.00 YD	179.00	0.00	179.00 EA	\$223.75	\$0.00	\$223.75	3 3	
000053- TDOT - ROANE CO												
MSW	4.80	0.00 TN	0.00	0.00 YD	0.00	0.00	4.80 TN	\$158.82	\$6.01	\$164.83	10	
Customer Totals:	4.80	0.00 TN	0.00	0.00 YD	0.00	0.00	4.80 TN	\$158.82	\$6.01	\$164.83	10 10	

Summary Customer Activity Report

August 01, 2017 to August 31, 2017

All Customers

All Facilities

All Ticket Types
History and Waiting

* - Confirmed Qty Applied to Billing

Customer	Weight		Volume		Count		Billing Qty	Material Total	Tax Total	Total	Item Count	Ticket Count
	Inbound	Outbound	Inbound	Outbound	Inbound	Outbound						
000099- CASH												
MSW	143.20	0.00 TN	0.00	0.00 YD	0.00	0.00	143.20 TN	\$4,579.57	\$179.36	\$4,758.93	317	
C&D	177.21	0.00 TN	0.00	0.00 YD	0.00	0.00	177.21 TN	\$5,179.99	\$221.59	\$5,401.58	231	
TIRES	33.32	0.00 TN	0.00	0.00 YD	1,505.00	0.00	1,505.00 EA	\$1,881.25	\$0.00	\$1,881.25	42	
BRUSH	42.52	0.00 TN	0.00	0.00 YD	0.00	0.00	42.52 TN	\$1,280.71	\$53.17	\$1,333.88	56	
SHINGLES	122.94	0.00 TN	0.00	0.00 YD	0.00	0.00	122.94 TN	\$3,497.64	\$153.69	\$3,651.33	39	
Dead Animals	11.29	0.00 TN	0.00	0.00 YD	0.00	0.00	11.29 TN	\$329.23	\$0.00	\$329.23	13	
Customer Totals:	530.48	0.00 TN	0.00	0.00 YD	1,505.00	0.00	1,505.00 EA 497.16 TN	\$16,748.39	\$607.81	\$17,356.20	698	698
000102- TENN LAWN & LANDSCAPE												
C&D	2.74	0.00 TN	0.00	0.00 YD	0.00	0.00	2.74 TN	\$77.95	\$3.43	\$81.38	2	
BRUSH	1.23	0.00 TN	0.00	0.00 YD	0.00	0.00	1.23 TN	\$34.99	\$1.54	\$36.53	1	
Customer Totals:	3.97	0.00 TN	0.00	0.00 YD	0.00	0.00	3.97 TN	\$112.94	\$4.97	\$117.91	3	3
000105- LOUDON CO/C.C. LOUDON CO												
MSW	164.12	0.00 TN	0.00	0.00 YD	0.00	0.00	164.12 TN	\$3,392.38	\$205.16	\$3,597.54	13	
Customer Totals:	164.12	0.00 TN	0.00	0.00 YD	0.00	0.00	164.12 TN	\$3,392.38	\$205.16	\$3,597.54	13	13
000106- LOUDON CO/C.C. LENOIR CITY												
MSW	233.75	0.00 TN	0.00	0.00 YD	0.00	0.00	233.75 TN	\$4,831.62	\$292.24	\$5,123.86	22	
Customer Totals:	233.75	0.00 TN	0.00	0.00 YD	0.00	0.00	233.75 TN	\$4,831.62	\$292.24	\$5,123.86	22	22
000107- LOUDON CO/C.C. GREENBACK												
MSW	113.68	0.00 TN	0.00	0.00 YD	0.00	0.00	113.68 TN	\$2,349.77	\$142.12	\$2,491.89	10	
Customer Totals:	113.68	0.00 TN	0.00	0.00 YD	0.00	0.00	113.68 TN	\$2,349.77	\$142.12	\$2,491.89	10	10
000117- KIMBERLY CLARK												
PAPER WASTE	3,422.54	0.00 TN	0.00	0.00 YD	0.00	0.00	3,422.54 TN	\$45,348.93	\$4,278.35	\$49,627.28	203	
Customer Totals:	3,422.54	0.00 TN	0.00	0.00 YD	0.00	0.00	3,422.54 TN	\$45,348.93	\$4,278.35	\$49,627.28	203	203
003008- TELLICO VILLAGE POA												
MSW	0.58	0.00 TN	0.00	0.00 YD	0.00	0.00	0.58 TN	\$13.34	\$0.72	\$14.06	1	
Customer Totals:	0.58	0.00 TN	0.00	0.00 YD	0.00	0.00	0.58 TN	\$13.34	\$0.72	\$14.06	1	1

Summary Customer Activity Report

August 01, 2017 to August 31, 2017

All Customers

All Facilities

All Ticket Types
History and Waiting

* - Confirmed Qty Applied to Billing

Customer	Weight		Volume		Count		Billing Qty	Material Total	Tax Total	Total	Item Count	Ticket Count
	Inbound	Outbound	Inbound	Outbound	Inbound	Outbound						
003010- HOME OPTIONS OF TN, INC												
C&D	5.79	0.00 TN	0.00	0.00 YD	0.00	0.00	5.79 TN	\$164.73	\$7.24	\$171.97	3	
Customer Totals:	5.79	0.00 TN	0.00	0.00 YD	0.00	0.00	5.79 TN	\$164.73	\$7.24	\$171.97	3	3
003012- TENNESSEE TRASH SERVICE, LLC												
MSW	3,448.49	0.00 TN	0.00	0.00 YD	0.00	0.00	3,448.49 TN	\$73,073.58	\$4,310.94	\$77,384.52	707	
C&D	207.70	0.00 TN	0.00	0.00 YD	0.00	0.00	207.70 TN	\$4,401.14	\$259.69	\$4,660.83	58	
C&D	814.17	0.00 TN	3,550.00	0.00 YD	0.00	0.00	3,550.00 YD	\$18,140.50	\$1,017.83	\$19,158.33	130	
SPW - EVENT	3.16	0.00 TN	0.00	0.00 YD	0.00	0.00	3.16 TN	\$66.96	\$3.95	\$70.91	1	
NON-FRIABLE ASB	3.41	0.00 TN	0.00	0.00 YD	0.00	0.00	3.41 TN	\$97.02	\$4.28	\$101.30	7	
Customer Totals:	4,476.93	0.00 TN	3,550.00	0.00 YD	0.00	0.00	3,662.76 TN 3,550.00 YD	\$95,779.20	\$5,596.69	\$101,375.89	903	903
003013- ADAMS ROOFING												
SHINGLES	55.60	0.00 TN	0.00	0.00 YD	0.00	0.00	55.60 TN	\$1,581.84	\$69.51	\$1,651.35	20	
Customer Totals:	55.60	0.00 TN	0.00	0.00 YD	0.00	0.00	55.60 TN	\$1,581.84	\$69.51	\$1,651.35	20	20
003020- LIBERTY TIRE RECYCLERS, INC												
TIRES	0.00	54.96 TN	0.00	0.00 YD	0.00	0.00	54.96 TN	\$0.00	\$0.00	\$0.00	3	
Customer Totals:	0.00	54.96 TN	0.00	0.00 YD	0.00	0.00	54.96 TN	\$0.00	\$0.00	\$0.00	3	3
003024- TVA - LITTLE TN WATERSHED TEAM												
MSW	0.12	0.00 TN	0.00	0.00 YD	0.00	0.00	0.12 TN	\$7.00	\$0.15	\$7.15	1	
Customer Totals:	0.12	0.00 TN	0.00	0.00 YD	0.00	0.00	0.12 TN	\$7.00	\$0.15	\$7.15	1	1
003025- LOUDON COUNTY ANIMAL SHELTER												
Dead Animals	0.75	0.00 TN	0.00	0.00 YD	0.00	0.00	0.75 TN	\$15.22	\$0.00	\$15.22	2	
Customer Totals:	0.75	0.00 TN	0.00	0.00 YD	0.00	0.00	0.75 TN	\$15.22	\$0.00	\$15.22	2	2
003033- JUNK BEE GONE LLC												
MSW	2.15	0.00 TN	0.00	0.00 YD	0.00	0.00	2.15 TN	\$61.17	\$2.69	\$63.86	1	
Customer Totals:	2.15	0.00 TN	0.00	0.00 YD	0.00	0.00	2.15 TN	\$61.17	\$2.69	\$63.86	1	1

Summary Customer Activity Report

August 01, 2017 to August 31, 2017

All Customers

All Facilities

All Ticket Types
History and Waiting

* - Confirmed Qty Applied to Billing

Customer	Weight		Volume		Count		Billing Qty	Material Total	Tax Total	Total	Item Count	Ticket Count
	Inbound	Outbound	Inbound	Outbound	Inbound	Outbound						
003042- FAMILY BRANDS INTERNATIONAL LLC												
SPW - PERMANENT	1.55	0.00 TN	0.00	0.00 YD	0.00	0.00	1.55 TN	\$56.90	\$1.94	\$58.84	1	
Customer Totals:	1.55	0.00 TN	0.00	0.00 YD	0.00	0.00	1.55 TN	\$56.90	\$1.94	\$58.84	1	1
003047- GRIFFIN WASTE SERVICES, LLC												
MSW	1.28	0.00 TN	0.00	0.00 YD	0.00	0.00	1.28 TN	\$36.42	\$1.60	\$38.02	1	
C&D	0.66	0.00 TN	0.00	0.00 YD	0.00	0.00	0.66 TN	\$18.78	\$0.82	\$19.60	1	
Customer Totals:	1.94	0.00 TN	0.00	0.00 YD	0.00	0.00	1.94 TN	\$55.20	\$2.42	\$57.62	2	2
003048- ROANE METALS GROUP												
MSW	4.07	0.00 TN	0.00	0.00 YD	0.00	0.00	4.07 TN	\$115.79	\$5.08	\$120.87	1	
C&D	10.11	0.00 TN	0.00	0.00 YD	0.00	0.00	10.11 TN	\$287.63	\$12.64	\$300.27	2	
Customer Totals:	14.18	0.00 TN	0.00	0.00 YD	0.00	0.00	14.18 TN	\$403.42	\$17.72	\$421.14	3	3
003052- THE WEAVER HOMES COMPANY, INC												
C&D	1.12	0.00 TN	0.00	0.00 YD	0.00	0.00	1.12 TN	\$31.86	\$1.40	\$33.26	1	
Customer Totals:	1.12	0.00 TN	0.00	0.00 YD	0.00	0.00	1.12 TN	\$31.86	\$1.40	\$33.26	1	1
003055- ROANE COUNTY RECYCLING CENTER												
MSW	448.90	0.00 TN	0.00	0.00 YD	0.00	0.00	448.90 TN	\$10,212.54	\$561.15	\$10,773.69	54	
Customer Totals:	448.90	0.00 TN	0.00	0.00 YD	0.00	0.00	448.90 TN	\$10,212.54	\$561.15	\$10,773.69	54	54
003066- WASTE SERVICES OF TN - FEL												
MSW	742.00	0.00 TN	0.00	0.00 YD	0.00	0.00	742.00 TN	\$14,305.77	\$927.51	\$15,233.28	78	
Customer Totals:	742.00	0.00 TN	0.00	0.00 YD	0.00	0.00	742.00 TN	\$14,305.77	\$927.51	\$15,233.28	78	78
003068- TERRY LANKFORD												
C&D	273.04	0.00 TN	0.00	0.00 YD	0.00	0.00	273.04 TN	\$6,615.73	\$341.33	\$6,957.06	38	
Customer Totals:	273.04	0.00 TN	0.00	0.00 YD	0.00	0.00	273.04 TN	\$6,615.73	\$341.33	\$6,957.06	38	38
003069- WASTE CORPORATION OF TN, INC												
MSW	8.19	0.00 TN	0.00	0.00 YD	0.00	0.00	8.19 TN	\$208.85	\$10.24	\$219.09	1	
ASB	1.69	0.00 TN	0.00	0.00 YD	0.00	0.00	1.69 TN	\$200.00	\$2.11	\$202.11	1	
Customer Totals:	9.88	0.00 TN	0.00	0.00 YD	0.00	0.00	9.88 TN	\$408.85	\$12.35	\$421.20	2	2

Summary Customer Activity Report

August 01, 2017 to August 31, 2017

All Customers
All Facilities

* - Confirmed Qty Applied to Billing

Customer	Weight		Volume		Count		Billing Qty	Material Total	Tax Total	Total	Item Count	Ticket Count
	Inbound	Outbound	Inbound	Outbound	Inbound	Outbound						
003072- PCI												
SPW - PERMANENT	2.95	0.00 TN	0.00	0.00 YD	0.00	0.00	2.95 TN	\$83.93	\$3.69	\$87.62	1	
FRIABLE ASB	0.09	0.00 TN	0.00	0.00 YD	0.00	0.00	0.09 TN	\$200.00	\$0.11	\$200.11	1	
Customer Totals:	3.04	0.00 TN	0.00	0.00 YD	0.00	0.00	3.04 TN	\$283.93	\$3.80	\$287.73	2	2
003076- COVEY CONSTRUCTION												
C&D	4.28	0.00 TN	0.00	0.00 YD	0.00	0.00	4.28 TN	\$121.77	\$5.35	\$127.12	1	
SHINGLES	1.79	0.00 TN	0.00	0.00 YD	0.00	0.00	1.79 TN	\$50.93	\$2.24	\$53.17	1	
Customer Totals:	6.07	0.00 TN	0.00	0.00 YD	0.00	0.00	6.07 TN	\$172.70	\$7.59	\$180.29	2	2
003079- WASTE SERVICES TN - RESI												
MSW	233.34	0.00 TN	0.00	0.00 YD	0.00	0.00	233.34 TN	\$4,498.79	\$291.79	\$4,790.58	63	
Customer Totals:	233.34	0.00 TN	0.00	0.00 YD	0.00	0.00	233.34 TN	\$4,498.79	\$291.79	\$4,790.58	63	63
003080- GO GREEN REC												
MSW	17.21	0.00 TN	0.00	0.00 YD	0.00	0.00	17.21 TN	\$489.62	\$21.51	\$511.13	4	
Customer Totals:	17.21	0.00 TN	0.00	0.00 YD	0.00	0.00	17.21 TN	\$489.62	\$21.51	\$511.13	4	4
003081- RONNIE SITZLER												
C&D	14.14	0.00 TN	0.00	0.00 YD	0.00	0.00	14.14 TN	\$402.28	\$17.67	\$419.95	4	
Customer Totals:	14.14	0.00 TN	0.00	0.00 YD	0.00	0.00	14.14 TN	\$402.28	\$17.67	\$419.95	4	4
003084- CITY OF SWEETWATER												
MSW	0.11	0.00 TN	0.00	0.00 YD	0.00	0.00	0.11 TN	\$3.00	\$0.14	\$3.14	1	
Customer Totals:	0.11	0.00 TN	0.00	0.00 YD	0.00	0.00	0.11 TN	\$3.00	\$0.14	\$3.14	1	1
003087- HARRISON DAIRY INC												
Dead Animals	4.94	0.00 TN	0.00	0.00 YD	0.00	0.00	4.94 TN	\$140.54	\$0.00	\$140.54	5	
Customer Totals:	4.94	0.00 TN	0.00	0.00 YD	0.00	0.00	4.94 TN	\$140.54	\$0.00	\$140.54	5	5
003095- GOODYEAR COMMERCIAL TIRE												
TIRES	19.75	0.00 TN	0.00	0.00 YD	441.00	0.00	441.00 EA	\$551.25	\$0.00	\$551.25	6	
Customer Totals:	19.75	0.00 TN	0.00	0.00 YD	441.00	0.00	441.00 EA	\$551.25	\$0.00	\$551.25	6	6

Summary Customer Activity Report

August 01, 2017 to August 31, 2017

All Customers
All Facilities

* - Confirmed Qty Applied to Billing

15,925.09	54.96 TN	3,550.00	0.00 YD	2,274.00	0.00	2,274.00 EA	\$322,814.95	\$19,813.01	\$342,627.96	3155	3155
						15,106.43 TN					
						3,550.00 YD					

Summary Material Activity Report

August 01, 2017 to August 31, 2017

All Materials
All Facilities

* - Confirmed Qty Applied to Billing

Material	Weight		Volume		Count		Billing Qty	Material Total	Tax Total	Total	Item Count	Ticket Count
	Inbound	Outbound	Inbound	Outbound	Inbound	Outbound						
MSW	9,440.25	0.00 TN	0.00	0.00 YD	0.00	0.00	9,440.25 TN	\$205,278.10	\$11,801.78	\$217,079.88	2064	
C&D	941.13	0.00 TN	0.00	0.00 YD	0.00	0.00	941.13 TN	\$22,399.38	\$1,176.65	\$23,576.03	411	
C&D	814.17	0.00 TN	3,550.00	0.00 YD	0.00	0.00	3,550.00 YD	\$18,140.50	\$1,017.83	\$19,158.33	130	
ASB	6.99	0.00 TN	0.00	0.00 YD	0.00	0.00	6.99 TN	\$302.18	\$8.74	\$310.92	3	
SPW - EVENT	3.16	0.00 TN	0.00	0.00 YD	0.00	0.00	3.16 TN	\$66.96	\$3.95	\$70.91	1	
SPW - PERMANENT	69.12	0.00 TN	0.00	0.00 YD	0.00	0.00	69.12 TN	\$1,979.28	\$86.39	\$2,065.67	11	
PAPER WASTE	3,422.54	0.00 TN	0.00	0.00 YD	0.00	0.00	3,422.54 TN	\$45,348.93	\$4,278.35	\$49,627.28	203	
TIRES	59.45	0.00 TN	0.00	0.00 YD	2,274.00	0.00	2,274.00 EA	\$2,842.50	\$0.00	\$2,842.50	53	
TIRES	0.00	54.96 TN	0.00	0.00 YD	0.00	0.00	54.96 TN	\$0.00	\$0.00	\$0.00	3	
BRUSH	111.39	0.00 TN	0.00	0.00 YD	0.00	0.00	111.39 TN	\$2,713.81	\$139.33	\$2,853.14	109	
SHINGLES	180.33	0.00 TN	0.00	0.00 YD	0.00	0.00	180.33 TN	\$5,130.41	\$225.44	\$5,355.85	60	
SLUDGE	664.73	0.00 TN	0.00	0.00 YD	0.00	0.00	664.73 TN	\$14,141.67	\$830.96	\$14,972.63	46	
VISKASE - WW	189.11	0.00 TN	0.00	0.00 YD	0.00	0.00	189.11 TN	\$3,646.03	\$236.40	\$3,882.43	32	
NON-FRIABLE ASB	5.65	0.00 TN	0.00	0.00 YD	0.00	0.00	5.65 TN	\$140.21	\$7.08	\$147.29	8	
Dead Animals	16.98	0.00 TN	0.00	0.00 YD	0.00	0.00	16.98 TN	\$484.99	\$0.00	\$484.99	20	
FRIABLE ASB	0.09	0.00 TN	0.00	0.00 YD	0.00	0.00	0.09 TN	\$200.00	\$0.11	\$200.11	1	
	15,925.09	54.96 TN	3,550.00	0.00 YD	2,274.00	0.00	2,274.00 EA	\$322,814.95	\$19,813.01	\$342,627.96	3155	3155
							15,106.43 TN					
							3,550.00 YD					

LANDFILL TONNAGE VOLUME
MONTH ENDING -
August 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			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	116,839.10	123,081.62	6,242.52

DAILY AVG FOR ANY
RUNNING 30 DAY 528.86
PERIOD

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			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	3,792.69	4,032.92	240.23

DAILY AVG FOR 22.5 705.14
DAY PERIOD

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			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	2,712.72	2,842.73	130.01

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			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	3,089.33	3,116.27	26.94

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			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	18,450.65	20,628.70	2,178.05

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			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	23,337.93	32,261.83	8,923.90

LANDFILL TONNAGE VOLUME
MONTH ENDING -
August 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			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	37,013.26	30,110.29	(6,902.97)

Materials Classification Report
Matlock Bend Landfill
Monthly Tonnage Summary August 2017

Material	Tonnage	2015 Sludge %		2016 Sludge %	
MSW					
MSW	11,487	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	3,714				
Ash	0				
Sludge	665				
Total Special Waste	4,378				
Total MSW & SW	15,866				
Tires	59				
Total Material	15,925				
% MSW	72%				
% Special Waste	28%				
% Sludge	4%				

2017 Sludge %	
January	5%
February	8%
March	8%
April	7%
May	4%
June	2%
July	3%
August	4%
September	0%
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					84,583
Special Waste	5,376	5,537	5,433	4,379	4,692	4,488	4,214	4,378					38,498
Tires	28	25	33	33	24	45	38	59					286
Total	15,365	15,017	16,088	14,505	16,148	15,699	14,621	15,925	0	0	0	0	123,367

%

MSW	65%	63%	66%	70%	71%	71%	71%	72%	0%	0%	0%	0%	69%
Special Waste	35%	37%	34%	30%	29%	29%	29%	27%	0%	0%	0%	0%	31%
Total	100%	100%	100%	100%	100%	100%	100%	100%	0%	0%	0%	0%	100%

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

Month	Tonnage
Jul-17	47.28
Aug-17	54.96
Sep-17	
Oct-17	
Nov-17	
Dec-17	
Jan-18	
Feb-18	
Mar-18	
Apr-18	
May-18	
Jun-18	
Total (tons)	102.24

Matlock Bend Landfill - Module I-A 2017 Airspace Projection / Construction Schedule

		MONTHLY TONNAGE					UTILIZATION FACTOR
		15,166					1.07
DATE	REMAINING AIRSPACE ¹ (CY)	TONNAGE	ACTUAL / PROJECTED ²	UTILIZATION FACTOR (CY/TON) ³	MONTHLY VOLUME CONSUMED (CY)	ENDING MONTHLY REMAINING AIRSPACE (CY)	
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	-	15,166	P	1.07	16,228	317,135	
October	-	15,166	P	1.07	16,228	300,908	
November	-	15,166	P	1.07	16,228	284,680	
December	-	15,166	P	1.07	16,228	268,452	

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

Full Date

May-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

June	15,048
July	14,585
August	15,865
Average	15,166

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

September 11, 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 August 1, 2017 to August 31, 2017:

Host Fees (Greater of below) —	
Total Tip Fees Billed	\$330,639.87
Host Fee Percentage	4.00%
	<u>\$ 13,225.59</u>
Minimum Fee	<u>\$ 10,652.00</u>
Security Fees (Greater of below) —	
Total Tonnage Received	15,865.64
Rate per ton	\$ 1.00
Total	<u>\$ 15,865.64</u>
Total Tip Fees Billed	\$330,639.87
Security Fee Percentage	5.00%
	<u>\$ 16,531.99</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



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

SOLID WASTE DISPOSAL FACILITY EVALUATION

DATE 9-11-17 TIME 12:05pm
 WEATHER 72°F Clouds

SITE NAME <u>Loudon County</u> <u>MATLOCK Bend Landfill</u>	REGISTRATION NUMBER <u>SNL53-0203</u>	FACILITY <input checked="" type="checkbox"/> CLASS I <input type="checkbox"/> CLASS II <input type="checkbox"/> CLASS III <input type="checkbox"/> CLASS IV	PURPOSE <input checked="" type="checkbox"/> COMPLETE <input type="checkbox"/> COMPLAINT <input type="checkbox"/> FOLLOW UP <input type="checkbox"/> OTHER
PHYSICAL LOCATION <u> Hwy 72 Loudon, Loudon County</u>			
OWNER/ OPERATOR <u>LCSWB/Sanku operator Raymond Giles-mgr</u>			

NVO	AOC	V1	V2	CODE	*NVO - NO VIOLATION OBSERVED	COMMENTS
1.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8010	INADEQUATE VECTOR CONTROL	
2.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8020	ACCESS NOT LIMITED TO OPERATING HOURS	
3.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8030	INADEQUATE ARTIFICIAL OR NATURAL BARRIER	
4.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8040	INADEQUATE INFORMATION SIGNS	
5.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8050	UNSATISFACTORY ACCESS ROAD(S) / PARKING AREA(S)	
6.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8060	CERTIFIED PERSONNEL NOT PRESENT DURING OPERATING HOURS	
7.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8070	UNAPPROVED SALVAGING OF WASTE	
8.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8080	EVIDENCE OF OPEN BURNING	
9.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8090	INADEQUATE FIRE PROTECTION	
10.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8110	UNSATISFACTORY LITTER CONTROL	
11.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8120	INADEQUATE EMPLOYEE FACILITIES	
12.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8130	NO COMMUNICATION DEVICES	
13.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8140	INADEQUATE OPERATING EQUIPMENT	
14.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8150	UNAVAILABILITY OF BACKUP EQUIPMENT	
15.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8160	UNAVAILABILITY OF COVER MATERIAL	
16.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8170	INADEQUATE MAINTENANCE OF RUNON / RUNOFF SYSTEM(S)	
17.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8180	INADEQUATE EROSION CONTROL	
18.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8190	INADEQUATE DUST CONTROL	
19.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8210	UNAUTHORIZED WASTE ACCEPTED	
20.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8220	UNAPPROVED SPECIAL WASTE ACCEPTED	
21.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8230	TIRES IMPROPERLY HANDLED	
22.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8240	MEDICAL WASTE IMPROPERLY HANDLED	
23.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8250	DEAD ANIMALS IMPROPERLY HANDLED	
24.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8270	WASHOUT OF SOLID WASTE	
25.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8280	NO PERMANENT BENCHMARK	

FD062317

NVO AOC V1 V2 CODE *NVO - NO VIOLATION OBSERVED		COMMENTS
26.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8290 INADEQUATE RANDOM INSPECTION PROGRAM	<p>Leachate Riser Readings = 23" + 13" - good. Need gravity drain leachate Pipe Correlated to show leachate head on that cell.</p>
27.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8300 MISHANDLING OF SPECIAL WASTE	
28.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8310 BUFFER ZONE STANDARD VIOLATED	
29.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8320 INADEQUATE MAINTENANCE OF LEACHATE MANAGEMENT SYSTEM (MEASURE AND RECORD LEACHATE LEVELS)	
30.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8330 LEACHATE IMPROPERLY MANAGED	
31.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8340 INADEQUATE LEACHATE COLLECTION SYSTEM	
32.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8350 LEACHATE OBSERVED AT THE SITE	
33.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8360 LEACHATE ENTERING RUNOFF	
34.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8370 LEACHATE ENTERING A WATER COURSE	
35.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8380 INADEQUATE GAS MIGRATION CONTROL SYSTEM	
36.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8390 INADEQUATE MAINTENANCE OF GAS MIGRATION CONTROL SYSTEM	
37.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8420 POTENTIAL FOR EXPLOSIONS OR UNCONTROLLED FIRES	
38.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8430 WASTE NOT CONFINED TO A MANAGEABLE AREA	
39.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8440 IMPROPER SPREADING OF WASTE	
40.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8450 IMPROPER COMPACTING OF WASTE	
41.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8460 UNSATISFACTORY INITIAL COVER	
42.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8470 UNSATISFACTORY INTERMEDIATE COVER	
43.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8480 UNSATISFACTORY FINAL COVER	
44.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8490 EXCESSIVE POOLING OF WATER	
45.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8510 UNSATISFACTORY STABILIZATION OF COVER	
46.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8520 DUMPING OF WASTE INTO WATER	
47.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8530 UNSATISFACTORY RECORDS OR REPORTS	<p>9-11-17</p>
48.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8540 GROUNDWATER MONITORING SYSTEM IMPROPERLY MAINTAINED	
49.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8570 OPERATION DOES NOT CORRESPOND WITH ENGINEERING PLANS (MEASURE AND RECORD THE INTERIOR AND EXTERIOR SLOPE OF THE LANDFILL)	
50.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8580 OPERATION DOES NOT CORRESPOND WITH PERMIT CONDITION(S)	
51.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8590 PERMIT, PLANS, OPERATION MANUAL NOT AVAILABLE	
52.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 8610 NO OPERATING SCALES AND/OR FAILURE TO MAINTAIN WASTE RECORDS	
<p><i>Justin Owens</i> SIGNATURE OF PERSON INTERVIEWED</p>		
<p><i>Paul Platt</i> SIGNATURE OF INSPECTOR</p>		

Loudon County Solid Waste Disposal Commission
Proposed Contract Modification Strategy

The following presents proposed contract terms and strategies to be included 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 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.
- **Closure Footprint:** Santek will modify the proposed closure 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 13.7 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 32 acres such that 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 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.
- **Security Fee for LCSWDC for C/PCC Liability** ⁽¹⁾: 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 \$1,523, 368) will be invested in a two-year Treasury Bill as a restricted fund 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 C/PCC costs may be revised by Santek, but must be agreed by LCSWDC.

Note 1: Based on the spreadsheet provided by Geosyntec and the following assumptions: (i) proposed closure schedule included in this document; (ii) annual interest rate of 1%; (iii) annual inflation rate of 2%; (iv) estimated closure costs of \$126,416/acre (2016); (v) estimated post-closure costs of \$46,947/acre (2016), the Security Fee is estimated to be approximately \$1.00/ton. The Security Fee will be reviewed and adjusted annually in accordance with guidelines presented in this proposal such that accrued value of the Security Fee is sufficient to cover all of LCSWDC's C/PCC estimated liabilities at the end of proposed contract extension.



AREA TO BE CLOSED (BY SANTEK) WITH NO
ADDITIONAL WASTE YEAR 2018 (4.3 ACRES)

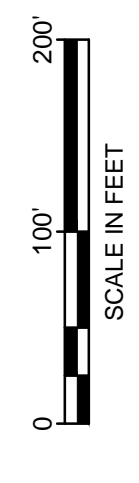
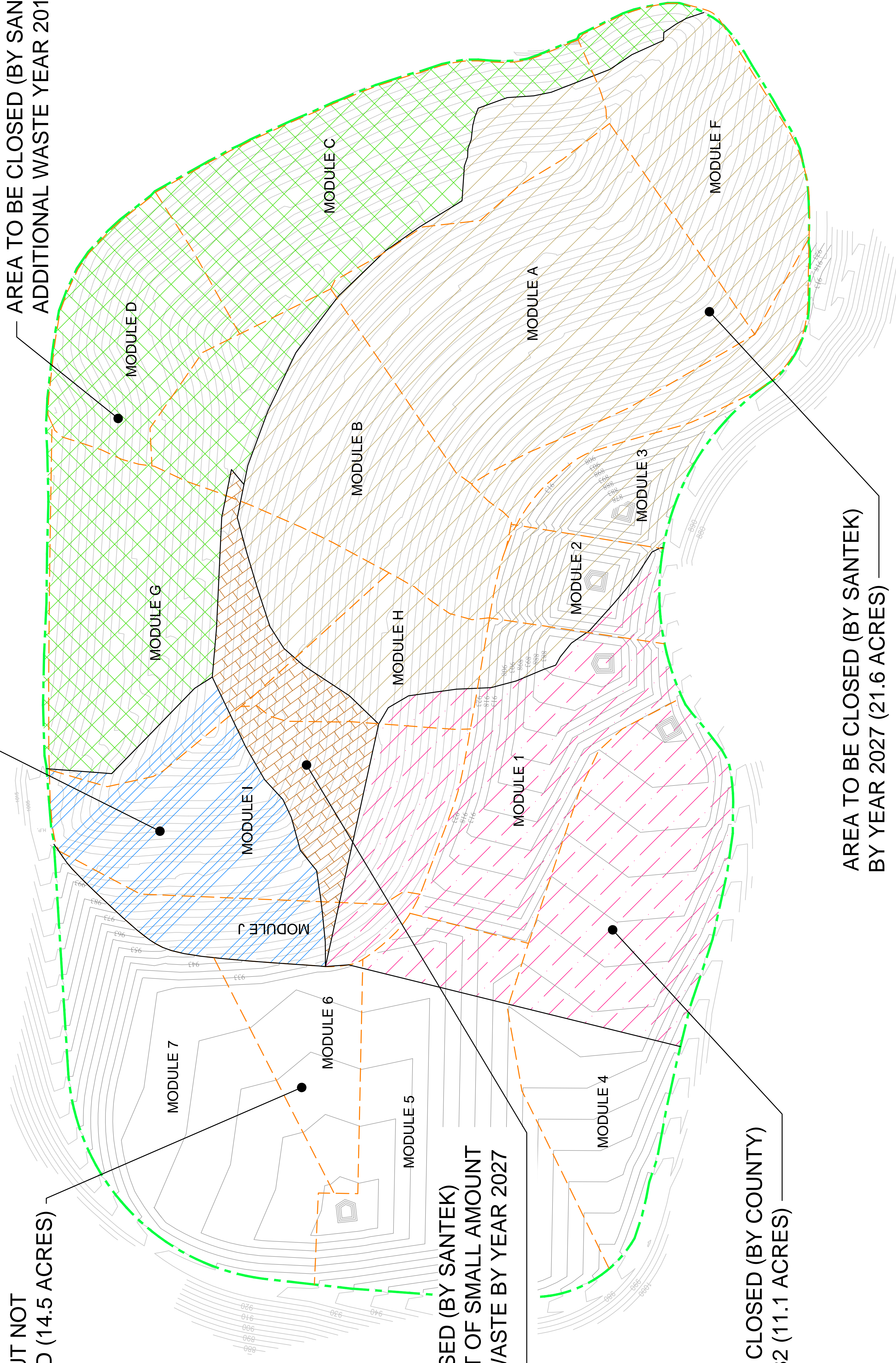
PERMITTED BUT NOT
CONSTRUCTED (14.5 ACRES)

AREA TO BE CLOSED (BY SANTEK) WITH NO
ADDITIONAL WASTE YEAR 2018 (13.2 ACRES)

AREA TO BE CLOSED (BY SANTEK)
WITH PLACEMENT OF SMALL AMOUNT
OF ADDITIONAL WASTE BY YEAR 2027
(2.5 ACRES)

AREA TO BE CLOSED (BY COUNTY)
BY YEAR 2032 (11.1 ACRES)

AREA TO BE CLOSED (BY SANTEK)
BY YEAR 2027 (21.6 ACRES)



CONCEPTUAL CLOSURE LAYOUT
LOUDON COUNTY, TN
MATLOCK BEND LANDFILL

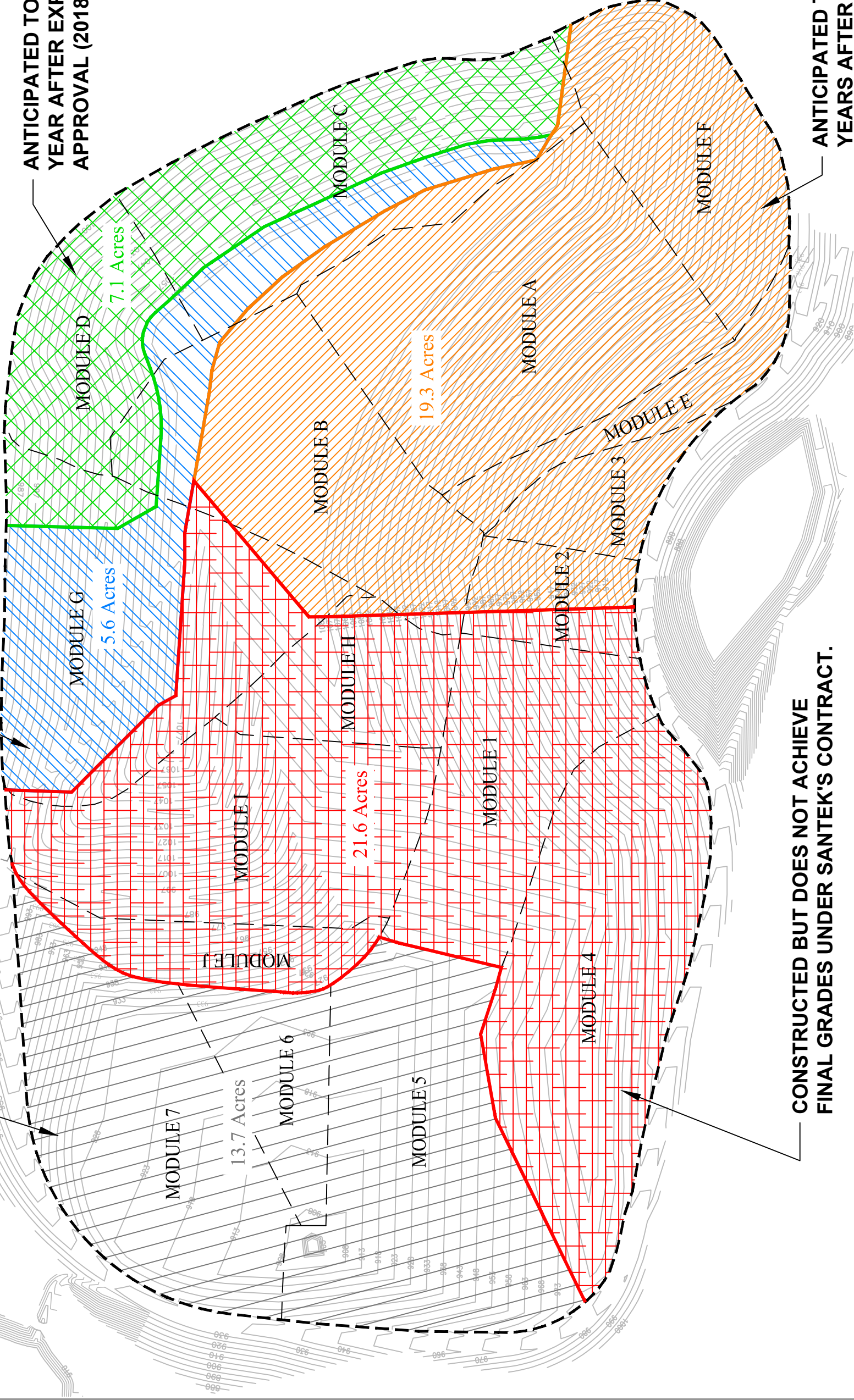
NOT CONSTRUCTED UNDER SANTEK'S CONTRACT.

ANTICIPATED TO BE CLOSED EIGHT YEARS AFTER EXPANSION PERMIT APPROVAL (2024-2032).

ANTICIPATED TO BE CLOSED ONE YEAR AFTER EXPANSION PERMIT APPROVAL (2018-2019).

CONSTRUCTED BUT DOES NOT ACHIEVE FINAL GRADES UNDER SANTEK'S CONTRACT.

ANTICIPATED TO BE CLOSED SIXTEEN YEARS AFTER EXPANSION PERMIT APPROVAL (2032-2033).



REV.	DATE	DRAWN	HRD	REVISION

DRAFT PHASED CLOSURE
 MATLOCK BEND LANDFILL
 LOUDON COUNTY, TENNESSEE



SANTEK ENVIRONMENTAL
 600 25TH STREET NW
 CLEVELAND, TENNESSEE

SCALE: AS NOTED
 DATE: 1/9/17
 DRAWN BY: JW
 CHECKED BY: RV
 APPROVED BY: RV
 FILE: 2001-1613
 JOB NO: PARTIAL CLOSURE

April 3, 2007

Loudon County Solid Waste Disposal Commission (LCSWDC)
c/o Loudon County Purchasing Office
100 River Road, Box 110
Loudon, Tennessee 37774



SANTEK
ENVIRONMENTAL

650 25th Street, N.W., Suite 100
Cleveland, Tennessee 37311
(423)476-9160
Toll Free: (800)467-9160
Fax: (423)479-1952

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

RE: LCSWDC Proposal for Alternative 1

Dear LCSWDC:

Santek Environmental, Inc. is pleased to submit for your review and consideration a Proposal for Alternative 1 (Class I Landfill Operations), pursuant to your Request For Proposals dated January 2007. Attached to the Proposal Form is Santek's bid security in the amount of \$50,000.

With more than 21 years of landfill management experience and having worked for LCSWDC for the almost 20 years, Santek is well qualified to continue with the management of the Matlock Bend Landfill. As the principal designer of Phase II/V of the landfill, Santek is intimately familiar with the construction and operation of the facility. We are as equally familiar with the Phase I of the landfill since we managed the area from 1988 until 1996 when we performed closure of the site. Since that time, we have continued to perform post-closure care. In addition, Santek subsidiary Waste Services possesses almost 10 years of experience managing and collecting solid waste, and will continue to be one of the landfill's largest customers. Santek is duly organized and is in good standing under the laws of the State of Tennessee.

If Santek is selected by LCSWDC as the successful proponent, our proposal will result, on average, in more than \$450,000 per year in revenue (security and host fees) being returned to LCSWDC during the life of the agreement. In addition, Santek will assume complete financial responsibility for all activities associated with construction, operation and management.

Santek appreciates the opportunity to participate in LCSWDC's procurement process. Should you have any questions about our proposal or need additional information, please don't hesitate to contact me at (800) 467-9160.

Sincerely,

Cheryl L. Dunson
Executive Vice President of Marketing

CLD/le

Landfill Solutions Under
Local Government's Authority.



Exhibit E - Estimated Tipping Fees LCSWDC RFP

10-Year Schedule of Estimated Yearly Tipping Fees (which includes any required closure and post-closure, engineering and operations, and financing and amortization of capital projects):

Year 1 - \$28.00 per ton
Year 2 - \$28.00 per ton
Year 3 - \$28.73 per ton
Year 4 - \$29.47 per ton
Year 5 - \$30.24 per ton
Year 6 - \$31.03 per ton
Year 7 - \$31.83 per ton
Year 8 - \$32.66 per ton
Year 9 - \$34.38 per ton
Year 10 - \$35.28 per ton

September 11, 2017

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

Dear Mr. Field,

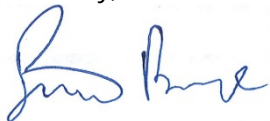
The Solid Waste Management Act of 1991 set a goal that each municipal solid waste (MSW) region in the State of Tennessee shall reduce Class I MSW landfill disposal and incineration by twenty-five percent (25%) since 1995 on a per capita basis. If regions do not achieve this reduction, rules allow the Department to use a real-time comparison methodology to determine whether 25% of the MSW generated in the current year was diverted or recycled.

Based on the information submitted in the 2016 Annual Progress Report, the Loudon MSW Region **achieved the 25% waste reduction and diversion goal**. Using the base year methodology the region achieved a -58% (increase since 1995) but using the real-time comparison methodology the region achieved a 34% (amount diverted or recycled) reduction.

Solid waste plans should include managing solid waste generated after disasters or emergencies. Currently, 33% of counties do not meet this requirement. Given this need, the Department is developing technical and financial resources for counties to create or update their disaster debris management plans. Future solid waste plan approvals will require these additional plans in accordance with the rules and statute. Progress toward fulfilling this requirement may be considered on a case-by-case basis.

If you should have any questions, please contact me at (615) 253-9929 or by email at Seth.Benge@tn.gov.

Sincerely,



Seth Benge
Recovered Materials

CC: The Honorable Buddy Bradshaw, Loudon County Mayor
Chris Parks, Loudon County Convenience Center Director
John LeCroy, Regional Director for External Affairs
Tim Hendrick, East Tennessee Development District