

AGENDA
LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION
May 15, 2018
6:30 p.m.
LOUDON COUNTY COURTHOUSE ANNEX
Loudon, Tennessee

1. Opening of Meeting, Pledge of Allegiance, Invocation
2. Approval of Minutes – April 10, 2018
3. Items of Public Concern
4. Cash Activity Report
5. Operations Report
6. Trustee Investment Process
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 Financial Report
April 2018

March 2018 Combined Ending Cash Balance per Monthly Report		3,599,568.60
Adjustments:		
March Interest	848.40	
	0.00	
Total Adjustments		848.40
Adjusted March 2018 Combined Ending Balance per Loudon Co Trustee		3,600,417.00

Solid Waste Disposal Commission Operating Fund

Operating Fund Ending Balance March 2018		3,401,693.91
Cash Receipts:		
Trustee's Collections - Prior Year	0	
Surcharge - Host Fees (Mar 2018)	12,629.24	
Surcharge - Security Fees (Mar 2018)	15,786.55	
Investment Income	2,461.03	
Total Monthly Revenue		30,876.82
Cash Disbursements:		
Board & Committee Members Fees	(300.00)	
Social Security	(3.10)	
Employer Medicare	(0.73)	
Audit Services (Mitchell Emert & Hill)		
Contracts with Private Agencies (Santek)		
Engineering Services (Santek)		
Contributions (Loudon Utilities - Quarterly)	0.00	
Legal Services (Kennerly Mar 2017)	0.00	
Legal Notices		
Other Contracted Services (Mowing)		
Materials (Reimb Mr. Watkins for certificates)		
Building & Content Insurance		
In-Service/Staff Development		
Trustee's Commission	(284.16)	
Total Cash Disbursements		(587.99)
Expenditure Credit:		
Trustee Commission Adjustment		0.00
<u>Operating Fund Ending Balance April 2018</u>		3,431,982.74

Poplar Springs Subfund

Poplar Springs Subfund Balance March 2018		198,723.09
Cash Receipts:		
Total Monthly Revenue	0.00	0.00
Cash Disbursements:		
Poplar Springs Legal Services	0.00	
Total Cash Disbursements		0.00
<u>Poplar Springs Subfund Balance April 2018</u>		198,723.09

<u>TOTAL COMBINED OPERATING AND POPLAR SPRINGS APRIL 2018 BALANCE</u>		3,630,705.83
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Combined Summary - April 2018		
Beginning Balance		3,600,417.00
Plus Operating Revenue		30,876.82
Less Operating and Poplar Springs Disbursements		(587.99)
TOTAL COMBINED BALANCE - APRIL 2018		3,630,705.83

Loudon County Solid Waste Disposal Commission
Contract Modification Proposal
April 5, 2018

The Loudon County Solid Waste Disposal Commission ("LCSWDC") hereby makes the following proposal to modify the Operation Agreement with Santek Environmental, Inc. ("Santek") dated July 1, 2007, regarding the operation of the Matlock Bend Landfill (the "Contract").

- **Contract Extension:** The current Contract between LCSWDC and Santek will be extended approximately 5 years and will terminate on 30 June 2032. (AGREED on 1/9/18)
- **Maximum Permitted Elevation:** Santek will submit a Major Permit Modification to TDEC to reflect a lateral expansion of approximately 26.6 acres (i.e., revised total footprint of 67.2 acres) and a maximum permitted elevation as shown in Santek drawings of 1,125 ft. msl. (AGREED on 1/9/18)
- **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. (AGREED on 1/9/18)
- **Constructed Footprint:** Santek will modify the proposed constructed footprint shown on the attached Santek drawing titled "*MOD 4 VOL – partial closure_Santek.pdf*" to (approximately) the footprint shown in the attached Geosyntec drawing titled "*Conceptual Closure Layout_Rev 1.pdf*." In accordance with the referenced "*Conceptual Closure Layout_Rev 1.pdf*," Santek will construct but only partially fill (and not close) an 11.1 acre portion of liner near the end of the proposed contract extension. This 11.1 acre area will be used and subsequently closed by LCSWDC.
- **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*." The phased closure plan will be submitted to TDEC and will be considered a permit condition for the proposed expansion. 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. A phased closure schedule will be attached to the amended Contract and permit application that will delineate the 11.1 acres of constructed liner area that will be the responsibility of LCSWDC to close at the end of the proposed Contract extension. In the event that areas beyond this 11.1 acre area have received waste during the Contract term but have not yet been closed by Santek under the approved phased closure plan, Santek will provide to LCSWDC the necessary additional funds for LCSWDC to close all such areas that received waste and have not yet been closed. The intent of this provision is to ensure that LCSWDC will not be financially responsible to close any more than 11.1 acres at the conclusion of the extended Contract term.
- **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). (AGREED on 1/9/18) Santek will also be responsible for maintenance and compliance responsibility for all other portions of the landfill that are closed during the extended Contract term.
- **Host Fee:** Commencing in 2027 and continuing for the duration of the extended Contract term, Santek will provide to LCSWDC a Host Fee each month equivalent to the greater of \$1.00 per ton

or 4% of gross revenue from the Landfill. The Host Fee will be used and maintained by LCSWDC at its discretion for LCSWDC operations. (AGREED on 1/9/18)

- **Security Fee for LCSWDC for C/PCC Liability:** Santek will provide to LCSWD a Security Fee each month of \$1.75 per ton of waste to address the LCSWDC's closure and post-closure care (C/PCC) liabilities. The amount of the Security Fee will be provided by Santek and maintained by LCSWDC for the duration of the extended Contract through 2032, but the amount will be adjusted annually based upon the 2 financial objectives set forth directly below.
- **Annual Review and Security Fee Adjustment:** LCSWDC and Santek will agree to an analysis methodology captured in a spreadsheet that will be used to calculate and adjust on an annual basis, as needed, the Security Fee to accomplish the following objectives: 1.) LCSWDC will have sufficient funds in its Security Fee account to cover its liability for C/PCC costs by the end of the current contract in 2027; and 2.) LCSWDC will have \$1.6M remaining in its Security Fee account in 2032 after deduction of funds to cover its liability for C/PCC costs.

* The foregoing proposal is based upon the following underlying assumptions:

1. 641 tons of waste per day for 270 days per year = 173,070 tons per year
2. 1,314,169 tons of remaining airspace at end of 2016
3. Closure Costs in 2016 at \$126,728 per acre
4. Post-Closure Care Costs in 2016 at \$47,073 per acre

(AGREED on 1/9/18)



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

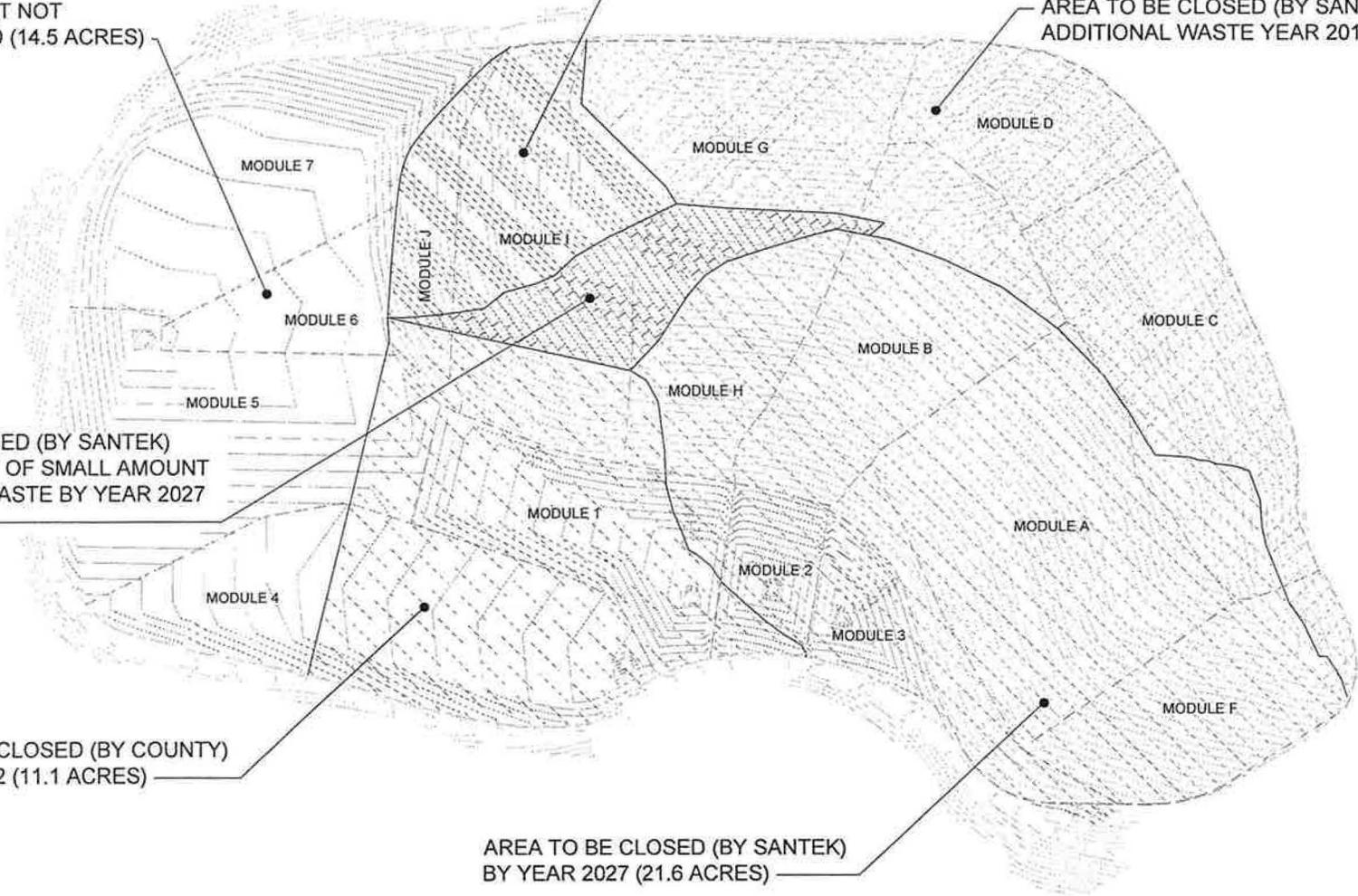
AREA TO BE CLOSED (BY SANTEK) WITH NO ADDITIONAL WASTE YEAR 2018 (13.2 ACRES)

PERMITTED BUT NOT CONSTRUCTED (14.5 ACRES)

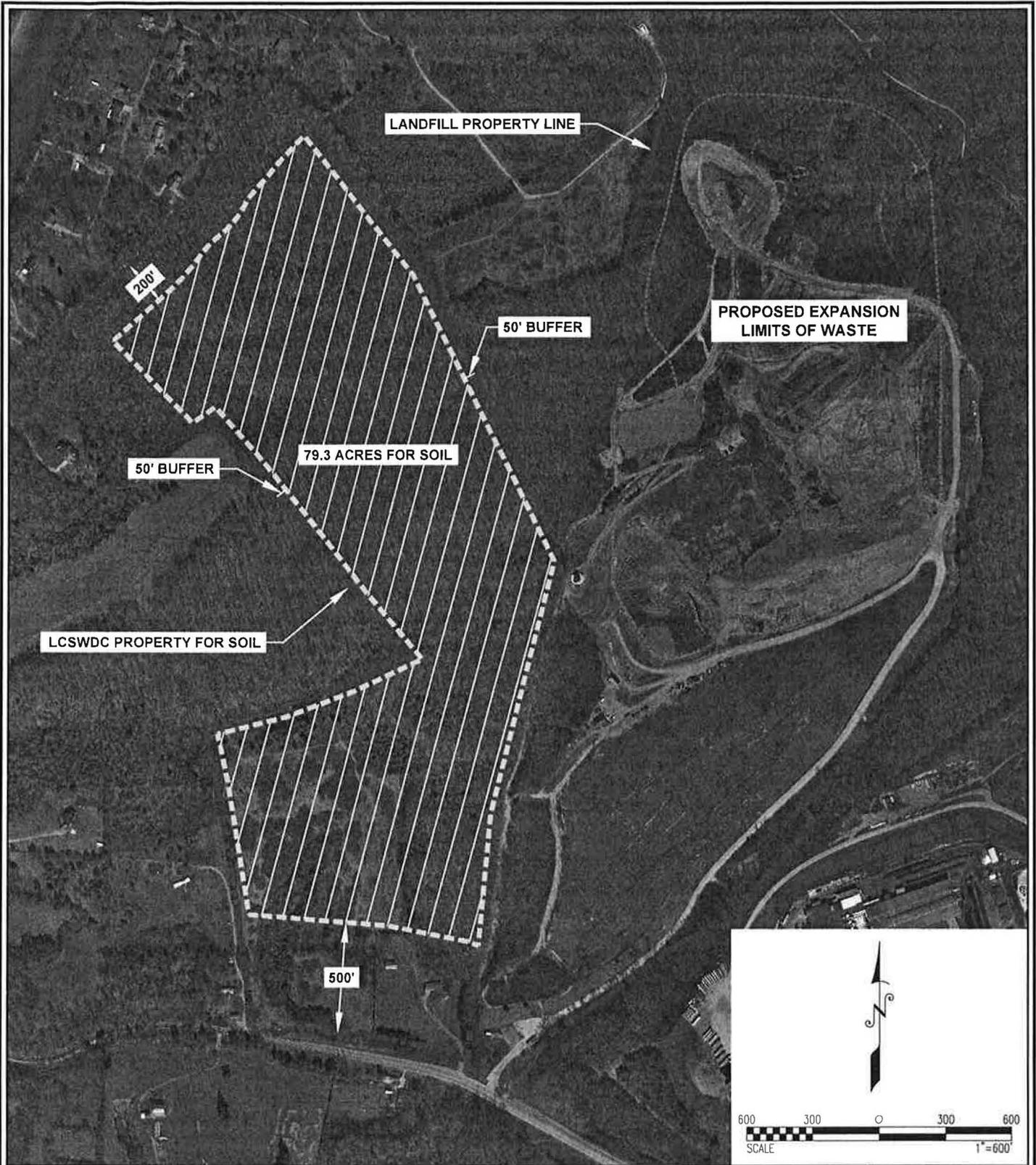
AREA TO BE CLOSED (BY SANTEK) WITH PLACEMENT OF SMALL AMOUNT OF ADDITIONAL WASTE BY YEAR 2027 (2.5 ACRES)

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

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



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LCSWDC SOIL PROPERTY

MATLOCK BEND LANDFILL LOUDON COUNTY, TENNESSEE

DRAWN BY: JW	SCALE: AS NOTED	DATE: 5/14/18
CHECKED BY: RV	APPROVED BY: RV	



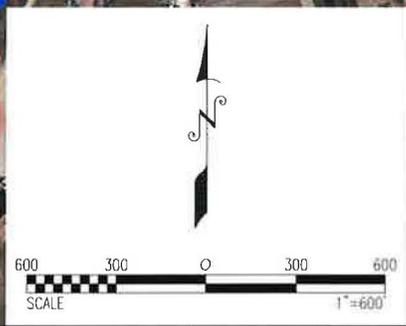
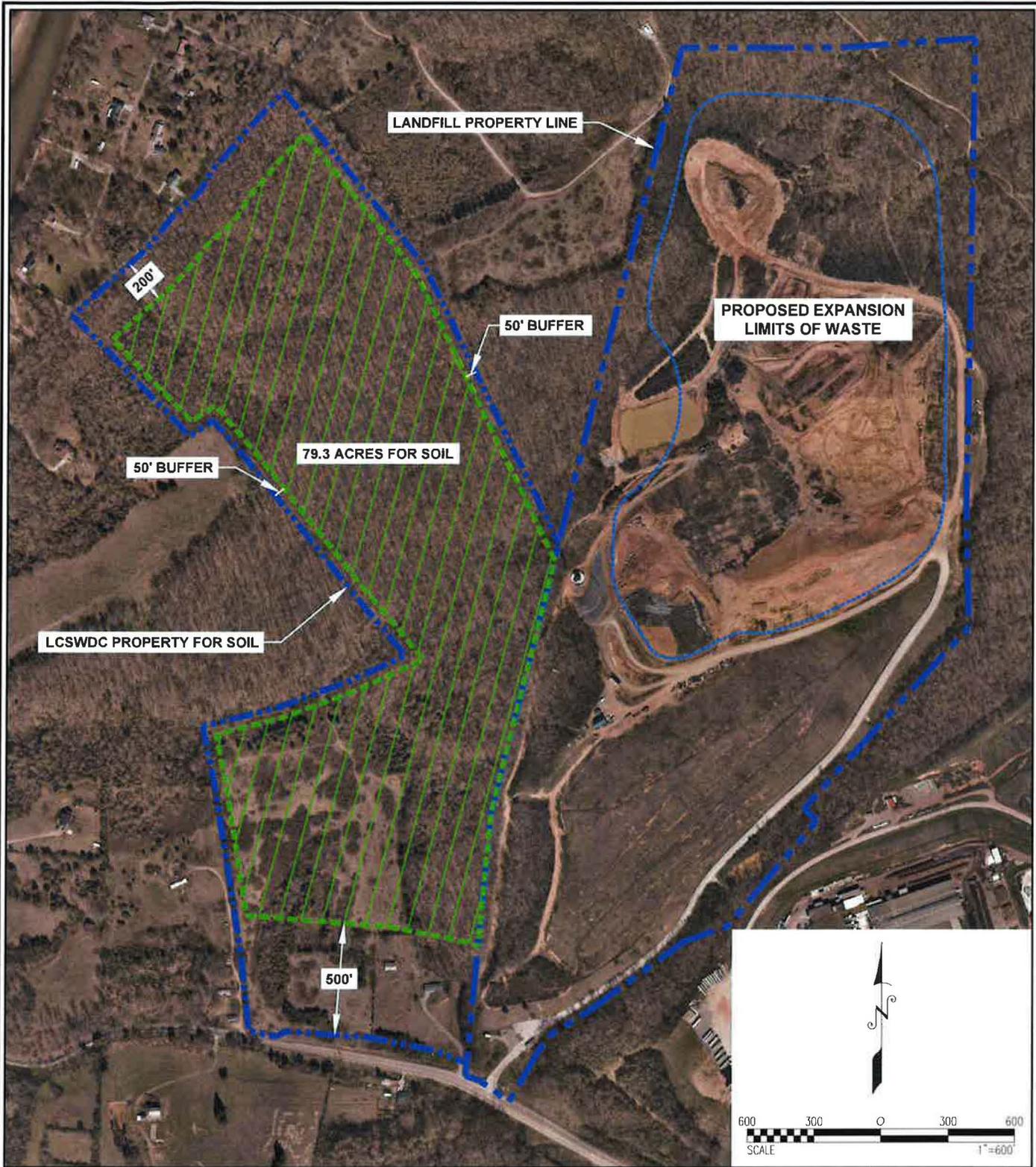
650 25TH STREET NW
SUITE 100
CLEVELAND,
TENNESSEE
(423) 303-7101

200-1815
file dwg. no.

1
drawing number

LCSWDC PROPERTY
job no.

GSWORK\LOUDON\200-1815\2-26-12 aerial_LSWDC Property soil.dwg, 5/14/2018 5:02:22 PM, DWG To PDF.pc3



LCSWDC SOIL PROPERTY

MATLOCK BEND LANDFILL
LOUDON COUNTY, TENNESSEE

DRAWN BY: JW	SCALE: AS NOTED	DATE: 5/14/18
CHECKED BY: RV	APPROVED BY: RV	



650 25TH STREET NW
SUITE 100
CLEVELAND,
TENNESSEE
(423) 303-7101

200-1815
file dwg. no.

1
drawing number

LCSWDC PROPERTY
job no.



State of Tennessee
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
KNOXVILLE ENVIRONMENTAL FIELD OFFICE
3711 MIDDLEBROOK PIKE
KNOXVILLE, TENNESSEE 37921-6538

May 4, 2018

Mr. Steve Fields, Chairman
Loudon County Solid Waste Disposal Commission
100 River Road
Loudon, TN 37774

RE: LEACHATE MANAGEMENT COMPLIANCE
Loudon County Matlock Bend Class I Landfill-SNL 53-0203

Dear Mr. Fields:

The Division has reviewed the early versions submitted by CEC Engineering Consultants dated January 24, 2018 for demonstrating compliance with Division Rule 0400-11-01-.04(4)(a)(7)(i) and Rule 0400-11-01-.04(4)(a)(7)(iii)(II)-(III). The Division recognizes the efforts performed and information provided. Some direct measurements or cell specific flowrates must be incorporated into the site's plan. Modeling performed and leachate analysis although of some benefit has been determined to be inadequate as a standalone approach. Additionally the Division understands readings have been obtained and will continue to fully assess the collection of data points. Please submit the site plan with any necessary stamped drawings as a **minor permit modification** on or before July 2, 2018.

A complete plan that can be used to evaluate the system proposed can be attached to a Minor Permit Modification and should, at a minimum, consist of the following:

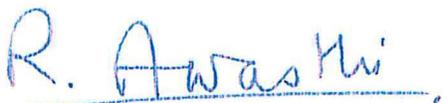
- Plan narrative explaining how they plan on achieving compliance. The narrative should discuss components that will be used, monitoring frequencies, recordkeeping, etc.
- Plan showing the site and location of each leachate sump or the area functioning as such.
- Cross section of each sump that will be retrofitted showing the elevation of the bottom of the sump, the elevation of the liner, the compliance level (12-inches above liner), the transducer location, the display panel location, etc.
- Cut-sheets of the proposed equipment, if available.

Mr. Steve Fields
May 4, 2018
Page 2 of 2

The leachate storage calculations should be included as detailed in the first plan version with any pertinent information as this one document/minor modification will be a reference document for site operators and inspectors.

If you have any questions, please do not hesitate to contact Paula Plont at (865) 594-5474.

Sincerely,

A handwritten signature in blue ink that reads "R. Awasthi". The signature is written in a cursive style and is underlined with a blue line.

Revendra Awasthi
Environmental Field Office Manager
Division of Solid Waste Management

cc: DSWM NCO via electronic mail
Knoxville DSWM Files
Ashley Holt, DSWM, Deputy Director Field Operations, NCO via electronic mail
Craig Almanza, Solid Waste Program Manager, NCO via electronic mail
Raymond Givens, Landfill Manager, Santek







⚠ WARNING

EXPLOSION HAZARD
 DO NOT DISCONNECT
 EQUIPMENT UNLESS POWER
 HAS BEEN SWITCHED OFF
 OR THE AREA IS KNOWN
 TO BE NON-HAZARDOUS.

APERTISSEMENT

⚠ WARNING

Shock hazard.
 Shut off power before servicing.
 Do not operate without proper terminal cover.

April 26, 2018

Ms. Cheryl L. Dunson
Executive Vice-President of Marketing
Santek Waste Services
650 25th Street, N.W., Suite 100
Cleveland, TN 37311

VIA EMAIL AND REGULAR U.S. MAIL

**Re: Loudon County Solid Waste Disposal Commission
Santek Waste Services Unauthorized Landfill Charges**

Dear Ms. Dunson:

As discussed at the Loudon County Solid Waste Disposal Commission (“LCSWDC”) meeting of April 10, 2018, it was recently discovered that Santek Waste Services (“Santek”) has been charging certain customers of the Matlock Bend Landfill an “Environmental Fee” in addition to the applicable tipping fee. Prior to this meeting, LCSWDC was not aware that Santek had unilaterally implemented an Environmental Fee and had received no financial records of the funds received by Santek from Landfill customers as a result of this additional Environmental Fee. Attached hereto for reference are exemplar Invoices from Santek reflecting that flat Environmental Fees of \$2.35 per visit were charged to two separate Landfill customers on April 6, 2018.

Be advised that Section 10.3 of Section Sanitary Landfill Operation Agreement executed between the parties on July 7, 2007 (the “Agreement”) only authorizes Santek to charge a reasonable per ton tipping fee to users of the Landfill during the term of the Agreement. Nowhere in this Section or any other Section of the Agreement is Santek authorized to charge a separate Environmental Fee. Further, Section 10.3 of the Agreement requires that Santek request approval from LCSWDC for any proposed increases in tipping fees attributable to any governmental regulations implemented after the effective date of the Agreement and which may adversely affect Santek. At no time did Santek request permission from LCSWDC to charge any Environmental Fee and in fact Santek never provided LCSWDC that it had unilaterally implemented such Environmental Fee.

Not only is Environmental Fee charged by Santek impermissible under the Agreement, but Santek’s resultant failure to account for funds received from this Environmental Fee has materially impacted LCSWDC’s financial position. Specifically, Santek has failed to remit the required Host Fees and Closure/Post-Closure Security Fees to LCSWDC that should have been deducted from Santek’s gross receipts from all tipping fees and other charges, including the Environmental Fee. Santek’s unauthorized imposition of this Environmental Fee and

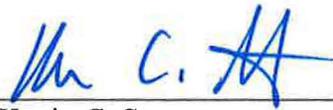
corresponding failure to remit any gross receipts from such Environmental Fee to LCSWDC constitutes a material breach of the Agreement.

Based upon the foregoing, LCSWDC hereby requests that Santek promptly provide a full accounting of all gross receipts received by Santek as a result of any Environmental Fee charged to customers of the Landfill since the imposition of this Environmental Fee. LCSWDC further reserves the right to conduct an independent audit of Santek's accounts for this purpose in accordance with the Agreement. Upon review of this information, LCSWDC will be in a position to evaluate all damages attributable to Santek's material breach of the Agreement in this regard.

LCSWDC is hopeful that the parties can resolve this matter amicably. However, LCSWDC expressly reserves the right to pursue any and all legal remedies available to it under the Agreement and applicable laws. Thank you for your prompt consideration of this important matter.

Sincerely,

KENNERLY, MONTGOMERY & FINLEY, P.C.

By  _____
Kevin C. Stevens

cc: Chairman Steve Field and Committee Members



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

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

**Monthly Operations Report
Matlock Bend Landfill
May 15, 2018**

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

- I. OPERATIONS**
 - A. Tonnage Report
 - B. Customer Report
 - C. Inspection
 - D. Materials Classification Report
 - E. Waste Characterization Report
 - F. Tire Report
 - G. Quarterly Waste Origin Report
 - H. Quarterly Surcharge & Inspection Fee Report
 - I. Tellico Lake Shore Clean Up Results

- II. AIRSPACE UTILIZATION SCHEDULE**

- III. HOST & SECURITY FEES**

LANDFILL TONNAGE VOLUME
MONTH ENDING -
APRIL 2018

MATLOCK BEND LANDFILL

MONTH	2017	2018	2017 TO 2018
JANUARY	15,336.42	15,858.64	522.22
FEBRUARY	14,991.58	13,865.56	(1,126.02)
MARCH	16,055.37	15,779.17	(276.20)
APRIL	14,472.05	15,147.53	675.48
MAY			0.00
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	60,855.42	60,650.90	(204.52)

**DAILY AVG FOR ANY
 RUNNING 30 DAY
 PERIOD 504.92**

LOUDON COUNTY

MONTH	2017	2018	2017 TO 2018
JANUARY	477.16	471.26	(5.90)
FEBRUARY	424.98	419.40	(5.58)
MARCH	498.94	496.17	(2.77)
APRIL	507.83	524.80	16.97
MAY			0.00
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	1,908.91	1,911.63	2.72

**DAILY AVG FOR 22.5
 DAY PERIOD 673.23**

LENOIR CITY

MONTH	2017	2018	2017 TO 2018
JANUARY	320.21	311.92	(8.29)
FEBRUARY	280.52	294.51	13.99
MARCH	375.49	353.46	(22.03)
APRIL	345.90	368.49	22.59
MAY			0.00
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	1,322.12	1,328.38	6.26

CITY OF LOUDON

MONTH	2017	2018	2017 TO 2018
JANUARY	374.21	363.15	(11.06)
FEBRUARY	316.79	344.19	27.40
MARCH	407.26	371.66	(35.60)
APRIL	368.89	427.07	58.18
MAY			0.00
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	1,467.15	1,506.07	38.92

WASTE SERVICES OF TN

MONTH	2017	2018	2017 TO 2018
JANUARY	2,573.63	2,437.61	(136.02)
FEBRUARY	2,358.39	2,331.36	(27.03)
MARCH	2,521.29	2,635.18	113.89
APRIL	2,350.38	2,721.66	371.28
MAY			0.00
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	9,803.69	10,125.81	322.12

TENNESSEE TRASH

MONTH	2017	2018	2017 TO 2018
JANUARY	3,735.96	3,854.46	118.50
FEBRUARY	3,572.92	3,518.63	(54.29)
MARCH	3,906.62	4,121.81	215.19
APRIL	3,800.78	4,469.98	669.20
MAY			0.00
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	15,016.28	15,964.88	948.60

LANDFILL TONNAGE VOLUME
MONTH ENDING -
APRIL 2018

KIMBERLY CLARK - PAPER WASTE

MONTH	2017	2018	2017 TO 2018
JANUARY	4,389.45	5,057.39	667.94
FEBRUARY	4,197.85	3,563.87	(633.98)
MARCH	3,834.53	4,234.12	399.59
APRIL	3,145.34	3,071.82	(73.52)
MAY			0.00
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	15,567.17	15,927.20	360.03

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

**CLASS I
LANDFILL**

SITE		Check Site for Enforcement	DATE	TIME	WEATHER
Loudon County Landfill		SNL530000203	20180501	14:50	76 deg F clear
21712 Highway		INSPECTOR	EFO		
		P. Plont	KNOX		
*SEE DISCLAIMER ON LAST PAGE					
VIOLATION		REGULATION	OBSERVATION NVO AOC V1 V2		COMMENTS
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"/>
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"/>
8340	INADEQUATE LEACHATE COLLECTION SYSTEM	0400-11-01-.04(4)(a)7 ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMUNICATIONS					
8130	NO COMMUNICATION DEVICES	0400-11-01-.04(2)(f) ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COVER MATERIAL					
8160	UNAVAILABILITY OF COVER MATERIAL.	0400-11-01-.04(2)(h) ?	<input checked="" 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"/>
DUST CONTROL					
8190	INADEQUATE DUST CONTROL	0400-11-01-.04(2)(j) ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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"/>
8590	PERMITS, PLANS, OPERATING MANUAL NOT AVAILABLE	0400-11-01-.02(5)(a)(7) ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FIRE SAFETY					
8080	EVIDENCE OF OPEN BURNING	0400-11-01-.04(2)(c)1 ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*SEE DISCLAIMER ON LAST PAGE

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"/>	
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"/>	

*SEE DISCLAIMER ON LAST PAGE

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"/>	
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"/>	at base of newest waste at interface with older lower waste wet areas emerging next to highly compacted road, no flow observed clay darker-need to add clay & compact this interface area
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"/>	
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"/>	reviewed April's log today no issues
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"/>
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"/>
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"/>
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"/>
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"/>
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"/>

*SEE DISCLAIMER ON LAST PAGE

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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"/>	
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"/>	
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

cell H & F sumps both at 23 inches today during inspection. Tank had ~ 3feet of liquids. No issue. Flow meter newly installed with 2 days of data recorded.

Additional Comments

After work the interface of the new waste area to the older lower area send inspector site photos showing condition of that area. Areas observed as wet but not running so AOC level identified with request to add more clay & compaction to address and improve clay to clay bonding/sealing.

Materials Classification Report
Matlock Bend Landfill
Monthly Tonnage Summary April 2018

Material	Tonnage	2015 Sludge %		2016 Sludge %	
MSW		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	3,208				
Ash	0				
Sludge	846				
Total Special Waste	4,054				
Total MSW & SW	15,148				
Tires	44				
Total Material	15,192				
% MSW	73%				
% Special Waste	27%				
% Sludge	6%				

2017 Sludge %		2018 Sludge %	
January	5%	January	4%
February	8%	February	4%
March	8%	March	5%
April	7%	April	6%
May	4%	May	0%
June	2%	June	0%
July	3%	July	0%
August	4%	August	0%
September	7%	September	0%
October	8%	October	0%
November	6%	November	0%
December	5%	December	0%

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

Month	Tonnage
Jul-17	47.28
Aug-17	54.96
Sep-17	39.52
Oct-17	33.36
Nov-17	37.12
Dec-17	49.34
Jan-18	19.74
Feb-18	26.26
Mar-18	18.18
Apr-18	60.58
May-18	
Jun-18	
Total (tons)	386.34

Landfill Origin Report for Loudon County, Tennessee**Advertised Tipping Fee Per ton \$28.45**

Origin of Waste (Name of County)	Waste Received From County, Transfer Station or Other	Q1 2018	Q2 2018	Q3 2018	Q4 2018	YTD Total
Anderson	County	38.87				
Knox	County	367.24				
Loudon	County	41,127.85				
McMinn	County	297.91				
Monroe	County	996.11				
Roane	County	2,474.62				
Blount	County	193.12				
Meigs	County	7.65				
Rhea	County	0.00				
Bradley	County	0.00				
		45,503.37		0.00	0.00	45,503.37



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

PRINT FORM

YEAR

2018

RESET FORM

QUARTER

- Q1 JAN - MAR
 Q2 APR - JUN
 Q3 JUL - SEP
 Q4 OCT - DEC

QUARTERLY SOLID WASTE SURCHARGE AND FACILITY INSPECTION FEE REPORT

1. FACILITY INFORMATION

FACILITY ID SNL 53-103-0203	FACILITY NAME Matlock Bend Landfill
PHYSICAL LOCATION ADDRESS 21712 HWY 72 North	CITY STATE ZIP Loudon TN 37774
FACILITY MANAGER OR SITE OPERATOR Loudon County/Santek Environmental LLC	(AREA CODE) + PHONE EMAIL 423-303-7101 j.miller@santekenviro.com

2. FEE CALCULATION

LINE	DESCRIPTION	FORMULA	AMOUNT	UNIT	LINE
LINE 1	AMOUNT OF WASTE RECEIVED	FIRST MONTH OF REPORTING QUARTER	15,858.64	TONS	1
LINE 2	AMOUNT OF WASTE RECEIVED	SECOND MONTH OF REPORTING QUARTER	13,865.56	TONS	2
LINE 3	AMOUNT OF WASTE RECEIVED	THIRD MONTH OF REPORTING QUARTER	15,779.17	TONS	3
LINE 4	TOTAL AMOUNT OF WASTE RECEIVED	ADD LINE1 + LINE2 + LINE3	45,503.37	TONS	4
LINE 5	SURCHARGE	MULTIPLY LINE 4 X .90	40,953.04		5
<input checked="" type="checkbox"/> CHECK IF YOU ARE CLAIMING THE 1% "ON-TIME PAYMENT DEDUCTION", IF NOT, ENTER \$0.00 ON LINE 6					
LINE 6	1% DEDUCTION IF PAYMENT MADE ON-TIME	MULTIPLY LINE 5 X .01	409.53		6
LINE 7	SUBTOTAL	SUBTRACT LINE 5 - LINE 6	40,543.51		7
LINE 8	FACILITY INSPECTION FEE	MULTIPLY LINE 4 X .35	15,926.18		8
LINE 9	SUBTOTAL	ADD LINE 7 + LINE 8	56,469.69		9
LINE 10	OUTSTANDING DEBIT	ENTER DEBIT AMOUNT HERE, ADD TO LINE 9 AND ENTER TOTAL ON LINE 12	0		10
LINE 11	OUTSTANDING CREDIT	ENTER CREDIT AMOUNT HERE, SUBTRACT FROM LINE 9 AND ENTER TOTAL ON LINE 12	0		11
LINE 12	TOTAL DUE	PAY THIS AMOUNT →	\$ 56,469.69		12

Q1 FEES DUE APRIL 30 Q2 FEES DUE JULY 31 Q3 FEES DUE OCTOBER 31 Q4 FEES DUE JANUARY 31 MAKE REMITTANCE PAYABLE TO: TREASURER, STATE OF TENNESSEE.

3. CERTIFICATION REQUIRED

I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

→ Jamie Miller
 SIGNATURE OF OWNER / OPERATOR
Staff Accountant
 TITLE

Jamie Miller
 PRINTED NAME
4/23/18
 DATE SIGNED

F0102515

Cheryl Dunson

From: Denny Frye
Sent: Wednesday, April 11, 2018 2:51 PM
To: Cheryl Dunson
Subject: RE: Lake shore clean up

Morgan – 1.09 tons
Poplar - .90 tons
Clear Creek - .59 tons
Kahite Maint. - .65 tons

Here you go. Let me know if you need anything else.

From: Cheryl Dunson
Sent: Wednesday, April 11, 2018 10:20 AM
To: Denny Frye <dfrye@santekenviro.com>
Subject: FW: Lake shore clean up

Good morning, Denny!

Please see the email below from Mr. Waldrop about tonnages for the Tellico Lake clean up. Can you help me with this, please, or do I need to talk to someone else?

Thanks,

Cheryl

Cheryl L. Dunson
EVP of Marketing



650 25th Street N.W., Suite 100
Cleveland, TN 37311
423-303-7107 Direct
423-284-8876 Cell
cheryl@santekenviro.com
www.santekenviro.com

"You can't live a perfect day without doing something for someone who will never be able to repay you." - John Wooden

Matlock Bend Landfill - Module I-A 2018 Airspace Projection / Construction Schedule

DATE	REMAINING AIRSPACE ¹ (CY)	MONTHLY TONNAGE	ACTUAL / PROJECTED ²	UTILIZATION FACTOR	MONTHLY VOLUME CONSUMED (CY)	ENDING MONTHLY REMAINING AIRSPACE (CY)
		15,019		1.44		
Sept. 7, 2017	260,032	-	-	-	-	-
Sept. 8 - 30, 2017	-	13,104	A	1.44	18,870	241,162
October	-	17,669	A	1.44	25,443	215,719
November	-	16,195	A	1.44	23,321	192,398
December	-	15,566	A	1.44	22,415	169,983
January '18	-	15,885	A	1.44	22,874	147,109
February	-	13,724	A	1.44	19,763	127,346
March	-	16,142	A	1.44	23,244	104,102
April	-	15,192	A	1.44	21,876	82,225
May	-	12,120	P	1.44	17,453	64,772
June	-	12,120	P	1.44	17,453	47,320
July	-	12,120	P	1.44	17,453	29,867
August	-	12,120	P	1.44	17,453	12,414
September	-	12,120	P	1.44	17,453	0
October	-	12,120	P	1.44	17,453	0
November	-	12,120	P	1.44	17,453	0
December	-	12,120	P	1.44	17,453	0

¹ = Remaining airspace based on September 7, 2017 aerial survey.

Full Date

September-2018

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)

** Note: April minus 3,072 tons per month for Kimberly Clark is 12,120.

Tonnage for Past 3 Months

February	13,724
March	16,142
April	15,192
Average	15,019

cc: Tim

Matt

Cheryl

Ron

Raymond

Jason

Mark

SANTEK



WasteServices

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

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

May 11, 2018

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

Dear Steve:

Pursuant to Section 10.6 and 10.7 of the Sanitary Landfill Operation Agreement between Loudon and Santek as of July 1, 2007, Santek agreed to pay the Commission a host fee and security fee as defined in the Agreement. The following recap reflects the calculation for the period April 1, 2018 to April 30, 2018:

Host Fees (Greater of below) –	
Total Tip Fees Billed	\$315,086.69
Host Fee Percentage	4.00%
	<u>\$ 12,603.47</u>
Minimum Fee	<u>\$ 10,652.00</u>
Security Fees (Greater of below) –	
Total Tonnage Received	15,147.53
Rate per ton	<u>\$ 1.00</u>
Total	\$ 15,147.53
Total Tip Fees Billed	\$315,086.69
Security Fee Percentage	5.00%
	<u>\$ 15,754.33</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 C. Mathys
Vice President of Finance & Corporate Controller