

AGENDA
LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION
September 13, 2016
6:30 p.m.
LOUDON COUNTY COURTHOUSE ANNEX
Loudon, Tennessee

1. Opening of Meeting, Pledge of Allegiance, Invocation
2. Approval of Minutes – August 9, 2016
3. Items of Public Concern
4. Cash Activity Report
5. Operations Report
6. Contract Modification Update
7. Poplar Springs Update
8. Discussion - Solid Waste Disposal Commission Records
9. Attorney's Report
10. Chairman's Report – Approval process
11. Other Items of Commission's Consideration
12. Adjourn

Loudon County Department of Accounts and Budgets
Solid Waste Disposal Fund 207
Monthly Cash Report
August 2016

July 2016 Combined Ending Cash Balance per Monthly Report		3,204,188.43
Adjustments:		
	0.00	
	0.00	
Total Adjustments		0.00
Adjusted July 2016 Combined Ending Balance per Loudon Co Trustee		3,204,188.43

Solid Waste Disposal Commission Operating Fund

Operating Fund Ending Balance July 2016		2,921,997.88
Cash Receipts:		
Trustee's Collections - Prior Year	0	
Surcharge - Host Fees (July 2016)	11,150.41	
Surcharge - Security Fees (July 2016)	14,517.67	
Investment Income	1,907.78	
Total Monthly Revenue		27,575.86
Cash Disbursements:		
Board & Committee Members Fees		
Audit Services (Mitchell Emert & Hill)		
Contracts with Private Agencies (Santek)		
Engineering Services (Santek)		
Contributions (Loudon Utilities - Quarterly)		
Legal Services (July 2016)	(2,500.00)	
Legal Notices		
Other Contracted Services (Mowing)		
Building & Content Insurance		
In-Service/Staff Development (Refund)		
Trustee's Commission	(265.80)	
Total Cash Disbursements		(2,765.80)
Expenditure Credit:		
Trustee Commission Adjustment		0.00
<u>Operating Fund Ending Balance August 2016</u>		2,946,807.94

Poplar Springs Subfund

Poplar Springs Subfund Balance July 2016		282,190.55
Cash Receipts:		
Total Monthly Revenue	0.00	0.00
Cash Disbursements:		
Legal Services		
Legal Services Repayment to Operating Fund	0.00	
Total Cash Disbursements		0.00
<u>Poplar Springs Subfund Balance August 2016</u>		282,190.55

<u>TOTAL COMBINED OPERATING AND POPLAR SPRINGS AUGUST 2016 BALANCE</u>		3,228,998.49
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Combined Summary - August 2016		
Beginning Balance		3,204,188.43
Plus Operating Revenue		27,575.86
Less Operating and Poplar Springs Disbursements		(2,765.80)
TOTAL COMBINED BALANCE - AUGUST 2016		3,228,998.49

**Loudon County Rates
2007 to Current**

	Rate	Effective Date	% of CPI Increase
Gate Rate	\$ 26.90 TN	9/28/07	
Gate Rate	\$ 27.45 TN	7/1/10	2.0%
Gate Rate	\$ 28.45 TN	2/1/16	3.5%
Loudon County/Loudon Co Conv Centers	\$ 18.75 TN	9/28/07	
Loudon County/Loudon Co Conv Centers	\$ 19.28 TN	7/1/10	2.8%
Loudon County/Loudon Co Conv Centers	\$ 19.97 TN	7/1/11	3.6%
Loudon County/Loudon Co Conv Centers	\$ 20.67 TN	10/1/16	3.5%
City of Loudon	\$ 18.75 TN	9/28/07	
City of Loudon	\$ 19.28 TN	7/1/10	2.8%
City of Loudon	\$ 19.97 TN	7/1/11	3.6%
City of Loudon	\$ 20.67 TN	10/1/16	3.5%
Lenoir City	\$ 18.75 TN	9/28/07	
Lenoir City	\$ 19.28 TN	7/1/10	2.8%
Lenoir City	\$ 19.97 TN	7/1/11	3.6%
Lenoir City	\$ 20.67 TN	10/1/16	3.5%

AMENDED AND RESTATED
LOUDON COUNTY SOLID WASTE DISPOSAL AGREEMENT

An Intergovernmental Agreement between the City of
Lenoir City, the County of Loudon, and the City of Loudon

THIS AGREEMENT, made and entered into effective the 1st
day of March, 1993, by and between the COUNTY OF LOUDON, THE CITY
OF LENOIR CITY, and THE CITY OF LOUDON, all political subdivisions
of the State of Tennessee;

WHEREAS, by an intergovernmental agreement, dated
September 12, 1983, the parties agreed to the procurement and
development of a permanent sanitary landfill site for Loudon
County; and

WHEREAS, under the agreement Loudon County assumed the
responsibility for the procurement of the site, issued capital
outlay notes in the sum of Two Hundred Fifty Thousand Dollars
(\$250,000.00), and by eminent domain, obtained the Hirsch-Powell
property on Old State Highway 72 near the Matlock Bend area for
the approximate amount of One Hundred Fifty-Three Thousand Dollars
(\$153,000.00); and

WHEREAS, during that time, the City of Loudon continued
to operate the jointly leased Poplar Springs landfill site
previously operated by joint agreement of the parties hereto, and
was responsible for the maintaining of the jointly owned assets
and the sanitary landfill funds that were derived from the
revenues from the operation of the leased landfill; and

WHEREAS, the Matlock Bend sanitary landfill site was
constructed and prepared, and at the time of the execution of the
subsequent June 1, 1987, agreement (which this agreement amends),
the Poplar Springs landfill had been closed and the new site was
in operation under the continuing daily operational responsibility
of the City of Loudon, as agreed to by the parties; and

WHEREAS, the Solid Waste Disposal Commission formed under
this original agreement, has been responsible for the operation
of the Matlock Bend Sanitary Landfill since that time, and in
recent years has had an operational agreement with Santek
Enterprises of Cleveland, Tennessee; and

WHEREAS, it appears that the cost of operating sanitary landfills, or other solid waste disposal methods, because of more stringent regulations, is going to increase in the future, and a joint operation is essential; and

WHEREAS, it now further has been agreed that the Loudon County Solid Waste Disposal Commission, is to be organized as a continuation of the previous Commission, but to comply with the new regulations and laws involving the Solid Waste Management Act of 1991 (T.C.A. 68-211-801 et seq.), wherein Loudon County has been approved as a Solid Waste Planning Region, for which the Loudon County Solid Waste Disposal Commission shall become the Board for the newly created Loudon County Solid Waste Region; and

WHEREAS, the Loudon County Solid Waste Disposal Commission has been responsible for the overall supervision of the landfill, the development of policy, and for all decisions about solid waste management disposal in Loudon County, and these responsibilities, along with the new authority and responsibility that devolves upon the Commission by virtue of the Solid Waste Management Act of 1991, shall continue except as otherwise properly limited by this Agreement; and

WHEREAS, basically the original Intergovernmental Agreement shall continue, but with some changes being desirable and necessary, it is agreed the new operational agreement is stated as follows:

W I T N E S S E T H

NOW, THEREFORE, IT IS AGREED between the parties as follows:

1. Required Participation: That all parties hereto shall participate in the use of a joint landfill site, called the Loudon County Sanitary Landfill, on Old Highway 72, for all solid waste collected by the parties, which includes, at the least, all residential sanitary waste, and all commercial and industrial sanitary waste, controlled by the parties except for demolition waste and other waste not acceptable by law. However, where deemed appropriate, exemptions or exceptions may be made by the

Commission to the requirement that the landfill must be used by the parties to the Intergovernmental Agreement.

2. Establishment of Commission: There shall be seven (7) members of the Commission. Five (5) shall be appointed by the County Executive and approved by the County Commission, and one (1) member each shall be appointed by the Mayors of the Cities of Lenoir City and Loudon, and approved by the respective City Councils. Members of the Commission shall serve six (6) year terms. The three original slots (appointed by the two Mayors and the County Executive) shall each be for initial six (6) year terms (Panel A); two of the members appointed by the County Executive shall serve an initial four (4) year term (Panel B); and two of the members appointed by the County Executive shall serve an initial two (2) year term (Panel C), all terms to be effective March 1, 1993.

3. Assets of the Commission: All monetary and other capital assets resulting from the previous existing agreement and operation of the Poplar Springs landfill, and all assets accrued in the intervening time, shall continue under jurisdiction of the new Commission.

4. Purpose and Authority of the Commission: The Commission shall have the purpose, authority and responsibility for:

A. The overall supervision of the landfill to include the following:

(1). The establishing of policies for the operation and management of the landfill to include major capital expenditures.

(2). The raising or lowering of tip fees or other charges that might be assessed for the use of the landfill.

(3). The daily operation and management of the landfill will be done by the City of Loudon for a period of one (1) year from the date the new landfill is opened, at which time the arrangement will be reviewed and a decision made by the Solid Waste Disposal Commission as to the continuation of the operational agreement, or as to some other alternative management.

The current operation and management agreement shall remain in effect until such time as a new agreement is reached by the Solid Waste Disposal Commission as to a change.

(4). It is specifically agreed that the unbudgeted purchase of capital items, the expenditures of any major sums of money, and the obligation of the Commission to any contracts for more than one (1) year are policy decisions to be made by the Disposal Commission.

(5). The decision as to what organizations, businesses, and parties may utilize the landfill and any other disposal facilities operated by the Commission shall be under the jurisdiction and discretion of the Commission.

B. The periodic review, and study if necessary, of the solid waste disposal problems and needs of the County, and to make recommendations to the respective governing bodies of the parties to this agreement.

C. Assumes all authority and powers, and the responsibilities, which devolve upon a municipal solid waste region board (T.C.A. 68-211-801 et seq.) by virtue of State law and regulations.

5. Organizational Rules of the Commission: The Commission shall be authorized to adopt its own rules of organization and procedure except as otherwise required herein.

A. The Commission may set its own meeting days, times, and dates, although it is required to meet at least quarterly.

B. A quorum is the personal presence of at least four (4) members, and at least four (4) affirmative votes are required before any action can be adopted.

C. Special meetings may be called by the Chairman or by any two (2) of the parties by giving reasonable notice of the time and place of such meeting to all members.

D. Notice to the public of all meetings shall be given by a written notice delivered to the News-Herald.

E. Minutes shall be kept of all meetings of the Commission.

6. Monthly Reports: The operator of the landfill shall prepare and provide monthly reports to the other parties.

7. Annual Budget: The operator shall prepare a proposed annual budget for presentation to and approval of the Solid Waste Disposal Commission. The budget for the preceding year shall be a continuing document into the subsequent fiscal year until a new budget is adopted.

8. Audits and Records: There shall be an annual audit of the funds of the Commission.

9. Duration of Agreement: The duration of this agreement is indefinite or until otherwise agreed as to termination. Termination requires a unanimous vote. Any one party may withdraw at any time, but shall do so by forfeiting any rights as to the allocation of any assets that might remain.

10. Disposition of Assets: The disposition of assets shall be by agreement of the parties at the time of termination of this agreement, subject to ratification of the respective governing bodies.

11. This Agreement contains amendments from the original Intergovernmental Agreement, and the signatures below indicate approval by the parties to the agreement that this is the restated agreement that shall govern the activities of the parties in waste disposal matters in Loudon County.

IN WITNESS WHEREOF, the duly elected officers of the parties hereto, pursuant to approval from the respective governing bodies, have hereunto set their signatures of each political subdivision, the said agreement to be effective the day and date first above written.

CITY OF LENOIR CITY

COUNTY OF LOUDON

BY: Donald L. Lane

BY: Greg M. Miller

ATTEST:

ATTEST:

Harsik E. Puran
City Recorder

Philip H. Uardle
County Clerk

CITY OF LOUDON

ATTEST:

BY: Bernie R. Swiney

Kevin Phillips
City Recorder

**Contract Modification Update
September 13, 2016**



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

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

Security Fee increases to \$1.50 per ton.

Contract extended for five additional years, generating \$4.5 million in security fees in addition to the Commission's current closure/post-closure accrual.

Santek closes 32 acres of landfill.

Santek lowers the elevation from 1,125 feet to 1,093 feet, 32 feet lower than currently proposed in the major permit modification.

At the termination of the contract, there is no constructed air space. Although the footprint remains the same, the Commission has the option to close the landfill or build additional airspace.

Once Commission agrees to this funding mechanism, Santek immediately modifies the existing major permit modification and submits a phased closure plan to TDEC.

**Monthly Operations Report
Matlock Bend Landfill
September 13, 2016**

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



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

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

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

- II. ENGINEERING**
 - A. Remaining Airspace Utilization Schedule

- III. HOST & SECURITY FEES**

**LANDFILL TONNAGE VOLUME
MONTH ENDING -
AUGUST 2016**

MATLOCK BEND LANDFILL

MONTH	2015	2016	2015 TO 2016
JANUARY	12,350.37	13,035.08	684.71
FEBRUARY	9,780.01	13,619.92	3,839.91
MARCH	14,194.83	15,803.85	1,609.02
APRIL	14,753.38	14,569.65	(183.73)
MAY	13,573.83	14,994.10	1,420.27
JUNE	16,695.74	14,159.65	(2,536.09)
JULY	16,482.91	14,517.67	(1,965.24)
AUGUST	11,362.23	16,139.18	4,776.95
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	109,193.30	116,839.10	7,645.80

**DAILY AVG FOR ANY
RUNNING 30 DAY
PERIOD 511.06**

CITY OF LOUDON

MONTH	2015	2016	2015 TO 2016
JANUARY	339.80	312.87	(26.93)
FEBRUARY	265.51	346.21	80.70
MARCH	385.99	416.82	30.83
APRIL	379.81	366.91	(12.90)
MAY	367.66	383.35	15.69
JUNE	411.35	427.97	16.62
JULY	411.03	403.03	(8.00)
AUGUST	355.23	432.17	76.94
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	2,916.38	3,089.33	172.95

LOUDON COUNTY

MONTH	2015	2016	2015 TO 2016
JANUARY	432.51	412.09	(20.42)
FEBRUARY	344.16	444.62	100.46
MARCH	466.57	513.60	47.03
APRIL	476.65	465.42	(11.23)
MAY	477.51	466.86	(10.65)
JUNE	473.83	493.13	19.30
JULY	504.15	501.33	(2.82)
AUGUST	467.56	495.64	28.08
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	3,642.94	3,792.69	149.75

LENOIR CITY

MONTH	2015	2016	2015 TO 2016
JANUARY	277.10	260.26	(16.84)
FEBRUARY	221.09	296.65	75.56
MARCH	379.43	385.43	6.00
APRIL	389.66	342.75	(46.91)
MAY	308.39	343.73	35.34
JUNE	339.02	353.55	14.53
JULY	381.56	355.51	(26.05)
AUGUST	337.35	374.84	37.49
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	2,633.60	2,712.72	79.12

WASTE SERVICES OF TN

MONTH	2015	2016	2015 TO 2016
JANUARY	2,031.57	1,835.75	(195.82)
FEBRUARY	1,584.21	2,031.60	447.39
MARCH	2,201.02	2,387.63	186.61
APRIL	2,255.16	2,329.74	74.58
MAY	2,237.74	2,347.21	109.47
JUNE	2,153.85	2,406.60	252.75
JULY	2,248.31	2,438.41	190.10
AUGUST	2,017.47	2,673.71	656.24
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	16,729.33	18,450.65	1,721.32

TENNESSEE TRASH

MONTH	2015	2016	2015 TO 2016
JANUARY	2,321.78	2,152.03	(169.75)
FEBRUARY	1,561.72	2,264.75	703.03
MARCH	2,426.85	2,824.58	397.73
APRIL	2,481.53	2,841.02	359.49
MAY	2,187.70	2,927.00	739.30
JUNE	2,447.90	2,955.40	507.50
JULY	2,697.57	3,286.37	588.80
AUGUST	2,626.95	4,086.78	1,459.83
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	18,752.00	23,337.93	4,585.93

LANDFILL TONNAGE VOLUME
MONTH ENDING -
AUGUST 2016

KIMBERLY CLARK - PAPER WASTE

MONTH	2015	2016	2015 TO 2016
JANUARY	2,541.93	4,649.89	2,107.96
FEBRUARY	2,450.48	4,671.47	2,220.99
MARCH	2,901.51	5,141.91	2,240.40
APRIL	3,187.70	4,797.68	1,609.98
MAY	2,973.18	4,941.64	1,968.46
JUNE	2,447.90	4,254.76	1,806.86
JULY	3,225.52	4,137.17	911.65
AUGUST	2,441.08	4,418.74	1,977.66
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	22,169.30	37,013.26	14,843.96

TATE & LYLE - SLUDGE

MONTH	2015	2016	2015 TO 2016
JANUARY	0.00	0.00	0.00
FEBRUARY	0.00	0.00	0.00
MARCH	0.00	0.00	0.00
APRIL	0.00	0.00	0.00
MAY	0.00	0.00	0.00
JUNE	0.00	0.00	0.00
JULY	0.00	0.00	0.00
AUGUST	0.00	0.00	0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	0.00	0.00	0.00

PSC METALS INC

MONTH	2015	2016	2015 TO 2016
JANUARY	1,795.83	0.00	(1,795.83)
FEBRUARY	1,475.73	0.00	(1,475.73)
MARCH	2,424.61	0.00	(2,424.61)
APRIL	2,291.98	0.00	(2,291.98)
MAY	2,293.32	0.00	(2,293.32)
JUNE	4,563.22	0.00	(4,563.22)
JULY	3,390.73	0.00	(3,390.73)
AUGUST	0.00	0.00	0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	18,235.42	0.00	(18,235.42)

TATE & LYLE - ASH

MONTH	2015	2016	2015 TO 2016
JANUARY	0.00	0.00	0.00
FEBRUARY	0.00	0.00	0.00
MARCH	0.00	0.00	0.00
APRIL	0.00	0.00	0.00
MAY	0.00	0.00	0.00
JUNE	0.00	0.00	0.00
JULY	0.00	0.00	0.00
AUGUST	0.00	0.00	0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	0.00	0.00	0.00



DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT

PURPOSE
 Clay liner installation
 FML Synthetic liner
 Drainage layer construction

INSPECTION CHECKLIST

Interim Final

Name of Site <i>Loudon County CF</i>		Registration Number <i>SUL 53-0203</i>	
Location <i>Rt. 72</i>		Type of facility <input checked="" type="checkbox"/> Class I <input type="checkbox"/> Class II	
Owner/Operator <i>Loudon County</i>		<input type="checkbox"/> Other (explain) _____	
Inspection Date	Time Inspection Began	Time Inspection Completed	Weather Conditions and Temperature

CLAY LINER			FML SYNTHETIC LINER		
Borrow Material	Yes	No	Material	Yes	No
- Are rocks larger than 2 inches present?	---	X	- Has liner been damaged during storage?	---	---
- Are any roots or debris present?	---	X	- Is FML proper thickness and type?	---	---
- Are borrow materials being field tested?	Y	---	Installation		
- Is the soil cohesive?	---	---	- Is clay surface smooth and free of rocks?	---	---
Placement			- Is earth moving equipment kept off liner?	---	---
- Is subgrade (previous lift) scarified prior to placement?	---	Y	- Is QA manager on site?	---	---
- Is subgrade drying out?	---	X	- Are seam surfaces clean and free of dirt?	---	---
- Are CQA personnel on site?	X	---	- Are liner anchors in conformance with design?	---	---
- Are loose lifts of proper thickness?	X	---	- Is liner weighted against wind?	---	---
- Is a water truck on site to protect the liner from desiccation?	X	---	Testing		
Compaction			- Have all seams been tested (or being tested)?	---	---
- Is compacted liner being field tested?	X	---	- Are destructive tests being performed?	---	---
- Do number of passes conform to plan?	---	---	- Are nondestructive tests being performed?	---	---
- Is equipment on site appropriate for construction of liner?	---	---			
Surface Finishing			DRAINAGE LAYER		
- Is the final lift smooth enough for placement of the geomembrane?	X	---	Material	Yes	No
Protection			- Has geotextile been installed to protect FML (if necessary)?	---	---
- Is the liner being protected from desiccation and freezing?	---	---	- Is the FML exposed?	---	---
Final Grading			- Is drainage material free of dirt?	---	---
- Has liner been surveyed to check grade and thickness?	---	---	- Has (sand/aggregate) drainage material passed the minimum permeability specification?	---	---
			Placement Method		
			- Does placement method protect FML?	---	---
			- Is QA manager on site?	---	---
			- Have leachate trenches been installed according to plans?	---	---
			Geotextile		
			- Does geotextile meet the requirements outlined in the plans?	---	---
			Pipe		
			- Does pipe meet the size and thickness requirements specified in the design plans/drawings?	---	---
			Sumps		
			- Do sump location, configuration and construction materials conform to the approved plans?	---	---

COMMENTS: *SUL 53-0203 looks good.*

PERSON INTERVIEWED: *Ral [Signature]* (Signature) *Site Manager* (Title)

INSPECTED BY: *[Signature]* (Signature) *8-27-16* (Title)



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

RESET
 PRINT

DATE **9-7-16** TIME **12:00**

WEATHER
88° Sunny

SOLID WASTE DISPOSAL FACILITY EVALUATION

SITE NAME Loudon County Class I LF		REGISTRATION NUMBER SNL 53-0203	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 Rt 72				
OWNER / OPERATOR Loudon County				

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"/>	8150 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	

NVO AOC V1 V2 CODE				*NVO - NO VIOLATION OBSERVED	COMMENTS	
26.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8290 INADEQUATE RANDOM INSPECTION PROGRAM	<p><i>NO VIOLATIONS OBSERVED.</i></p>	
27.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8300 MISHANDLING OF SPECIAL WASTE		
28.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8310 BUFFER ZONE STANDARD VIOLATED		
29.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8320 INADEQUATE MAINTENANCE OF LEACHATE MANAGEMENT SYSTEM		
30.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8330 LEACHATE IMPROPERLY MANAGED		
31.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8340 INADEQUATE LEACHATE COLLECTION SYSTEM		
32.	<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"/>	8360 LEACHATE ENTERING RUNOFF		
34.	<input checked="" 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"/>	8380 INADEQUATE GAS MIGRATION CONTROL SYSTEM		
36.	<input checked="" 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"/>	8420 POTENTIAL FOR EXPLOSIONS OR UNCONTROLLED FIRES		
38.	<input checked="" 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"/>	8440 IMPROPER SPREADING OF WASTE		
40.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8450 IMPROPER COMPACTING OF WASTE		
41.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8460 UNSATISFACTORY INITIAL COVER		
42.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8470 UNSATISFACTORY INTERMEDIATE COVER		
43.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8480 UNSATISFACTORY FINAL COVER		
44.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8490 EXCESSIVE POOLING OF WATER		
45.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8510 UNSATISFACTORY STABILIZATION OF COVER		
46.	<input checked="" 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"/>	8530 UNSATISFACTORY RECORDS OR REPORTS		
48.	<input checked="" 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"/>	8570 OPERATION DOES NOT CORRESPOND WITH ENGINEERING PLANS		
50.	<input checked="" 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"/>	8590 PERMIT, PLANS, OPERATION MANUAL NOT AVAILABLE		
52.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8610 NO OPERATING SCALES AND/OR FAILURE TO MAINTAIN WASTE RECORDS		
						
SIGNATURE OF PERSON INTERVIEWED				SIGNATURE OF INSPECTOR		
				9-7-16		
				DATE		

Materials Classification Report
Matlock Bend Landfill
Monthly Tonnage Summary July 2016

Material	Tonnage	2015 Sludge %		2016 Sludge %	
<u>MSW</u>		January	2%	January	4%
		February	3%	February	3%
MSW	<u>11,044</u>	March	3%	March	4%
<u>Special Waste</u>		April	1%	April	3%
Other	4,646	May	2%	May	4%
Ash	0	June	1%	June	2%
Sludge	<u>449</u>	July	5%	July	2%
Total Special Waste	<u>5,096</u>	August	2%	August	3%
Total MSW & SW	16,139	September	2%	September	0%
Tires	34	October	2%	October	0%
Total Material	<u>16,173</u>	November	3%	November	0%
% MSW	<u>68%</u>	December	5%	December	0%
% Special Waste	<u>32%</u>				
% Sludge	<u>3%</u>				

2016 Loudon MSW and Special Waste Analysis

Material	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
MSW	7,648	8,205	9,829	9,081	9,292	9,408	9,834	11,044	0	0	0	0	74,341
Special Waste	5,387	5,415	5,975	5,489	5,702	4,751	4,684	5,096	0	0	0	0	42,499
Tires	32	26	40	41	22	33	27	34	0	0	0	0	254
Total	13,067	13,646	15,844	14,610	15,016	14,193	14,545	16,174	0	0	0	0	117,095
%													
MSW	59%	60%	62%	62%	62%	66%	68%	68%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	63%
Special Waste	41%	40%	38%	38%	38%	33%	32%	32%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	36%
Total	100%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	100%							

**2016-2017 Matlock Bend
Landfill Tire Report**

Month	Tonnage
Jul-16	28.68
Aug-16	34.04
Sep-16	
Oct-16	
Nov-16	
Dec-16	
Jan-17	
Feb-17	
Mar-17	
Apr-17	
May-17	
Jun-17	
Total (tons)	62.72

Matlock Bend Landfill - Module H 2016 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)
		14,939		1.14		
Aug. 25, 2015	270,151	-	-	-	-	-
Aug. 26-31, 2015	-	2,301	A	1.14	2,623	267,528
September	-	11,342	A	1.14	12,929	254,599
October	-	12,899	A	1.14	14,705	239,894
November	-	12,663	A	1.14	14,436	225,457
December	-	15,730	A	1.14	17,932	207,525
January '16	-	13,035	A	1.14	14,860	192,665
February	-	13,620	A	1.14	15,527	177,138
March	-	15,804	A	1.14	18,016	159,122
April	-	14,570	A	1.14	16,609	142,512
May	-	14,994	A	1.14	17,093	125,419
June	-	14,160	A	1.14	16,142	109,277
July	-	14,518	A	1.14	16,550	92,727
August	-	16,139	A	1.14	18,399	74,328
September	-	14,939	P	1.14	17,030	57,298
October	-	14,939	P	1.14	17,030	40,268
November	-	14,939	P	1.14	17,030	23,237
December	-	14,939	P	1.14	17,030	6,207

¹ = Remaining airspace based on Aug. 25, 2015 aerial survey.

Full Date

January-2017

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 = 1.26 cy/ton)

Tonnage for Past 3 Months

June	14,160
July	14,518
August	16,139
Average	14,939

cc: Tim
Matt
Cheryl
Ron
Chris
Raymond
Jason
Andy



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

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

September 12, 2016

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, 2016 to August 31, 2016:

Host Fees (Greater of below) –	
Total Tip Fees Billed	\$312,949.28
Host Fee Percentage	4.00%
	<u>\$ 12,517.97</u>
Minimum Fee	<u>\$ 10,652.00</u>
Security Fees (Greater of below) –	
Total Tonnage Received	16,139.18
Rate per ton	\$ 1.00
Total	<u>\$ 16,139.18</u>
Total Tip Fees Billed	\$312,949.28
Security Fee Percentage	5.00%
	<u>\$ 15,647.46</u>

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

Sincerely,

A handwritten signature in black ink that reads "Andrew Kandy".

Andrew Kandy
Vice President of Finance & Corporate Controller