

**AGENDA**

**LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION**

**February 11, 2014**

**6:30 p.m.**

**LOUDON COUNTY COURTHOUSE ANNEX**

**Loudon, Tennessee**

1. Call to Order
2. Approval of Minutes – January 14, 2014
3. Items of Public Concern
4. Cash Activity Report
5. Operations Report
6. Brown & Caldwell Update – Site Utilization and Waste Alternatives Workshop
7. Attorney's Report
8. Chairman's Report
9. Other Items of Commission's Consideration
10. Adjourn

MONTHLY CASH REPORT

January OF 2014

**CASH RECEIPTS:**

Landfill Host Fees	12,568.80
Closure/Post Clo. Security Fees	19,296.85
Interest Received	217.63
Tire Grants	
Other: _____	

**Total Monthly Revenue:** 32,083.28

**CASH DISBURSEMENTS:**

Commissioner Meeting Pymts.	250.00
Commissioner Travel/Seminar	
Meeting Expense	
Legal Services	3,092.80
Audit/Accounting Services	5,000.00
Consultants	1,651.61
Trustee's Commission	318.66
Debt Service/Loudon - Water Lines	3,750.00
Santek-Tire Grant	
Engineering Services	
Office Supplies	(104.16)
Building and Contents Insurance	
Other: _____	
Other: Contracted Svc-Mowing	

**Total Monthly Expense:** 13,958.91

Change in Net Assets: 18,124.37

BEGINNING CASH BALANCE: \$ 2,717,311.92

CLOSURE RESERVES:	\$ 1,147,287.00
<b>Total Closure Reserves and General Account</b>	<b>\$ 2,735,436.29</b>
GENERAL ACCOUNT:	\$ 1,588,149.29

ENDING CASH BALANCE: \$ 2,735,436.29

CHANGE IN CASH POSITION \$ 18,124.37

**Monthly Operations Report  
Matlock Bend Landfill  
February 11, 2014  
Presented by:  
Santek Environmental, Inc.**



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

Email: [mail@santekenviro.com](mailto:mail@santekenviro.com)  
Internet: [www.santekenviro.com](http://www.santekenviro.com)

- I. OPERATIONS**
  - A. Tonnage Report
  - B. Customer Report
  - C. Inspection
  - D. Materials Classification Report
  - E. Tire Report
  - F. Quarterly Waste Origin report
  - G. Quarterly State Surcharge & Inspection Fee Report
  
- II. ENGINEERING**
  - A. Remaining Airspace Utilization Schedule
  - B. Status of Major Permit Modification & NOD
  
- III. HOST & SECURITY FEES**

**LANDFILL TONNAGE VOLUME**  
**MONTH ENDING -**  
**JANUARY 2014**

**MATLOCK BEND LANDFILL**

MONTH	2013	2014	2013 TO 2014
JANUARY	21183.26	18181.51	-3001.75
FEBRUARY			0.00
MARCH			0.00
APRIL			0.00
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	21183.26	18181.51	(3,001.75)

**DAILY AVG FOR ANY  
 RUNNING 30 DAY  
 PERIOD                      606.05**

**CITY OF LOUDON**

MONTH	2013	2014	2013 TO 2014
JANUARY	361.29	326.75	-34.54
FEBRUARY			0.00
MARCH			0.00
APRIL			0.00
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	361.29	326.75	(34.54)

**LOUDON COUNTY**

MONTH	2013	2014	2013 TO 2014
JANUARY	453.60	413.74	-39.86
FEBRUARY			0.00
MARCH			0.00
APRIL			0.00
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	453.60	413.74	-39.86

**WASTE SERVICES OF TN**

MONTH	2013	2014	2013 TO 2014
JANUARY	4596.48	5007.47	410.99
FEBRUARY			0.00
MARCH			0.00
APRIL			0.00
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	4596.48	5007.47	410.99

**LENOIR CITY**

MONTH	2013	2014	2013 TO 2014
JANUARY	297.14	255.87	-41.27
FEBRUARY			0.00
MARCH			0.00
APRIL			0.00
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	297.14	255.87	(41.27)

**TENNESSEE TRASH**

MONTH	2013	2014	2013 TO 2014
JANUARY	1525.76	1509.64	-16.12
FEBRUARY			0.00
MARCH			0.00
APRIL			0.00
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	1525.76	1509.64	(16.12)



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
DIVISION OF SOLID WASTE MANAGEMENT  
SOLID WASTE DISPOSAL FACILITY EVALUATION**

NAME OF SITE <i>10110 Park Branch London Canyon Landfill</i>		REGISTRATION NUMBER <i>SNL 53-0203</i>		DATE <i>2-7-14</i>	
LOCATION (physical) <i>Hwy 72 N of London TN off T-75</i>		PURPOSE <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Follow-up <input type="checkbox"/> Complaint <input type="checkbox"/> Other			
OWNER/OPERATOR <i>London County/Saker, Lois Hedow</i>		TYPE OF FACILITY <input checked="" type="checkbox"/> CLASS I <input type="checkbox"/> CLASS II <input type="checkbox"/> CLASS III <input type="checkbox"/> CLASS IV			
		V1	V2		
Inadequate vector control	8010	___	___	Leachate improperly managed	8330
Access not limited to operating hours	8020	___	___	Inadequate leachate collection system	8340
Inadequate artificial or natural barrier	8030	___	___	Leachate observed at the site	8350
Inadequate information signs	8040	___	___	Leachate entering runoff	8360
Unsatisfactory access road(s)/parking area(s)	8050	___	___	Leachate entering a water course	8370
Certified personnel not present during operating hours	8060	___	___	Inadequate gas migration control system	8380
Unapproved salvaging of waste	8070	___	___	Inadequate maintenance of gas migration control system	8390
Evidence of open burning	8080	___	___	Potential for explosions or uncontrolled fires	8420
Inadequate fire protection	8090	___	___	Waste not confined to a manageable area	8430
Unsatisfactory litter control	8110	___	___	Improper spreading of waste	8440
Inadequate employee facilities	8120	___	___	Improper compacting of waste	8450
No communication devices	8130	___	___	Unsatisfactory initial cover	8460
Inadequate operating equipment	8140	___	___	Unsatisfactory intermediate cover	8470
Unavailability of backup equipment	8150	___	___	Unsatisfactory final cover	8480
Unavailability of cover material	8160	___	___	Excessive pooling of water	8490
Inadequate maintenance of runoff/runoff system(s)	8170	___	___	Unsatisfactory stabilization of cover	8510
Inadequate erosion control	8180	___	___	Dumping of waste into water	8520
Inadequate dust control	8190	___	___	Unsatisfactory records or reports	8530
Unauthorized waste accepted	8210	___	___	Groundwater monitoring system improperly maintained	8540
Unapproved special waste accepted	8220	___	___	Operation does not correspond with engineering plans	8570
Tires improperly handled	8230	___	___	Operation does not correspond with permit condition(s)	8580
Medical waste improperly handled	8240	___	___	Permit, plans, operating manual not available	8590
Dead animals improperly handled	8250	___	___	No operating scales	8610
Washout of solid waste	8270	___	___		
No permanent benchmark	8280	___	___		
Inadequate random inspection program	8290	___	___		
Mishandling of special waste	8300	___	___		
Buffer zone standard violated	8310	___	___		
Inadequate maintenance of leachate management system	8320	___	___		
COMMENTS: <i>Looks good for very poor weather</i>					
<i>Send in survey results for reentry area over slide</i>					
PERSON INTERVIEWED (Signature) <i>[Signature]</i>		INSPECTED BY (Signature) <i>[Signature]</i>			
TITLE <i>Site manager</i>		TITLE <i>EPS 4</i>			
TIME OF DAY <i>1pm</i>	WEATHER CONDITIONS <i>25°F in the clouds</i>		COMPLIANCE DATE <i>N/A</i>		

Distribution: Facility - White      Field Office - Canary      Central Office - XC

**Materials Classification Report**  
**Matlock Bend Landfill**  
**Monthly Tonnage Summary January 2014**

Material	Tonnage	2011 Sludge %		2012 Sludge %	
<b>MSW</b>		January	xx	January	6%
		February	xx	February	8%
MSW	<b>5,823</b>	March	16%	March	8%
<b>Special Waste</b>		April	12%	April	9%
		May	13%	May	8%
Other	8,983	June	12%	June	8%
Ash	1,108	July	11%	July	11%
Sludge	2,267	August	8%	August	10%
<b>Total Special Waste</b>	<b>12,358</b>	September	6%	September	10%
		October	6%	October	12%
<b>Total MSW &amp; SW</b>	<b>18,182</b>	November	6%	November	10%
		December	7%	December	10%
		<b>2013 Sludge %</b>		<b>2014 Sludge %</b>	
Tires	26	January	11%	January	12%
<b>Total Material</b>	<b>18,208</b>	February	13%	February	xx
<b>% MSW</b>	<b>32%</b>	March	12%	March	xx
<b>% Special Waste</b>	<b>68%</b>	April	12%	April	xx
<b>% Sludge</b>	<b>12%</b>	May	10%	May	xx
		June	13%	June	xx
		July	11%	July	xx
		August	9%	August	xx
		September	12%	September	xx
		October	10%	October	xx
		November	12%	November	xx
		December	13%	December	xx

**2013-2014 Matlock Bend  
Landfill Tire Report**

<b>Month</b>	<b>Tonnage</b>
Jul-13	21.05
Aug-13	15.02
Sep-13	39.75
Oct-13	57.56
Nov-13	16.91
Dec-13	21.67
Jan-14	37.05
Feb-14	
Mar-14	
Apr-14	
May-14	
Jun-14	
<b>Total (tons)</b>	<b>209.01</b>

## Landfill Origin Report for Loudon County, Tennessee

Advertised Tipping Fee Per ton \$27.45

Origin of Waste (Name of County)	Waste Received From County, Transfer Station or Other	Q1 2013	Q2 2013	Q3 2013	Q4 2013	YTD Total
Bradley	County	41.56	0.00	0.00	8.63	50.19
Knox	County	12,829.35	15,004.65	7,968.81	5,890.02	41,692.83
Loudon	County	46,182.59	52,708.05	52,297.39	49,709.81	200,897.84
McMinn	County	64.27	154.16	147.26	192.37	558.06
Monroe	County	57.71	142.47	94.85	164.22	459.25
Roane	County	1,955.94	2,020.50	1,989.63	2,006.84	7,972.91
Blount	County	0.58	0.00	0.00	9.16	9.74
Rhea	County	0.00	0.00	28.95	0.00	28.95
		61,132.00	70,029.83	62,526.89	57,981.05	251,669.77



DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
 DIVISION OF SOLID WASTE MANAGEMENT  
 312 Rosa L. Parks Avenue, 14<sup>th</sup> Floor  
 Nashville, TN 37243

QUARTERLY SOLID WASTE SURCHARGE AND  
 FACILITY INSPECTION FEE REPORT

(Type or print. See reverse for instructions)

Facility ID Number: SNL 53-103-0203	For Quarter Ending: December 31, 2013
Facility Name and Address: Matlock Bend Landfill Santek Environmental 650 25th St, NW, Suite 100 Cleveland, TN 37311 (Change if incorrect)	1. Facility Location 21712 Hwy 72 North London, TN 37774
2. Facility Owner/Operator London County/Santek Environmental	3. Telephone Number (423) 303-7101

4. Amount of waste received during each month of reporting period (in tons):	
First month of quarter	<u>21231.51</u>
Second month of quarter	<u>17453.69</u>
Third month of quarter	<u>19296.85</u>
5. Total tons of waste received during reporting period:	<u>57982.05</u>
6(a). Surcharge: Total tons <u>57982.05</u> X \$0.90 =	\$ <u>52183.85</u>
6(b). Deduct 1% if paid on or before due date	Less \$ <u>521.84</u>
7. Facility Inspection Fee: Total tons <u>57982.05</u> X \$0.35 =	\$ <u>20293.72</u>
8. Outstanding debit or credit	\$ <u>0</u>
9. Total due	\$ <u>71955.73</u>

**REMITTANCE COPY  
 RETURN WITH PAYMENT**

Make check or money order payable to the Treasurer, State of Tennessee. Payments are due January 31, April 30, July 31, and October 31.

10. I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, and 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.

Janie M...  
 Signature of Owner/Operator

Staff Accountant  
 Title

11/22/14  
 Date

## Matlock Bend Landfill - Module H 2014 Airspace Projection / Construction Schedule

DATE	REMAINING AIRSPACE <sup>1</sup> (CY)	MONTHLY TONNAGE	ACTUAL / PROJECTED <sup>2</sup>	UTILIZATION FACTOR	MONTHLY VOLUME CONSUMED (CY)	ENDING MONTHLY REMAINING AIRSPACE (CY)
		18,311		1.07		
Sept. 20, 2013	576,461	-	-	-	-	-
Sept. 21-30, 2013	-	7,424	A	1.07	7,944	568,517
October	-	21,656	A	1.07	23,171	545,346
November	-	17,454	A	1.07	18,675	526,670
December	-	19,297	A	1.07	20,647	506,023
January '14	-	18,182	A	1.07	19,454	486,569
February	-	18,311	P	1.07	19,592	466,976
March	-	18,311	P	1.07	19,592	447,384
April	-	18,311	P	1.07	19,592	427,792
May	-	18,311	P	1.07	19,592	408,199
June	-	18,311	P	1.07	19,592	388,607
July	-	18,311	P	1.07	19,592	369,015
August	-	18,311	P	1.07	19,592	349,422
September	-	18,311	P	1.07	19,592	329,830
October	-	18,311	P	1.07	19,592	310,238
November	-	18,311	P	1.07	19,592	290,645
December	-	18,311	P	1.07	19,592	271,053

<sup>1</sup> = Remaining airspace based on Sept. 20, 2013 aerial survey.

Full Date

February-2016

<sup>2</sup> = Projected tonnages are based on a 3 month average per Matt Dillard on 6-2-09.

<sup>3</sup> = Utilization rate based on the annual utilization rate per October 27, 2008 construction meeting (Avg. Utilization = 1.32 cy/ton)

### Tonnage for Past 3 Months

November	17,454
December	19,297
January	18,182
<b>Average</b>	<b>18,311</b>

cc: Matt  
Rob  
Cheryl  
Ron  
Chris  
Levi  
Jason

## **STATUS OF MAJOR PERMIT MODIFICATION AND NOD – MATLOCK BEND LANDFILL**

Santek Engineering anticipates submitting its response to TDEC's Notice Of Deficiency between February 28<sup>th</sup> and March 15<sup>th</sup>. The schedule depends on when the third-party stabilization calculations are complete.

# SANTEK



WasteServices®  
650 25<sup>th</sup> Street NW, Ste 100  
Cleveland, TN 37311

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

February 10, 2014

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 January 1, 2014 to January 31, 2014:

Host Fees (Greater of below) –	
Total Tip Fees Billed	\$296,886.41
Host Fee Percentage	<u>4.00%</u>
	<b>\$ 11,875.46</b>
Minimum Fee	<u>\$ 10,652.00</u>
Security Fees (Greater of below) –	
Total Tonnage Received	18,181.51
Rate per ton	<u>\$ 1.00</u>
Total	<b>\$ 18,181.51</b>
Total Tip Fees Billed	\$296,886.41
Security Fee Percentage	<u>5.00%</u>
	<b>\$ 14,844.32</b>

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,

Andrew Kandy  
Regional Controller