

**AGENDA**  
**LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION**  
**June 9, 2015**  
**6:30 p.m.**  
**LOUDON COUNTY COURTHOUSE ANNEX**  
**Loudon, Tennessee**

1. Opening of Meeting, Pledge of Allegiance, Invocation
2. Approval of Minutes – May12, 2015
3. Items of Public Concern
4. Cash Activity Report
5. Operations Report
6. Operating Agreement Proposed Modifications
7. Attorney's Report
8. Chairman's Report
9. Other Items of Commission's Consideration
10. Adjourn

**Loudon County Department of Accounts and Budgets**  
**Solid Waste Disposal Fund 207**  
**Monthly Cash Report**  
**May 2015**

April 2015 Combined Ending Cash Balance per Monthly Report		2,997,480.42
Adjustments:		
	0.00	
	0.00	
Total Adjustments		0.00
<b>Adjusted Apr 2015 Combined Ending Balance per Loudon Co Trustee</b>		<b>2,997,480.42</b>

**Solid Waste Disposal Commission Operating Fund**

<b>Operating Fund Ending Balance April 2015</b>		<b>2,617,813.75</b>
Cash Receipts:		
Surcharge - Host Fees (Mar 2015)	0.00	
Surcharge - Security Fees (Mar 2015)	0.00	
Investment Income	624.24	
Total Monthly Revenue	624.24	624.24
Cash Disbursements:		
Board & Committee Members Fees	(350.00)	
Consultants (Geosyntec)	0.00	
Contracts with Private Agencies (Santek)	0.00	
Engineering Services (Santek)	0.00	
Contributions (Loudon Utilities - Quarterly)	0.00	
Legal Services	(2,500.00)	
Legal Notices	(159.00)	
Other Contracted Services (Mowing)	0.00	
In-Service/Staff Development	0.00	
Trustee's Commission	(5.64)	
Total Cash Disbursements	(3,014.64)	(3,014.64)
Expenditure Credit:		
Trustee Commission Adjustment		0.00
<b><u>Operating Fund Ending Balance May 2015</u></b>		<b>2,615,423.35</b>

**Poplar Springs Subfund**

<b>Poplar Springs Subfund Balance April 2015</b>		<b>379,666.67</b>
Cash Receipts:		
Total Monthly Revenue	0.00	0.00
Cash Disbursements:		
Legal Services	0.00	
Legal Services Repayment to Operating Fund	0.00	
Total Cash Disbursements	0.00	0.00
<b><u>Poplar Springs Subfund Balance May 2015</u></b>		<b>379,666.67</b>

**TOTAL COMBINED OPERATING AND POPLAR SPRINGS MAY 2015 BALANCE**

**2,995,090.02**

**Combined Summary - May 2015**

Beginning Balance		2,997,480.42
Plus Operating Revenue		624.24
Less Operating and Poplar Springs Disbursements		(3,014.64)
<b>TOTAL COMBINED BALANCE - MAY 2015</b>		<b>2,995,090.02</b>

**MATLOCK BEND (LOUDON COUNTY) LANDFILL  
ESTIMATED REMAINING LIFE CHART**

DRAFT Remaining Permitted Airspace (CY): 6,845,352 as of Sept. 18, 2014  
 Average Utilization Factor (CY/Ton): 1.28 1995 through 2014  
 Days Per Month: 30  
 Days Per Year: 360  
 Existing Contract Remaining Life (Yrs): 12

Tons Per Day	Tons Per Year	Estimated Remaining Life (Yrs)	Additional Contract Life (Yrs)
100	36,000	148.6	136.6
200	72,000	74.3	62.3
300	108,000	49.5	37.5
400	144,000	37.1	25.1
500	180,000	29.7	17.7
600	216,000	24.8	12.8
700	252,000	21.2	9.2
800	288,000	18.6	6.6



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Internet: [www.santekenviro.com](http://www.santekenviro.com)

**Monthly Operations Report**  
**Matlock Bend Landfill**  
**June 9, 2015**  
**Presented by:**  
**Santek Environmental, Inc.**

- I. OPERATIONS**
  - A. Tonnage Report
  - B. Customer Report
  - C. Inspection
  - D. On Site Convenience Center
  - E. Materials Classification Report
  - F. Tire Report
  
- II. REMAINING AIRSPACE UTILIZATION SCHEDULE**
  
- III. HOST & SECURITY FEES**

**LANDFILL TONNAGE VOLUME**  
**MONTH ENDING -**  
**May 2015**

**MATLOCK BEND LANDFILL**

MONTH	2014	2015	2014 TO 2015
JANUARY	18,181.51	12,350.37	(5,831.14)
FEBRUARY	18,827.30	9,780.01	(9,047.29)
MARCH	19,821.19	14,194.83	(5,626.36)
APRIL	21,488.87	14,753.38	(6,735.49)
MAY	19,160.50	13,573.83	(5,586.67)
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	97,479.37	64,652.42	(32,826.95)

**DAILY AVG FOR ANY  
 RUNNING 30 DAY  
 PERIOD                    429.36**

**CITY OF LOUDON**

MONTH	2014	2015	2014 TO 2015
JANUARY	326.75	339.80	13.05
FEBRUARY	322.26	265.51	(56.75)
MARCH	355.95	385.99	30.04
APRIL	380.93	379.81	(1.12)
MAY	383.29	367.66	(15.63)
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	1,769.18	1,738.77	(30.41)

**LOUDON COUNTY**

MONTH	2014	2015	2014 TO 2015
JANUARY	413.74	432.51	18.77
FEBRUARY	391.37	344.16	(47.21)
MARCH	444.91	466.57	21.66
APRIL	436.44	476.65	40.21
MAY	463.42	477.51	14.09
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	2,149.88	2,197.40	47.52

**WASTE SERVICES OF TN**

MONTH	2014	2015	2014 TO 2015
JANUARY	5,007.47	2,031.57	(2,975.90)
FEBRUARY	4,363.83	1,584.21	(2,779.62)
MARCH	4,318.51	2,201.02	(2,117.49)
APRIL	4,920.17	2,255.16	(2,665.01)
MAY	4,482.69	2,237.74	(2,244.95)
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	23,092.67	10,309.70	(12,782.97)

**LENOIR CITY**

MONTH	2014	2015	2014 TO 2015
JANUARY	255.87	277.10	21.23
FEBRUARY	256.28	221.09	(35.19)
MARCH	307.30	379.43	72.13
APRIL	380.93	389.66	8.73
MAY	363.48	308.39	(55.09)
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	1,563.86	1,575.67	11.81

**TENNESSEE TRASH**

MONTH	2014	2015	2014 TO 2015
JANUARY	1,509.64	2,321.78	812.14
FEBRUARY	1,560.54	1,561.72	1.18
MARCH	1,778.92	2,426.85	647.93
APRIL	2,067.49	2,481.53	414.04
MAY	2,020.17	2,187.70	167.53
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	8,936.76	10,979.58	2,042.82

**LANDFILL TONNAGE VOLUME**  
**MONTH ENDING -**  
**May 2015**

**KIMBERLY CLARK - PAPER WASTE**

MONTH	2014	2015	2014 TO 2015
JANUARY	7,846.43	2,541.93	(5,304.50)
FEBRUARY	7,663.61	2,450.48	(5,213.13)
MARCH	8,275.51	2,901.51	(5,374.00)
APRIL	8,218.88	3,187.70	(5,031.18)
MAY	6,458.22	2,973.18	(3,485.04)
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	38,462.65	14,054.80	(24,407.85)

**TATE & LYLE - SLUDGE**

MONTH	2014	2015	2014 TO 2015
JANUARY	2,088.33	0.00	(2,088.33)
FEBRUARY	2,387.03	0.00	(2,387.03)
MARCH	2,292.99	0.00	(2,292.99)
APRIL	2,601.69	0.00	(2,601.69)
MAY	2,050.17	0.00	(2,050.17)
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	11,420.21	0.00	(11,420.21)

**PSC METALS INC**

MONTH	2014	2015	2014 TO 2015
JANUARY	1,136.94	1,795.83	658.89
FEBRUARY	1,834.26	1,475.73	(358.53)
MARCH	2,139.46	2,424.61	285.15
APRIL	2,915.74	2,291.98	(623.76)
MAY	2,571.44	2,293.32	(278.12)
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	10,597.84	10,281.47	(316.37)

**TATE & LYLE - ASH**

MONTH	2014	2015	2014 TO 2015
JANUARY	933.76	0.00	(933.76)
FEBRUARY	567.17	0.00	(567.17)
MARCH	90.20	0.00	(90.20)
APRIL	218.21	0.00	(218.21)
MAY	356.37	0.00	(356.37)
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	2,165.71	0.00	(2,165.71)





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

NAME OF SITE <i>Matlock Bend LF</i>		REGISTRATION NUMBER <i>SW53 103 0203</i>	DATE <i>5-15-15</i>	
LOCATION (physical) <i>Rt. 72</i>		TIME <i>12:50</i>		
OWNER/OPERATOR <i>Loudon Co.</i>		TYPE OF EVALUATION <input checked="" type="checkbox"/> COMPLETE <input type="checkbox"/> FOLLOW-UP <input type="checkbox"/> COMPLAINT <input type="checkbox"/> OTHER		
<b>Violation:</b>	<b>Rule Citation:</b>	<b>Code</b>	<b>V1</b>	<b>V2</b>
Operation does not correspond with permit conditions	1200-1-7-.02(4)(a)1	1010		
Inadequate vector control	1200-1-7-.11(2)(a)1	1020		
Potential for releases of solid waste or constituents	1200-1-7-.11(2)(a)2	1030		
Unauthorized or uncontrolled access	1200-1-7-.11(2)(a)3	1040		
Presence of nuisance odors	1200-1-7-.11(2)(a)4	1050		
Lack of natural or artificial barrier to control access	1200-1-7-.11(2)(b)1	1060		
Inadequate information sign	1200-1-7-.11(2)(b)2	1070		
Unsatisfactory access roads/parking areas	1200-1-7-.11(2)(b)3	1080		
Trained personnel not present	1200-1-7-.11(2)(b)4	1090		
Unapproved scavenging of waste	1200-1-7-.11(2)(b)5	1100		
No operating scales	1200-1-7-.11(2)(b)6	1110		
Inadequate leachate collection system	1200-1-7-.11(2)(c)1	1120		
Leachate entering runoff	1200-1-7-.11(2)(c)1	1130		
Inadequate maintenance of leachate collection system	1200-1-7-.11(2)(c)2	1140		
Unapproved/unauthorized waste accepted	1200-1-7-.11(2)(d)1	1150		
Unapproved additives used	1200-1-7-.11(2)(d)2	1160		
Inadequate waste inspection program	1200-1-7-.11(2)(d)3	1170		
No contingency operating plan	1200-1-7-.11(2)(d)4	1180		
Waste processing/curing not conducted on paved surfaces	1200-1-7-.11(2)(d)5	1190		
Unusable material not removed within 48 hours	1200-1-7-.11(2)(d)6	1200		
Recovered (recyclable) materials not removed within 30 days	1200-1-7-.11(2)(d)7	1210		
Evidence of open burning	1200-1-7-.11(2)(e)1	1220		
Inadequate fire protection	1200-1-7-.11(2)(e)2	1230		
Inadequate litter control	1200-1-7-.11(2)(f)	1240		
Inadequate employee facilities	1200-1-7-.11(2)(g)	1250		
No communication devices	1200-1-7-.11(2)(h)	1260		
Inadequate operating equipment	1200-1-7-.11(2)(i)	1270		
Inadequate dust control	1200-1-7-.11(2)(j)	1280		
Inadequate maintenance of run-on/run-off control system	1200-1-7-.11(2)(k)	1290		
Inadequate labeling of marketable compost	1200-1-7-.11(4)(b)	1300		
Inadequate compost testing program	1200-1-7-.11(4)(c)	1310		
Unsatisfactory records/reports	1200-1-7-.11(4)(d)	1320		
Operation does not comply with odor control plan	1200-1-7-.11(5)(c)5	1330		
COMMENTS: <i>- Plans convenience collection near gate. Does not          any approval/mod? - will contact w/ KEFO          - Plans to fill &amp; grade &amp; reced closed SML surface -          no approval required - Spring mowing in progress.          - Seeding &amp; strawing - wheel wash nearly done          - No violation</i>				
PERSON INTERVIEWED (Signature) <i>Ronald Sims</i>		INSPECTED BY (Signature) <i>Patrick M. L...</i>		
TITLE <i>Manager</i>		TITLE <i>Env. Spec.</i>		
COMPLIANCE DATE		WEATHER CONDITIONS <i>80, cloudy, breezy</i>		

**Materials Classification Report**  
**Matlock Bend Landfill**  
**Monthly Tonnage Summary May 2015**

Material	Tonnage	2012 Sludge %		2013 Sludge %	
<hr/>					
<b>MSW</b>					
<hr/>					
MSW	<u>7,938</u>	January	6%	January	11%
		February	8%	February	13%
		March	8%	March	12%
		April	9%	April	12%
		May	8%	May	10%
		June	8%	June	13%
		July	11%	July	11%
		August	10%	August	9%
		September	10%	September	12%
		October	12%	October	10%
		November	10%	November	12%
		December	10%	December	13%
		<hr/>			
<b>Total Special Waste</b>	<u><u>5,635</u></u>				
<hr/>					
<b>Total MSW &amp; SW</b>	<b>13,574</b>				
<hr/>					
Tires	32				
<hr/>					
<b>Total Material</b>	<u><u>13,605</u></u>				
<hr/>					
<b>% MSW</b>	<u><u>58%</u></u>				
<hr/>					
<b>% Special Waste</b>	<u><u>42%</u></u>				
<hr/>					
<b>% Sludge</b>	<u><u>2%</u></u>				

2014 Sludge %		2015 Sludge %	
<hr/>			
January	12%	January	2%
February	13%	February	3%
March	12%	March	3%
April	13%	April	1%
May	12%	May	2%
June	12%	June	
July	12%	July	
August	6%	August	
September	1%	September	
October	3%	October	
November	4%	November	
December	2%	December	



**2014-2015 Matlock Bend  
Landfill Tire Report**

<b>Month</b>	<b>Tonnage</b>
Jul-14	51.84
Aug-14	14.23
Sep-14	33.99
Oct-14	39.8
Nov-14	69.61
Dec-14	21.27
Jan-15	35.61
Feb-15	31.31
Mar-15	33.54
Apr-15	56.55
May-15	32.31
Jun-15	
<b>Total (tons)</b>	<b>420.06</b>

**Matlock Bend Landfill - Module H  
2015 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)
		14,174		0.99		
Sept. 18, 2014	382,853	-	-	-	-	-
Sept. 19-30, 2014	-	4,478	A	0.99	4,433	378,420
October	-	11,007	A	0.99	10,897	367,523
November	-	9,330	A	0.99	9,237	358,286
December	-	12,005	A	0.99	11,885	346,402
January '15	-	12,350	A	0.99	12,227	334,175
February	-	9,780	A	0.99	9,682	324,493
March	-	14,195	A	0.99	14,053	310,440
April	-	14,753	A	0.99	14,606	295,834
May	-	13,574	A	0.99	13,438	282,396
June	-	14,174	P	0.99	14,032	268,363
July	-	14,174	P	0.99	14,032	254,331
August	-	14,174	P	0.99	14,032	240,299
September	-	14,174	P	0.99	14,032	226,267
October	-	14,174	P	0.99	14,032	212,234
November	-	14,174	P	0.99	14,032	198,202
December	-	14,174	P	0.99	14,032	184,170

<sup>1</sup> = Remaining airspace based on Sept. 18, 2014 aerial survey.

Full Date

February-2017

<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 = 1.28 cy/ton)

Tonnage for Past 3 Months

March	14,195
April	14,753
May	13,574
<b>Average</b>	<b>14,174</b>

cc: Tim  
Matt  
Cheryl  
Ron  
Chris  
Raymond  
Jason  
Andy

# SANTEK



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June 8, 2015

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 May 1, 2015 to May 31, 2015:

Host Fees (Greater of below) –	
Total Tip Fees Billed	\$235,566.48
Host Fee Percentage	<u>4.00%</u>
	\$ 9,422.66
Minimum Fee	<u>\$ 10,652.00</u>

Security Fees (Greater of below) –	
Total Tonnage Received	13,573.83
Rate per ton	<u>\$ 1.00</u>
Total	<u>\$ 13,573.83</u>

Total Tip Fees Billed	\$235,566.48
Security Fee Percentage	<u>5.00%</u>
	<u>\$ 11,778.32</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,

Andrew Kandy  
Vice President of Finance & Corporate Controller