

AGENDA
LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION
May 12, 2015
6:30 p.m.
LOUDON COUNTY COURTHOUSE ANNEX
Loudon, Tennessee

1. Opening of Meeting, Pledge of Allegiance, Invocation
2. Approval of Minutes – April 14, 2015
3. Items of Public Concern
4. Cash Activity Report
5. Operations Report
6. Operating Agreement Proposed Modifications
7. Attorney's Report
 - 1) FY 2014 Audit Finalization
8. Chairman's Report
 - 1) Discuss Monthly Stipend and Board Members Option to Opt Out
9. Other Items of Commission's Consideration
10. Adjourn

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

March 2015 Combined Ending Cash Balance per Monthly Report		2,974,355.06
Adjustments:		
	0.00	
	0.00	
Total Adjustments		0.00
Adjusted Mar 2015 Combined Ending Balance per Loudon Co Trustee		2,974,355.06

Solid Waste Disposal Commission Operating Fund

Operating Fund Ending Balance March 2015		2,594,688.39
Cash Receipts:		
Surcharge - Host Fees (Mar 2015)	10,652.00	
Surcharge - Security Fees (Mar 2015)	14,194.83	
Investment Income	1,280.14	
Total Monthly Revenue		26,126.97
Cash Disbursements:		
Board & Committee Members Fees	0.00	
Consultants (Geosyntec)	(242.05)	
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	0.00	
Other Contracted Services (Mowing)	0.00	
In-Service/Staff Development	0.00	
Trustee's Commission	(259.56)	
Total Cash Disbursements		(3,001.61)
Expenditure Credit:		
Trustee Commission Adjustment		0.00
<u>Operating Fund Ending Balance April 2015</u>		<u>2,617,813.75</u>

Poplar Springs Subfund

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

<u>TOTAL COMBINED OPERATING AND POPLAR SPRINGS APR 2015 BALANCE</u>		<u>2,997,480.42</u>
--	--	----------------------------

Combined Summary - April 2015		
Beginning Balance		2,974,355.06
Plus Operating Revenue		26,126.97
Less Operating and Poplar Springs Disbursements		(3,001.61)
TOTAL COMBINED BALANCE - APRIL 2015		<u>2,997,480.42</u>



COPY

State of Tennessee
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
KNOXVILLE ENVIRONMENTAL FIELD OFFICE
3711 MIDDLEBROOK PIKE
KNOXVILLE, TENNESSEE 37921-6538
Phone (865) 594-6035 Statewide 1-888-891-8332 FAX (865) 594-6105

April 2, 2015

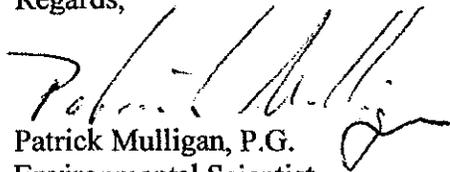
Mr. Chad Newton
10201 South River Trail
Knoxville, TN 37922

The Honorable Jim Greenway
City Hall
P.O. Box 189
201 Alma Place
Loudon, TN 37774

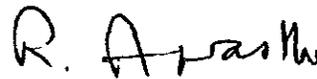
RE: Poplar Springs Landfill
SNL 531030162

At the request of Loudon County and the Loudon County Solid Waste Disposal Commission, the Division of Solid Waste Management has inspected and conducted residential water well and surface water sampling at the subject property. Residential water wells are unaffected by the landfill. Onsite stormwater and leachate contain both organic and inorganic compounds typical of landfill leachate. The Division requires that drainage, leachate leakage and erosion control improvements be made as cited in The Residential Water Supply Well Sampling Report (TDEC, January 22, 2015). The Division requires plans for these improvements to be provided to the Division by June 10, 2015. Any questions or comments can be directed to Patrick Mulligan of the Knoxville Environmental Field Office at 865.594.5582.

Regards,



Patrick Mulligan, P.G.
Environmental Scientist
Division of Solid Waste Management



Revendra Awasthi
Environmental Field Office Manager
Division of Solid Waste Management

- c. KEFO File
- NCO File (electronically)
- ✓ Steve Field, Loudon County Solid Waste Disposal Commission
- Chris Parks
- Jerry Johnson
- Charles and Frances Humphreys

Mr. Newton,
Honorable Jim Greenway
April 2, 2015
Page 2 of 2

Judy Hines
Ray Chadwick
Bobby and Hazel Hembree
Lisa Bridges
Guinn and Trish Shaw



650 25th Street, N.W., Suite 100
Cleveland, Tennessee 37311
(423) 303-7101
Toll Free: (800) 467-9160

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

Monthly Operations Report
Matlock Bend Landfill
May 12, 2015
Presented by:
Santek Environmental, Inc.

- I. OPERATIONS**
 - A. Tonnage Report
 - B. Customer Report
 - C. Inspections
 - D. Materials Classification Report
 - E. Tire Report
 - F. Wheel Wash
 - G. Quarterly Waste Origin Report
 - H. Quarterly Waste Surcharge & Inspection Fee Report
 - I. Tennessee National Landfill Tour and Follow Up

- II. REMAINING AIRSPACE UTILIZATION SCHEDULE**

- III. HOST & SECURITY FEES**

LANDFILL TONNAGE VOLUME
MONTH ENDING -
April 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			0.00
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	78,318.87	51,078.59	(27,240.28)

**DAILY AVG FOR ANY
 RUNNING 30 DAY
 PERIOD 491.78**

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			0.00
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	1,385.89	1,371.11	(14.78)

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			0.00
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	1,686.46	1,719.89	33.43

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			0.00
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	1,200.38	1,267.28	66.90

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			0.00
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	18,609.98	8,071.96	(10,538.02)

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			0.00
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	6,916.59	8,791.88	1,875.29

LANDFILL TONNAGE VOLUME
MONTH ENDING -
April 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			0.00
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	32,004.43	11,081.62	(20,922.81)

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			0.00
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	9,370.04	0.00	(9,370.04)

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			0.00
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	8,026.40	7,988.15	(38.25)

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			0.00
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	1,809.34	0.00	(1,809.34)



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

NAME OF SITE Matlock Bend LF		REGISTRATION NUMBER SNL 531030203		DATE 4-17-15		
LOCATION (physical) Hwy 72		PURPOSE <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Complaint		<input type="checkbox"/> Follow-up <input type="checkbox"/> Other		
OWNER/OPERATOR Coudon Co		TYPE OF FACILITY <input checked="" type="checkbox"/> CLASS I <input type="checkbox"/> CLASS III		<input type="checkbox"/> CLASS II <input type="checkbox"/> CLASS IV		
		V1	V2		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 runon/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: No violations.						
New grass on bare slopes.						
Depressions are closed ponding water. To build up in summer						
PERSON INTERVIEWED (Signature) R. L. Guss		INSPECTED BY (Signature) P. M. [Signature]				
TITLE Manager		TITLE Env. Specialist				
TIME OF DAY 1530	WEATHER CONDITIONS cloudy 70		COMPLIANCE DATE			

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

Materials Classification Report
Matlock Bend Landfill
Monthly Tonnage Summary April 2015

Material	Tonnage	2012 Sludge %		2013 Sludge %	
MSW					
MSW	<u>8,470</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%
Special Waste					
Other	5,864				
Ash	255				
Sludge	<u>165</u>				
Total Special Waste	<u><u>6,284</u></u>				
Total MSW & SW	14,753				
Tires	45				
Total Material	<u><u>14,799</u></u>				
% MSW	<u><u>57%</u></u>				
% Special Waste	<u><u>43%</u></u>				
% Sludge	<u><u>1%</u></u>				

2014 Sludge %		2015 Sludge %	
January	12%	January	2%
February	13%	February	3%
March	12%	March	3%
April	13%	April	1%
May	12%	May	
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**

Month	Tonnage
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	
Jun-15	
Total (tons)	387.75

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 2015	Q2 2015	Q3 2015	Q4 2014	YTD Total
Bradley	County	3.09	0.00			3.09
Knox	County	2,616.79	5,800.14			8,416.93
Loudon	County	26,799.97	27,543.19			54,343.16
McMinn	County	264.73	273.71			538.44
Monroe	County	769.93	769.59			1,539.52
Roane	County	1,849.17	1,897.34			3,746.51
Blount	County	20.74	41.24			61.98
Meigs	County	0.00	0.00			0.00
Rhea	County	17.59	0.00			17.59
		32,342.01	36,325.21			68,667.22

Matlock Bend Landfill - Module H 2015 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)
		12,909		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	-	12,909	P	0.99	12,780	283,053
June	-	12,909	P	0.99	12,780	270,273
July	-	12,909	P	0.99	12,780	257,493
August	-	12,909	P	0.99	12,780	244,713
September	-	12,909	P	0.99	12,780	231,932
October	-	12,909	P	0.99	12,780	219,152
November	-	12,909	P	0.99	12,780	206,372
December	-	12,909	P	0.99	12,780	193,591

¹ = Remaining airspace based on Sept. 18, 2014 aerial survey.

Full Date

April-2017

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

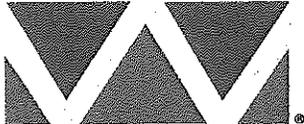
³ = Utilization rate based on the annual utilization rate per October 27, 2008 construction meeting (Avg. Utilization = 1.28 cy/ton)

Tonnage for Past 3 Months

February	9,780
March	14,195
April	14,753
Average	12,909

cc: Matt
Cheryl
Ron
Chris
Raymond
Jason

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, 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 April 1, 2015 to April 30, 2015:

Host Fees (Greater of below) –	
Total Tip Fees Billed	\$261,907.49
Host Fee Percentage	<u>4.00%</u>
	\$ 10,476.30
Minimum Fee	<u>\$ 10,652.00</u>

Security Fees (Greater of below) –	
Total Tonnage Received	14,753.38
Rate per ton	<u>\$ 1.00</u>
Total	<u>\$ 14,753.38</u>

Total Tip Fees Billed	\$261,907.49
Security Fee Percentage	<u>5.00%</u>
	<u>\$ 13,095.37</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

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): 8 12

Tons Per Day	Tons Per Year	Estimated Remaining Life (Yrs)	Additional Contract Life (Yrs)
100	36,000	148.6	140.6
200	72,000	74.3	66.3
300	108,000	49.5	41.5
400	144,000	37.1	29.1
500	180,000	29.7	21.7
600	216,000	24.8	16.8
700	252,000	21.2	13.2
800	288,000	18.6	10.6