

AGENDA

LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION

June 10, 2014

6:30 p.m.

LOUDON COUNTY COURTHOUSE ANNEX

Loudon, Tennessee

1. Call to Order
2. Approval of Minutes – May 13, 2014
3. Items of Public Concern
4. Cash Activity Report
5. Operations Report
 - a) Permit mod update
 - b) Air permit status
6. Operating Agreement Modifications
7. Investment Options
8. Attorney's Report
9. Chairman's Report
10. Other Items of Commission's Consideration
11. Adjourn

MONTHLY CASH REPORT

May

OF

2014

CASH RECEIPTS:

Landfill Host Fees	13,749.16
Closure/Post Clo. Security Fees	21,488.87
Interest Received	
Tire Grants	3,933.00
Other: _____	

Total Monthly Revenue: 39,171.03

CASH DISBURSEMENTS:

Commissioner Meeting Pymts.	300.00
Commissioner Travel/Seminar	1,450.01
Meeting Expense	
Legal Services	4,681.30
Audit/Accounting Services	1,550.00
Consultants	3,927.77
Trustee's Commission	
Debt Service/Loudon - Water Lines	
Santek-Tire Grant	3,933.00
Engineering Services	
Office Supplies	
Building and Contents Insurance	
Other: _____	
Other: Contracted Svc-Mowing	600.00

Total Monthly Expense: 16,442.08

Change in Net Assets: 22,728.95

BEGINNING CASH BALANCE: \$ 2,809,630.35

CLOSURE RESERVES:	\$ 1,225,605.87
Total Closure Reserves and General Account	\$ 2,832,359.30
GENERAL ACCOUNT:	\$ 1,606,753.43

ENDING CASH BALANCE: \$ 2,832,359.30

CHANGE IN CASH POSITION \$ 22,728.95

Cheryl Dunson

From: Rice, Erin [ricee@loudoncounty-tn.gov]
Sent: Tuesday, June 10, 2014 8:24 AM
To: Cheryl Dunson
Subject: Solid Waste Cash Activity Report-May 2014
Attachments: Solid Waste Cash Activity Report-May 2014.pdf

Cheryl,

Please see attached report for the Solid Waste Commission for May 2014. Please note that our department has not received the Trustee report for May as of today, so I will update this report with the Trustee's figures as soon as it is received by our office.

Thanks,

Erin Rice
Loudon County Government
ricee@loudoncounty-tn.gov
Phone (865) 458-7356
Fax (865) 458-6508

No virus found in this message.

Checked by AVG - www.avg.com

Version: 10.0.1432 / Virus Database: 3955/7145 - Release Date: 06/09/14

Tom Paul "Meeting Report" with Chip Miller":

I met with the County Trustee on Wednesday, June 4. The meeting was held in his office and lasted the allotted 45 minutes.

He had prepared for the meeting with an outline for an investment plan. He acknowledged a few rough edges on the relationship that exists with our commission without attributing a cause. He also said that he was aware of our potential plan to divert our Security Fee, but offered no objection.

He described the limits placed on investments by the state and his experience with maximizing returns within the constraint. A recent ruling by the state general counsel has placed an additional constraint on the mechanics of making investments. He described the work-around required to meet this ruling yet maintain the return.

The investment plan proposed would ladder the investments. Since the county has an investment committee, a four year CD is permitted. The plan would put \$1M in four year CDs to get the best rates and another \$1M in two year CDs, a hedge against the expected rise in interest rates in the next few years. The remainder would be in shorter term investments. This would require buying CDs in eleven different banks in order to stay under the \$250k limit at each bank.

The Trustee's only requirement was that our commission provide explicit instructions to him regarding the investments.

Respectfully submitted,

Tom Paul
June 7, 2014

**Monthly Operations Report
Matlock Bend Landfill
June 9, 2014
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. Tire Report

- II. ENGINEERING**
 - A. Remaining Airspace Utilization Schedule
 - B. Status of Major Permit Modification & NOD
 - C. Tier II Testing Results

- III. HOST & SECURITY FEES**

LANDFILL TONNAGE VOLUME
MONTH ENDING -
MAY 2014

MATLOCK BEND LANDFILL

MONTH	2013	2014	2013 TO 2014
JANUARY	21183.26	18181.51	-3001.75
FEBRUARY	18784.45	18827.30	42.85
MARCH	21164.32	19821.19	-1343.13
APRIL	23808.40	21488.87	-2319.53
MAY	24577.63	19160.50	-5417.13
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	109518.06	97479.37	(12,038.69)

**DAILY AVG FOR ANY
 RUNNING 30 DAY
 PERIOD 632.14**

CITY OF LOUDON

MONTH	2013	2014	2013 TO 2014
JANUARY	361.29	326.75	-34.54
FEBRUARY	303.30	322.26	18.96
MARCH	348.14	355.95	7.81
APRIL	427.14	380.93	-46.21
MAY	429.42	383.29	-46.13
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	1869.29	1769.18	(100.11)

LOUDON COUNTY

MONTH	2013	2014	2013 TO 2014
JANUARY	453.60	413.74	-39.86
FEBRUARY	384.82	391.37	6.55
MARCH	436.97	444.91	7.94
APRIL	479.58	436.44	-43.14
MAY	474.49	463.42	-11.07
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	2229.46	2149.88	-79.58

WASTE SERVICES OF TN

MONTH	2013	2014	2013 TO 2014
JANUARY	4596.48	5007.47	410.99
FEBRUARY	5069.18	4363.83	-705.35
MARCH	4998.69	4318.51	-680.18
APRIL	5925.28	4920.17	-1005.11
MAY	5132.10	4482.69	-649.41
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	25721.73	23092.67	(2,629.06)

LENOIR CITY

MONTH	2013	2014	2013 TO 2014
JANUARY	297.14	255.87	-41.27
FEBRUARY	261.57	256.28	-5.29
MARCH	270.08	307.30	37.22
APRIL	355.37	380.93	25.56
MAY	332.94	363.48	30.54
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	1517.10	1563.86	46.76

TENNESSEE TRASH

MONTH	2013	2014	2013 TO 2014
JANUARY	1525.76	1509.64	-16.12
FEBRUARY	1358.88	1560.54	201.66
MARCH	1520.34	1778.92	258.58
APRIL	1821.18	2067.49	246.31
MAY	1860.16	2020.17	160.01
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	8086.32	8936.76	850.44

LANDFILL TONNAGE VOLUME
MONTH ENDING -
MAY 2014

KIMBERLY CLARK - PAPER WASTE

MONTH	2013	2014	2013 TO 2014
JANUARY	6856.77	7846.43	989.66
FEBRUARY	5851.74	7663.61	1811.87
MARCH	7687.65	8275.51	587.86
APRIL	7018.70	8218.88	1200.18
MAY	8293.00	6458.22	-1834.78
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	35707.86	38462.65	2,754.79

TATE & LYLE - SLUDGE

MONTH	2013	2014	2013 TO 2014
JANUARY	2186.05	2088.33	-97.72
FEBRUARY	2377.30	2387.03	9.73
MARCH	2382.90	2292.99	-89.91
APRIL	2766.65	2601.69	-164.96
MAY	1879.97	2050.17	170.20
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	11592.87	11420.21	(172.66)

PSC METALS INC

MONTH	2013	2014	2013 TO 2014
JANUARY	5100.02	1136.94	-3963.08
FEBRUARY	3992.14	1834.26	-2157.88
MARCH	3842.74	2139.46	-1703.28
APRIL	5550.21	2915.74	-2634.47
MAY	5413.60	2571.44	-2842.16
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	23898.71	10597.84	(13,300.87)

TATE & LYLE - ASH

MONTH	2013	2014	2013 TO 2014
JANUARY	771.87	933.76	161.89
FEBRUARY	884.91	567.17	-317.74
MARCH	943.56	90.20	-853.36
APRIL	1235.12	218.21	-1016.91
MAY	1205.39	356.37	-849.02
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBER			0.00
OCTOBER			0.00
NOVEMBER			0.00
DECEMBER			0.00
TOTAL	5040.85	2165.71	(2,875.14)



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

NAME OF SITE <i>McLough Bond</i>		REGISTRATION NUMBER <i>SNL53-0203</i>		DATE <i>5-12-14</i>		
LOCATION (physical) <i> Hwy 72 N Loudon TN</i>			PURPOSE <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Follow-up <input checked="" type="checkbox"/> Complaint <input type="checkbox"/> Other			
OWNER/OPERATOR <i>LCSWB, Levi Higdon-Santek</i>			TYPE OF FACILITY <input checked="" type="checkbox"/> CLASS I <input type="checkbox"/> CLASS II <input checked="" type="checkbox"/> CLASS III <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 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>No violations observed. New flow meter on leachate discharge line now placed front of scales towards Boren.</i>						
PERSON INTERVIEWED (Signature) <i>[Signature]</i>			INSPECTED BY (Signature) <i>[Signature]</i>			
TITLE <i>Site Manager</i>			TITLE <i>EPS4</i>			
TIME OF DAY <i>1 pm</i>	WEATHER CONDITIONS <i>80°F clear</i>			COMPLIANCE DATE <i>N/A</i>		

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



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

NAME OF SITE <i>Matlock Bend Loudon County</i>		REGISTRATION NUMBER <i>JNL 53-0203</i>	DATE <i>6-9-14</i>
LOCATION (physical) <i>Hwy 70 N Loudon</i>		PURPOSE <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Follow-up <input type="checkbox"/> Complaint <input type="checkbox"/> Other	
OWNER/OPERATOR <i>Leslie Bank - Loui Higdon msk</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		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>No violations observed today.</i>			
PERSON INTERVIEWED (Signature) <i>[Signature]</i>		INSPECTED BY (Signature) <i>Paul Plant</i>	
TITLE <i>Site Manager</i>		TITLE	
TIME OF DAY <i>2:30pm</i>	WEATHER CONDITIONS - <i>80°F cloudy</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 May 2014

Material	Tonnage	2011 Sludge %		2012 Sludge %	
MSW		January	xx	January	6%
		February	xx	February	8%
MSW	<u>7,385</u>	March	16%	March	8%
Special Waste		April	12%	April	9%
		May	13%	May	8%
Other	9,060	June	12%	June	8%
Ash	426	July	11%	July	11%
Sludge	<u>2,291</u>	August	8%	August	10%
Total Special Waste	<u><u>11,777</u></u>	September	6%	September	10%
		October	6%	October	12%
Total MSW & SW	19,162	November	6%	November	10%
		December	7%	December	10%
Tires	49				
Total Material	<u><u>19,212</u></u>				
% MSW	<u>39%</u>				
% Special Waste	<u>61%</u>				
% Sludge	<u>12%</u>				

2013 Sludge %		2014 Sludge %	
January	11%	January	12%
February	13%	February	13%
March	12%	March	12%
April	12%	April	13%
May	10%	May	12%
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**

Month	Tonnage
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	38.06
Mar-14	40.58
Apr-14	34.29
May-14	30.69
Jun-14	
Total (tons)	352.63

Matlock Bend Landfill - Module H 2014 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)
		20,157		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	-	18,195	A	1.07	19,469	486,554
February	-	18,828	A	1.07	20,146	466,408
March	-	19,821	A	1.07	21,209	445,200
April	-	21,489	A	1.07	22,993	422,206
May	-	19,161	A	1.07	20,502	401,705
June	-	20,157	P	1.07	21,568	380,137
July	-	20,157	P	1.07	21,568	358,569
August	-	20,157	P	1.07	21,568	337,001
September	-	20,157	P	1.07	21,568	315,433
October	-	20,157	P	1.07	21,568	293,865
November	-	20,157	P	1.07	21,568	272,297
December	-	20,157	P	1.07	21,568	250,729

¹ = Remaining airspace based on Sept. 20, 2013 aerial survey.

Full Date

December-2015

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 = 1.32 cy/ton)

Tonnage for Past 3 Months

March	19,821
April	21,489
May	19,161
Average	20,157

cc: Matt
Rob
Cheryl
Ron
Chris
Levi
Jason



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

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

June 5, 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 May 1, 2014 to May 31, 2014:

Host Fees (Greater of below) –	
Total Tip Fees Billed	\$315,427.69
Host Fee Percentage	<u>4.00%</u>
	\$ 12,617.11
Minimum Fee	<u>\$ 10,652.00</u>
Security Fees (Greater of below) –	
Total Tonnage Received	19,160.52
Rate per ton	<u>\$ 1.00</u>
Total	\$ 19,160.52
Total Tip Fees Billed	\$315,427.69
Security Fee Percentage	<u>5.00%</u>
	\$ 15,771.38

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 blue ink that reads "Andrew Kandy".

Andrew Kandy
Regional Controller

PROPOSED CONTRACT CHANGES FOR LOUDON CLOSURE/POST-CLOSURE OBLIGATIONS

1. Change Section 8.2 to reflect close-as-you-go process
2. Create new section entitled "Financial Assurance Account." (See attached model)
- ✓ 3. Increase funding of Closure/Post-closure account to \$1.04 per ton; to be reviewed and adjusted annually based on Remaining Airspace; Existing Closure/Post-closure Reserves; Anticipated Closure/Post-Closure Liabilities (including expansion area); TDEC Inflation Factor; Remaining Closure/Post-Closure Liabilities
4. Determine amount to be deposited into the joint account. April 2014 Monthly Cash Report indicates Closure/Post-Closure Reserves of \$1,283,594.26
5. Create a Control Agreement for the Financial Assurance Account (See attached model)

(a) Financial Assurance Account.

- (1) In order to secure its obligations related to Closure and Post-closure Care under this Lease, the Lessee will establish an interest-bearing segregated account ("Financial Assurance Account") with an independent third-party national banking institution of the County's choice (the "Bank"), the money therein and accrued interest thereon to be used by the Lessee for Closure and Post-closure Care Costs related to the Landfill. Contractor and County will enter into a mutually acceptable separate written agreement with the Bank (the "Control Agreement"), which will establish the procedures for disbursing the funds in the Financial Assurance Account for Closure and Post-Closure Care, which terms shall be consistent with the terms of this Agreement.
- (2) Within thirty (30) days of the end of each calendar quarter during the Term, Lessee will deposit into the Financial Assurance Account an amount equal to the number of tons disposed of in the landfills during such quarter, multiplied by \$1.28; provided, that such amount per ton shall be increased or decreased annually by Lessee upon the County's reasonable consent, to adequately provide for costs of Closure and Post-Closure Care for Solid Waste disposed of in the Landfill during the Term, which includes coverage for such costs related to wastes that were disposed of in the Landfill prior to the Term based on a sixty (60) year amortization from the Commencement Date.
- (3) As set forth in the Control Agreement, Lessee shall use the funds in the Financial Assurance Account to conduct Closure and Post-Closure Care of the landfill, as and when obligated under the terms of Sections 8.3 and 8.4 of this Lease. Lessee shall enter into a mutually acceptable assignment and pledge agreement with the County, which shall grant the County a first-priority security interest in Lessee's rights to the funds in the Financial Assurance Account in order to secure Lessee's obligations under Article VIII of this Lease, and Lessee agrees to execute any and all other instruments necessary to perfect the County's first lien.

- (b) Right to Use Funds. Notwithstanding anything contained in this Lease to the contrary, Lessee's obligations with respect to Closure and Post-Closure Care are subject to and contingent upon Lessee's access to the funds in the Financial Assurance Account and/or other posted funds required pursuant to the Solid Waste Laws. In any event in which the County elects to assume the obligations of Closure and Post-Closure Care of the Landfill, the Control Agreement shall provide that the funds of the Financial Assurance Account shall be disbursed to the County for use by the County in defraying the costs of Closure and/or Post-Closure Care of the Landfill.

**MATLOCK BEND LANDFILL - EXPANSION
CLOSURE / POST CLOSURE ASSURANCE MODEL**

Year	Available Tons	Assumed Annual Tonnage	Inflation Factors:		2.50%		2.50%		
			CPC Amortization	Calculation	Projected CPC Fund Balance (Assumed 2.5% Interest)	Estimated Closure Costs (Inflated 2.5%)	Estimated PC Costs (Inflated 2.5%)	Total CPC Costs	Annual PC Cost (Inflated 2.5%)
2013	6,065,238	250,000	\$254,565	\$1.02	\$1,165,469	\$5,247,872	\$2,093,593	\$7,341,465	\$0
2014	5,815,238	250,000	\$260,929	\$1.04	\$1,455,535	\$5,379,068	\$2,145,933	\$7,525,001	\$0
2015	5,565,238	250,000	\$267,453	\$1.07	\$1,759,376	\$5,513,545	\$2,199,581	\$7,713,126	\$0
2016	5,315,238	250,000	\$274,139	\$1.10	\$2,077,499	\$5,651,384	\$2,254,571	\$7,905,954	\$0
2017	5,065,238	250,000	\$280,992	\$1.12	\$2,410,429	\$5,792,668	\$2,310,935	\$8,103,603	\$0
2018	4,815,238	250,000	\$288,017	\$1.15	\$2,758,707	\$5,937,485	\$2,368,708	\$8,306,193	\$0
2019	4,565,238	250,000	\$295,218	\$1.18	\$3,122,892	\$6,085,922	\$2,427,926	\$8,513,848	\$0
2020	4,315,238	250,000	\$302,598	\$1.21	\$3,503,563	\$6,238,070	\$2,488,624	\$8,726,694	\$0
2021	4,065,238	250,000	\$310,163	\$1.24	\$3,901,315	\$6,394,022	\$2,550,840	\$8,944,862	\$0
2022	3,815,238	250,000	\$317,917	\$1.27	\$4,316,765	\$6,553,873	\$2,614,611	\$9,168,483	\$0
2023	3,565,238	250,000	\$325,865	\$1.30	\$4,750,549	\$6,717,719	\$2,679,976	\$9,397,695	\$0
2024	3,315,238	250,000	\$334,012	\$1.34	\$5,203,324	\$6,885,662	\$2,746,975	\$9,632,638	\$0
2025	3,065,238	250,000	\$342,362	\$1.37	\$5,675,770	\$7,057,804	\$2,815,650	\$9,873,454	\$0
2026	2,815,238	250,000	\$350,921	\$1.40	\$6,168,585	\$7,234,249	\$2,886,041	\$10,120,290	\$0
2027	2,565,238	250,000	\$359,694	\$1.44	\$6,682,494	\$7,415,105	\$2,958,192	\$10,373,297	\$0
2028	2,315,238	250,000	\$368,686	\$1.47	\$7,218,242	\$7,600,483	\$3,032,147	\$10,632,630	\$0
2029	2,065,238	250,000	\$377,904	\$1.51	\$7,776,602	\$7,790,495	\$3,107,951	\$10,898,445	\$0
2030	1,815,238	250,000	\$387,351	\$1.55	\$8,358,368	\$7,985,257	\$3,185,649	\$11,170,907	\$0
2031	1,565,238	250,000	\$397,035	\$1.59	\$8,964,362	\$8,184,889	\$3,265,291	\$11,450,179	\$0
2032	1,315,238	250,000	\$406,961	\$1.63	\$9,595,432	\$8,389,511	\$3,346,923	\$11,736,434	\$0
2033	1,065,238	250,000	\$417,135	\$1.67	\$10,252,453	\$8,599,249	\$3,430,596	\$12,029,845	\$0
2034	815,238	250,000	\$427,563	\$1.71	\$10,936,328	\$8,814,230	\$3,516,361	\$12,330,591	\$0
2035	565,238	250,000	\$438,252	\$1.75	\$11,647,988	\$9,034,586	\$3,604,270	\$12,638,855	\$0
2036	315,238	250,000	\$449,209	\$1.80	\$12,388,396	\$9,260,450	\$3,694,377	\$12,954,827	\$0
2037	65,238	65,238	\$120,152	\$1.84	\$13,158,545	\$9,491,962	\$3,786,736	\$13,278,698	\$0
2038	0	0	\$0	\$0.00	\$13,610,665	\$9,729,261	\$3,881,404	\$13,610,665	\$0
2039	0	0	0	0	\$4,221,671	\$0	\$3,849,059	\$3,849,059	\$129,380.14
2040	0	0	0	0	\$4,197,833	\$0	\$3,812,671	\$3,812,671	\$132,614.65
2041	0	0	0	0	\$4,170,164	\$0	\$3,772,058	\$3,772,058	\$135,930.01
2042	0	0	0	0	\$4,138,488	\$0	\$3,727,031	\$3,727,031	\$139,328.26
2043	0	0	0	0	\$4,102,622	\$0	\$3,677,395	\$3,677,395	\$142,811.47
2044	0	0	0	0	\$4,062,376	\$0	\$3,622,948	\$3,622,948	\$146,381.76
2045	0	0	0	0	\$4,017,553	\$0	\$3,563,481	\$3,563,481	\$150,041.30
2046	0	0	0	0	\$3,967,951	\$0	\$3,498,776	\$3,498,776	\$153,792.33
2047	0	0	0	0	\$3,913,357	\$0	\$3,428,608	\$3,428,608	\$157,637.14
2048	0	0	0	0	\$3,853,554	\$0	\$3,352,745	\$3,352,745	\$161,578.07
2049	0	0	0	0	\$3,788,315	\$0	\$3,270,946	\$3,270,946	\$165,617.52
2050	0	0	0	0	\$3,717,405	\$0	\$3,182,962	\$3,182,962	\$169,757.96
2051	0	0	0	0	\$3,640,583	\$0	\$3,088,534	\$3,088,534	\$174,001.91
2052	0	0	0	0	\$3,557,595	\$0	\$2,987,395	\$2,987,395	\$178,351.96
2053	0	0	0	0	\$3,468,183	\$0	\$2,879,269	\$2,879,269	\$182,810.76
2054	0	0	0	0	\$3,372,077	\$0	\$2,763,870	\$2,763,870	\$187,381.02
2055	0	0	0	0	\$3,268,998	\$0	\$2,640,901	\$2,640,901	\$192,065.55
2056	0	0	0	0	\$3,158,657	\$0	\$2,510,057	\$2,510,057	\$196,867.19
2057	0	0	0	0	\$3,040,756	\$0	\$2,371,019	\$2,371,019	\$201,788.87
2058	0	0	0	0	\$2,914,987	\$0	\$2,223,461	\$2,223,461	\$206,833.59
2059	0	0	0	0	\$2,781,028	\$0	\$2,067,043	\$2,067,043	\$212,004.43
2060	0	0	0	0	\$2,638,549	\$0	\$1,901,415	\$1,901,415	\$217,304.54
2061	0	0	0	0	\$2,487,208	\$0	\$1,726,213	\$1,726,213	\$222,737.15
2062	0	0	0	0	\$2,326,651	\$0	\$1,541,063	\$1,541,063	\$228,305.58
2063	0	0	0	0	\$2,156,512	\$0	\$1,345,576	\$1,345,576	\$234,013.22
2064	0	0	0	0	\$1,976,411	\$0	\$1,139,352	\$1,139,352	\$239,863.55
2065	0	0	0	0	\$1,785,958	\$0	\$921,976	\$921,976	\$245,860.14
2066	0	0	0	0	\$1,584,747	\$0	\$693,018	\$693,018	\$252,006.65
2067	0	0	0	0	\$1,372,359	\$0	\$452,037	\$452,037	\$258,306.81
2068	0	0	0	0	\$1,148,361	\$0	\$198,573	\$198,573	\$264,764.48

End of Santek's Contract
 Year Landfill is Full
 Withdraw money from account

Assumptions:

Annual tonnage of 250,000.
 Assume constant waste density of 1.32 CY/Ton .
 Assume closure cost rise by 2.5% inflation.
 Assume post closure cost rise by 2.5% inflation.
 Assume expansion permit is obtained as submitted.
 Assume CPC fund keeps up with inflation.

LCSWDC Closure/Post-Closure Model

Annual Calculation Variables:

- Inflation rate
- Density of airspace
- Current C/PC balance
- Remaining estimated C/PC costs
- Remaining calculated landfill airspace

LEDGER . CASE P1000

Model Assumptions:

- Annual tonnage of 250,000.
- Assume constant waste density of 1.32 CY/Ton.
- Assume closure cost rise by 2.5% inflation.
- Assume post closure cost rise by 2.5% inflation.
- Assume expansion permit is obtained as submitted.
- Assume CPC fund keeps up with inflation.