AGENDA LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION January 9, 2018

6:30 p.m.

LOUDON COUNTY COURTHOUSE ANNEX Loudon, Tennessee

- 1. Opening of Meeting, Pledge of Allegiance, Invocation
- 2. Approval of Minutes December 12, 2017
- 3. Items of Public Concern
- 4. Cash Activity Report
- 5. Operations Report
- 6. Auditor's Contract RFP
- 7. Contract Modification Update
- 8. Poplar Springs Update
- 9. Attorney's Report
- 10. Chairman's Report
- 11. Other Items of Commission's Consideration
- 12. Adjourn

Loudon County Department of Accounts and Budgets Solid Wast Disposal Fund 207 Monthly Cash Report December 2017

November 2017 Combined Ending Cash Balance per Monthly R	Report	3,513,175.37	
Adjustments			
Adjustments:	0.00		
	0.00		
Total Adjustments		0.00	
Adjusted November 2017 Combined Ending Balance	ce ner Loudon Co	o Trustee	3,513,175.37
Aujusted November 2017 Combined Ending Balance	ce per coddon c	=	3,313,173.37
Transfer And Design and Complete Control of the			TO CONCERN THE PROPERTY OF THE
Solid Waste Disposal Commission Operating Fund			
Operating Fund Ending Balance November 2017		3,314,452.28	
Cash Receipts:			
Trustee's Collections - Prior Year	0		
Surcharge - Host Fees (Nov 2017)	13,198.26		
Surcharge - Security Fees (Nov 2017)	16,497.83		
Investment Income Total Monthly Revenue	849.44	30,545.53	
Total Monthly Nevende		30,343.33	
Cash Disbursements:			
Board & Committee Members Fees	(350.00)		
Social Security	(3.10)		
Employer Medicare	(0.72)		
Audit Services (Mitchell Emert & Hill) Contracts with Private Agencies (Santek)	0.00 0.00		
Engineering Services (Santek)	0.00		
Contributions (Loudon Utilities - Quarterly)	(3,750.00)		
Legal Services	(2,500.00)		
Legal Notices	0.00		
Other Contracted Services (Mowing)	0.00		
Building & Content Insurance	0.00		A.W
In-Service/Staff Development (Refund)	0.00		
Trustee's Commission Total Cash Disbursements	(131.98)	(6,735.80)	
Expenditure Credit:		(0,755.80)	
Trustee Commission Adjustment		0.00	
•			
Operating Fund Ending Balance December 2017			3,338,262.01
Doulay Springs Subfrond			
Poplar Springs Subfund			
Poplar Springs Subfund Balance November 2017		198,723.09	
Cash Receipts:		,	
	0.00		
Total Monthly Revenue		0.00	
Cash Disbursements:			
Legal Services	0.00		
Total Cash Disbursements		0.00	
Poplar Springs Subfund Balance December 2017			198,723.09
TOTAL COMPINED OPERATING AND DOD! AD CODINGS DECEMBE	IDED 2017 DALAI	NCE	2 526 005 10
TOTAL COMBINED OPERATING AND POPLAR SPRINGS DECEM	IBER ZUIT BALAI	<u> </u>	3,536,985.10
Combined Summary - December 2017			
Beginning Balance		(sp)	3,513,175.37
Plus Operating Revenue			30,545.53
Less Operating and Poplar Springs Disbursements			(6,735.80)
TOTAL COMBINED BALANCE - DECEMBER 2017			3,536,985.10
TOTAL CONTINUED BALANCE - DECENTION 2017		_	3,330,363.10



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

Email: mail@santekenviro.com Internet: www.santekenviro.com October 27st, 2017

Mr. Bradshaw Loudon County Mayor Loudon County, Tennessee 100 River Road, Suite 106 Loudon, Tennessee 37774

Dear Mr. Bradshaw,

Please accept this letter as written confirmation about the upcoming price increase for waste disposal at the Matlock bend landfill. The increase is tied to the Consumer Price Index (CPI) which is assessed annually. The CPI can be viewed on the United States Bureau of Labor Statistics' web site. Our calculations are based on the period from September 1, 2016 to September 31st, 2017. A CPI adjustment to disposal fees is permissible according to the landfill management agreement between the Loudon County Solid Waste Disposal Commission and Santek Waste Services, LLC. An increase of 2.2 %, will become effective December 1st, 2017. Please notify any department heads who may be affected by the increase.

Thank you for your prompt attention to this matter and thank you for your business.

Sincerely,

Kenny R. Fuguea

VP of Business Development

Santek Waste Services, LLC

650 25th Street, Suite 100

Cleveland, TN 37311

(706) 463-0020

cc: Phillis Youngblood, Loudon County Deputy Clerk Brandi Jones, Santek Waste Services, LLC

Cheryl Dunson

From:

Cheryl Dunson

Sent:

Thursday, January 04, 2018 12:54 PM

To: Subject: 'Steve Field' CPI Adjustment

Steve, here is the information you were looking for on the CPI adjustment. Please let me know if you need anything additional. Cheryl

GateRate

Brush

28.45 + 1.25 state = 29.70/tn 28.45 + 1.25 state = 29.70/tn

C&D MSW

28.45 + 1.25 state = 29.70/tn

Shingles

28.45 + 1.25 state = 29.70/tn

Dead Animals

28.45/tn

Dig Out

35.00 Each

Tires

1.25 Each

Lenoir City

LO000001

MSW C&D 21.13 + 1.25 state = 22.38/tn 21.13 + 1.25 state = 22.38/tn

Brush

21.13 + 1,25 state = 22,38/tn

City of Loudon

LO000002

MSW

21.13 + 1.25 state = 22.38/tn

C&D

21.13 + 1.25 state = 22.38/tn

Brush

21.13 + 1.25 state = 22.38/tn

Loudon County

LO000011

MSW Brush 21.13 + 1.25 state = 22.38/tn 21.13 + 1.25 state = 22.38/tn

Loudon Utilities LO000012

Sludge

21.13 + 1.25 state = 22.38/tn

Loudon Co/C.C. Loudon Co

oudon Co LO000105

MSW

21.13 + 1.25 state = 22.38/tn

C&D Brush 21.13 + 1.25 state = 22.38/tn 21.13 + 1.25 state = 22.38/tn

Loudon Co/C.C. Lenoir City

Lenoir City LO000106

MSW

21.13 + 1.25 state = 22.38/tn

Brush

21.13 + 1.25 state = 22.38/tn

Loudon Co/C.C. Greenback

LO000107

MSW

21.13 + 1.25 state = 22.38/tn

Brush

21.13 + 1.25 state = 22.38/tn



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

Email: mail@santekenviro.com Internet: www.santekenviro.com January 9, 2018

Mr. Steve Field Chair Loudon County Solid Waste Disposal Commission P.O. Box 351 Loudon, TN 37774

Dear Mr. Field:

Pursuant to Section 10.3 "Tipping Fees and Other Charges" in the Landfill Management Agreement between the Loudon County Solid Waste Disposal Commission and Santek Environmental, Inc., dated July 1, 2007, please see the attached Top Twenty Customers of the Landfill for the Contractor's discounted general tipping fees for volume users or for Special Waste in accordance with area market conditions as of December 31, 2017.

The stakeholder rate is \$21.13 per ton effective 12/1/17. The gate rate is \$28.45 per ton. Tires are \$1.25 each.

The State of Tennessee receives an additional \$1.25 per ton which is added to the aforementioned rates.

We trust the Commission will exercise its discretion in keeping these fees as confidential as possible to prevent a loss of revenue to Santek and host fees to the Commission.

Sincerely,

David L. Hollinshead ℓ

Corporate Development

Cc:

Ms. Cheryl L. Dunson, Vice President of Marketing

Mr. Matt Dillard, Vice President of Operations

Attachment

(1)

Loudon Landfill Top Twenty (20) Customers Rates & Percentage of Material Delivered at 12/31/17

Customer	Rate	%	Type	Comment
TENNESSEE TRASH SERVICE, LLC	\$21.35	26%	MSW/C&D	
KIMBERLY CLARK	\$13.05	25%	SPW	Approved as an ADC thru the State of TN
WASTE SERVICES OF TENNESSEE, LLC - R/0	\$19.29	10%	MSW	•
KIMBERLY-CLARK CORPORATION	\$22.90	6%	MSW	
WASTE MANAGEMENT OF KNOXVILLE	\$28.46	5%	MSW	
WASTE SERVICES OF TN - FEL	\$19.28	5%	MSW	
CASH	\$31.47	3%	MSW	
WASTE CONNECTIONS TN	\$24.40	3%	SPW	
ROANE COUNTY RECYCLING CENTER	\$22.75	2%	MSW	
CITY OF LOUDON	\$20.76	2%	SPW	
LOUDON UTILITIES	\$20.72	2%	MSW	
LENOIR CITY	\$20.73	2%	MSW	
LOUDON CO/C.C. LENOIR CITY	\$20.78	1%	MSW	
WASTE SERVICES TN - RESI	\$19.28	1%	MSW	
TERRY LANKFORD	\$23.98	1%	MSW	
LOUDON CO/C.C. LOUDON CO	\$20.71	1%	MSW	
LOUDON CO/C.C. GREENBACK	\$20.71	1%	MSW	
ADAMS ROOFING	\$28.45	0%	MSW	
RONNIE SITZLER	\$28.45	0%	MSW	
FAY PORTABLE BUILDINGS	\$26.80	0%	99% MSW	

MONTEREY MUSHROOM

GO GREEN REC

FAMILY BRANDS INTERNATIONAL LLC

ROANE METALS GROUP

TDOT - ROANE CO

TENNESSEE DEPT OF TRANSPORTATION

REAL ALLOY RECYCLING INC

WASTE CORPORATION OF TN, INC

MASHBURN HOMES

GOODYEAR COMMERCIAL TIRE

HOME OPTIONS OF TN, INC

HARRISON DAIRY INC

TENN LAWN & LANDSCAPE

AG CENTRAL FARMERS CO-OP

PCI

JUNK BEE GONE LLC

SUPERIOR SANITATION, LLC.

TELLICO VILLAGE POA

GRIFFIN WASTE SERVICES, LLC

VALLEY BUILDING SUPPLY, INC

CITY OF SWEETWATER

MATLOCK TIRES SERVICE

LOUDON COUNTY ANIMAL SHLETER

LENOIR CITY UTILITY

COVEY CONSTRUCTION

LOUDON COUNTY

THE WEAVER HOMES COMPANY, INC

RESOLUTION INCORPORATED

AGCENTRAL CO-OP

TVA - LITTLE TN WATERSHED TEAM

LEWIS CONSTRUCTION

JACCARD CONSTRUCTION

LIBERTY TIRE RECYCLERS, INC

Total

Monthly Operations Report Matlock Bend Landfill January 9, 2018

<u>Presented by:</u> 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. Inspection
- D. Materials Classification Report
- E. Waste Characterization Report
- F. Tire Report

II. ENGINEERING

- A. Airspace Utilization Schedule
- B. Leachate & Loudon Utilities
- C. Leachate Management Compliance

III. HOST & SECURITY FEES

LANDFILL TONNAGE VOLUME MONTH ENDING December 2017

MATLOCK BEND LANDFILL

LOUDON COUNTY

LENOIR CITY

MONTH	2016	2017	2016 TO 2016	MONTH	2016	2017	2016 TO 2016
JANUARY	13,035.08	15,336.42	2,301.34	JANUARY	412.09	477.16	65.07
FEBRUARY	13,619.92	14,991.58	1,371.66	FEBRUARY	444.62	424.98	(19.64)
MARCH	15,803.85	16,055.37	251.52	MARCH	513.60	498.94	(14.66)
APRIL	14,569.65	14,472.05	(97.60)	APRIL	465.42	507.83	42.41
MAY	14,994.10	16,123.28	1,129.18	MAY	466.86	549.58	82.72
JUNE	14,159.65	15,653.83	1,494.18	JUNE	493.13	519.50	26,37
JULY	14,517.67	14,583.45	65.78	JULY	501.33	542.63	41.30
AUGUST	16,139.18	15,865.64	(273.54)	AUGUST	495.64	512.30	16.66
SEPTEMBER	15,761.01	16,560.64	799.63	SEPTEMBER	440.52	482.19	41.67
OCTOBER	16,145.67	17,666.70	1,521.03	OCTOBER	468.33	459.47	(8.86)
NOVEMBER	16,532.14	16,195.44	(336.70)	NOVEMBER	459.06	487.96	28.90
DECEMBER	15,078.53	15,566.26	487.73	DECEMBER	495.25	479.80	(15.45)
TOTAL	180,356.45	189,070.66	8,714.21	TOTAL	5,655.85	5,942.34	286.49

			2016
MONTH	2016	2017	TO 2016
JANUARY	260.26	320.21	59.95
FEBRUARY	296.65	280.52	(16.13)
MARCH	385.43	375.49	(9.94)
APRIL	342.75	345.90	3.15
MAY	343.73	385.74	42.01
JUNE	353.55	361.60	8.05
JULY	355.51	368.18	12.67
AUGUST	374.84	405.09	30.25
SEPTEMBE	315.59	351.66	36.07
OCTOBER	285.54	349.35	63.81
NOVEMBE	295.73	335.19	39.46
DECEMBER	332.53	297.33	(35,20)
TOTAL	3,942.11	4,176.26	234.15

DAILY AVG FOR ANY RUNNING 30 DAY PERIOD

496.62

DAILY AVG FOR 22.5 DAY PERIOD

691.84

CITY OF LOUDON

WASTE SERVICES OF TN

TENNESSEE TRASH

MONTH	2016	2017	2016 TO 2016	MONTH	2016	2017	2016 TO 2016
JANUARY	312.87	374.21	61.34	JANUARY	1,835.75	2,573.63	737.88
FEBRUARY	346.21	316.79	(29.42)	FEBRUARY	2,031.60	2,358.39	326.79
MARCH	416.82	407.26	(9.56)	MARCH	2,387.63	2,521.29	133.66
APRIL	366.91	368.89	1.98	APRIL	2,329,74	2,350.38	20.64
MAY	383.35	446.12	62.77	MAY	2,347.21	2,737.26	390.05
JUNE	427.97	404.84	(23.13)	JUNE	2,406.60	2,769.33	362.73
JULY	403.03	399.49	(3.54)		2,438.41	2,558.48	120.07
AUGUST	432.17	398.67	(33.50)	AUGUST	2,673.71	2,759.94	86.23
SEPTEMBER	373.37	378.74		SEPTEMBER	2,410.12	2,617.34	207.22
OCTOBER NOVEMBER	351.68	384.36	32.68	OCTOBER	2,502.28	2,681.16	178.88
DECEMBER	342.94	376.88	33.94	NOVEMBER	2,483.98	2,702.62	218.64
	392.49	355.57	(36.92)	DECEMBER	2,600.82	2,571.81	(29.01)
TOTAL	4,549.81	4,611.82	62.01	TOTAL	28,447.85	31,201.63	2,753.78

3 #O3 PPTT	2016	2015	2016 TO 2016
MONTH	2016	2017	TO 2016
× 12 77 1 20 72	215262	2 505 05	1 500 00
JANUARY	2,152.03	3,735.96	1,583.93
FEBRUARY	2,264.75	3,572.92	1,308.17
MARCH	2,824.58	3,906.62	1,082.04
APRIL	2,841.02	3,800.78	959.76
MAY	2,927.00	4,370.78	1,443.78
JUNE	2,955.40	4,485.85	1,530.45
JULY	3,286.37	3,911.99	625.62
AUGUST	4,086.78	4,476.93	390,15
SEPTEMBE	4,104.61	4,048.58	(56,03)
OCTOBER	4,421.76	4,606.41	184.65
NOVEMBER	4,374.32	4,348.17	(26,15)
DECEMBER	4,143.99	4,193.86	49.87
TOTAL	40,382.61	49,458.85	9,076.24

LANDFILL TONNAGE VOLUME MONTH ENDING December 2017

KIMBERLY CLARK - PAPER WASTE

			2016
MONTH	2016	2017	TO 2016
JANUARY	4,649.89	4,389.45	(260.44)
FEBRUARY	4,671.47	4,197.85	(473.62)
MARCH	5,141.91	3,834.53	(1,307.38)
APRIL	4,797.68	3,145.34	(1,652.34)
MAY	4,941.64	3,846.17	(1,095.47)
JUNE	4,254.76	3,682.06	(572.70)
JULY	4,137.17	3,592.35	(544.82)
AUGUST	4,418.74	3,422.54	(996.20)
SEPTEMBER	5,124.10	4,366.81	(757,29)
OCTOBER	4,866.65	4,461.57	(405.08)
NOVEMBER	5,552.70	4,140.50	(1,412.20)
DECEMBER	3,978.40	4,310,18	331.78
TOTAL	56,535.11	47,389.35	(9,145.76)

TENNESSEE DIVISION OF SOLID WASTE MANAGEMENT CLASS I LANDFILL INSPECTION CHECKLIST*

CLASS I LANDFILL

SITE	Che	ck Site for Er	nforcement		DATE	TIME	WEATHER
					20171212	14:30	35 deg F pt clou
Loudo	on County Landfill SNL5300		21712 Hig	hwaj			EFO KNOX
		*SEE D	ISCLAIMER ON L	.AST PA			
	VIOLATION		REGULATION		OBSERVATION NVO AOC V1	Towns of the second	COMMENTS
1#			NDARDS FOR	SITIN	G LANDFILLS		
8310	BUFFER ZONE STANDARD VIOLATED	0400-1	1-0104(3)(a)				
#		The state of the s	LECTED LEACE	Section 1995			
8330	LEACHATE IMPROPERLY MANAGED	0400-1	1-0104(4)(a)8(i-	iii) ?			
8340	INADEQUATE LEACHATE COLLECTION SYSTEM	0400-11	-0104(4)(a)7	?			
		CON	MUNICATIO	NS			
3130	NO COMMUNICATION DEVICES	0400-11-	-0104(2)(f)	?			
		CO	VER MATERIAL	L	Marilla M		
160	UNAVAILABILITY OF COVER MATERIAL.	0400-11-0	0104(2)(h)	?			
وبرشاه		DE	AD ANIMALS		District Street		
250	DEAD ANIMALS IMPROPERLY HANDLED	0400-11-0 (I-III	11-,04(2)(k)5.(ii)	?			
		DUS	T CONTROL			Mark Mark	and the second
190	INADEQUATE DUST CONTROL	0400-11-01	104(2)(j)	?			
		UTY TO PRO	VIDE INFORM	ATION			
30	UNSATISFACTORY RECORDS OR REPORTS	0400-11-01	02(5)(a)7	?			
30		TCA 68-211	-862(a)	X			
	PERMITS, PLANS, OPERATING MANUAL NOT AVAILABLE	0400-11-01-	.02(5)(a)(7) ?	\boxtimes			
			E SAFETY			HIN THE	
30	VIDENCE OF OPEN BURNING	0400-11-01	04(2)(c)1 ?				

		*SEE DISCLAIMER ON L	AST PAGE	
	VIOLATION	REGULATION	OBSERVATION NVO AOC V1 V2	COMMENTS
		FIRE SAFETY		
8090	INADEQUATE FIRE PROTECTION	0400-11-0104(2)(c)2		
W.	G	AS MIGRATION CONTROL	.STANDARDS	
8380	INADEQUATE GAS MIGRATION CONTRO SYSTEM	0400-11-0104(5)(a)		
8390	INADEQUATE MAINTENANCE OF GAS MIGRATION CONTROL SYSTEM	0400-11-0104(5)(a)	?	
		GENERAL FACILITY STAN	NDARDS	
8010	INADEQUATE VECTOR CONTROL	0400-11-0104(2)(a)1		
8020	ACCESS NOT LIMITED TO OPERATING HO	URS 0400-11-0104(2)(a)4	?	
8030	INADEQUATE ARTIFICIAL OR NATURAL BARRIER	0400-11-01-,04(2)(b)1	?	
3040	INADEQUATE INFORMATION SIGNS	0400-11-0104(2)(b)2 TCA 68-211-703(h)		
8050	UNSATISFACTORY ACCESS ROAD(S)/PARKING AREA(S)	0400-11-0104(2)(b)3		
	CERTIFIED PERSONNEL NOT PRESENT DURING OPERATING HOURS	0400-11-0104(2)(b)5 ?		
070	UNAPPROVED SALVAGING OF WASTE	0400-11-0104(2)(b)6 ?		
		LITTER CONTROL		
110	JNSATISFACTORY LITTER CONTROL	0400-11-01-,04(2)(d) ?	added too	e down wind from face being day. observed site working to lown litter.
		OPERATING EQUIPMENT	r	
40	NADEQUATE OPERATING EQUIPMENT	0400-11-0104(2)(g) ?		
50	NAVAILABILITY OF BACKUP EQUIPMENT	0400-11-0104(2)(g) ?		

		*SEE DISCLAIMER ON LAST F	PAGE			
	VIOLATION	REGULATION	OBSERVATION NVO AOC V1 V2	COMMENTS		
94	C	VERALL PERFORMANCE STA	ANDARD			
8270	WASHOUT OF SOLID WASTE	0400-11-0104(2)(a)(3) ?				
8320	INADEQUATE MAINTENANCE OF LEACHAT MANAGEMENT SYSTEM (INSPECTOR TO CHECK AND RECORD LEACHATE LEVELS AT EVERY LANDFILL SUMP)	0400-11-01- 04(4)(2)7		see comment section.		
8350	LEACHATE OBSERVED AT THE SITE	0400-11-0104(2)(a)(3) ? 0400-11-0104(4)(a)6,				
8360	LEACHATE ENTERING RUN-OFF	0400-11-0104(2)(a)(3) ? 0400-11-0104(4)(a)6				
8370	LEACHATE ENTERING A WATER COURSE	0400-11-0104(2)(a)(3) ? 0400-11-0104(4)(a)6				
3420	POTENTIAL FOR EXPLOSIONS OR UNCONTROLLED FIRES	0400-11-0104(2)(a)2 ? 0400-11-0104(5)(a)	× □ □ □			
490	EXCESSIVE POOLING OF WATER	0400-11-0104(2)(a)3 ? 0400-11-0104(8)(c)4(iii)	× D D D			
520	DUMPING OF WASTE INTO WATER	0400-11-0104 (2)(a)3 ?				
		PERMANENT BENCHMARK		in the Market of the Control		
280	NO PERMANENT BENCHMARK	0400-11-0104(2)(o) ?				
PERSONNEL SERVICES						
20	INADEQUATE EMPLOYEE FACILITIES	0400-11-0104(2)(e) ?				
PROPER OPERATION AND MAINTENANCE						
40	GROUNDWATER MONITORING SYSTEM IMPROPERLY MAINTAINED	4400-11-0102(5)(a)4 ?				
	RANI	OOM INSPECTION PROGRAM				
	NADEQUATE RANDOM INSPECTION PROGRAM	400-11-0104(2)(s) ?				
	RECORDS OF OF	RIGIN AND AMOUNT OF SOL	ID WASTE			

37,30,22,23		*SEE DISCLAIMER ON L	AST PAGE	
	VIOLATION	REGULATION	OBSERVATION NVO AOC V1 V2	COMMENTS
	RECORE	S OF ORIGIN AND AMOU	NT OF SOLID WASTE	
8610	NO OPERATING SCALES AND/OR FAILUF MAINTAIN WASTE RECORDS	RE TO TCA 68-211-862(a)(b) (1)(2)	?	
9	RUN	I-ON, RUN-OFF, AND ERO	SION CONTROL	
	INADEQUATE MAINTENANCE OF RUN-	0400-11-0104(2)(i)1-5	?	
8170	ON/RUN-OFF SYSTEM(S)	0400-11-01-,04(8)(c)4(i)		
	INADEQUATE EROSION CONTROL	0400-11-0104(2)(i)6	?	
8180		0400-11-01-,04(8)(c)4(ii)		
	S	PECIAL WASTE APPROVAL	L PROCESS	
8300	MISHANDLING OF SPECIAL WASTE	0400-11-0101(4)(d)1		
	΄ '	NLAWFUL METHODS OF I	DISPOSAL	
	OPERATION DOES NOT CORRESPOND WIT	H TCA 68-211-104(3)	?	
8570	ENGINEERING PLANS (EVALUATE AND RECORD THE APPROXIMATE INTERIOR AND EXTERIOR SLOPE OF THE LANDFILL)	TCA 68-211-105(b)		
3580	OPERATION DOES NOT CORRESPOND WITH PERMIT CONDITIONS	H TCA 68-211-104(3) 0400-11-0102(5)(a)(1)		
		VACANT		
260	VACANT	vacant		
550	VACANT	vacant		
560	VACANT	vacant		
	WASTE F	HANDLING AND COVER ST	randards	
	WASTE NOT CONFINED TO A MANAGEABLE AREA	0400-11-0104(6)(a)1 ?		
40	MPROPER SPREADING OF WASTE	0400-11-0104(6)(a)2 ?		
50	MPROPER COMPACTING OF WASTE	0400-11-0104(6)(a)2 ?		

		*SEE DISCLAIMER ON LAS	ST PAGE	
	VIOLATION	REGULATION	OBSERVATION NVO AOC V1 V2	COMMENTS
	WAST	E HANDLING AND COVE	R STANDARDS	
0450	UNSATISFACTORY INITIAL COVER	0400-11-0104(6)(a)3	?	
8460		0400-11-0104(6)(a)5		
0.457.0	UNSATISFACTORY INTERMEDIATE COVER	0400-11-0104(6)(a)4	?	
8470		0400-11-0104(6)(a)5		
	UNSATISFACTORY FINAL COVER	0400-11-0104(6)(a)6	?	
8480		0400-11-0104(8)(c)4		
8510	UNSATISFACTORY STABILIZATION OF COVER	0400-11-0104(6)(a)5,6	?	
		WASTE RESTRICTION	S	
8210	UNAUTHORIZED WASTE ACCEPTED	0400-11-0104(2)(k)1	?	
02 IU		0400-11-0104(2)(k)6		
2222	UNAPPROVED SPECIAL WASTE ACCEPTED	0400-11-0101(4)(b)	>	
8220		0400-11-0101(4)(c)5		
1000	TIRES IMPROPERLY HANDLED	0400-11-0104(2)(k)3.(i) ?		
3230				
	MEDICAL WASTE IMPROPERLY HANDLED	0400-11-0104(2)(k)4.(i-iv) ?		
240				
		:		

*Disclaimer: The information contained in these documents (checklists/notes, etc.) is not intended to be all inclusive and is subject to change. These documents are intended solely for use by DSWM staff. These documents are not a substitute for evaluation of compliance in accordance with applicable laws and regulations. These documents are not intended for, nor can they be relied upon, to create any rights, substantive or procedural, enforceable or useable by any party in litigation with the State of Tennessee or its employees.

Sump and Tank Level Readings

tank level indicator observed to 7 feet of liquids indicating some large available capacity remaining. Sump next to tank had 18 inches in riser and sump cell H had 20 inches of liquids both acceptable. Cell A was built ~ 1988 and is gravity flow. Site needs to send written outline of how liquids depth can be determined on some frequency. AOC repeated until method proposed and accepted. Letter sent by KEFO Mgr as to proposed timeframe for submittal. Valves has been activated and closed in last month by operator.

Additional Comments

Newest clean out (cell I) to be jetted soon. Report when completed. Other cells jetted earlier this year. Couple wet spots lower area of cell near riser. May want to vent or tie to vent close by otherwise cover (clay or tarp) & send inspector photos to document work being performed. AOC for wet spots/leachate issued. Not running off so level so not V1. Cell I liner anchor trench visible. Area needs cover and isolate any run-off to prevent re-exposure. Inside cell liner is NOT exposed but take efforts to add swale or isolate after cover placed.

Materials Classification Report

Matlock Bend Landfill

Monthly Tonnage Summary December 2017

Material	Tonnage	2015	ludge %	2016 Sludge %		
MSW		January	2%	January	4%	
		February	3%	February	3%	
MSW	10,308	March	3%	March	4%	
		April	1%	April	3%	
Special Waste		May	2%	May	4%	
		June	1%	June	2%	
Other	4,521	July	5%	July	2%	
		August	2%	August	3%	
Ash	0	September	2%	September	2%	
		October .	2%	October	3%	
Sludge	737	November	3%	November	3%	
		December	5%	December	3%	
Total Special Waste	5,258					
•	(Autorial March 2017)	2017 Slu	ıdge %			
Total MSW & SW	15,566					
		January	5%			
		February	8%			
Tires	31	March	8%			
		April	7%			
Total Material	15,597	May	4%			
		June	2%			
		July	3%			
% MSW	66%	August	4%			
		September	7%			
% Special Waste	34%	October	8%			
•		November	6%			
% Sludge	5%	December	5%			

2017 Loudon MSW and Special Waste Analysis

Material	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
MSW	9,960	9,455	10,622	10,093	11,432	11,165	10,369	11,487	10,753	11,498	10,865	10,308	128,007
Special Waste	5,376	5,537	5,433	4,379	4,692	4,488	4,214	4,378	5,808	6,169	5,331	5,258	61,064
Tires	28	25	33 .	33	24	45	38	59	31	50	32	31	430
Total	15,365	15,017	16,088	14,505	16,148	15,699	14,621	15,925	16,592	17,717	16,228	15,597	189,501
%													
MSW	65%	63%	66%	70%	71%	71%	71%	72%	65%	65%	67%	66%	68%
Special Waste	35%	37%	34%	30%	29%	29%	29%	27%	35%	35%	33%	349	32%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	1009	6 100%

2017-2018 Matlock Bend Landfill Tire Report

Month	Tonnage
Jul-17	47.28
Aug-17	54.96
Sep-17	39.52
Oct-17	33.36
Nov-17	37.12
Dec-17	49.34
Jan-18	
Feb-18	
Mar-18	
Apr-18	
May-18	
Jun-18	
Total (tons)	261.58

Matlock Bend Landfill - Module I-A 2018 Airspace Projection / Construction Schedule

		MONTHLY		UTILIZATION		
		TONNAGE		FACTOR	4	
	Y-remarkable for the	16,477		1,44		T
	REMAINING		ACTUAL /	UTILIZATION	MONTHLY VOLUME	ENDING MONTHLY REMAINING
DATE	AIRSPACE ¹ (CY)	TONNAGE	PROJECTED ²	FACTOR (CY/TON)3	CONSUMED (CY)	AIRSPACE (CY
Sept. 7, 2017	260,032	#0	a	(#	=	(#
Sept. 8 - 30, 2017	45	13,104	Α	1.44	18,870	241,162
October	· · · · · · · · · · · · · · · · · · ·	17,669	Α	1.44	25,443	215,719
November	-	16,195	Α	1.44	23,321	192,398
December		15,566	А	1.44	22,415	169,983
January '18	2	16,477	Р	1.44	23,726	146,257
February	-	16,477	Р	1.44	23,726	122,530
March	/ -	16,477	Р	1.44	23,726	98,804
April	-	16,477	Р	1.44	23,726	75,078
May	-	16,477	Р	1.44	23,726	51,351
June	(4)	16,477	Р	1.44	23,726	27,625
July	3 0	16,477	Р	1.44	23,726	3,899
August	-	16,477	Р	1.44	23,726	0
September	-	16,477	Р	1.44	23,726	0
October	-	16,477	Р	1.44	23,726	. 0
November		16,477	Р	1.44	23,726	0
December		16,477	Р	1.44	23,726	0

¹= Remaining airspace based on September 7, 2017 aerial survey.

Full Date

August-2018

Tonnage for Past 3 Months

October	17,669	
November	16,195	
December	15,566	
Average	16,477	

cc: Tim

Matt

Cheryl

Ron Raymond

Jason

Mark

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 = 1.24 cy/ton)



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

December 5, 2017

Certified Mail 7016 0910 0002 1344 1452 Return Receipt Requested

Mr. Steve Fields, Chairman Loudon County Solid Waste Disposal Commission 100 River Road Loudon, Tennessee 37774

RE: Leachate Management Compliance

Matlock Bend Loudon County Class I Landfill

SNL 53-0203, Loudon County

Dear Mr. Fields:

The Division of Solid Waste Management (DSWM) is requiring all Class I landfills to immediately comply with the following regulations as stated below:

Division Rule 0400-11-01-.04(4)(a)7.(i) states, in part:

- (4) Leachate Migration Control Standards
 - (a) Class I Disposal Facilities
 - 7. The leachate collection and removal system must at a minimum, meet the following requirements:
 - (i) The leachate collection and removal system must be designed, constructed, operated, and maintained such that the leachate depth over the liner does not exceed one foot ...

Division Rule 0400-11-01-.04(4)(a)7.(iii)(II)-(III)

- (4) Leachate Migration Control Standards
 - (a) Class I Disposal Facilities
 - 7. The leachate collection and removal system must at a minimum, meet the following requirements:

Mr. Steve Field, Chairman Matlock Bend Loudon County Class I Landfill December 5, 2017 Page 2 of 2

- (iii) Leachate collection reservoirs must:
 - (II) Have sufficient capacity to store the volume of leachate expected to be generated in 30 days, or other adequate provisions approved by the Commissioner; and
 - (III) Have a reliable and convenient means of detecting the level of collected leachate in the reservoir and of sampling such leachate.

DSWM hereby requests that you or your engineering staff/consultant evaluate the facility's compliance with the above regulatory requirements, and devise a method to monitor the leachate levels within the footprint of the landfill and submit to the Division a copy of your findings for our review.

Noncompliance of the above referenced regulation will result in a violation if a response with requested information is not received by January 19, 2018.

If you have any questions regarding this correspondence, please do not hesitate to contact me at (865) 594-5468.

Sincerely,

Revendra Awasthi

Environmental Field Office Manager

wasthi

Division of Solid Waste Management

cc: DSWM, Nashville Central Office via electronic mail

Knoxville DSWM Files

Ashley Holt, Deputy Director of Field Operations, DSWM, Central Office

Craig Almanza, Manager, Solid Waste Program, DSWM, Central Office

Ron E. Vail, Santek Waste Services, LLC, 650 25th Street N.W., Suite 100, Cleveland, TN 37311

Cheryl Dunson

Cheryl,

I just wanted to give you a heads up that Santek will be listed or was listed at the end of 2017 in the Loudon newspaper for exceeding our leachate discharge limit for nickel. Once the limit is exceeded in a sample, Santek must collect three additional samples below the limit to get back in compliance. We were able to collect one additional sample below the limit, but the last two were back above the limit. Therefore, we now currently need six samples below the limit to get back in compliance (see email chain below with Dave Birkholz of Loudon Utilities). Santek is currently waiting for the next good rain event before we will collect more samples.

Please let me know if you have any questions or concerns.

Thank you,

Robert Hudson
Environmental Compliance Coordinator
Santek Waste Services, Inc.
650 25th Street NW, Suite 100
Cleveland, TN 37311
Phone: (423)303-7101 Fax: (423)479-1952

E-mail: rhudson@santekenviro.com



Cheryl L. Dunson EVP of Marketing



650 25th Street N.W., Suite 100 Cleveland, TN 37311 423-303-7107 Direct 423-284-8876 Cell cheryl@santekenviro.com www.santekenviro.com

"You can't live a perfect day without doing something for someone who will never be able to repay you." - John Wooden



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

Phone: (423) 303-7101 Toll Free: (800) 467-9160 www.santekenviro.com January 8, 2017

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 December 1, 2017 to December 31, 2017:

Host Fees (Greater of below) –	
Total Tip Fees Billed	\$307,631.64
Host Fee Percentage	4.00%
	\$ 12,305.27
Minimum Fee	\$ 10,652.00
Security Fees (Greater of below) –	
Total Tonnage Received	15,566.26
Rate per ton	\$ 1.00
Total	\$ 15,566.26
Total Tip Fees Billed	\$307,631.64
Security Fee Percentage	5.00%
	\$ 15,381.58

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,

Mark Mathys

Corporate Controller



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

Email: mail@santekenviro.com Internet: www.santekenviro.com January 9, 2018

Mr. Steve Field, Chairman Loudon County Solid Waste Disposal Commission 100 River Road Loudon, TN 37774

Dear Steve,

I am writing in response to the Loudon County Solid Waste Disposal Commission's ("LCSWDC") November 29, 2017 ("LCSWDC") proposal to modify the Operation Agreement with Santek Environmental, Inc. ("Santek") dated July 1, 2007, regarding the operation of the Matlock Bend Landfill (the "Contract"). To simplify Santek's response, I have copied LCSWDC's proposal into this letter and responded in red to each proposal point.

- Contract Extension: The current Contract between LCSWDC and Santek will be extended approximately 5 years and will terminate on 30 June 2032.
 SANTEK AGREES.
- Maximum Permitted Elevation: Santek will submit a Major Permit
 Modification to TDEC to reflect a lateral expansion of approximately 26.6
 acres (i.e., revised total footprint of 67.2 acres) and a maximum permitted
 elevation as shown in Santek drawings of 1,125 ft. msl. SANTEK AGREES.
- Maximum Constructed Elevation: Santek will develop a cell construction and grading plan similar to that prepared by Santek and shown in attached Santek drawing titled "REMAINING EXP THRU MOD 4 (1084)_CAD.pdf" that achieves a maximum constructed elevation of 1,093 ft. msl. SANTEK AGREES.
- Constructed Footprint: Santek will modify the proposed constructed footprint shown on the attached Santek drawing titled "MOD 4 VOL partial closure_Santek.pdf" to (approximately) the footprint shown in the attached Geosyntec drawing titled "Conceptual Closure Layout_Rev 1.pdf." It is projected to leave approximately 14.5 acres of permitted landfill footprint that will not be constructed. SANTEK AGREES, ALTHOUGH SANTEK WILL NOT LEAVE LCSWDC WITH TWO YEARS OF REMAINING CONSTRUCTED AIRSPACE, AS STATED IN THE EXISTING MANAGEMENT AGREEMENT.
- Closure Schedule: Santek will develop and present a phased closure schedule that includes a strategy and commitment to have Santek close at its cost approximately 10 to 11 acres every five years for a total of approximately 41.6 acres as shown on the previously referenced Geosyntec drawing titled "Conceptual Closure Layout_Rev 1.pdf." Following this strategy, at the end of the proposed Contract extension, LCSWDC will only be responsible for the cost to close approximately 11.1 acres. SANTEK AGREES IF THOSE AREAS OF THE LANDFILL HAVE REACHED FINAL ELEVATION.

- Post-closure of Phase I: Santek will maintain financial and compliance responsibility for providing post- closure care to the Phase I portion of the landfill (estimated to be completed in 2029). SANTEK AGREES.
- Host Fee: Santek will provide to LCSWDC a Host Fee of \$1.00 per ton each month that will be used and maintained by LCSWDC at its discretion for LCSWDC operations. The Host Fee will be increased annually to reflect the current CPI. SANTEK WILL AGREE TO \$1 PER TON OR 4% OF REVENUE WHICH EVER IS GREATER ONCE THE ORIGINAL CONTRACT TERM EXPIRES IN 2027, SANTEK DOES NOT AGREE TO A CPI.
- Security Fee for LCSWDC for C/PCC Liability: Santek will provide to LCSWD a Security Fee
 each month of \$1.81 per ton of waste to address the LCSWDC's closure and post-closure care
 (C/PCC) liabilities for the duration of the extended Contract through 2032. SANTEK
 PROPOSES A SECURITY FEE OF \$1.65 PER TON
- Annual Review and Security Fee Adjustment: LCSWD and Santek will agree to an analysis methodology captured in a spreadsheet that will be used to calculate and adjust on an annual basis, as needed, the Security Fee to accomplish the following objectives: 1.) LCSWDC will have sufficient funds to cover its liability for C/PCC costs by the end of the current contract in 2027 and 2.) LCSWDC will have \$1.8M remaining in its Security Fee account in 2032 after deduction of funds to cover its liability for C/PCC costs. SANTEK AGREES.
- * SANTEK AGREES the foregoing proposal is based upon the following underlying assumptions:
 - 1. 641 tons of waste per day for 270 days per year = 173,070 tons per year
 - 2. 1,314,169 tons of remaining airspace at end of 2016
 - 3. Closure Costs in 2016 at \$126,728 per acre
 - 4. Post-Closure Care Costs in 2016 at \$47,073 per acre

Santek appreciates the opportunity to respond to LCSWDC's proposal and looks forward to further discussions with commissioners.

Sincerely,

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Cheryl L. Dunson EVP of Marketing