AGENDA LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION March 13, 2018

6:30 p.m.

LOUDON COUNTY COURTHOUSE ANNEX Loudon, Tennessee

- 1. Opening of Meeting, Pledge of Allegiance, Invocation
- 2. Approval of Minutes February 13, 2018
- 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

	ORIGINAL	REVISED
PRINCIPAL	\$370,967	\$390,459
RATE OF INTEREST	2.92%	2.92%
MONTHS	240	235
MONTHLY PAYMENTS	\$2,043	\$2,152
TOTAL INTEREST		\$125,369
TOTAL PAYMENTS		\$515,828

PERIOD	BEGINNING PRINCIPAL BALANCE	PRINCIPAL REQUIREMENT (PER MONTH)	INTEREST REQUIREMENT (PER MONTH)	TOTAL DEBT SERVICE REQMN (PER MONTH)	ENDING PRINCIPAL BALANCE
03/01/02 TO 06/30/02	\$370,967	\$1,144	\$899	\$2, 043	\$366,391
07/01/02 TO 07/30/02	366,391	1,151	892	2,043	365,240
08/01/02 TO 06/30/03		1,230	921	2,152	371,199
07/01/03 TO 06/30/04 -	384,732	1,265	886	2,152	356,017
07/01/03 TO 06/30/04:# 07/01/04 TO 06/30/05	371,199 356,017	1,303	849	2,152	340,386
07/01/04 TO 06/30/05 07/01/05 TO 06/30/06	340,386	1,341	810	2,152	324,292
07/01/05 TO 06/30/05 07/01/06 TO 06/30/07	324,292	1,341	271	2,152	307,723
07/01/07 TO 06/30/08	307,723	1,422	730	2,152	290,662
07/01/07 TO 06/30/08 07/01/08 TO 06/30/09	<u>290,</u> 662	1,464	688_	2,152	273,097 —
07/01/09 TO 06/30/10	273,097	1,507	644	2,152	255,012
07/01/03 TO 06/30/10 07/01/10 TO 06/30/11	255,012 <u>.</u>	1,552	600	2,152	236,392
07/01/10 TO 06/30/11 07/01/11 TO 06/30/12	236,392	1,598	554	2,152	217,221
07/01/11 TO 06/30/12 07/01/12 TO 06/30/13	217,221	1,645	507	2,152	197,482
07/01/13 TO 06/30/14	197,482	1,694	458	2,152	177,159
07/01/13 TO 06/30/14 07/01/14 TO 06/30/15	177,159	1,744	408	2,152	156,235
07/01/14 TO 06/30/15 07/01/15 TO 06/30/16	156,235	1,795	356	2,152	134,692
07/01/16 TO 06/30/17	134,692	1,848	303	2,152	112,511
07/01/10 TO 06/30/17 07/01/17 TO 06/30/18	112,511	1,903	248	2,152	89,673
07/01/17 TO 06/30/18 07/01/18 TO 06/30/19	89,673	1,959	192	2,152	66,160
07/01/18 TO 06/30/19 07/01/19 TO 06/30/20	66,160	2,017	134	2,152	41,951
07/01/19 TO 06/30/20 07/01/20 TO 06/30/21	41,951	2,077	74	2,152	17,025
07/01/20 TO 00/30/21 07/01/21 TO 02/28/22	17,025	2,128	23	0	0
0//01/21 10 02/20/22	17,023	<i>2</i> ,1 <i>2</i> 0	<i></i>	V	V
		\$390,459	\$125,369		

Loudon County Department of Accounts and Budgets Solid Waste Disposal Fund 207 Monthly Cash Report February 2018

Februar	y 2016		
January 2018 Combined Ending Cash Balance per Monthly F	Report	3,565,275.18	
Adjustments:	0.00		
	0.00		
Total Adjustments		0.00	
Adjusted January 2018 Combined Ending Balan	oco nor Loudon Co Tr		2 565 275 10
Adjusted January 2016 Combined Ending Balan	ice per Loudon Co Tr	ustee =	3,565,275.18
Solid Waste Disposal Commission Operating Fund			
Operating Fund Ending Balance January 2018		3,366,552.09	
Cash Receipts:		3,300,332.03	
Trustee's Collections - Prior Year	0		
Surcharge - Host Fees (Jan 2018)	12,624.65		
Surcharge - Security Fees (Jan 2018)	15,858.64		
Investment Income	959.02		
Total Monthly Revenue		29,442.31	
Cash Disbursements:			
Board & Committee Members Fees	(350.00)		
Social Security	(3.10)		
Employer Medicare	(0.72)		
Audit Services (Mitchell Emert & Hill)	(7,975.00)		
Contracts with Private Agencies (Santek)	0.00		
Engineering Services (Santek)	0.00		
Contributions (Loudon Utilities - Quarterly)	0.00		
Legal Services (Kennerly Dec 2017 & Jan 2018)	(5,000.00)		
Legal Notices	(106.00)		
Other Contracted Services (Mowing)	0.00		
Building & Content Insurance	0.00		
In-Service/Staff Development	0.00		
Trustee's Commission	(126.25)		
Total Cash Disbursements		(13,561.07)	
Expenditure Credit:		0.00	
Trustee Commission Adjustment		0.00	
Operating Fund Ending Balance February 2018			3,382,433.33
Poplar Springs Subfund			
Poplar Springs Subfund Balance January 2018		198,723.09	
Cash Receipts:		,	
	0.00		
Total Monthly Revenue		0.00	
Cash Disbursements:			
Legal Services	0.00		
Total Cash Disbursements	0.00	0.00	
Total Cash Disbursements		0.00	
Poplar Springs Subfund Balance February 2018			198,723.09
TOTAL COMBINED OPERATING AND POPLAR SPRINGS FEB	RUARY 2018 BALANG	<u> </u>	3,581,156.42
			1000
Combined Summary - February 2018			
Beginning Balance			3,565,275.18
Plus Operating Revenue			29,442.31
Less Operating and Poplar Springs Disbursemen	nts		(13,561.07)
TOTAL COMBINED BALANCE - FEBRUARY 2018		_	3,581,156.42



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

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

Monthly Operations Report Matlock Bend Landfill March 13, 2018

<u>Presented by:</u> Santek Environmental, Inc.

I. OPERATIONS

- A. Tonnage Report
- B. Customer Report
- C. Inspection
- D. Materials Classification Report
- E. Waste Characterization Report
- F. Tire Report

II. AIRSPACE UTILIZATION SCHEDULE

III. HOST & SECURITY FEES

LANDFILL TONNAGE VOLUME MONTH ENDING FEBRUARY 2018

MATLOCK BEND LANDFILL

LOUDON COUNTY

LENOIR CITY

MONTH	2017	2018	2017 TO 2018	MONTH	2017	2018	2017 TO 2018
JANUARY	15,336.42	15,858,64	522.22	JANUARY	477.16	471.26	(5.90)
FEBRUARY	14,991.58	13,865.56	(1,126.02)	FEBRUARY	424.98	419.40	(5.58)
MARCH			0.00	MARCH			0.00
APRIL			0.00	APRIL			0.00
MAY			0.00	MAY			0.00
JUNE			0.00	JUNE			0.00
JULY			0.00	JULY			0.00
AUGUST			0.00	AUGUST			0.00
SEPTEMBER			0.00	SEPTEMBER			0.00
OCTOBER			0.00	OCTOBER			0.00
NOVEMBER			0.00	NOVEMBER			0.00
DECEMBER			0.00	DECEMBER			0.00
TOTAL	30,328.00	29,724.20	(603.80)	TOTAL	902.14	890.66	(11.48)

			2017
MONTH	2017	2018	TO 2018
JANUARY	320.21	311.92	(8.29)
FEBRUARY	280.52	294.51	13.99
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	600.73	606.43	5.70

DAILY AVG FOR ANY

RUNNING 30 DAY PERIOD 509.14

DAILY AVG FOR 22.5 DAY PERIOD

616.25

CITY OF LOUDON

WASTE SERVICES OF TN

TENNESSEE TRASH

			2017				2017
MONTH	2017	2018	TO 2018	MONTH	2017	2018	TO 2018
1							
JANUARY	374.21	363.15	(11.06)	JANUARY	2,573.63	2,437.61	(136.02)
FEBRUARY	316.79	344.19	27.40	FEBRUARY	2,358.39	2,331.36	(27.03)
MARCH			0.00	MARCH			0.00
APRIL			0,00	APRIL			0.00
MAY			0.00	MAY			0.00
JUNE			0.00	JUNE			0.00
JULY			0.00	JULY			0.00
AUGUST			0.00	AUGUST			0.00
SEPTEMBER			0.00	SEPTEMBER			0.00
OCTOBER			0.00	OCTOBER			0.00
NOVEMBER			0.00	NOVEMBER			0.00
DECEMBER			0.00	DECEMBER			0.00
TOTAL	691.00	707.34	16.34	TOTAL	4,932.02	4,768.97	(163.05)

MONTH	2017	2018	2017 TO 2018
JANUARY	3,735.96	3,854.46	118.50
FEBRUARY	3,572.92	3,518.63	(54.29)
MARCH			0.00
APRIL			0.00
MAY			0.00
JUNE			0.00
JULY			0.00
AUGUST			0.00
SEPTEMBE	R		0.00
OCTOBER			0.00
NOVEMBER	₹		0.00
DECEMBER			0.00
TOTAL	7,308.88	7,373.09	64.21

LANDFILL TONNAGE VOLUME MONTH ENDING -FEBRUARY 2018

KIMBERLY CLARK - PAPER WASTE

			2017
MONTH	2017	2018	TO 2018
JANUARY	4,389.45	5,057.39	667.94
FEBRUARY	4,197.85	3,563.87	(633.98)
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	8,587.30	8,621.26	33.96

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

CLASS I LANDFILL

SITE	Check Si	te for Enforcement		DATE 20180209	TIME 15:30	weather 58 deg F	
Loudor	Loudon County Landfill SNL530000203 21712 Highway			INCRECTOR			
		*SEE DISCLAIMER ON L	AST PA	GE			
	VIOLATION	REGULATION		OBSERVATION NVO AOC V1		COMMENTS	
YH.	BUFFER 2	ONE STANDARDS FOR	SITIN	IG LANDFILLS			
8310	BUFFER ZONE STANDARD VIOLATED	0400-11-01-,04(3)(a)					
u je		COLLECTED LEAC	HATE				
8330	LEACHATE IMPROPERLY MANAGED	0400-11-0104(4)(a)8(i-	-iii) ?				
8340	INADEQUATE LEACHATE COLLECTION SYSTEM	0400-11-0104(4)(a)7	?		The 2 g	ravity flow lines will have either ter or transducer installed.	
5		COMMUNICATIO	NS				
8130	NO COMMUNICATION DEVICES	0400-11-0104(2)(f)	?				
7		COVER MATERIA	AL.				
8160	UNAVAILABILITY OF COVER MATERIAL.	0400-11-0104(2)(h)	?				
H		DEAD ANIMALS	5				
8250	DEAD ANIMALS IMPROPERLY HANDLED	0400-11-01-,04(2)(k)5.(ii) (I-III					
1		DUST CONTROL					
8190	INADEQUATE DUST CONTROL	0400-11-0104(2)(j)	?	X			
	DU	TY TO PROVIDE INFOR	MATI	ON			
2522	UNSATISFACTORY RECORDS OR REPORTS	0400-11-0102(5)(a)7	?				
8530		TCA 68-211-862(a)					
3590	PERMITS, PLANS, OPERATING MANUAL NOT AVAILABLE	0400-11-0102(5)(a)(7)	?				
		FIRE SAFETY					
3080	EVIDENCE OF OPEN BURNING	0400-11-0104(2)(c)1	?				

		*SEE DISCLAIMER ON L	AST PA	GE .	
	VIOLATION	REGULATION		OBSERVATIO NVO AOC V1	COMMENTS
		FIRE SAFETY			
8090	INADEQUATE FIRE PROTECTION	0400-11-0104(2)(c)2	?		
7.12 7.12 7.12 7.13 7.13 7.13 7.13 7.13 7.13 7.13 7.13	GA:	S MIGRATION CONTROL	L STAN	IDARDS	
8380	INADEQUATE GAS MIGRATION CONTROL SYSTEM	0400-11-0104(5)(a)	?		One area believed to need vent, consider flare but some venting needed.
8390	INADEQUATE MAINTENANCE OF GAS MIGRATION CONTROL SYSTEM	0400-11-0104(5)(a)	?		
		GENERAL FACILITY STA	NDAR	DS	
8010	INADEQUATE VECTOR CONTROL	0400-11-01-,04(2)(a)1	?		
8020	ACCESS NOT LIMITED TO OPERATING HOU	RS 0400-11-0104(2)(a)4	?		
8030	INADEQUATE ARTIFICIAL OR NATURAL BARRIER	0400-11-0104(2)(b)1	?		
8040	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	?		
8060	CERTIFIED PERSONNEL NOT PRESENT DURING OPERATING HOURS	0400-11-0104(2)(b)5	?		
8070	UNAPPROVED SALVAGING OF WASTE	0400-11-0104(2)(b)6	?		
		LITTER CONTROL			
8110	UNSATISFACTORY LITTER CONTROL	0400-11-0104(2)(d)	?		
		OPERATING EQUIPME	:NT		
8140	INADEQUATE OPERATING EQUIPMENT		?		
3150	UNAVAILABILITY OF BACKUP EQUIPMENT	0400-11-01-,04(2)(g)	? >		

		*SEE DISCLAIMER ON LA	ST P.	AGE		
	VIOLATION	REGULATION		OBSERVATIO NVO AOC V1		COMMENTS
4.11	ov	ERALL PERFORMANCE	STA	NDARD		
8270	WASHOUT OF SOLID WASTE	0400-11-0104(2)(a)(3)	?			
8320	INADEQUATE MAINTENANCE OF LEACHATE MANAGEMENT SYSTEM (INSPECTOR TO CHECK AND RECORD LEACHATE LEVELS AT EVERY LANDFILL SUMP)	0400-11-0104(2)(a)(3) 0400-11-0104(4)(a)7				both sumps @ 15 inches with tank ~ 6 ft -
8350	LEACHATE OBSERVED AT THE SITE	0400-11-0104(2)(a)(3) 0400-11-0104(4)(a)6,	?			couple wet spots starting to appear after this week's freeze ended - apply plastic if stopes won' enable dirt. Plastic is fine for cover if spot is not generating a flow.
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	?			
8420	POTENTIAL FOR EXPLOSIONS OR UNCONTROLLED FIRES	0400-11-0104(2)(a)2 0400-11-0104(5)(a)	?			
8490	EXCESSIVE POOLING OF WATER	0400-11-0104 (2)(a)3 0400-11-0104(8)(c)4(iii)	?			
8520	DUMPING OF WASTE INTO WATER	0400-11-0104 (2)(a)3	?			
1		PERMANENT BENCHM	ARK		-	
8280	NO PERMANENT BENCHMARK	0400-11-0104(2)(o)	?			
		PERSONNEL SERVICE	ES			
8120	INADEQUATE EMPLOYEE FACILITIES	0400-11-0104(2)(e) ⁴	?			
	PROPER	OPERATION AND MAI	NTE	NANCE		
8540	GROUNDWATER MONITORING SYSTEM IMPROPERLY MAINTAINED	0400-11-0102(5)(a)4 1	?			
	RAN	DOM INSPECTION PRO	GRA	AM		
3290	INADEQUATE RANDOM INSPECTION PROGRAM	0400-11-0104(2)(s)				
	RECORDS OF C	RIGIN AND AMOUNT	OF S	OLID WASTE		

		*SEE DISCLAIMER ON LA	ST PAGE	
	VIOLATION	REGULATION	OBSERVATION NVO AOC V1 V2	COMMENTS
	RECORDS (OF ORIGIN AND AMOUN	NT OF SOLID WASTE	
8610	NO OPERATING SCALES AND/OR FAILURE T MAINTAIN WASTE RECORDS	TCA 68-211-862(a)(b) (1)(2)		
	RUN-O	N, RUN-OFF, AND EROS	SION CONTROL	
8170	INADEQUATE MAINTENANCE OF RUN- ON/RUN-OFF SYSTEM(S)	0400-11-0104(2)(i)1-5 0400-11-0104(8)(c)4(i)		
8180	INADEQUATE EROSION CONTROL	0400-11-0104(2)(i)6 0400-11-0104(8)(c)4(ii)	?	
	SPE	CIAL WASTE APPROVAL	PROCESS	
8300	MISHANDLING OF SPECIAL WASTE	0400-11-0101(4)(d)1		
	UN	LAWFUL METHODS OF I	DISPOSAL	
8570	OPERATION DOES NOT CORRESPOND WITH ENGINEERING PLANS (EVALUATE AND RECORD THE APPROXIMATE INTERIOR AND EXTERIOR SLOPE OF THE LANDFILL)	TCA 68-211-104(3) TCA 68-211-105(b)		
8580	OPERATION DOES NOT CORRESPOND WITH PERMIT CONDITIONS	TCA 68-211-104(3) 0400-11-01-,02(5)(a)(1)		
		VACANT		
8260	VACANT	vacant		
8550	VACANT	vacant		
8560	VACANT	vacant		
	Waste h	ANDLING AND COVER :	STANDARDS	
8430	WASTE NOT CONFINED TO A MANAGEABLE AREA	0400-11-0104(6)(a)1		
8440	IMPROPER SPREADING OF WASTE	0400-11-0104(6)(a)2 7		
3450	IMPROPER COMPACTING OF WASTE	0400-11-0104(6)(a)2 ?		

		*SEE DISCLAIMER ON LAS	ST PA	AGE	
	VIOLATION	REGULATION		OBSERVATION NVO AOC V1 V2	COMMENTS
	WASTE	HANDLING AND COVE	R ST	'ANDARDS	
0460	UNSATISFACTORY INITIAL COVER	0400-11-0104(6)(a)3	?		
8460		0400-11-0104(6)(a)5			
	UNSATISFACTORY INTERMEDIATE COVER	0400-11-0104(6)(a)4	?		
8470		0400-11-01-,04(6)(a)5			
	UNSATISFACTORY FINAL COVER	0400-11-0104(6)(a)6	?		
8480		0400-11-0104(8)(c)4	•		
		, , , ,			
	UNSATISFACTORY STABILIZATION OF COVER	0400-11-0104(6)(a)5,6	?		
8510					
	1	WASTE RESTRICTION	NS		
0240	UNAUTHORIZED WASTE ACCEPTED	0400-11-0104(2)(k)1	?		
8210		0400-11-0104(2)(k)6		$X \square \square \square$	
8220	UNAPPROVED SPECIAL WASTE ACCEPTED	0400-11-0101(4)(b)	?		
8220		0400-11-0101(4)(c)5		$X \square \square$	
			Î		
8230	TIRES IMPROPERLY HANDLED	0400-11-0104(2)(k)3.(i)	?		
0 2 30				\times	
8240	MEDICAL WASTE IMPROPERLY HANDLED	0400-11-0104(2)(k)4.(i-iv)*	?		
0 24U				\times	
					j

Sump and Tank Level Readings

low readings observed today from risers and tank has plenty of available volume. Risers only at 15 inches. Gravity flow 2 lines (cell A & B) are planned for flow meter (A) and transducer (clean out near B) will be placed and data presented.

Additional Comments

Site looks good for winter weather. Grass coming out - ditches worked good, rough rain events expected this weekend. Check all ditches next week. New cell construction expected soon. Call for base graded - must be done in the process prior to starting any engineered liner.

^{*}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.

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

CLASS I LANDFILL

SITE	Check Si	te for Enforcement		DATE 20180309	11:00	weather 50 deg F cloudy
Loudon	County Landfill SNL5300002	INSPECTOR P. Plont		EFO KNOX		
		*SEE DISCLAIMER ON LA	ST PA	GE		
	VIOLATION	REGULATION		OBSERVATIO NVO AOC V1		COMMENTS
4.#	BUFFER 2	ONE STANDARDS FOR	SITIN	IG LANDFILLS		
8310	BUFFER ZONE STANDARD VIOLATED	0400-11-0104(3)(a)				100
* **		COLLECTED LEACH	IATE			
8330	LEACHATE IMPROPERLY MANAGED	0400-11-0104(4)(a)8(i-ii	ii) ?			
8340	INADEQUATE LEACHATE COLLECTION SYSTEM	0400-11-0104(4)(a)7	?			
5		COMMUNICATION	NS			
	NO COMMUNICATION DEVICES	0400-11-0104(2)(f)	?			
8130						
7.		COVER MATERIA	L			
8160	UNAVAILABILITY OF COVER MATERIAL.	0400-11-0104(2)(h)	?			
1		DEAD ANIMALS				
8250	DEAD ANIMALS IMPROPERLY HANDLED	0400-11-0104(2)(k)5.(ii) (I-III	-			
		DUST CONTROL				
8190	INADEQUATE DUST CONTROL	0400-11-01-,04(2)(j)	?			
	DU	TY TO PROVIDE INFORM	MATI	ON		
- Cale	UNSATISFACTORY RECORDS OR REPORTS		?			,,
3530		TCA 68-211-862(a)			groundwater (fi	om inspection logs, gas quarterly, ast), special waste 1 random approval for orms, & reviewed % sludge daily assessment -
3590	PERMITS, PLANS, OPERATING MANUAL NOT AVAILABLE	0400-11-0102(5)(a)(7)	?			
		FIRE SAFETY				
080	EVIDENCE OF OPEN BURNING	0400-11-0104(2)(c)1	?			

	*SEE DISCLAIMER ON LAST PAGE							
	VIOLATION	REGULATION		OBSERVATION NVO AOC V1 V2	COMMENTS			
		FIRE SAFETY						
8090	INADEQUATE FIRE PROTECTION	0400-11-0104(2)(c)2	?					
English Control of the Control of th	GASI	MIGRATION CONTRO	L STA	NDARDS				
8380	INADEQUATE GAS MIGRATION CONTROL SYSTEM	0400-11-0104(5)(a)	?					
8390	INADEQUATE MAINTENANCE OF GAS MIGRATION CONTROL SYSTEM	0400-11-0104(5)(a)	?					
	G	L ENERAL FACILITY STA	NDA	RDS .				
	INADEQUATE VECTOR CONTROL	0400-11-01-,04(2)(a)1	?					
8010								
8020	ACCESS NOT LIMITED TO OPERATING HOURS	0400-11-0104(2)(a)4	?					
8030	INADEQUATE ARTIFICIAL OR NATURAL BARRIER	0400-11-0104(2)(b)1	?					
8040	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	?					
8060	CERTIFIED PERSONNEL NOT PRESENT DURING OPERATING HOURS	0400-11-0104(2)(b)5	?					
8070 ⁻	UNAPPROVED SALVAGING OF WASTE	0400-11-0104(2)(b)6	?					
	,	LITTER CONTROL						
8110	UNSATISFACTORY LITTER CONTROL	0400-11-0104(2)(d)	?					
		OPERATING EQUIPM	ENT					
8140	INADEQUATE OPERATING EQUIPMENT	0400-11-0104(2)(g)	?					
8150	UNAVAILABILITY OF BACKUP EQUIPMENT)400-11-0104(2)(g)	?					

		*SEE DISCLAIMER ON LA	AST P	AGE	
	VIOLATION	REGULATION		OBSERVATION NVO AOC V1 V2	COMMENTS
4#	ov	ERALL PERFORMANCE	STA	NDARD	
8270	WASHOUT OF SOLID WASTE	0400-11-0104(2)(a)(3)	?		
8320	INADEQUATE MAINTENANCE OF LEACHATE MANAGEMENT SYSTEM (INSPECTOR TO CHECK AND RECORD LEACHATE LEVELS AT EVERY LANDFILL SUMP)	0400-11-0104(2)(a)(3) 0400-11-0104(4)(a)7			Both risers <20 inches, tank was at 8-9 ft
8350	LEACHATE OBSERVED AT THE SITE	0400-11-0104(2)(a)(3) 0400-11-0104(4)(a)6,	?		
8360	LEACHATE ENTERING RUN-OFF	0400-11-01-,04(2)(a)(3) 0400-11-01-,04(4)(a)6	?		
8370	LEACHATE ENTERING A WATER COURSE	0400-11-0104(2)(a)(3) 0400-11-0104(4)(a)6	?		
8420	POTENTIAL FOR EXPLOSIONS OR UNCONTROLLED FIRES	0400-11-01-,04(2)(a)2 0400-11-01-,04(5)(a)	?		
8490	EXCESSIVE POOLING OF WATER	0400-11-0104 (2)(a)3 0400-11-0104(8)(c)4(iii)	?		
8520	DUMPING OF WASTE INTO WATER	0400-11-0104 (2)(a)3	?		
	•	PERMANENT BENCHM	IARK		
8280	NO PERMANENT BENCHMARK	0400-11-0104(2)(0)	?		
		PERSONNEL SERVIC	ES		
3120	INADEQUATE EMPLOYEE FACILITIES	0400-11-0104(2)(e)	?		
	PROPER	OPERATION AND MA	INTE	NANCE	
3540	GROUNDWATER MONITORING SYSTEM IMPROPERLY MAINTAINED	0400-11-0102(5)(a)4	?		
	RAN	DOM INSPECTION PRO	OGR.	AM	
290	INADEQUATE RANDOM INSPECTION PROGRAM	0400-11-01-,04(2)(s)	?		
	RECORDS OF C	RIGIN AND AMOUNT	OF S	OLID WASTE	

		*SEE DISCLAIMER ON LAS	ST PAGE	
	VIOLATION	REGULATION	OBSERVATION NVO AOC V1 V2	COMMENTS
101	RECORDS O	F ORIGIN AND AMOUN	IT OF SOLID WASTE	
8610	NO OPERATING SCALES AND/OR FAILURE TO MAINTAIN WASTE RECORDS	TCA 68-211-862(a)(b) (1)(2)	?	
8	RUN-O	N, RUN-OFF, AND EROS	ION CONTROL	
	INADEQUATE MAINTENANCE OF RUN-	0400-11-0104(2)(i)1-5	?	
8170	ON/RUN-OFF SYSTEM(S)	0400-11-0104(8)(c)4(i)		
	INADEQUATE EROSION CONTROL	0400-11-0104(2)(i)6	?	
8180		0400-11-0104(8)(c)4(ii)		
	SPE	CIAL WASTE APPROVAL	PROCESS	
8300	MISHANDLING OF SPECIAL WASTE	0400-11-0101(4)(d)1		
(E. 26)	LIN	_l Lawful methods of D	DISPOSAL	
	OPERATION DOES NOT CORRESPOND WITH		7	,
8570	ENGINEERING PLANS (EVALUATE AND RECORD THE APPROXIMATE INTERIOR AND EXTERIOR SLOPE OF THE LANDFILL)	TCA 68-211-105(b)		
8580	OPERATION DOES NOT CORRESPOND WITH PERMIT CONDITIONS	TCA 68-211-104(3) 0400-11-0102(5)(a)(1)		
	I .	VACANT		
8260	VACANT	vacant		
8550	VACANT	vacant		
8560	VACANT	vacant		
	WASTE H	ANDLING AND COVER S	STANDARDS	
8430	WASTE NOT CONFINED TO A MANAGEABLE AREA	0400-11-0104(6)(a)1 7		
8440	IMPROPER 5PREADING OF WASTE	0400-11-0104(6)(a)2 ?		
8450	IMPROPER COMPACTING OF WASTE	0400-11-0104(6)(a)2 ?		

	VIOLATION	REGULATION	OBSERVATION NVO AOC V1 V2	COMMENTS
	WASTE	HANDLING AND COVER		
8460	UNSATISFACTORY INITIAL COVER	0400-11-0104(6)(a)3 0400-11-0104(6)(a)5	?	
8470	UNSATISFACTORY INTERMEDIATE COVER	0400-11-01-,04(6)(a)4 0400-11-01-,04(6)(a)5	?	
8480	UNSATISFACTORY FINAL COVER	0400-11-0104(6)(a)6 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 0400-11-0104(2)(k)6		
8220	UNAPPROVED SPECIAL WASTE ACCEPTED	0400-11-0101(4)(b) 0400-11-0101(4)(c)5		
8230	TIRES IMPROPERLY HANDLED	0400-11-01-,04(2)(k)3.(i)		
8240	MEDICAL WASTE IMPROPERLY HANDLED	0400-11-0104(2)(k)4.(i-iv) ?		

Sump and Tank Level Readings

Both sumps H & J at < 2 ft, Tank < 8 ft with over 10 ft available. Instruments (flow meter & transducer) expected arrival on site at April 16th now slightly latter than originally related but acceptable. Report first flush of data by May1st. After locations & instruments are considered to be desired points with valued data, a minor mod will be needed to be submitted.

Additional Comments

Previous wet spot was observed to be open and ready for vent already configured - Gas vent back side of B/H. 2 other wet spots also dug prior to inspector arriving with machine located next those two were to be fixed by COB Friday. New grass emerging and storm water diversion berms and drop pipes all set and as desired. Cell IB just begun with access road and ditching the current push. Call for in cell base grade (liner footprint) prior to starting the clay work.

^{*}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 af Tennessee ar its employees.

Materials Classification Report

Matlock Bend Landfill Monthly Tonnage Summary February 2018

Material	Tonnage	2015 Slu	ıdge %	2016 Sludge %		
MSW		January	2%	January	4%	
		February	3%	February	3%	
MSW	9,544	March	3%	March	4%	
		April	1%	April	3%	
Special Waste		May	2%	May	4%	
		June	1%	June	2%	
Other	3,709	July	5%	July	2%	
		August	2%	August	3%	
Ash	0	September	2%	September	2%	
		October	2%	October	3%	
Sludge	612	November	3%	November	3%	
	-	December	5%	December	3%	
Total Special Waste	4,321					
		2017 Sluc	dge %	2018 Siu	dge %	
Total MSW & SW	13,866					
		January	5%	January	4%	
		February	8%	February	4%	
Tires	35	March	8%	March	0%	
		April	7%	April	0%	
Total Material	13,900	May	4%	May	0%	
		June	2%	June	0%	
		July	3%	July	0%	
% MSW	69%	August	4%	August	0%	
		September	7%	September	0%	
% Special Waste	31%	October	8%	October	0%	
		November	6%	November	0%	
% Sludge	4%	December	5%	December	0%	

2018 Loudon MSW and Special Waste Analysis

Material	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
MSW	9,932	9,544	0	0	0	0	0	0	0	0	0	0	19,476
Special Waste	5,926	4,321	0	0	0	0	0	0	0	0	0	0	10,247
Tires	27	35	0	. 0	0	0	0	0	0	0	0	0	62
Total	15,885	13,900	0	0	0	0	0	0	0	0	0	0	29,785
%													
MSW	63%	69%	#DIV/0!	65%									
Special Waste	37%	31%	#DIV/0!	34%									
Total	100%	100%	#DIV/0!	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	19.74
Feb-18	26.26
Mar-18	
Apr-18	
May-18	
Jun-18	
Total (tons)	307.58

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

		MONTHLY TONNAGE		UTILIZATION FACTOR		
	<u> </u>	15,058		1.44		
DATE	REMAINING AIRSPACE ¹ (CY)	TONNAGE	ACTUAL I PROJECTED ²	UTILIZATION FACTOR (CY/TON) ³	MONTHLY VOLUME CONSUMED (CY)	ENDING MONTHLY REMAINING AIRSPACE (CY)
Sept. 7, 2017	260,032	-	-		-	-
Sept. 8 - 30, 2017	-	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	Α	1.44	22,415	169,983
January '18	-	15,885	Α	1.44	22,874	147,109
February	-	13,724	Α	1.44	19,763	127,346
March	-	15,058	Р	1.44	21,684	105,662
April	-	15,058	Р	1.44	21,684	83,978
May		15,058	Р	1.44	21,684	62,294
June	-	15,058	Р	1.44	21,684	40,610
July		15,058	Р	1.44	21,684	18,926
August	_	15,058	Р	1.44	21,684	0
September		15,058	Р	1.44	21,684	0
October	-	15,058	Р	1.44	21,684	0
November	1	15,058	Р	1.44	21,684	0
December		15,058	Р	1.44	21,684	0

August-2018

Tonnage for Past 3 Months

December	15,566
January	15,885
February	13,724
Average	15,058

cc: Tim Matt Cheryl Ron

Raymond Jason

Mark

 ^{1 =} Remaining airspace based on September 7, 2017 aerial survey.
 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)



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

Phone: (423) 303-7101 Toll Free: (800) 467-9160 www.santekenviro.com March 8, 2018

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 February 1, 2018 to February 28, 2018:

Host Fees (Greater of below) – Total Tip Fees Billed Host Fee Percentage	\$281,553.22 4.00% \$ 11,262.13
Minimum Fee	\$ 10,652.00
Security Fees (Greater of below) – Total Tonnage Received Rate per ton Total	13,865.56 \$ 1.00 \$ 13,865.56
Total Tip Fees Billed Security Fee Percentage	\$281,553.22 5.00% \$ 14,077.67

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 C. Mathys Corporate Controller