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**Monthly Operations Report
Matlock Bend Landfill
December 14, 2021**

**Presented by:
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**

AGENDA
LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION
December 14th, 2021
6:00 p.m.
LOUDON CITY MUNICIPAL BUILDING
Loudon, Tennessee

1. Opening of Meeting, Pledge of Allegiance, Invocation
2. Approval of Minutes
3. Approval of December Agenda
4. Items of Public Concern-A 10-minute guideline is requested for items of public concern.
5. Attorney's Report:
6. Cash Activity Report
7. Operations Report (customer activity report will be available upon request)
8. Chairman's Report:
 1. Invoices
9. Old Business:
10. New Business:

Adjourn

LANDFILL TONNAGE VOLUME

MONTH ENDING -

November 2021

MATLOCK BEND LANDFILL

MONTH	2020	2021	2020 TO 2021
JANUARY	15,673.95	8,840.41	(6,833.54)
FEBRUARY	14,263.17	8,969.07	(5,294.10)
MARCH	16,251.35	11,681.92	(4,569.43)
APRIL	9,791.81	11,278.36	1,486.55
MAY	10,315.74	11,373.25	1,057.51
JUNE	10,928.67	11,547.60	618.93
JULY	10,444.52	11,145.42	700.90
AUGUST	9,920.07	11,178.47	1,258.40
SEPTEMBER	9,975.37	12,100.20	2,124.83
OCTOBER	10,542.61	11,495.99	953.38
NOVEMBER	10,066.48	12,022.94	1,956.46
DECEMBER			0.00
TOTAL	128,173.74	121,633.63	(6,540.11)
% of TOTAL VOLUME		100%	

**DAILY AVG FOR ANY
RUNNING 30 DAY PERIOD** **400.76**

CITY OF LOUDON

MONTH	2020	2021	2020 TO 2021
JANUARY	457.31	409.09	(48.22)
FEBRUARY	391.61	385.74	(5.87)
MARCH	486.81	527.85	41.04
APRIL	492.81	510.31	17.50
MAY	488.38	476.11	(12.27)
JUNE	494.58	503.39	8.81
JULY	498.94	522.94	24.00
AUGUST	512.68	510.57	(2.11)
SEPTEMBER	465.23	498.25	33.02
OCTOBER	494.66	507.92	13.26
NOVEMBER	444.03	489.91	45.88
DECEMBER			0.00
TOTAL	5,227.04	5,342.08	115.04
% of TOTAL VOLUME		4.4%	

LOUDON COUNTY

MONTH	2020	2021	2020 TO 2021
JANUARY	514.88	522.80	7.92
FEBRUARY	455.37	470.64	15.27
MARCH	598.09	559.14	(38.95)
APRIL	635.96	522.20	(113.76)
MAY	586.33	591.94	5.61
JUNE	595.84	552.78	(43.06)
JULY	578.33	591.98	13.65
AUGUST	598.49	544.07	(54.42)
SEPTEMBER	540.36	503.41	(36.95)
OCTOBER	545.82	530.10	(15.72)
NOVEMBER	520.90	507.06	(13.84)
DECEMBER			0.00
TOTAL	6,170.37	5,896.12	(274.25)
% of TOTAL VOLUME		4.8%	

**DAILY AVG FOR 22.5
DAY PERIOD** **534.35**

WASTE SERVICES OF TN

MONTH	2020	2021	2020 TO 2021
JANUARY	3,339.43	2,902.11	(437.32)
FEBRUARY	2,998.43	2,736.69	(261.74)
MARCH	3,467.07	3,535.60	68.53
APRIL	3,382.68	3,551.64	168.96
MAY	3,550.36	3,471.38	(78.98)
JUNE	3,527.18	3,595.06	67.88
JULY	3,667.57	3,608.65	(58.92)
AUGUST	3,096.54	3,415.63	319.09
SEPTEMBER	3,110.64	3,325.03	214.39
OCTOBER	3,231.06	2,964.00	(267.06)
NOVEMBER	3,083.53	2,953.49	(130.04)
DECEMBER			0.00
TOTAL	36,454.49	36,059.28	(395.21)
% of TOTAL VOLUME		29.6%	

LENOIR CITY

MONTH	2020	2021	2020 TO 2021
JANUARY	375.20	452.91	77.71
FEBRUARY	339.26	359.23	19.97
MARCH	472.11	479.10	6.99
APRIL	564.05	467.77	(96.28)
MAY	452.37	421.37	(31.00)
JUNE	471.63	496.86	25.23
JULY	513.08	500.08	(13.00)
AUGUST	427.70	554.03	126.33
SEPTEMBER	478.03	581.15	103.12
OCTOBER	526.37	516.06	(10.31)
NOVEMBER	440.74	515.22	74.48
DECEMBER			0.00
TOTAL	5,060.54	5,343.78	283.24
% of TOTAL VOLUME		4.4%	

WASTE MANAGEMENT KNOXVILLE

MONTH	2020	2021	2020 TO 2021
TN Trash 2020 Jan-May			
JANUARY	1,045.82	2,050.17	1,004.35
FEBRUARY	1,608.55	2,003.86	395.31
MARCH	2,424.09	2,367.36	(56.73)
APRIL	1,675.72	2,118.86	443.14
MAY	2,373.62	2,486.21	112.59
JUNE	2,549.31	2,840.18	290.87
JULY	2,527.15	2,228.29	(298.86)
AUGUST	2,529.43	2,648.98	119.55
SEPTEMBER	2,433.84	2,706.70	272.86
OCTOBER	2,657.66	2,562.01	(95.65)
NOVEMBER	2,575.16	2,715.42	140.26
DECEMBER			0.00
TOTAL	24,400.35	26,728.04	2,327.69
% of TOTAL VOLUME		22.0%	

LANDFILL TONNAGE VOLUME
MONTH ENDING -
November 2021

All Others

MONTH	2020	2021	2020 TO 2021
JANUARY	9,941.31	2,503.33	(7,437.98)
FEBRUARY	8,469.95	3,012.91	(5,457.04)
MARCH	8,803.18	4,212.87	(4,590.31)
APRIL	3,040.59	4,107.58	1,066.99
MAY	2,864.68	3,926.24	1,061.56
JUNE	3,290.13	3,559.33	269.20
JULY	2,695.79	3,693.48	997.69
AUGUST	2,755.23	3,505.19	749.96
SEPTEMBER	2,947.27	4,485.66	1,538.39
OCTOBER	3,087.04	4,415.90	1,328.86
NOVEMBER	3,002.12	4,841.84	1,839.72
DECEMBER			0.00
TOTAL	50,897.29	42,264.33	(8,632.96)
% of TOTAL VOLUME		34.7%	

Summary Material Activity Report

November 01, 2021 to November 30, 2021

All Materials

All Facilities

All Ticket Types
History and Waiting
* - Confirmed Qty Applied to Billing

Material	Weight		Volume		Count		Billing Qty	Material Total	Tax Total	Total	Item Count	Ticket Count
	Inbound	Outbound	Inbound	Outbound	Inbound	Outbound						
SW - REQUEST SW APPROVAL	7.62	0.00 TN	0.00	0.00 YD	0.00	0.00	7.62 TN	\$304.57	\$6.86	\$311.43	4	
MSW	7,399.30	0.00 TN	0.00	0.00 YD	0.00	0.00	7,399.30 TN	\$175,663.52	\$9,201.46	\$184,864.98	1634	
C&D	2,675.56	0.00 TN	30.00	0.00 YD	0.00	0.00	2,675.56 TN	\$77,793.55	\$3,345.38	\$81,138.93	1159	
C&D	119.89	0.00 TN	510.00	0.00 YD	0.00	0.00	510.00 YD	\$2,606.10	\$149.85	\$2,755.95	19	
C&D-SHINGLES	37.09	0.00 TN	0.00	0.00 YD	0.00	0.00	37.09 TN	\$1,056.34	\$46.38	\$1,102.72	10	
FEE-TARP	0.00	0.00 TN	0.00	0.00 YD	6.00	0.00	6.00 EA	\$120.00	\$0.00	\$120.00	6	
YARD WASTE/COMPOST	123.65	0.00 TN	0.00	0.00 YD	0.00	0.00	123.65 TN	\$3,181.04	\$154.60	\$3,335.64	80	
TIRE	28.82	0.00 TN	0.00	0.00 YD	1,718.00	0.00	1,718.00 EA	\$2,147.50	\$0.00	\$2,147.50	18	
TIRE	0.00	13.40 TN	0.00	0.00 YD	0.00	0.00	13.40 TN	\$0.00	\$0.00	\$0.00	1	
MATTRESS\BOX SPRING	0.00	0.00 TN	0.00	0.00 YD	24.00	0.00	24.00 EA	\$480.00	\$0.00	\$480.00	14	
ANIMAL	11.00	0.00 TN	133.00	0.00 YD	0.00	0.00	11.00 TN	\$313.28	\$13.77	\$327.05	10	
SW SEPTIC	15.12	0.00 TN	0.00	0.00 YD	0.00	0.00	15.12 TN	\$291.51	\$18.90	\$310.41	4	
SW-ASBESTOS-FRIABLE	1.84	0.00 TN	0.00	0.00 YD	0.00	0.00	1.84 TN	\$52.40	\$2.30	\$54.70	1	
SW-CONT SOIL	148.93	0.00 TN	0.00	0.00 YD	0.00	0.00	148.93 TN	\$4,281.74	\$186.16	\$4,467.90	7	
SW-OFF SPEC MATERIAL	1,044.46	0.00 TN	0.00	0.00 YD	0.00	0.00	1,044.46 TN	\$35,239.37	\$1,305.81	\$36,545.18	324	
SW-SLUDGE	409.66	0.00 TN	0.00	0.00 YD	0.00	0.00	409.66 TN	\$8,511.67	\$512.08	\$9,023.75	29	
	12,022.94	13.40 TN	673.00	0.00 YD	1,748.00	0.00	1,748.00 EA 11,887.63 TN 510.00 YD	\$312,042.59	\$14,943.55	\$326,986.14	3320	3297

**TENNESSEE DIVISION OF SOLID WASTE MANAGEMENT
CLASS I FACILITY INSPECTION DOCUMENT**

Initial Inspection

**CLASS I
FACILITY**

SITE	DATE	TIME	WEATHER
Loudon County Landfill SNL530000203 21712 Highway 72 North Loudon	12/1/2021	09:38	43 F sunny
			EFO KNOX

*SEE DISCLAIMER ON LAST PAGE

VIOLATION	REGULATION	OBSERVATION			
		NVO	AOC	V1	V2

BUFFER ZONE STANDARDS FOR SITING LANDFILLS

8310	BUFFER ZONE STANDARD VIOLATED	0400-11-01-.04(3)(a)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS							

COLLECTED LEACHATE

8330	LEACHATE IMPROPERLY MANAGED	0400-11-01-.04(4)(a)8(i-iii)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS							

8340	INADEQUATE LEACHATE COLLECTION SYSTEM	0400-11-01-.04(4)(a)7	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS							

COMMUNICATIONS

8130	NO COMMUNICATION DEVICES	0400-11-01-.04(2)(f)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS							

COVER MATERIAL

8160	UNAVAILABILITY OF COVER MATERIAL.	0400-11-01-.04(2)(h)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS							

DEAD ANIMALS

8250	DEAD ANIMALS IMPROPERLY HANDLED	0400-11-01-.04(2)(k)5.(ii) (I-III)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS							

DUST CONTROL

8190	INADEQUATE DUST CONTROL	0400-11-01-.04(2)(j)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS							

DUTY TO PROVIDE INFORMATION

*SEE DISCLAIMER ON LAST PAGE

VIOLATION		REGULATION	OBSERVATION			
			NVO	AOC	V1	V2
DUTY TO PROVIDE INFORMATION						
8530	UNSATISFACTORY RECORDS OR REPORTS	SEE CITATION LIST LAST PAGE	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS	All records were readily available in the office for me to review.					
8590	PERMITS, PLANS, OPERATING MANUAL NOT AVAILABLE	0400-11-01-.02(5)(a)(7)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
FIRE SAFETY						
8080	EVIDENCE OF OPEN BURNING	0400-11-01-.04(2)(c)1	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8090	INADEQUATE FIRE PROTECTION	0400-11-01-.04(2)(c)2	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
GAS MIGRATION CONTROL STANDARDS						
8380	INADEQUATE GAS MIGRATION CONTROL SYSTEM	0400-11-01-.04(5)(a)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8390	INADEQUATE MAINTENANCE OF GAS MIGRATION CONTROL SYSTEM	0400-11-01-.04(5)(a)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
GENERAL FACILITY STANDARDS						
8010	INADEQUATE VECTOR CONTROL	0400-11-01-.04(2)(a)1	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8020	ACCESS NOT LIMITED TO OPERATING HOURS	0400-11-01-.04(2)(a)4	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8030	INADEQUATE ARTIFICIAL OR NATURAL BARRIER	0400-11-01-.04(2)(b)1	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						

*SEE DISCLAIMER ON LAST PAGE

VIOLATION		REGULATION	OBSERVATION			
			NVO	AOC	V1	V2
GENERAL FACILITY STANDARDS						
8040	INADEQUATE INFORMATION SIGNS	0400-11-01-.04(2)(b)2 TCA 68-211-703(h)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS	New signs at gate and scales communicating tarp requirement.					
8050	UNSATISFACTORY ACCESS ROAD(S)/PARKING AREA(S)	0400-11-01-.04(2)(b)3	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS	Roads were in good condition - dry, very firm, not dusty.					
8060	CERTIFIED PERSONNEL NOT PRESENT DURING OPERATING HOURS	0400-11-01-.04(2)(b)5	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8070	UNAPPROVED SALVAGING OF WASTE	0400-11-01-.04(2)(b)6	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
LITTER CONTROL						
8110	UNSATISFACTORY LITTER CONTROL	0400-11-01-.04(2)(d)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS	Litter was being picked up along the top of the landfill during my inspection. Litter in general looked fairly well managed.					
OPERATING EQUIPMENT						
8140	INADEQUATE OPERATING EQUIPMENT	0400-11-01-.04(2)(g)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8150	UNAVAILABILITY OF BACKUP EQUIPMENT	0400-11-01-.04(2)(g)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
OVERALL PERFORMANCE STANDARD						
8270	EXPOSED SOLID WASTE	0400-11-01-.04(2)(a)(3)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8320	INADEQUATE MAINTENANCE OF LEACHATE MANAGEMENT SYSTEM (INSPECTOR TO CHECK AND RECORD LEACHATE LEVELS AT EVERY LANDFILL SUMP)	0400-11-01-.04(2)(a)(3) 0400-11-01-.04(4)(a)7		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS	(see leachate comments section p. 7)					

*SEE DISCLAIMER ON LAST PAGE

VIOLATION		REGULATION	OBSERVATION			
			NVO	AOC	V1	V2
OVERALL PERFORMANCE STANDARD						
8350	LEACHATE OBSERVED AT THE SITE	0400-11-01-.04(2)(a)(3) 0400-11-01-.04(4)(a)6,	?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
COMMENTS	Leachate seep on north-facing slope. It had already been identified and contained before I arrived. I was notified of it before I saw it. The correction for it was in-progress at the time of my inspection. Jeff and I discussed how I wanted to be informed of leachate seeps (phone, email, on-site log) and I told him that I did not have a preference - up to him.					
8360	LEACHATE ENTERING RUN-OFF	0400-11-01-.04(2)(a)(3) 0400-11-01-.04(4)(a)6	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8370	LEACHATE ENTERING A WATER COURSE	0400-11-01-.04(2)(a)(3) 0400-11-01-.04(4)(a)6	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8420	POTENTIAL FOR EXPLOSIONS OR UNCONTROLLED FIRES	0400-11-01-.04(2)(a)2 0400-11-01-.04(5)(a)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8490	EXCESSIVE POOLING OF WATER	(CLOSURE/POST)0400-11-01-.04(2)(a)3 0400-11-01-.04(8)(c)4(iii) (ACTIVE) 0400-11-01-04(9)(b)1(ix)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS	Due to very little rain for the last two weeks, things were very dry, including the pond.					
8520	DUMPING OF WASTE INTO WATER	0400-11-01-.04 (2)(a)3	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
PERMANENT BENCHMARK						
8280	NO PERMANENT BENCHMARK	0400-11-01-.04(2)(o)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS	Multiple clearly-marked benchmarks.					
PERSONNEL SERVICES						
8120	INADEQUATE EMPLOYEE FACILITIES	0400-11-01-.04(2)(e)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
PROPER OPERATION AND MAINTENANCE						
8540	GROUNDWATER MONITORING SYSTEM IMPROPERLY MAINTAINED	0400-11-01-.02(5)(a)4	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						

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VIOLATION		REGULATION	OBSERVATION			
			NVO	AOC	V1	V2
RANDOM INSPECTION PROGRAM						
8290	INADEQUATE RANDOM INSPECTION PROGRAM	0400-11-01-.04(2)(s)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
RECORDS OF ORIGIN AND AMOUNT OF SOLID WASTE						
8610	NO OPERATING SCALES AND/OR FAILURE TO MAINTAIN WASTE RECORDS	TCA 68-211-862(a)(b)(1)(2)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
RUN-ON, RUN-OFF, AND EROSION CONTROL						
8170	INADEQUATE MAINTENANCE OF RUN-ON/ RUN-OFF SYSTEM(S)	0400-11-01-.04(2)(i)1-5 0400-11-01-.04(8)(c)4(i)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8180	INADEQUATE EROSION CONTROL	0400-11-01-.04(2)(i)6 0400-11-01-.04(8)(c)4(ii)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
SPECIAL WASTE APPROVAL PROCESS						
8300	MISHANDLING OF SPECIAL WASTE	0400-11-01-.01(4)(d)1	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
UNLAWFUL METHODS OF DISPOSAL						
8570	OPERATION DOES NOT CORRESPOND WITH ENGINEERING PLANS (EVALUATE AND RECORD THE APPROXIMATE INTERIOR AND EXTERIOR SLOPE OF THE LANDFILL)	TCA68-211-104(3) TCA 68-211-105(b)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8580	OPERATION DOES NOT CORRESPOND WITH PERMIT CONDITIONS	TCA 68-211-104(3) 0400-11-01-.02(5)(a)(1)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
WASTE HANDLING AND COVER STANDARDS						
8430	WASTE NOT CONFINED TO A MANAGEABLE AREA	0400-11-01-.04(6)(a)1	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						

*SEE DISCLAIMER ON LAST PAGE

VIOLATION		REGULATION	OBSERVATION			
			NVO	AOC	V1	V2
WASTE HANDLING AND COVER STANDARDS						
8440	IMPROPER SPREADING OF WASTE	0400-11-01-.04(6)(a)2	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8450	IMPROPER COMPACTING OF WASTE	0400-11-01-.04(6)(a)2	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8460	UNSATISFACTORY INITIAL COVER	0400-11-01-.04(6)(a)3 0400-11-01-.04(6)(a)5	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8470	UNSATISFACTORY INTERMEDIATE COVER	0400-11-01-.04(6)(a)4 0400-11-01-.04(6)(a)5	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8480	UNSATISFACTORY FINAL COVER	0400-11-01-.04(6)(a)6 0400-11-01-.04(8)(c)3(i)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8510	UNSATISFACTORY STABILIZATION OF COVER	0400-11-01-.04(6)(a)5,6	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
WASTE RESTRICTIONS						
8210	UNAUTHORIZED WASTE ACCEPTED	0400-11-01-.04(2)(k)1 0400-11-01-.04(2)(k)6	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
8220	UNAPPROVED SPECIAL WASTE ACCEPTED	0400-11-01-.01(4)(b) 0400-11-01-.01(4)(c)5	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						

*SEE DISCLAIMER ON LAST PAGE

VIOLATION		REGULATION	OBSERVATION			
			NVO	AOC	V1	V2
WASTE RESTRICTIONS						
8230	TIRES IMPROPERLY HANDLED	0400-11-01-.04(2)(k)3(i)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS	Liberty Tire was actually delivering a new, empty trailer during my inspection.					
8240	MEDICAL WASTE IMPROPERLY HANDLED	0400-11-01-.04(2)(k)4(i-iv)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						

LEACHATE LEVELS

23.9" at sump. Flow meter records are maintained at scale house.

3' of leachate in large blue leachate storage tank.

**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.*

SAVE FORM

Follow-Up Inspection Date

Inspector Name _____

ADDITIONAL COMMENTS

There was a small leachate seep on the north-facing slope (see item 8350, p. 4, see photolog also). It had already been identified by staff, contained, and correction was in-progress. I was notified of it before I saw it.

Rock is being delivered to complete the pond improvements around the inlets. There were multiple piles of rock staged just off the road, and Jeff and I discussed the plan to remove inlet pipes and replace with rock.

Grass is not visibly growing yet in the area that was hydroseeded, but mild weather this week and next may help. The grass in other areas that was previously established is still looking pretty good, even after the frosts earlier this month.

The working face was relatively small and manageable. The configuration is the same as it was at the beginning of November, and during the SUIT training inspection in mid-November. Truck traffic was flowing well and safely, and the bulldozer and compactor appeared to be capable of handling all the waste.

I reviewed the random inspections and special waste tickets since the mid-November SUIT inspection. I also reviewed the two stormwater inspections since that date, and the leachate flow meter and rainfall readings for the month. All the paperwork was readily accessible and in order.

The roads were in great condition - no dust, nothing muddy or sticky, no standing water, and the roads were well-compacted. Route 72 was also clean and free of dust, litter, mud, or any other track-out.

Flagging and litter looked like they were being managed well. Litter was being picked up along the top of the landfill while I was on site. Litter fencing is still up behind the working face and appears to be trapping some of the litter. The intermediate cover slopes downslope of the working face looked good.

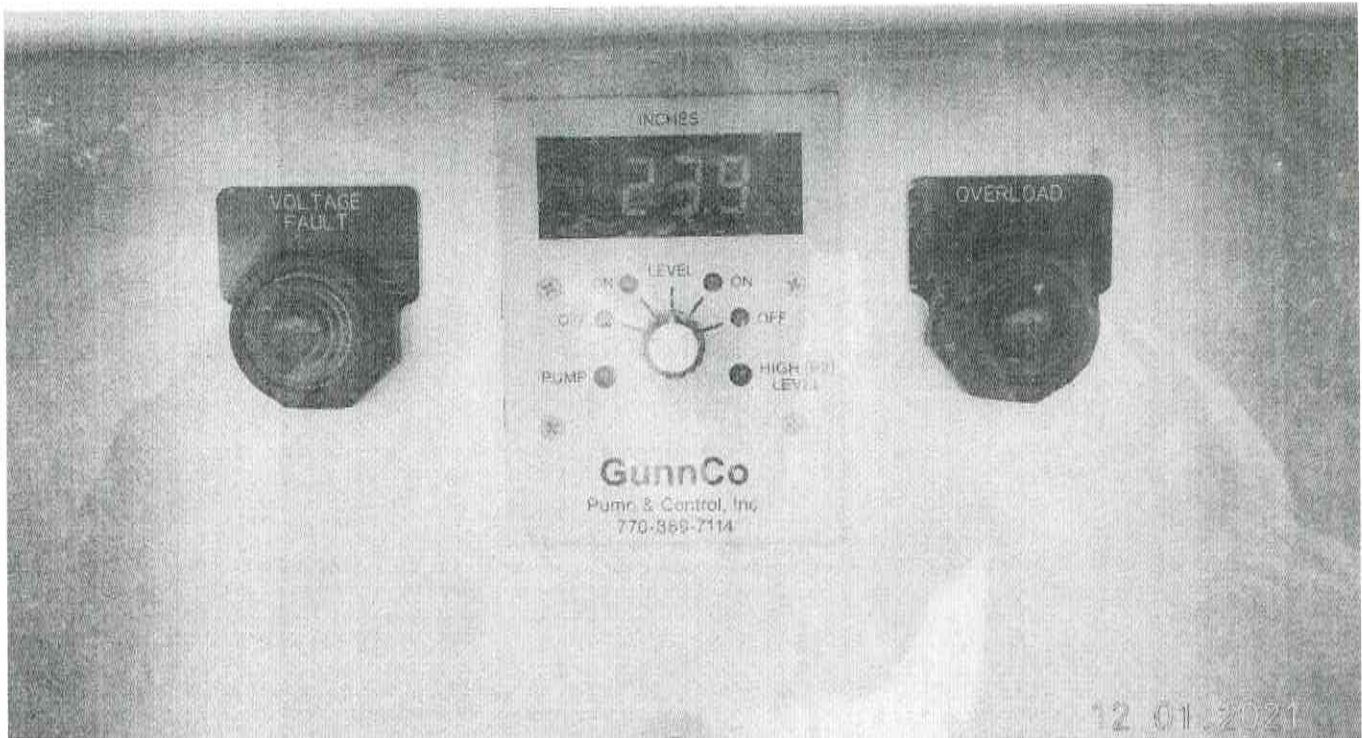
I checked the leachate level in the large blue storage tank (approximately 3'). Jeff explained the level at which the pump turns on (12') and the level at which the pump turns off (2') and the way the pump in the secondary containment works as well. The tank appears to be in very good condition.

No violations observed today.

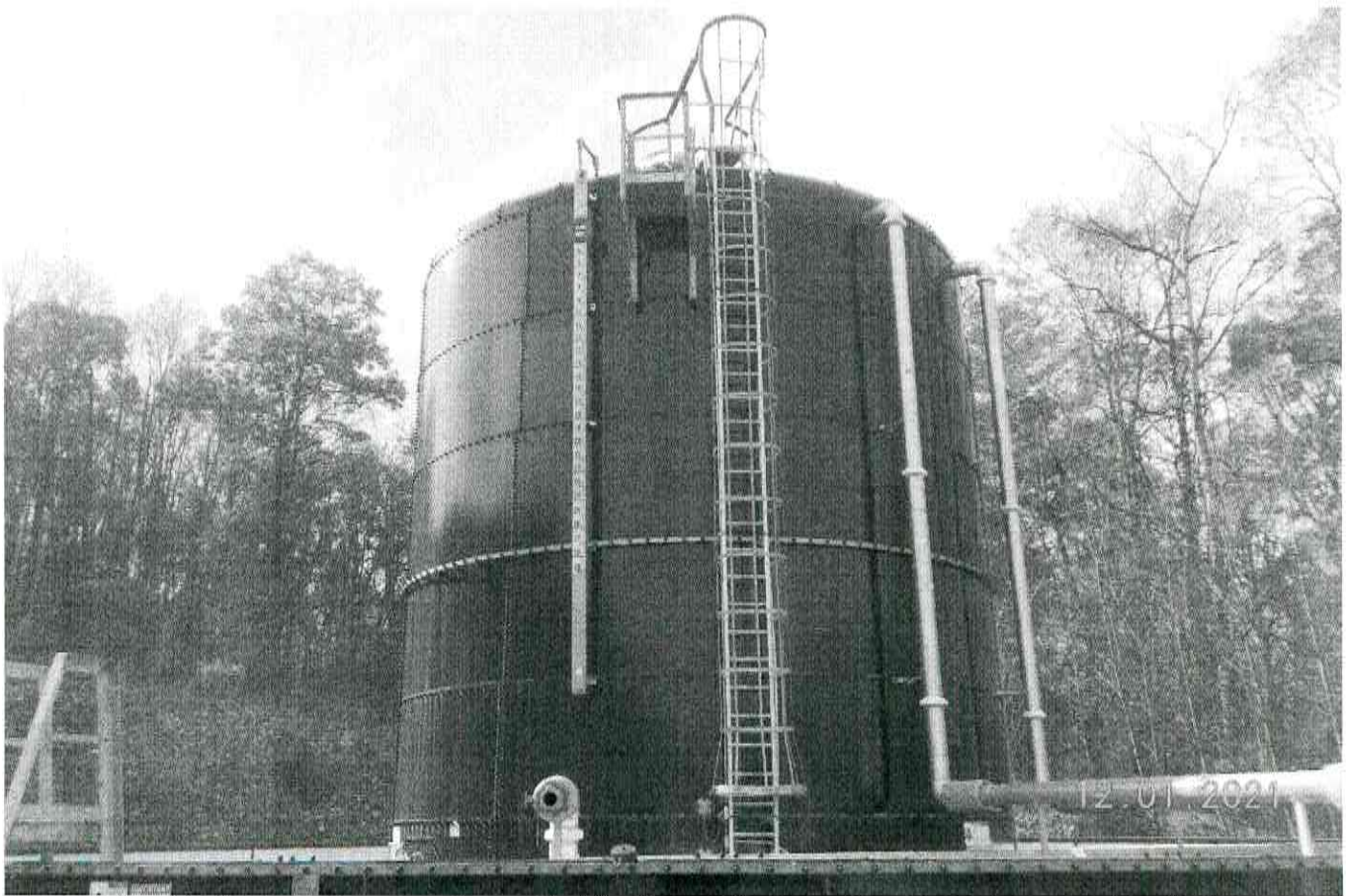
Matlock Bend Class I Landfill – SNL 53-0203
Initial monthly inspection – 12/01/2021
Photolog



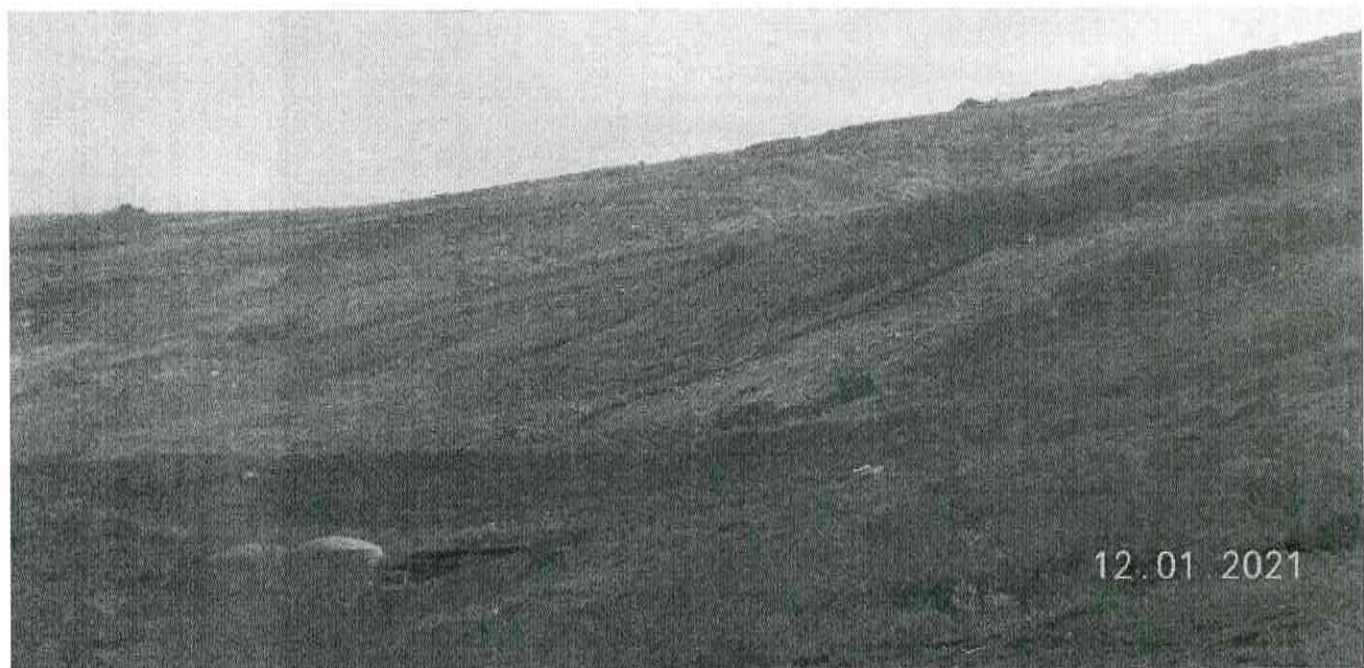
Photos of the working face today. Waste was contained in a relatively small area and was easily able to be managed by the bulldozer and compactor. Traffic was flowing well. Seasonal migratory birds appear to have arrived for the winter but did not appear to be impeding operations.



Leachate level at the GunnCo pump was 23.9" at the time of the inspection.



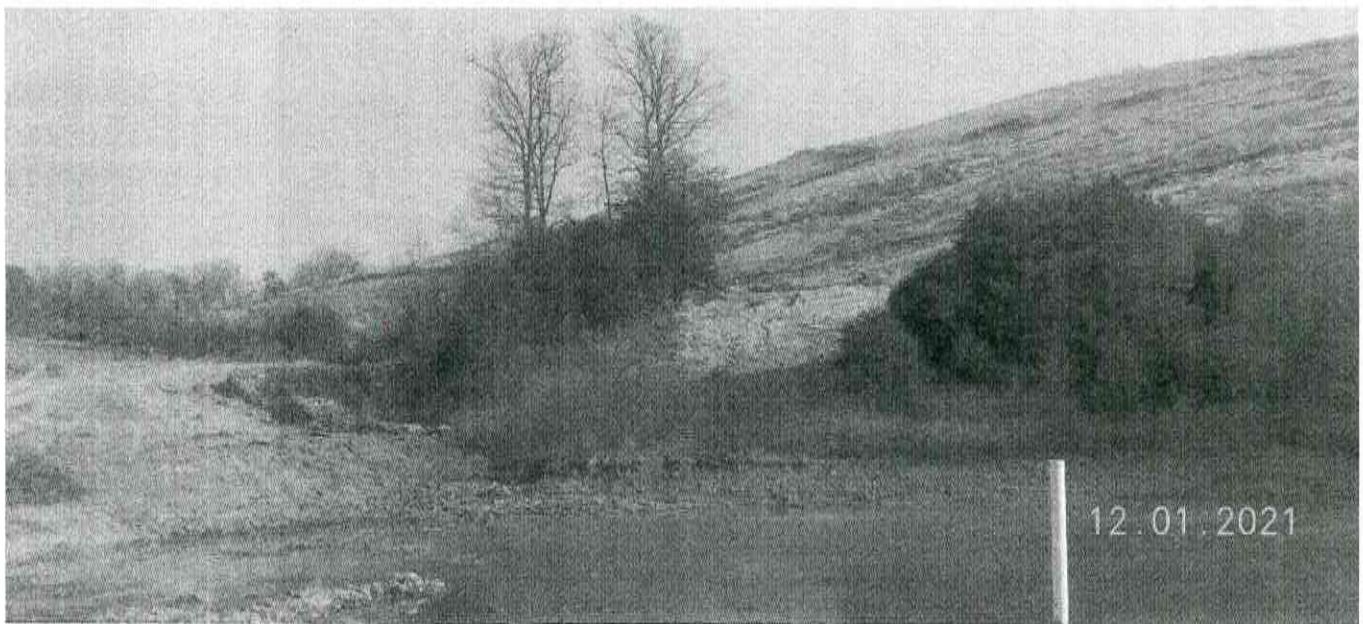
Leachate level in the large storage tank was 3' at the time of the inspection. Pump turns on when the level reaches 12' and draws it down to 2'.



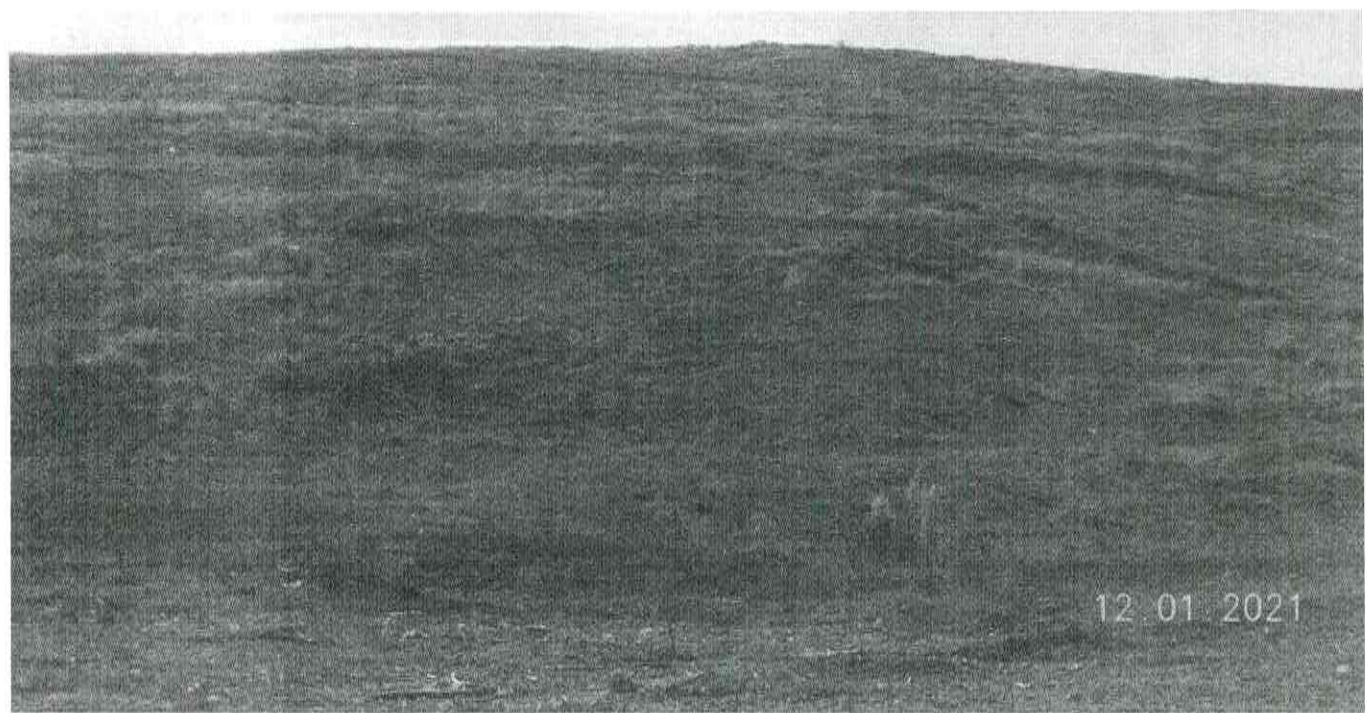
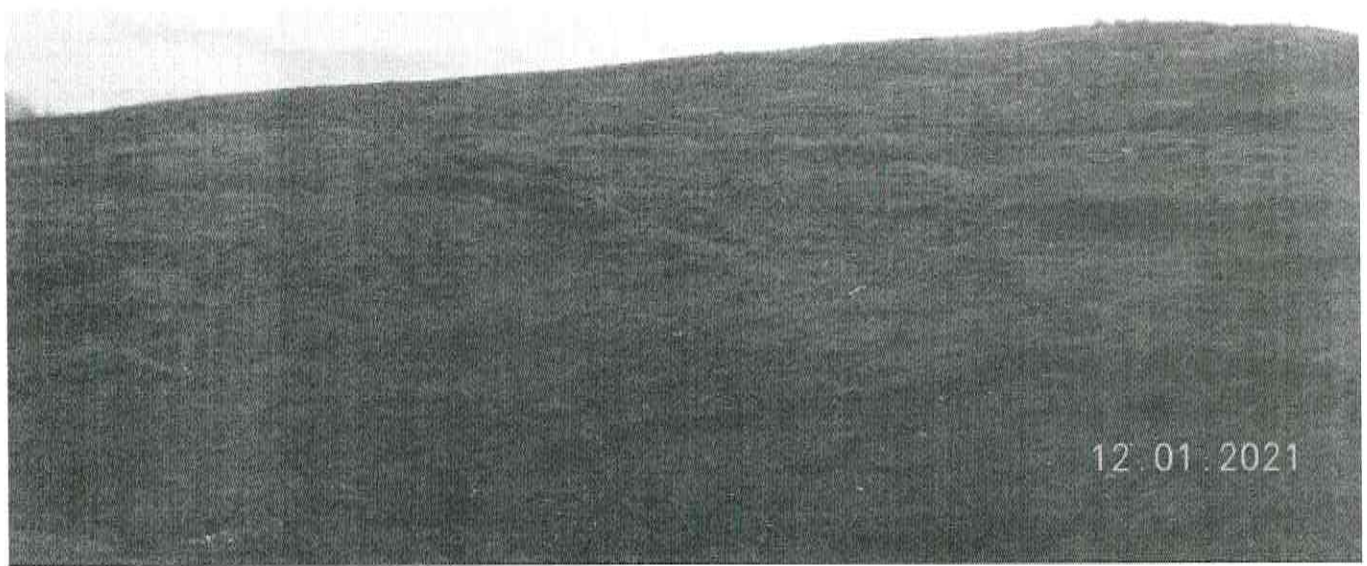
Two views from opposite directions of the intermediate cover slope below the current working face area. Grass has not visibly started to come up yet, but mild weather this week and next may help. Slopes looked good as far as litter and flagging. Litter was being picked up at the top of the slope during my inspection (gray pickup in upper left). The fresh dirt in the center of the lower photo is from a leachate seep that was dug out. It will be closed up once vertical drainage is confirmed.



Area around pipe at the pond is being prepared for rock. This pipe and pipe further up the slope (blocked by the tree to the right) will be removed, and the whole length will be filled with large rock. Rock is being delivered and piled just off the main landfill road near the turn-off for the pond. Several loads were delivered during my inspection.



View of opposite side of pond. The inlet area on this side will also be re-constructed with the large rock.



Grass on northeast corner is looking decent. Some of the late summer/early fall growth is starting to die off, but there is still a fair amount of coverage of cooler weather grass.

Materials Classification Report
Matlock Bend Landfill
Monthly Tonnage Summary November 2021

Material	Tonnage	2018 Sludge %		2019 Sludge %	
MSW		January	4%	January	5%
		February	4%	February	5%
MSW	10,355	March	5%	March	4%
Special Waste		April	6%	April	4%
		May	8%	May	3%
Other	1,229	June	9%	June	6%
		July	6%	July	5%
Ash	0	August	4%	August	4%
		September	2%	September	4%
Sludge	410	October	2%	October	3%
Total Special Waste		November	5%	November	4%
		December	5%	December	7%
Total MSW & SW					
		2020 Sludge %		2021 Sludge %	
		January	5%	January	3%
		February	4%	February	5%
Tires	29	March	4%	March	5%
Total Material		April	4%	April	6%
		May	4%	May	6%
		June	5%	June	5%
		July	5%	July	7%
		August	6%	August	4%
% MSW	86%	September	5%	September	6%
		October	3%	October	5%
% Special Waste	14%	November	5%	November	3%
		December	7%	December	
% Sludge *	3%				

* Sludge % is stand alone,
 % Special Waste includes "Sludge"

2021 Loudon MSW and Special Waste Analysis

Material	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
MSW	7,073	7,276	9,502	9,384	8,316	9,633	9,377	9,472	10,118	9,564	10,355	0	100,070
Special Waste	1,767	1,693	2,180	1,894	1,697	1,915	1,773	1,682	1,924	1,909	1,639	0	20,073
Tires	30	22	39	59	36	49	28	25	58	23	28	0	397
Total	8,870	8,991	11,721	11,337	10,049	11,597	11,178	11,178	12,100	11,496	12,023	0	120,539
%													
MSW	80%	81%	81%	83%	83%	83%	84%	85%	84%	83%	86%		83%
Special Waste	20%	19%	19%	17%	17%	17%	16%	15%	16%	17%	14%		17%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%

**2021-2022 Matlock Bend
Landfill Tire Report**

Month	Tonnage
Jul-21	32.44
Aug-21	33.33
Sep-21	33.35
Oct-21	13.22
Nov-21	13.40
Dec-21	
Jan-22	
Feb-22	
Mar-22	
Apr-22	
May-22	
Jun-22	
Total (tons)	125.74

Matlock Bend Landfill - Module E 2021 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)
		11,682		1.37		
May 25, 2020	628,843	-	-	-	-	-
May 26-31, 2020	-	1,915	A	1.37	2,624	626,219
June	-	10,982	A	1.37	15,045	611,174
July	-	10,481	A	1.37	14,359	596,815
August	-	9,959	A	1.37	13,644	583,171
September	-	10,031	A	1.37	13,742	569,429
October	-	10,560	A	1.37	14,467	554,962
November	-	10,081	A	1.37	13,811	541,151
December	-	10,023	A	1.37	13,732	527,419
January '21	-	8,870	A	1.37	12,152	515,267
February	-	8,991	A	1.37	12,318	502,950
March	-	11,721	A	1.37	16,058	486,892
April	-	11,337	A	1.37	15,532	471,360
May	-	11,373	A	1.37	15,581	455,779
June	-	11,548	A	1.37	15,820	439,959
July	-	10,947	A	1.37	14,997	424,962
August	-	11,037	A	1.37	15,121	409,841
September	-	11,863	A	1.37	16,253	393,588
October	-	11,294	A	1.37	15,473	378,115
November	-	11,888	A	1.37	16,287	361,829
December	-	11,682	P	1.37	16,004	345,825
January '22	-	11,682	P	1.37	16,004	329,821
February	-	11,682	P	1.37	16,004	313,817

¹ = Remaining airspace based on May 25, 2020 aerial survey.

Full Date

September-2023

² = Projected tonnages are based on a 3 month average.

³ = Utilization rate based on the annual utilization rate per October 27, 2008 construction meeting (Avg. Utilization = 1.37 cy/ton)

Tonnage for Past 3 Months

September	11,863
October	11,294
November	11,888
Average	11,682



December 1, 2021

Loudon County Solid Waste Disposal Commission
100 River Road
PO Box 351
Loudon, TN 37774

Dear Benjamin

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 of November 1, 2021 to November 30, 2021:

Host Fees (Greater of below)	
Total Tip Fees Billed	\$332,379.93
Host Fee Percentage	<u>3.96%</u>
	\$ 13,162.25
Minimum Fee	\$ 10,572.50
Security Fees (Greater of below)	
Total Tonnage Received	11,994.12
Rate per Ton	<u>1.00</u>
	\$ 11,994.12
Total Tip Fees Billed	\$332,379.93
Security Fee Percentage	<u>5.00%</u>
	\$ 16,619.00

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,

Clara Vinson
Business Unit Finance Manager

Matlock Bend Top 3 Cash Customers - November 2021

Date	Mcguires Dumpster Rental	Rocky Top Rolloffs	Ward Waste
11/10/2021	16.96	36.26	17.38
11/11/2021	16.63	22.86	22.69
11/12/2021	26.31	17.63	22.77
11/15/2021	20.33	46.61	26.94
11/16/2021	17.35	7.30	25.03
11/17/2021	15.13	19.56	23.33
11/18/2021	21.57	18.93	22.04
11/19/2021	14.44	-	20.76
11/22/2021	23.11	30.55	26.67
11/23/2021	13.00	9.72	22.37
11/24/2021	9.89	-	20.13
11/25/2021	Thanksgiving	Thanksgiving	Thanksgiving
11/26/2021	-	-	15.97
11/27/2021	-	-	-
11/29/2021	28.89	42.02	26.37
11/30/2021	12.64	5.09	23.54
Total Tons	236.25	256.53	315.99

Loudon County Department of Accounts and Budgets
Solid Waste Disposal Fund 207
Monthly Cash Report
November 2021

October 2021 Combined Ending Cash Balance per Monthly Report		4,582,735.94
Adjustments:		
Less October Trustee Commission	0.00	
	0.00	
Total Adjustments		0.00
Adjusted October 2021 Combined Ending Balance per Loudon Co Trustee		4,582,735.94

Solid Waste Disposal Commission Operating Fund

Operating Fund Ending Balance October 2021		4,525,104.11
Cash Receipts:		
Trustee's Collections - Prior Year	0	
Surcharge - Host Fees (October 2020)	0.00	
Surcharge - security Fees (October 2020)	0.00	
Investment Income - Proration based on % of balance	1,250.59	
Total Monthly Revenue		1,250.59
Cash Disbursements:		
Board & Committee Members Fees	(300.00)	
Social Security	(6.20)	
Medicare	(1.45)	
Audit Services (Mitchell Emert & Hill)		
Contracts with Private Agencies (Santek)		
Engineering Services (Santek)		
Contributions (Loudon Utilities - Quarterly)		
Legal Services (Oct 2021)	(2,500.00)	
Legal Notices	0.00	
Other Contracted Services (Mowing)		
Building & Content Insurance		
In-Service/Staff Development (Refund)		
Trustee's Commission - Proration = % of balance	(147.12)	
Total Cash Disbursements		(2,954.77)
Reconciling Item		
Check Voided & Re-issued		0.00
<u>Operating Fund Ending Balance November 2021</u>		4,523,399.93

Poplar Springs Subfund

Poplar Springs Subfund Balance October 2021		57,631.83
Cash Receipts:		
Investment Income - Proration based on % of balance	15.93	
Total Monthly Revenue		15.93
Cash Disbursements:		
Trustee's Commission - Proration = % of balance	(1.87)	
Total Cash Disbursements		(1.87)

LOUDON COUNTY COMMISSION

Loudon County Commission Loudon County Commission
RESOLUTION 050321-B RESOLUTION 050321-C

RESOLUTION APPROVING OR ACKNOWLEDGING BOARD OR
COMMITTEE APPOINTMENT BY COUNTY MAYOR

WHEREAS, by statute, and/or Intergovernmental Agreement and/or County Procedural Regulations, the County Mayor has the authority to make certain committee and board appointments; and

WHEREAS, appointments are necessary and/or desirable at this time with a 6 year rotation term; and

WHEREAS, the County Mayor appoints the following members of the:

SOLID WASTE DISPOSAL COMMITTEE

<u>Appointee</u>		<u>Term Expiration</u>
Terry Small	Panel B	May 2027
Pat Hunter	Panel B	May 2027

NOW, THEREFORE, BE IT RESOLVED that the Loudon County Commission, meeting in regular session assembled this 3rd^h day of May, 2021 hereby approves and/or acknowledges (as appropriate) the said appointments.


Loudon County Commission Chairman

Attest:


Loudon County Clerk


Loudon County Mayor

The remaining members and their continuing expiration terms for said board or committee are as follows:

<u>Appointee</u>		<u>Term Expiration</u>
Kelly Brewster	Panel A- Commissioner	March 2023
Art Stewart	Panel A- Lenoir City	March 2023
Tammy Bivens	Panel A – Loudon	March 2023
Larry Jameson	Panel C	March 2025
Steve Field	Panel C	March 2025