

AGENDA
LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION
February 11, 2020
6:30 p.m.
LOUDON COUNTY BUILDING
Loudon, Tennessee

1. Opening of Meeting, Pledge of Allegiance, Invocation
2. Approval of Minutes – January 14, 2020
3. Items of Public Concern
4. Cash Activity Report
5. Operations Report
6. Contract Modification Update
7. Attorney’s Report - Election of LCSWDC Officers
8. Chairman’s Report
9. Other Items of Commission’s Consideration
10. Adjourn

Loudon County Department of Accounts and Budgets
Solid Waste Disposal Fund 207
Monthly Cash Report
January 2020

December 2019 Combined Ending Cash Balance per Monthly Report		3,995,074.74
Adjustments:		
Additional December Interest	0.00	
December Trustee Commission	(190.60)	
Total Adjustments		(190.60)
Adjusted December 2019 Combined Ending Balance per Loudon Co Trustee		3,994,884.14

Solid Waste Disposal Commission Operating Fund

Operating Fund Ending Balance December 2019		3,937,188.01
Cash Receipts:		
Trustee's Collections - Prior Year	0	
Surcharge - Host Fees (Dec 2019)	10,682.57	
Surcharge - Security Fees (Dec 2019)	13,488.09	
Investment Income	8,803.63	
Total Monthly Revenue		32,974.29
Cash Disbursements:		
Board & Committee Members Fees	(350.00)	
Social Security	(6.20)	
Employer Medicare	(1.44)	
Audit Services (Mitchell Emert & Hill)	0.00	
Consultants (Geosyntec)	0.00	
Contracts with Private Agencies (Santek)	0.00	
Engineering Services (Santek)	0.00	
Contributions (Loudon Utilities - Quarterly)	0.00	
Legal Services (Kennerly Dec 2019)	(2,500.00)	
Legal Notices	0.00	
Other Contracted Services (Mowing)	0.00	
Building & Content Insurance	0.00	
In-Service/Staff Development (Refund)	0.00	
Trustee's Commission	(194.87)	
Total Cash Disbursements		(3,052.51)
Expenditure Credit:		
Trustee Commission Adjustment		0.00
<u>Operating Fund Ending Balance January 2020</u>		3,967,109.79

Poplar Springs Subfund

Poplar Springs Subfund Balance December 2019		57,696.13
Cash Receipts:		
	0.00	
Total Monthly Revenue		0.00
Cash Disbursements:		
Poplar Springs Engineering	0.00	
Total Cash Disbursements	0.00	0.00
<u>Poplar Springs Subfund Balance January 2020</u>		57,696.13

TOTAL COMBINED OPERATING AND POPLAR SPRINGS JANUARY 2020 BALANCE **4,024,805.92**

Combined Summary - January 2020	
Beginning Balance	3,994,884.14
Plus Operating Revenue	32,974.29
Less Operating and Poplar Springs Disbursements	(3,052.51)
TOTAL COMBINED BALANCE - JANUARY 2020	4,024,805.92



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

Email: info@santekwasteservices.com
Internet: santekwasteservices.com

**Monthly Operations Report
Matlock Bend Landfill
February 11, 2020**

**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
- G. Quarterly Facility Inspection Fee Report

II. AIRSPACE UTILIZATION SCHEDULE

III. HOST & SECURITY FEES

IV. SANTEK RESPONSE LETTER

**LANDFILL TONNAGE VOLUME
MONTH ENDING -
January 2020**

MATLOCK BEND LANDFILL

MONTH	2019		2020		2019 TO 2020	
	2019	2020	2019	2020	2019	TO 2020
JANUARY	13,578.63	15,673.95	2,095.32			
FEBRUARY			0.00			
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	13,578.63	15,673.95	2,095.32			

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

522.47

**DAILY AVG FOR 22.5
DAY PERIOD**

696.62

LOUDON COUNTY

MONTH	2019		2020		2019 TO 2020	
	2019	2020	2019	2020	2019	TO 2020
JANUARY	489.09	514.88	25.79			
FEBRUARY			0.00			
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	489.09	514.88	25.79			

LENOIR CITY

MONTH	2019		2020		2019 TO 2020	
	2019	2020	2019	2020	2019	TO 2020
JANUARY	359.51	375.20	15.69			
FEBRUARY			0.00			
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	359.51	375.20	15.69			

CITY OF LOUDON

MONTH	2019		2020		2019 TO 2020	
	2019	2020	2019	2020	2019	TO 2020
JANUARY	434.56	457.31	22.75			
FEBRUARY			0.00			
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	434.56	457.31	22.75			

WASTE SERVICES OF TN

MONTH	2019		2020		2019 TO 2020	
	2019	2020	2019	2020	2019	TO 2020
JANUARY	2,912.60	3,339.43	426.83			
FEBRUARY			0.00			
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	2,912.60	3,339.43	426.83			

TENNESSEE TRASH

MONTH	2019		2020		2019 TO 2020	
	2019	2020	2019	2020	2019	TO 2020
JANUARY	5,184.96	0.00	(5,184.96)			
FEBRUARY			0.00			
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	5,184.96	0.00	(5,184.96)			

**LANDFILL TONNAGE VOLUME
MONTH ENDING -
January 2020**

MARION ENVIRONMENTAL - IVA ASB

MONTH	2019	2020	2019 TO 2020
DECEMBER '19		1,680.26	1,680.26
JANUARY	0.00	6,212.69	6,212.69
FEBRUARY			0.00
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	0.00	7,892.95	7,892.95

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

**CLASS I
FACILITY**

Choose Inspection Type...

SITE	DATE	TIME	WEATHER
Loudon County Landfill SNL530000203 21712 Highway 72 North Loudon	1/7/2020	12:29	52, sun
			EFO KNOX

*SEE DISCLAIMER ON LAST PAGE

VIOLATION	REGULATION	OBSERVATION NVO AOC V1 V2
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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"/>
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COMMENTS						
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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"/>
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COMMENTS						
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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"/>
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COMMENTS						
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COMMUNICATIONS

8130	NO COMMUNICATION DEVICES	0400-11-01-.04(2)(f)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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COMMENTS						
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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"/>
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COMMENTS						
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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"/>
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COMMENTS						
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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"/>
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COMMENTS						
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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	0400-11-01-.02(5)(a)7 TCA 68-211-862(a)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
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						

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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						
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						
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						
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						

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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 checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
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"/> <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"/> <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"/> <input type="checkbox"/>
COMMENTS			
8490	EXCESSIVE POOLING OF WATER	0400-11-01-.04 (2)(a)3 0400-11-01-.04(8)(c)4(iii)	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
8520	DUMPING OF WASTE INTO WATER	0400-11-01-.04 (2)(a)3	? <input checked="" type="checkbox"/> <input 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"/> <input type="checkbox"/>
COMMENTS			
PERSONNEL SERVICES			
8120	INADEQUATE EMPLOYEE FACILITIES	0400-11-01-.04(2)(e)	? <input checked="" type="checkbox"/> <input 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"/> <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)	TCA 68-211-104(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						

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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"/> <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"/> <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"/> <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"/> <input type="checkbox"/>
COMMENTS			
8480	UNSATISFACTORY FINAL COVER	0400-11-01-.04(6)(a)6 0400-11-01-.04(8)(c)4	? <input checked="" type="checkbox"/> <input 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"/> <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"/> <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"/> <input type="checkbox"/>
COMMENTS			

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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						
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

Leachate tank: 4"
Sump: 6.6"

**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

Ryan Miller

Digitally signed by Ryan Miller
DN: cn=Ryan Miller, o=TDEC, ou=DSWM, email=ryan.millar@tn.gov, c=US
Date: 2020.01.07 15:28:38 -0500

Materials Classification Report
Matlock Bend Landfill
Monthly Tonnage Summary January 2020

Material	Tonnage	2017 Sludge %		2018 Sludge %	
MSW		January	5%	January	4%
		February	8%	February	4%
MSW	<u>7,481</u>	March	8%	March	5%
Special Waste		April	7%	April	6%
		May	4%	May	8%
Other	7,452	June	2%	June	9%
Ash	0	July	3%	July	6%
Sludge	<u>741</u>	August	4%	August	4%
Total Special Waste	<u><u>8,193</u></u>	September	7%	September	2%
		October	8%	October	2%
		November	6%	November	5%
		December	5%	December	5%
Total MSW & SW	15,674				
		2019 Sludge %		2020 Sludge %	
Tires	31	January	5%	January	5%
Total Material	<u><u>15,705</u></u>	February	5%	February	
		March	4%	March	
		April	4%	April	
		May	3%	May	
		June	6%	June	
		July	5%	July	
		August	4%	August	
		September	4%	September	
		October	3%	October	
		November	4%	November	
		December	7%	December	
% MSW	<u>48%</u>				
% Special Waste	<u>52%</u>				
% Sludge	<u>5%</u>				

**2019-2020 Matlock Bend
Landfill Tire Report**

Month	Tonnage
Jul-19	18.69
Aug-19	48.10
Sep-19	49.21
Oct-19	19.57
Nov-19	41.03
Dec-19	34.20
Jan-20	33.88
Feb-20	
Mar-20	
Apr-20	
May-20	
Jun-20	
Total (tons)	210.48



STATE OF TENNESSEE
 DEPARTMENT OF ENVIRONMENT AND CONSERVATION
 DIVISION OF SOLID WASTE MANAGEMENT
 WILLIAM R. SNODGRASS TENNESSEE TOWER
 312 ROSA L. PARKS AVENUE, 14TH FLOOR
 NASHVILLE, TN 37243

PRINT FORM

RESET FORM

YEAR	2019
QUARTER	<input type="checkbox"/> Q1 JAN - MAR <input type="checkbox"/> Q2 APR - JUN <input type="checkbox"/> Q3 JUL - SEP <input checked="" type="checkbox"/> Q4 OCT - DEC

QUARTERLY SOLID WASTE SURCHARGE AND FACILITY INSPECTION FEE REPORT

1. FACILITY INFORMATION

FACILITY ID	FACILITY NAME		
SNL 53-103-0203	Matlock Bend Landfill		
PHYSICAL LOCATION ADDRESS		CITY	STATE ZIP
21712 HWY 72 North		Loudon	TN 37774
FACILITY MANAGER OR SITE OPERATOR		(AREA CODE) + PHONE	EMAIL
Loudon County/Santek Environmental LLC		423-303-7101	jmillr@santekwasteservices.com

2. FEE CALCULATION

LINE	DESCRIPTION	FORMULA	AMOUNT	UNITS	LINE
LINE 1	AMOUNT OF WASTE RECEIVED	FIRST MONTH OF REPORTING QUARTER	11,554.37	TONS	1
LINE 2	AMOUNT OF WASTE RECEIVED	SECOND MONTH OF REPORTING QUARTER	8,883.28	TONS	2
LINE 3	AMOUNT OF WASTE RECEIVED	THIRD MONTH OF REPORTING QUARTER	10,644.98	TONS	3
LINE 4	TOTAL AMOUNT OF WASTE RECEIVED	ADD LINE1 + LINE2 + LINE3	31,082.63	TONS	4
LINE 5	SURCHARGE	MULTIPLY LINE 4 X .90	27,974.37		5
<input checked="" type="checkbox"/> CHECK IF YOU ARE CLAIMING THE 1% "ON-TIME PAYMENT DEDUCTION", IF NOT, ENTER \$0.00 ON LINE 6					
LINE 6	1% DEDUCTION IF PAYMENT MADE ON-TIME	MULTIPLY LINE 5 X .01	279.74		6
LINE 7	SUBTOTAL	SUBTRACT LINE 5 - LINE 6	27,694.63		7
LINE 8	FACILITY INSPECTION FEE	MULTIPLY LINE 4 X .35	10,878.92		8
LINE 9	SUBTOTAL	ADD LINE 7 + LINE 8	38,573.55		9
LINE 10	OUTSTANDING DEBIT	ENTER DEBIT AMOUNT HERE, ADD TO LINE 9 AND ENTER TOTAL ON LINE 12	0		10
LINE 11	OUTSTANDING CREDIT	ENTER CREDIT AMOUNT HERE, SUBTRACT FROM LINE 9 AND ENTER TOTAL ON LINE 12	0		11
LINE 12	TOTAL DUE	PAY THIS AMOUNT →	\$ 38,573.55		12

Q1 FEES DUE APRIL 30
 Q2 FEES DUE JULY 31
 Q3 FEES DUE OCTOBER 31
 Q4 FEES DUE JANUARY 31
 MAKE REMITTANCE PAYABLE TO: TREASURER, STATE OF TENNESSEE.

3. CERTIFICATION REQUIRED

I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

→ Jamie Miller
 SIGNATURE OF OWNER / OPERATOR
Jamie Miller
 TITLE

Jamie Miller
 PRINTED NAME
1/20/2020
 DATE SIGNED

FD10251B

LANDFILL ORIGIN REPORT

QUARTER 4 (OCTOBER TO DECEMBER) | 2019

Matlock Bend Landfill

The following information shall be provided in accordance with TCA 68-211-862 which states:

(a) The owner or operator of each Class I municipal solid waste disposal facility or incinerator or transfer station required to remit a surcharge under 68-211-835(d) shall be responsible for keeping an accurate written record of all amounts and county of origin of solid waste, measured in tons, received at the facility. This information shall be submitted to the department.

(b) Measurement in tons of solid waste received shall be accomplished by one (1) or more of the following methods:

- (1) The provision of stationary or portable scales at the disposal facility or incinerator or transfer station for weighing incoming waste; or
- (2) Implementation of contractual or other arrangements for the use of scales at a location other than the disposal facility, incinerator, or transfer station for weighing all waste destined for disposal at the facility.

General Information

 MANAGE ONLY

Facility ID #: *

53-000-0203 *(ID should be in format of ##-000-####)*

Facility Owner Name: *

Loudon County

Mailing Address: *

650 25th Street NW, Suite 100

Mailing Zip Code: *

37311

Mailing State: *

Tennessee

Tipping Fees

Advertised Tipping Fee per ton (\$): * 28.45 *(Please enter only the tipping fee for material going into the Class I landfill)*

Advertised Tipping Fee per ton (\$): *(If you have more than one tipping fee for material going into the Class I landfill, enter the second one here)*

1. Origin of Waste

Waste Received From: *

County

Transfer Station

Out of State

Select County: *

Anderson

Amount of Waste Received (Tons): *

30.80

Comments:

2. Origin of Waste

Waste Received From: *

- County
- Transfer Station
- Out of State

Select County: *

Bradley

Amount of Waste Received (Tons): *

0.00

Comments:

There was not any waste originating from Bradley County during the 4th qtr

3. Origin of Waste

Waste Received From: *

- County
- Transfer Station
- Out of State

Select County: *

Blount

Amount of Waste Received (Tons): *

126.79

Comments:

4. Origin of Waste

Waste Received From: *

- County
- Transfer Station
- Out of State

Select County: *

Knox

Amount of Waste Received (Tons): *

650.03

Comments:

5. Origin of Waste

Waste Received From: *

- County
- Transfer Station
- Out of State

Select County: *

Loudon

Amount of Waste Received (Tons): *

24,818.43

Comments:

6. Origin of Waste

Waste Received From: *

- County
- Transfer Station
- Out of State

Select County: *

McMinn

Amount of Waste Received (Tons): *

202.60

Comments:

7. Origin of Waste

Waste Received From: *

- County
- Transfer Station
- Out of State

Select County: *

Monroe

Amount of Waste Received (Tons): *

747.57

Comments:

8. Origin of Waste

Waste Received From: *

County

Transfer Station

Out of State

Select County: *

Roane

Amount of Waste Received (Tons): *

4,497.91

Comments:

9. Origin of Waste

Waste Received From: *

County

Transfer Station

Out of State

Select County: *

Rhea

Amount of Waste Received (Tons): *

8.50

Comments:

Total Waste Received (Tons):

31,082.63

As Facility Contact, please type in your name to attest that the information included in the Origin Report has been reviewed for completeness, accuracy and is true to the best of your knowledge. *

Jamie Miller

Response created on: Jan 31, 2020 at 08:46 AM CST by jmiller@santekenviro.com

Response last updated on: Jan 31, 2020 at 08:46 AM CST by jmiller@santekenviro.com

Landfill Origin Report for Loudon County, Tennessee

Advertised Tipping Fee Per ton \$28.45

Origin of Waste (Name of County)	Waste Received From County, Transfer Station or Other	Q1 2019	Q2 2019	Q3 2019	Q4 2019	YTD Total
Anderson	County	54.16	65.67	51.26	30.80	201.89
Knox	County	410.38	679.82	513.44	650.03	2,253.67
Loudon	County	34,497.26	33,738.94	26,030.28	24,818.43	119,084.91
McMinn	County	189.70	307.62	259.54	202.60	959.46
Monroe	County	596.93	699.72	690.81	747.57	2,735.03
Roane	County	2,597.97	2,696.20	4,381.02	4,497.91	14,173.10
Blount	County	276.30	134.81	130.63	126.79	668.53
Meigs	County	17.49	0.00	0.00	0.00	17.49
Rhea	County	0.00	11.56	0.00	8.50	20.06
Bradley	County	0.00	0.00	5.01	0.00	5.01
		38,640.19	38,334.34	32,061.99	31,082.63	140,119.15

Matlock Bend Landfill - Module E 2019 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)
		11,762		1.28		
May 6, 2019	785,212	-	-	-	-	-
May 7 - 31, 2019	-	11,657	A	1.28	14,920	770,292
June	-	9,863	A	1.28	12,625	757,667
July	-	11,013	A	1.28	14,097	743,570
August	-	10,239	A	1.28	13,105	730,465
September	-	10,916	A	1.28	13,972	716,492
October	-	11,599	A	1.28	14,847	701,646
November	-	8,914	A	1.28	11,410	690,236
December	-	10,667	A	1.28	13,654	676,582
January '20	-	15,705	A	1.28	20,102	656,480
February	-	11,762	P	1.28	15,055	641,424
March	-	11,762	P	1.28	15,055	626,369
April	-	11,762	P	1.28	15,055	611,314
May	-	11,762	P	1.28	15,055	596,258
June	-	11,762	P	1.28	15,055	581,203
July	-	11,762	P	1.28	15,055	566,147
August	-	11,762	P	1.28	15,055	551,092
September	-	11,762	P	1.28	15,055	536,037
October	-	11,762	P	1.28	15,055	520,981
November	-	11,762	P	1.28	15,055	505,926
December	-	11,762	P	1.28	15,055	490,871

¹ = Remaining airspace based on May 6, 2019 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 = 1.22 cy/ton)

Tonnage for Past 3 Months

November	8,914
December	10,667
January	15,705
Average	11,762

cc: Tim
Matt
Ben
Ron
Justin
Jason
Mark

SANTEK



WasteServices

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

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

February 10, 2020

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 January 1, 2020 to January 31, 2020:

Host Fees (Greater of below) –	
Total Tip Fees Billed	\$413,803.44
Host Fee Percentage	<u>3.96%</u>
	\$ 16,386.62
Minimum Fee	<u>\$ 10,560.00</u>
Security Fees (Greater of below) –	
Total Tonnage Received	15,673.95
Rate per ton	<u>\$ 1.00</u>
Total	\$ 15,673.95
Total Tip Fees Billed	\$413,803.44
Security Fee Percentage	<u>5.00%</u>
	\$ 20,690.17

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
Vice President of Finance & Corporate Controller



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

Email: info@santekwasteservices.com
Internet: santekwasteservices.com

February 11, 2020

Loudon County Solid Waste Disposal Commission
100 River Road, Box 100
Loudon, Tennessee 37774
Attn: Steve Field, Chairperson

Kennerly, Montgomery & Finley, P.C.
550 Main Street, Fourth Floor
Knoxville, Tennessee 37901
Attention: Kevin C. Stevens

Re: Matlock Bend Landfill- Sanitary Landfill Operation Agreement Dated
July, 1, 2007

Dear Sirs,

This letter is in response to the Notice of Default letter ("Notice Letter") received from Kevin C. Stevens dated January 17, 2020, regarding the above-referenced Sanitary Landfill Operation Agreement dated July, 1, 2007 (the "Agreement"). The Notice Letter alleges certain defaults by Santek Environmental, LLC (formerly known as Santek Environmental, Inc.) ("Santek") in the performance of its obligations under the Agreement regarding Section 5.07 of the Agreement, which includes the obligation on Santek to use "reasonable efforts to maintain and keep free of litter and other foreign material all areas within the Landfill and on all Access Roads within a one-quarter mile of the gate to the Landfill." While Santek believes that it has used reasonable efforts under the Agreement to such material, we understand that LCSWDC wants more action. In keeping with the good relations that has existed for many years under the public-private partnership between LCSWDC and Santek, Santek has taken the additional steps to address the concerns of the LCSWDC as to such material.

At a January 24, 2020 meeting between LCSWDC representatives, including Chairperson Field and attorney Kevin Stevens, Santek representatives Tim Watts, Eddie Caylor and Ben Johnston met and discussed the efforts needed to improve the control of litter in the areas of concern. Santek expressed a willingness to add significant actions in such regard, including the acquisition of a wheel wash system, new operational procedures, the adding of more resources, and communicating more frequently with the LCSWDC on the issue. In furtherance of that discussion, Santek has recently undertaken several additional extraordinary efforts that go above and beyond *reasonable efforts* to so maintain and prevent the accumulation of such material in an effort to attain a higher level of success. Those recent additional, extraordinary efforts are summarized as follows:

- **Additional Oversight:**
 - Following receipt of the Notice Letter, Matt Dillard (Santek EVP of Landfill Operations) and Levi Higdon (Regional Manager for Santek) spent two weeks at the Matlock Bend Landfill, working with landfill manager Justin Givens on improvements to the daily operation.

- On February 3, 2020, Levi Higdon of Santek began performing random weekly inspections of the Matlock Bend Landfill. Levi Higdon, or other similarly qualified personnel, will continue to perform periodic inspections as warranted.
 - Santek is currently providing weekly operating reports to Steve Field (LCSWDC Chairman of the board) and Kevin Stevens (LCSWDC attorney) to keep the board abreast of our weekly efforts. Santek will also maintain communication with board members to address any questions or concerns. Copies of recent versions of these reports are attached to this letter.
 - Santek has also implemented a zero tolerance policy for users and invitees for non-compliance with Landfill rules and procedures. If procedures are ignored Santek will document the name(s) for the responsible party, the truck number(s) and/or tag number, and report this information to the appropriate person(s) or company. Companies, drivers, and/or users who continue to ignore Landfill rules will be banned from utilizing the Landfill. Copies of recent reports attached to this letter.
- **Improvements to the Daily Operation, Staff, and Equipment:**
 - Following the January 14, 2020 Loudon County Solid Waste Disposal Commission meeting, Santek stripped every Haul Road in the Landfill and added multiple new layers of rock that varied in size. Santek will continue this process amongst the landfill Haul Roads.
 - Changed the ingress and egress traffic pattern to the active landfill. The new route to the current operating cell involved major improvements to the landfill roads, and required the tipping area to be relocated.
 - Santek has added additional employees to the wheel wash station. These employees are responsible for pressure washing trucks/ vehicles exiting the Landfill. This will be continued until the new pressurized wheel wash system is installed.
 - We have designated a full-time employee to monitor and maintain the Highway 72 Access Road. This employee's sole responsible is to sweep and wash Highway 72, the landfill entrance, and the scales as often as necessary.
 - Santek has implement additional safety measures, adding additional warning lights and signs to vehicles/ equipment utilized to maintain Highway 72. Santek has also added additional roadway signs warning motorist of work ahead.
 - We have initiated the use of a different style street sweeper. The sweeper is a self-contained unit equipped with vacuum capabilities to assist in cleaning the Access Road. In addition, Santek has purchased additional pressure washers to eliminate any potential downtime, and added additional equipment to be utilized at the landfill for as long as necessary.
 - Santek has committed to operational procedures for wet weather. Santek now stores excess loads of gravel to utilize throughout the landfill during inclement weather, in the event existing infrastructure begins to deteriorate.
 - **Purchase of New Landfill Wheel Wash System:**
 - On Friday, January 31, 2020, Santek issued a purchase order to Moby Dick in the amount of \$94,110 for a pressurized wheel wash system. The wheel wash system will take 18-22 weeks to be manufactured, delivered, and operational at the Matlock Bend Landfill. See copy of purchase order attached to this letter.

In consideration of Santek's additional efforts described above, and its commitment to implement and operate a new wheel wash system, Santek requests that the LCSWDC acknowledge and agree with those

efforts and commitments, and that the implementation and performance of such satisfies the LCSWDC as to Santek's obligations for litter and other foreign material control under Section 5.07 of the Agreement. Also, based on those efforts and commitments, the LCSWDC below acknowledges the withdrawal of the allegations of default by Santek pursuant to the Notice Letter.

Santek Environmental, LLC

By: Joseph T. Watts
Title: COO

Acknowledged:

Loudon County Solid Waste Disposal Commission

By: _____
Title: _____

[Enclosures]

Matlock Bend Landfill Weekly Report

Week of January 13:

Daily Photo Documentation:

January 17, 2020

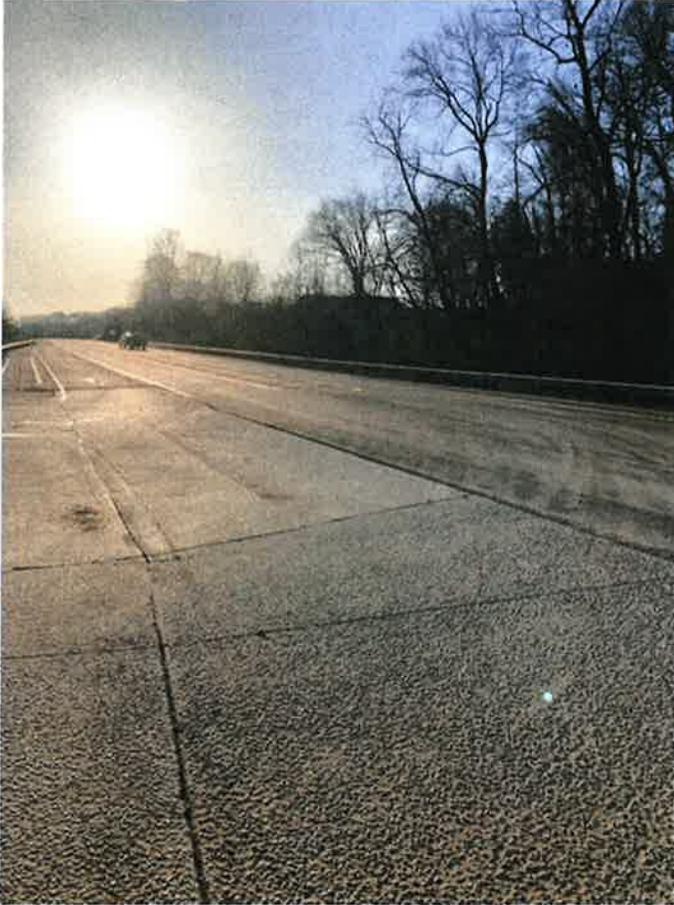


January 18, 2020



Week of January 20, 2020

January 20, 2020:



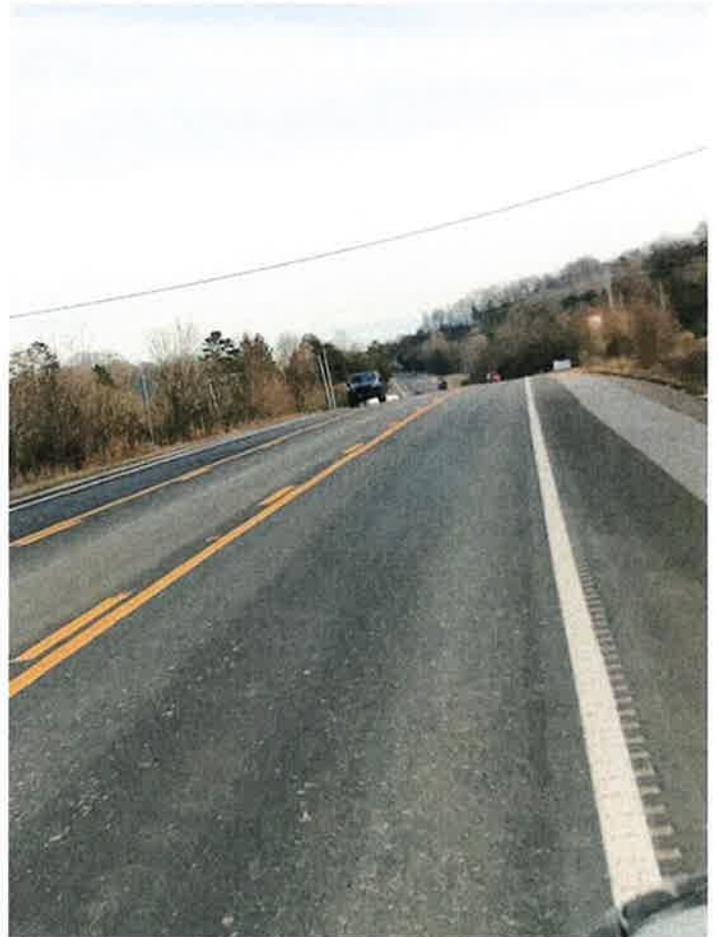
January 21, 2020:



January 21, Cont.



January 22, 2020:



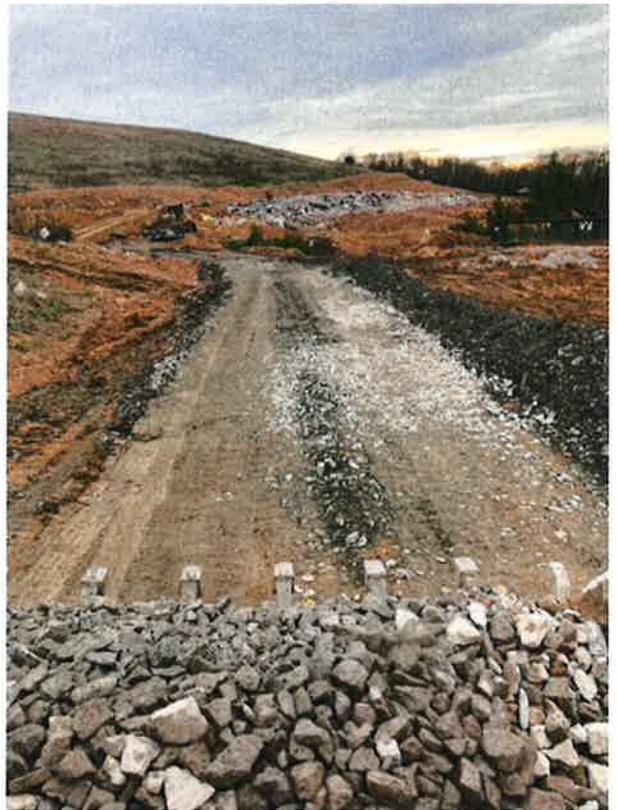
January 23, 2020:



January 24, 2020:

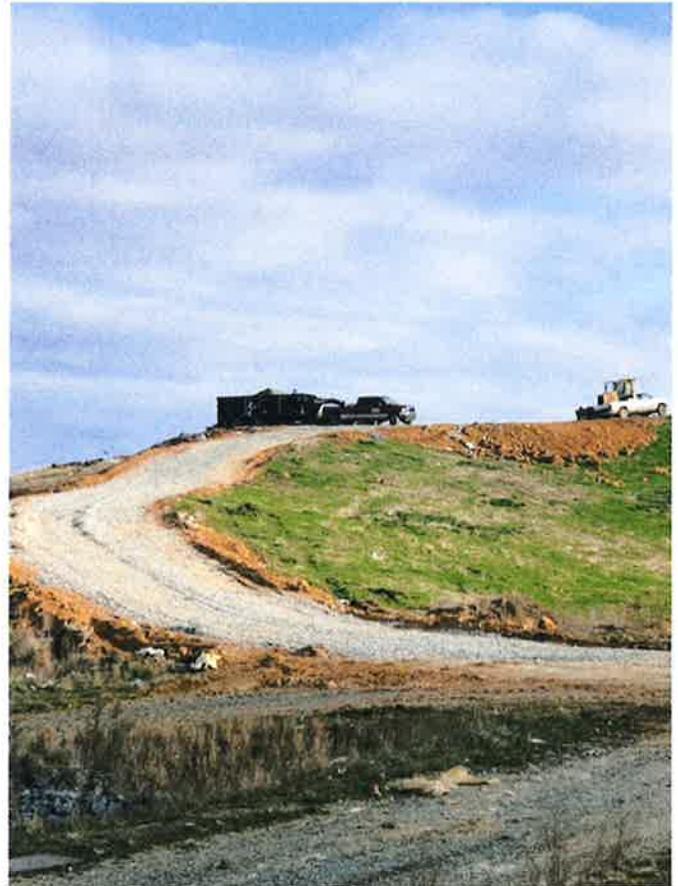


Additional Measures:



Self-contained street sweeper with vacuum.

Re-worked haul road to working face



Old gravel removed and new larger gravel added



New larger tipping area.



Employees pressure washing on each side of the trucks

Matlock Bend Landfill - Daily Report

- 1/14/20
 - County Meeting
- 1/15/20
 - Quarterly Review – Matt Dillard on site
 - Landfill employee designated to wash the scales and highway with the water truck during all operating hours.
 - Two landfill employee's pressure washing all exiting vehicles after utilizing the wheel wash.
 - Received 5 loads of rock.
 - Purchased an additional pressure washer.
 - Obtained an additional water truck.
- 1/16/20
 - Levi Higdon and Matt Dillard on site to oversee efforts to alleviate the mud issue.
 - Landfill employee designated to wash the scales and highway with the water truck during all operating hours.
 - Borrowed "Men Working" road signs to place on highway 72 from the City of Loudon until the ones Santek ordered are delivered.
 - Two landfill employee's pressure washing all exiting vehicles after utilizing the wheel wash.
 - Two landfill employees shoveling debris from under the guard rail on the highway.
 - Contracted two temp laborers to assist with efforts to alleviate mud issues – on site all day.
 - Obtained an additional dozer to help with efforts to alleviate mud issues.
 - Received 3 loads of rock.
- 1/17/20
 - Levi Higdon and Matt Dillard on site to oversee efforts to alleviate the mud issue.
 - Landfill employee designated to wash the scales and highway with the water truck during all operating hours.
 - Two landfill employee's pressure washing all exiting vehicles after utilizing the wheel wash.
 - Two temp laborers on site to assist with efforts to alleviate mud issues.
 - Received two loads of mulch.
 - Received an additional excavator.
- 1/20/20
 - Levi Higdon on site.
 - Two temp laborers on site to assist with efforts to alleviate mud issues.
 - Received two loads of mulch.
 - Received 6 loads of rock.
 - Obtained a street sweeper.
 - Reworked the dump site and access road.
- 1/21/20
 - Levi Higdon and Matt Dillard on site to oversee efforts to alleviate the mud issue.
 - Landfill employee designated to sweeping the highway on the street sweeper.
 - Two temp laborers on site to assist with efforts to alleviate mud issues.
 - Received 2 loads of rock.
- 1/22/20
 - Levi Higdon on site.
 - Landfill employee designated to sweeping the highway on the street sweeper.
 - Two temp laborers on site to assist with efforts to alleviate mud issues.

- 1/23/20
 - Levi Higdon on site.
 - Landfill employee designated to sweeping the highway on the street sweeper until it started to rain and then assigned to wash the scales and highway with the water truck (utilizing both water trucks).
 - Two landfill employee's pressure washing all exiting vehicles after utilizing the wheel wash.
 - Two temp laborers on site to assist with efforts to alleviate mud issues.
 - Received eight loads of rock.
- 1/24/20
 - Levi Higdon and Matt Dillard on site to oversee efforts to alleviate the mud issue.
 - Landfill employee designated to wash the scales and highway with the water truck during all operating hours.
 - Two landfill employee's pressure washing all exiting vehicles after utilizing the wheel wash.
 - Three temp laborers on site to assist with efforts to alleviate mud issues.

Matlock Bend Landfill Weekly Report

Week of January 27

January 25, 2020:



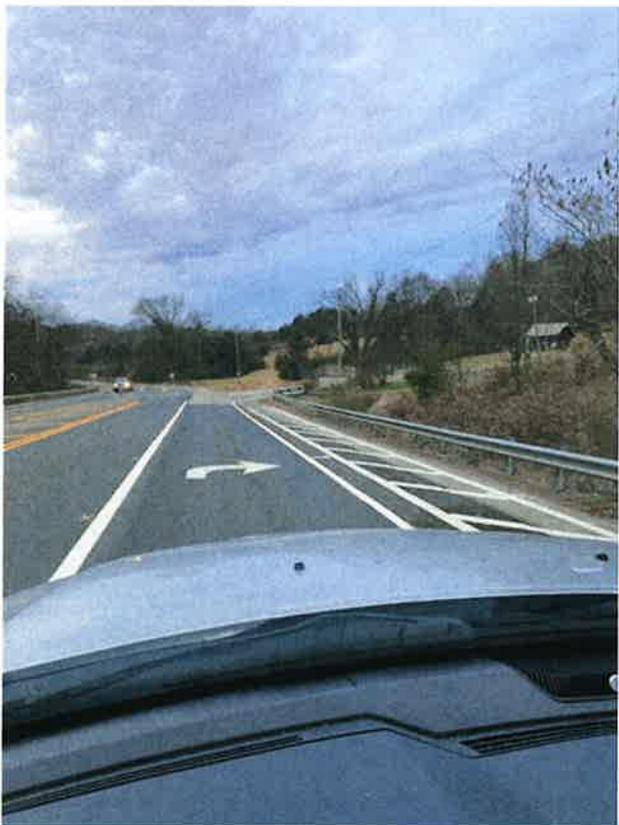
January 27, 2020:



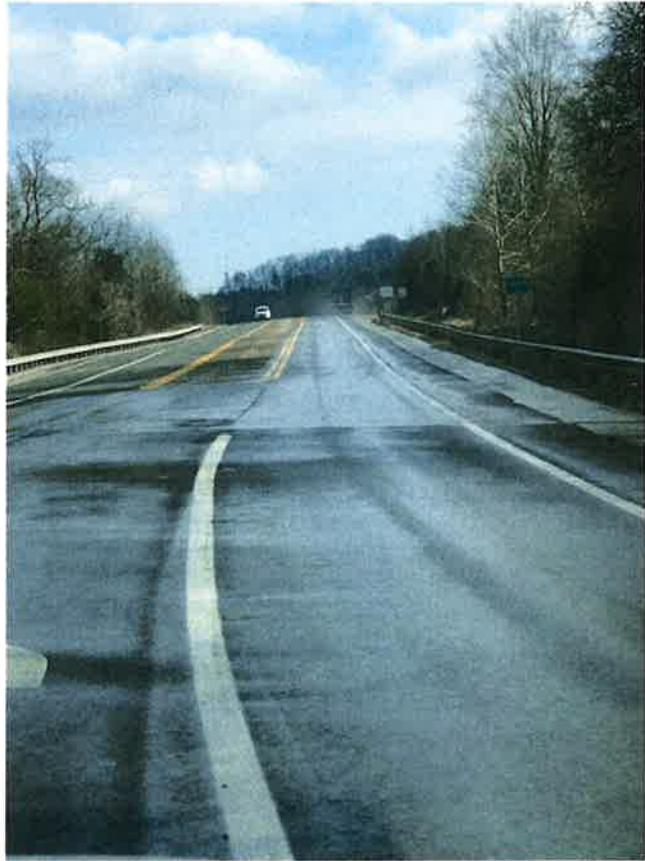
January 28, 2020:



January 29, 2020:



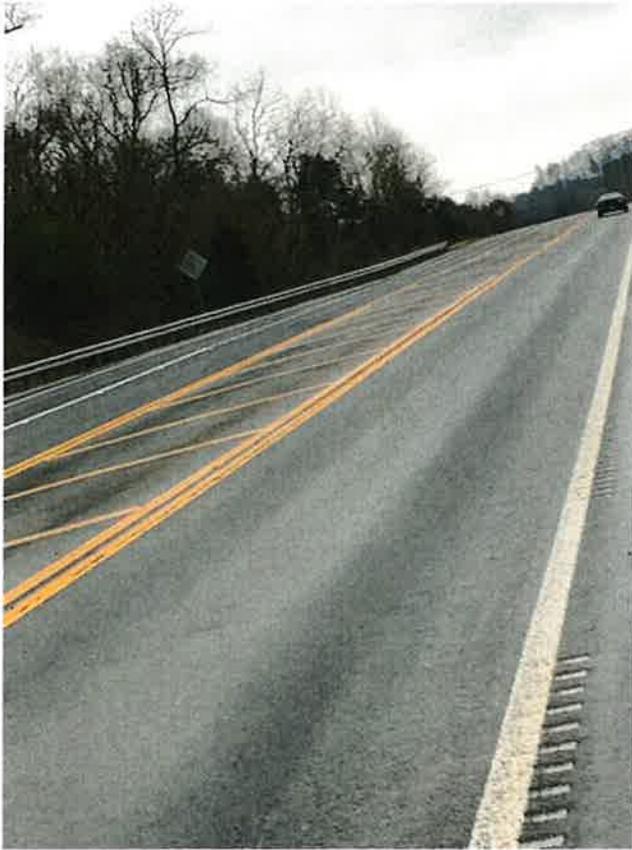
January 30, 2020:



January 31, 2020:



February 1, 2020:



Daily Operating Notes:

- 1/25/20
 - Saturday
 - Weather: sunny
 - Landfill employee designated to wash the scales and highway with the water truck during all operating hours.
 - Landfill employee pressure washing all exiting vehicles after utilizing the wheel wash.
- 1/27/20
 - Monday
 - Weather: raining
 - Received four loads of rock that were distributed on the roads leading to the working face.
 - Landfill employee designated to wash the scales and highway with the water truck during all operating hours (utilizing both water trucks).
 - Two landfill employee's pressure washing all exiting vehicles after utilizing the wheel wash.
 - One temp laborer on site to assist with efforts to alleviate mud issues.
- 1/28/20
 - Tuesday
 - Weather: raining
 - Levi Higdon on site performing internal inspection of landfill operation.
 - Received three loads of rock that were distributed amongst the tipping pad.

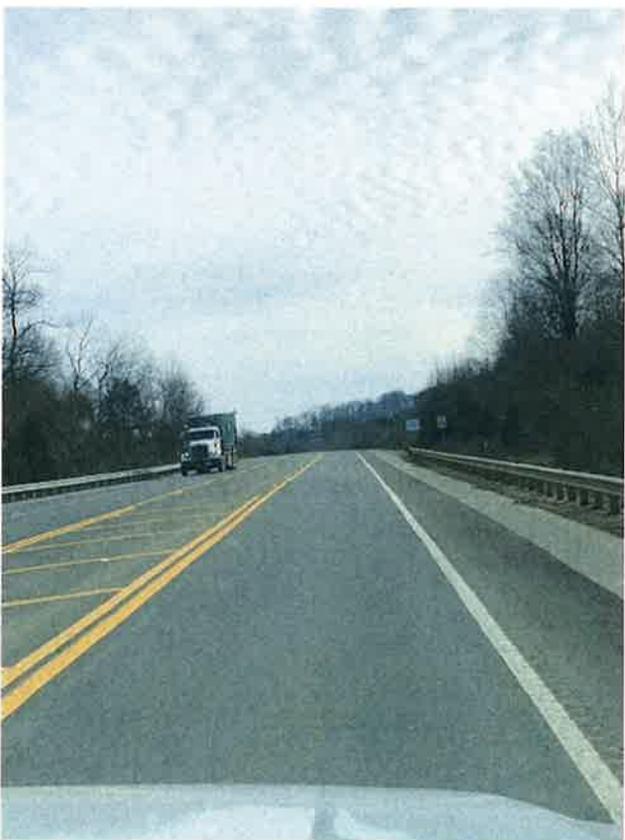
- Landfill employee designated to wash the scales and highway with the water truck during all operating hours.
- Landfill employee designated to sweeping the highway on the street sweeper.
- Two landfill employee's pressure washing all exiting vehicles after utilizing the wheel wash.
- One temp laborer on site to assist with efforts to alleviate mud issues.
- 1/29/20
 - Wednesday
 - Weather: raining
 - Landfill employee designated to sweeping the highway on the street sweeper.
 - Landfill employee designated to wash the scales and highway with the water truck during all operating hours.
 - Two landfill employee's pressure washing all exiting vehicles after utilizing the wheel wash.
 - One temp laborer on site to assist with efforts to alleviate mud issues. (requested four total, but the temp service could only provide one)
- 1/30/20
 - Thursday
 - Weather: partly cloudy
 - Levi Higdon performing internal inspection of landfill operation.
 - Ben Johnston Reached out to Larry Jameson, Tammi Bivens, and Kelly Brewster to discuss any concerns related to Highway 72 and the landfill. Ben left a voicemail for Tammi and Kelly, and spoke with Larry. Larry said the road looked great until Wednesday, but on Wednesday there were a few clumps of mud stuck to the road. Larry said even with the few clumps of mud it was better than in the past, but something to continue to focus on. Ben told Larry he would address it with Justin as soon as he got to the landfill. Ben spoke with Justin when he arrived at the landfill, and Justin spoke with the operator pointing out areas where we can continue to improve.
 - Ben Johnston and Ron Vail made a random onsite visit to Matlock Bend. Ben and Ron walked multiple areas with Justin to observe the changes made to the facility. Upon exiting, Ben and Ron utilized the wheel wash to ensure all mud was off the vehicle. The employees washing trucks were very thorough, and made sure all mud was removed from the tires, wheels, and fenders.
 - Received four loads of rock that were placed around the tipping area.
 - Landfill employee designated to sweeping the highway on the street sweeper.
 - Landfill employee designated to wash the scales and highway with the water truck during all operating hours.
 - Two landfill employee's pressure washing all exiting vehicles after utilizing the wheel wash.
 - Two temp laborers on site to assist with efforts to alleviate mud issues.
 - Justin and team worked on the road drainage around the wheel wash and other areas of the landfill to ensure water is channeled correctly.
 - Justin received another piece of equipment on Thursday, (a high lift dozer) which will help expedite the distribution of rock at the tipping area and along the haul roads.

- 1/31/20
 - Friday
 - Weather: partly cloudy
 - ***Ben Johnston reached out to Steve Field to inform him that Santek issued a PO for the Moby Dick wheel wash. Early next week Santek will discuss final details with the vendor.***
 - Landfill employee designated to sweeping the highway on the street sweeper.
 - Landfill employee designated to wash the scales and highway with the water truck during all operating hours.
 - Landfill employee designated to ensure that all exiting vehicles are utilizing the wheel wash.
 - Two temp laborers on site to assist with efforts to alleviate mud issues.
- 2/1/20
 - Saturday
 - Weather: raining
 - Justin and team began preparation for forecasted rain next week.
 - Landfill employee designated to wash the scales and highway with the water truck during all operating hours.
 - Landfill employee pressure washing all exiting vehicles after utilizing the wheel wash.

Matlock Bend Weekly Operating Report

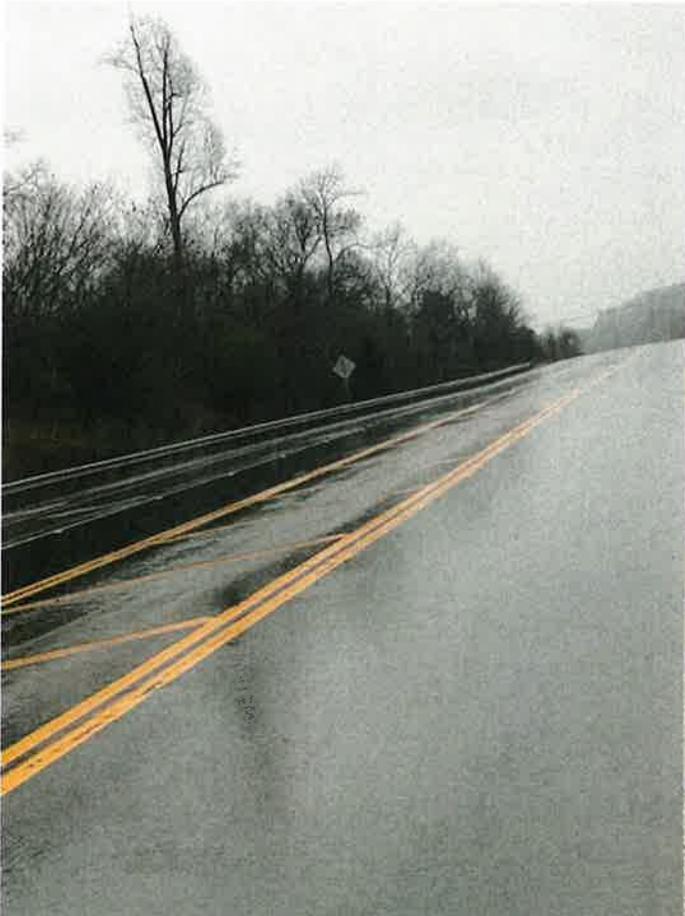
Week of February 3, 2020

February 3, 2020:





February 4, 2020:





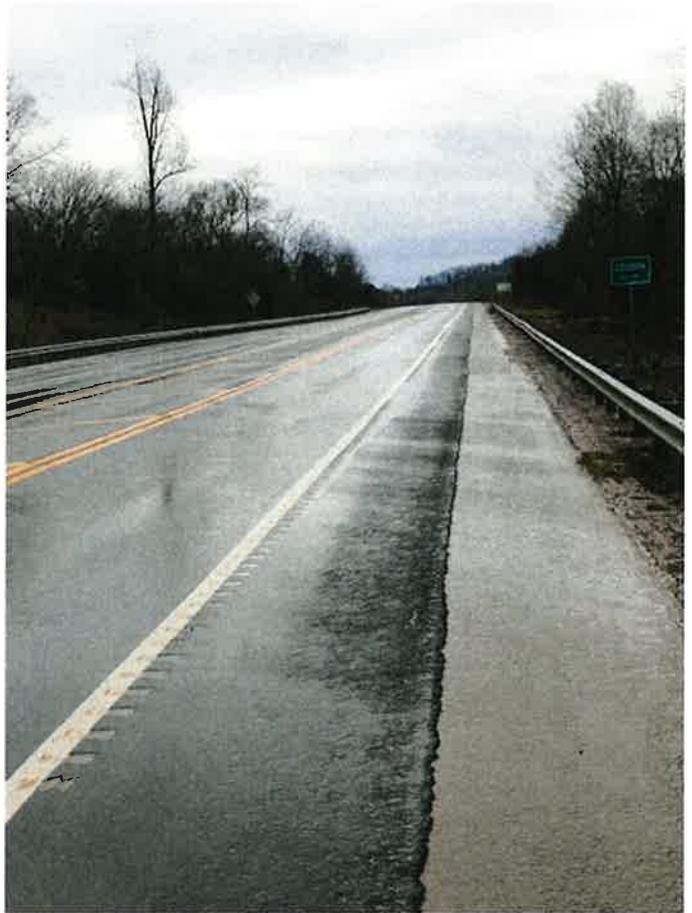
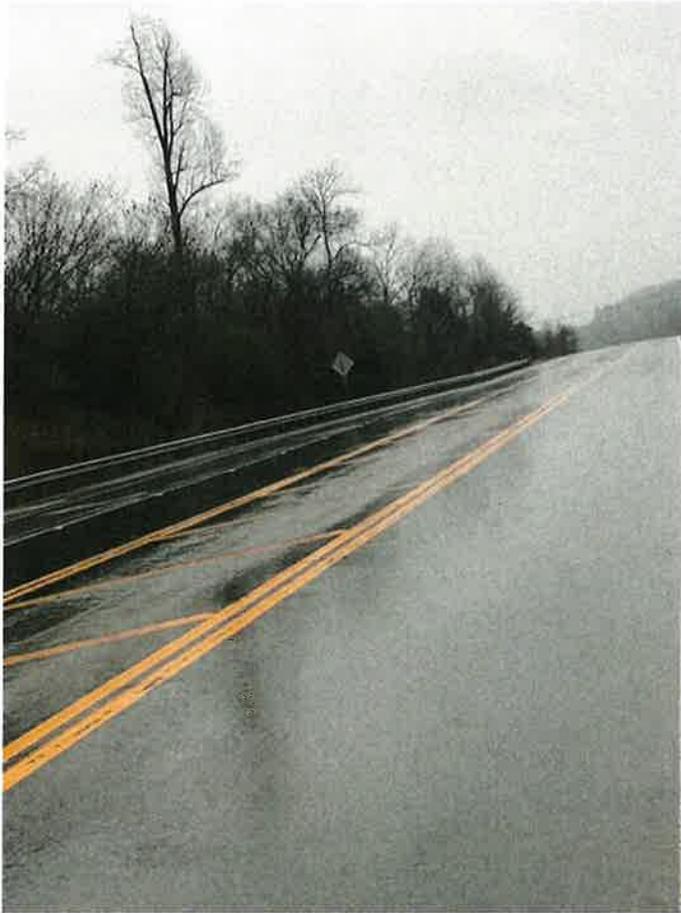


February 5, 2020:





February 6, 2020:



February 7, 2020:





February 8, 2020:



- 2/3/20
 - Monday
 - Weather: Partly Cloudy
 - Levi Higdon was on site performing random inspection.
 - Designated Landfill employee operated the sweeper majority of the day cleaning highway 72.
 - Two temp employees distributed rock amongst the haul roads in preparation for rain throughout the week.
 - Justin and team continued work on tipping pad, experimenting with various materials to keep tipping pad dry and clean.
- 2/4/20
 - Tuesday
 - Weather: raining
 - Matt Dillard on site to oversee operation and perform random inspection.
 - Designated landfill employee washed the scales and highway throughout the day, utilizing the street sweeper when necessary.
 - Gravel from the wheel wash to the scale house was cleaned periodically throughout the day with water to ensure trucks were traveling on clean gravel.
 - Two landfill employees pressured washed all vehicles exiting the wheel wash, removing any remaining mud from the tires.
 - Two temp laborers performed various tasks to ensure water was draining correctly, and distributed new rock on the landfill roads.
- 2/5/20
 - Wednesday
 - Weather: raining
 - Designated Landfill employee continued efforts washing highway 72, the scales, and gravel from the wheel wash to scale house.
 - Two employees designated to wash trucks and ensure all vehicles are utilizing the wheel wash prior to exiting the facility.
 - Two temp employees assigned to help alleviate mud concerns around the landfill, and pick up any litter blown from the working face.
 - Justin and Crew installed additional warning lights onto the water truck utilized to clean the roads.
- 2/6/20
 - Thursday
 - Weather: raining
 - Levi Higdon on site performing random inspection.
 - Landfill employee designated to wash the scales and highway with the water truck during all operating hours.
 - Two landfill employee's pressure washing all exiting vehicles after utilizing the wheel wash.
 - Two temp laborers on site to assist with efforts to alleviate mud issues.
- 2/7/20
 - Friday
 - Weather: raining / snowing
 - Ben Johnston on site talking with Justin about various landfill initiatives, and documenting condition of the landfill.

- The landfill received three loads of rock to replenish the onsite reserve utilized during rainy weather.
 - Matlock bend received a trailer capable of hauling roll-off boxes to the working face. This will allow more cash customers to utilize the dumpsters and avoid going to tipping pad as roll-off boxes can be hauled more frequently.
 - Landfill employee designated to wash the scales and highway with the water truck during all operating hours. The roads were only washed when conditions were above freezing, but the street sweeper was used consistently throughout the day.
 - Two landfill employee's pressure washing all exiting vehicles after utilizing the wheel wash.
 - Two temp laborers on site to assist with efforts to alleviate any mud related concerns.
 - Justin received information from corporate that he will receive a new street sweeper to demo. The unit will be equipped with the same capabilities as the existing sweeper, but larger.
 - Justin received concrete from a local demo job that will be utilized for additional support at the tipping pad.
 - In preparation for freezing temperatures and snow on Saturday, Justin distributed new clean rock on the landfill roads.
- 2/8/20
 - Saturday
 - Weather: snowing
 - The designated landfill employee did not operate water truck on Highway 72 or landfill roads, as temperatures were below freezing, but did utilize the street sweeper.
 - Two temp employees dispersed rock amongst haul roads.



**CAPITAL EXPENDITURE
PURCHASE ORDER E20001-LC-A
Matlock Bend Wheel Wash**

ISSUE DATE	1/31/2020
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Vendor: Moby Dick	Ship To: Matlock Bend Loudon County Landfill 21712 Highway 72 North Loudon, TN 37774 865-458-2651
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QTY	DESCRIPTION	PRICE
1	Wheel Wash	\$94,110.00
		\$94,110.00

Engineering

Taxable total	\$94,110.00
SALES TAX	0%
	<u>\$0.00</u>
	<u>\$94,110.00</u>

Authorization:

Ron Vail *RV* 1/31/20 LANDFILL MANAGER / ENGINEERING
 - Corp -
Tom White COO
Carl CFO
 _____ CEO



FRUTIGER Company AG | Stenackerstrasse 26 | CH-0409 Winterthur

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

January 30th, 2020

Offer Nr. 20190611-TH
Project: Loudon - Matlock Bend Wheel Wash

Dear Ron,

Thank you, Paul and Justin for taking the time to meet with me on May 29th, 2019 and more recently with Trey Hansen at your Matlock Bend Facility in Loudon.

- Your seeking a solution to manage the site soiling "track out" and dirty water "walk off" at your landfill site.
- Trucks using the facility are on highway vehicles.
- Our estimate confirmed by you of the site conditions worst case could be:
 - # 5 amount on tires (scale 1=low to 10 = high)
 - # 2 stickiness on tires (scale 1=low to 5 = high)
 - 200 trucks per day - usual work day 10 hours

Frutiger Company is confident we can accomplish a cleaning goal improvement of 80% or more clean tires with heaviest soiling during your typical traffic loads with a One and a half tire rotation 20' platform MobyDick KitPlus 600C – 50P Wheelwashing system.

We are pleased to submit the following proposal for your review:

- MobyDick Model ConLine Kit Plus 600C – 50P (1 ½ tire revolution wash platform 20' long) with Inground 13,000 Gallon (50 Cubic Meter) water recycling tank with solids removal being achieved through the use of a scraper conveyor and an additional 5,000 Gallon (20 Cubic Meter) tank for Pump compartment / water supply.

With this proposal we have included detailed equipment descriptions with specifications, concept drawings and brochures.

We look forward to a successful partnership and are always available to answer your questions.

Thank you once again for the opportunity to provide you this proposal.

Sincerely,,
FRUTIGER Company AG

Tim Holmes B.A., M.B.A.
Sales Director, North America
MobyDick North America
Cell: 519-589-3377
tholmes@us.mobydick.com

c.c. Paul Marks, Trey Hansen

Attachments:

- Brochure – ConLine KITPlus Brochure
- Brochure – ConLine Kit Option Brochure
- Layout: Wheel Washing System ConLine KitPlus 600C – 50 P



Y/Customer No.	-	O/Reference	Tim Holmes
Y/Inquiry	20190628	Delivery type	Truck
Y/Reference	Jon Peterson	Incoterms	DDU
Remark	MobyDick ConLine Kit Plus 600C – 50P & Kit Plus 400C – 50P		

Pos	Article No. / Designation	Qty.	Unit	Price / Unit	Total Price
1	<p>Article: MDC-100-015 Wheel Washing System MobyDick Model: ConLine KIT Plus 600 C-50P</p> <p>Hot-dip galvanized, water-carrying wash unit with splash protection walls on both sides.</p>	1	pce.	77,200.00	77,200.00
2	<p>Article: MDCO-EXCW-400 / Opt.-Code: [-EXCW-] Increased Width Model: ConLine KIT Plus</p> <p>Sidewall offset to 110 inch clear width to reduce risk of damage.</p>	1	pce.	1,700.00	1,700.00
3	<p>Article: MDCO-DOSY-0001 / Opt.-Code: [-DOSY-] Flocculent Dosing System (MobyDos Compact) Model: ConLine KIT Flex and ConLine KIT Plus</p> <p>Compact dosing system for the automatic addition of flocculent for effective and rapid treatment of the dirt-water.</p>	1	pce.	3,500.00	3,500.00
4	<p>Article: MDCO-SIWA-600 / Opt.-Code: [-SIWA-] Hot dip galvanised side walls Model: ConLine KIT Plus</p> <p>Splash protection side walls and double nozzle bars on both sides made out of hot-dip galvanised steel.</p>	1	pce.	1,200.00	1,200.00
5	<p>Article: MDCO-RAIL-600C / Opt.-Code: [-RAIL-] Safety Railing Model: ConLine KIT Plus</p> <p>Galvanised safety railing for the recycling tank(s).</p>	1	pce.	3,500.00	3,500.00
6	<p>Article: MDCO-TANK-0001 / Opt.-Code: [-TANK-] Separate Water Tank Model: ConLine KIT Flex und ConLine KIT Plus</p> <p>Separate water tank to regulate the water level in case of an absent water supply.</p>	1	pce.	8,800.00	8,800.00

Your MobyDick Sales Engineer
 Name: Tim Holmes
 Phone: (519) 589-3377
 E-mail: tholmes@us.mobydick.com



Options

6	Consulting/Supervision of equipment install, start up and training (1 trip 3 days). Installation and Start-up are quoted as one trip to the site, including labor, travel time, and expenses. Add'l trips due to reasons beyond our control to be charged to the customer, including labor, travel time & expenses.	1	Opt.	5,000.00	0.00
	Sub-Total excl. any sales taxes, permits or fees			USD	95,900.00
	10 % Discount			USD	(9,590.00)
	Estimated Freight to Loudon, Tennessee	1	Stk.	7,800.00	7,800.00
	Total Net			USD	94,110.00

Construction services

- All groundwork, such as excavation, reinforcing the substrate and underground levelling and filling work.
- Laying electrical cables and water lines to the system.
- Unloading and placing the system with a suitable device
- Connection of the main power connection to the control cabinet by an electrician.
- Secure the recycling tank against unintentional falling in if no MobyDick safety railing is ordered.
- Earthing, equipotential bonding and lightning protection of the system.
- Necessary tools and fresh water filling for commissioning the system.
- Working and deliveries that go beyond the scope of our offer, unless they have been calculated specially based on cost or offered at a flat rate price.
- Additional costs of a technical or construction-based nature due to local ordinances, as long as they are not included in the specifications.

IMPORTANT: Providing the above services is the basic requirement for a successful installation of the MobyDick Wheel Washing System. FRUTIGER reserves the right to invoice any waiting times and/or additional journeys separately at cost due to the lack of services provided by the customer.

Your MobyDick Sales Engineer

Name: Vin Holmes

Phone: (510) 580-3377

e-mail: vholmes@us.mobydick.com



Conditions

Price	<ul style="list-style-type: none"> • Net
Payment conditions upon purchase	<ul style="list-style-type: none"> • 40% Downpayment with order confirmation. • 50% on system delivery • 10% net 30 days after system start up • Optional Lease to Own available
Retention of title	<ul style="list-style-type: none"> • The goods remain the property of FRUTIGER Company AG until payment has been made in full.
Delivery time EXW (Ex Works)	<ul style="list-style-type: none"> • Approx. 18 weeks from written order and clarification of all technical details. 22 weeks to Loudon, TN.
Warranty upon purchase	<ul style="list-style-type: none"> • 24 months or 100,000 wash cycles (whichever comes first) excluding parts that have to be replaced due to normal wear.
Quality Management System	<ul style="list-style-type: none"> • According ISO 9001:2016 standard.
Offer validity	<ul style="list-style-type: none"> • Two months from the date of this offer.
Note	<ul style="list-style-type: none"> • FRUTIGER reserves the right to make changes due to technical progress.
Terms and conditions of business	<ul style="list-style-type: none"> • This offer is based on the general terms and conditions (GTC) of FRUTIGER Company AG which are available on the company website (www.mobydick.com/fileadmin/user_upload/shared/GTC.pdf)

Wheel Washing System ConLine KIT

Technical description

Wash unit containing two hot-dip galvanised, water conducting 38 cm high wash elements (left/right), consisting of a large steel structure with fixed welded angle sections (90 x 90 mm and 10 mm wall thickness), rectangular steel tubes (120 x 120 mm and 5 mm wall thickness), and plates (3 mm). Middle section consisting of solid, dual-sided slanted hot-dip galvanized corrugated metal sheets. Longitudinal plates integrated into the wash elements for concentrated direction of the wash water in a laterally extruding hot-dip galvanized cross channel with integrated gradient. Floor nozzles integrated into the angle sections and the rectangular steel tubes. Splash walls on both sides made of robust construction with huge lateral fenders up to high wheel flanks. Two side nozzle beams on each side with quick-lock coupling. MobyPump wastewater pumps, control cabinet, and optical sensor for start-up.

Recycling tank package consisting of a large steel structure with profile frame (5 mm) and plate including edge expansion (38 cm) to provide a finish with the ground level. Surface treatment (chemical cleaning, grounding for 60 my, top coat 60 my Ral 5017, traffic blue). Flow-optimised positioning of overflow weir and wash plate. Pump chamber equipped with pump brackets (painted) and access ladder (galvanised) and automatic fill level control and outlet cover for easy emptying of the tank. Galvanized multi-part safety guard rail (optional for KIT Flex) for simple assembly in the square frame section of the recycling tank. The tank construction also allows it to sustain all the forces generated by a passing loaded lorry when it is in an empty state.

Your MobyDick Sales Engineer
 Name: Tim Holmes
 Phone: (519) 589-3377
 E-mail: tholmes@us.mobydick.com



Scope of delivery:

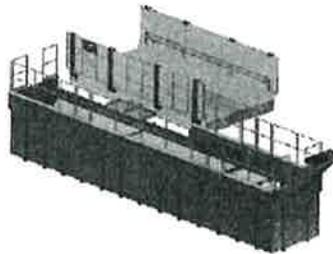
Article: **MDC-100-015**

Model: ConLine KIT Plus 600 C-50P

- 1 Central wash unit 6 meters with nozzle configuration
- 1 Double side spray bar per side
- 1 Control cabinet
- 1 Automatic starting optical sensor
- 3 MobyPump washing pumps, 2'500 l/min each
- 1 Recycling tank package, 50 m³ parallel
- 1 Additional 20 M³ Recycling Tank
- 1 In ground recycling tank height extension
- 1 Safety railing for recycling tank
- 1 Scraper conveyor for recycling tank

Specifications:

Length of wash unit	600 cm	19' 8"	ft.
Clear drive through width of the wash unit (lane)	320 cm	126	in
Maximum axle load	15 t	15	t
Height of splash protection side walls	136 cm	53.5	In
Nozzles (Core diameter min. 7 mm)	226 Pcs.	226	pcs.
Nozzle bars per side	2 Pcs.	2	pcs.
Recycling tank volume	50,0 m ³	13,000	gal
Usable volume of operating water	30,0 m ³	8,000	gal
Sedimentation area of the recycling tank	25,5 m ²	275	sq ft
Discharge height of scraper conveyor above ground	105 cm	42	In
Maximum pump performance	7,5 m ³ /min	1981	gal/min
Connected electrical load of the entire system	17,1 kW	23	hp
Sound emission	< 75 dB	< 75	dB



KIT Plus 600 C-50P (Scraper Conveyor)

Your MobyDick Sales Engineer

Name: Tim Holmes

Phone: (510) 589-3377

E-mail: tholmes@us.mobydick.com



EC Declaration of Conformity

The MobyDick® tyre wash system described above conforms to the provisions of the following directives and norms, including their amendments.



- 2006/42/EC:2009, Machinery Directive
- 2004/18/EC:2004, EMC Directive
- EN 60204-1, Electrical equipment of machines
- EN 60439-1, Low-voltage switchgear assemblies

It also fulfils Directive 2014/35/EU:2014 in accordance with Annex I No. 1.5.1 MD 2006/42/EC with regard to its safety objectives.

Your MobyDick Sales Engineer
Name: Tim Holmes
Phone: (519) 589-3377
E-mail: tholmes@us.mobydick.com

Matlock Bend Landfill – User Compliance Log

Thursday November 14, 2019:

- A driver for the City of Loudon refused to drive his truck (3025) through the wheel wash, despite being asked by two separate landfill employees. He then exited the landfill, having not been through the wheel wash. His manager was called and the driver has since complied with the landfill policies.
- The landfill had the monthly TDEC random inspection and was not found to be in any violation.

Monday December 2, 2019:

- A cash customer driving a truck and trailer refused to drive through the wheel wash. He was stopped by a landfill employee who was tasked with monitoring the wheel wash and then again by the scale attendant; however, he continued to refuse to comply. He exited the landfill, having not been through the wheel wash. Management was made aware immediately.

Saturday December 7, 2019

- Kaitlyn Hampton emailed Ben Johnston photos of the highway, scales, and entrance/exit to the landfill, per his request. The last truck for the day exited the landfill at 12:22 pm and photos were taken after closing at 12:32 pm. (pictures attached)

December 9, 2019:

- A driver for Lenoir City refused to drive his truck (LC19) through the wheel wash, despite being stopped by a landfill employee who was tasked with monitoring the wheel wash. He was then asked by the scale attendant to circle back and go through the wheel wash, but continued to refuse. He exited the landfill, having not been through the wheel wash. His manager was called.

December 12, 2019

- Cash paying customer skipped the wheel wash and pressure washing station. Employees had set traffic cones to show drivers where to go and keep them from skipping the wheel wash, but the driver ran over both of the traffic cones upon exit. He exited the landfill having not been through the wheel wash after being asked to return to wheel wash by multiple employees.

December 13, 2019

- City of Loudon Driver did not check to make sure his load was empty before leaving the working face, which led to garbage being spilled outside of the containment area and on the road. Santek had to clean up garbage and remove gravel from the road that Santek had put down an hour before the incident.

December 16, 2019

- Waste Management Driver exited the landfill and was ticketed for tracking mud onto the highway after bypassing the wheel wash. His supervisor was contacted.

- From 7:30am until 11am Santek did not have any water to wash the road and clean out wheel wash due to an error by a Santek employee. The water source was fixed at 11am.

January 7, 2020

- A Waste Management driver drove off the side of the gravel road and into an area of mud after exiting the wheel wash. He then exited the landfill, having not been back through the wheel wash. Justin spoke to the driver on a return visit and notified his supervisor.

January 8, 2020

- A Santek driver exited the landfill after failing to go through the wheel wash. The wheel wash attendant was on lunch break, so the driver bypassed the wheel wash. Ben Johnston reached out to his manager, and the driver was disciplined accordingly. The following morning during our driver meeting, the manager for this division spoke with all drivers and reminded them of our policy at Matlock Bend. All Santek driver as well as any other driver entering the landfill are required to utilize the wheel wash unless told differently.
- Larry Jameson witnessed the Santek truck exiting the landfill and notified Ben Johnston and Justin Givens to address the issue.