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**Monthly Operations Report**  
**Matlock Bend Landfill**  
**May 12, 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
  - H. Quarterly Landfill Origin Report
  
- II. AIRSPACE UTILIZATION SCHEDULE**
  
- III. HOST & SECURITY FEES**
  
- IV. 2019 TDEC APR REPORT**
  
- V. ANNUAL ENGINEERING REPORT**
  
- VI. WEEKLY OPERATING REPORTS**

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

**MATLOCK BEND LANDFILL**

MONTH	2019	2020	2019 TO 2020
JANUARY	13,578.63	15,673.95	2,095.32
FEBRUARY	11,770.32	14,263.17	2,492.85
MARCH	13,291.24	16,251.35	2,960.11
APRIL	14,140.50	9,791.81	(4,348.69)
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	52,780.69	55,980.28	3,199.59

**DAILY AVG FOR ANY  
RUNNING 30 DAY PERIOD**      **326.39**

**LOUDON COUNTY**

MONTH	2019	2020	2019 TO 2020
JANUARY	489.09	514.88	25.79
FEBRUARY	437.25	455.37	18.12
MARCH	527.14	598.09	70.95
APRIL	523.08	635.96	112.88
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	1,976.56	2,204.30	227.74

**DAILY AVG FOR 22.5  
DAY PERIOD**      **435.19**

**LENOIR CITY**

MONTH	2019	2020	2019 TO 2020
JANUARY	359.51	375.20	15.69
FEBRUARY	310.75	339.26	28.51
MARCH	364.95	472.11	107.16
APRIL	399.46	564.05	164.59
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	1,434.67	1,750.62	315.95

**CITY OF LOUDON**

MONTH	2019	2020	2019 TO 2020
JANUARY	434.56	457.31	22.75
FEBRUARY	367.36	391.61	24.25
MARCH	434.95	486.81	51.86
APRIL	450.53	492.81	42.28
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	1,687.40	1,828.54	141.14

**WASTE SERVICES OF TN**

MONTH	2019	2020	2019 TO 2020
JANUARY	2,912.60	3,339.43	426.83
FEBRUARY	2,545.03	2,998.43	453.40
MARCH	2,954.94	3,467.07	512.13
APRIL	3,275.88	3,382.68	106.80
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	11,688.45	13,187.61	1,499.16

**TENNESSEE TRASH**

MONTH	2019	2020	2019 TO 2020
JANUARY	5,184.96	0.00	(5,184.96)
FEBRUARY	4,252.39	0.00	(4,252.39)
MARCH	5,009.22	0.00	(5,009.22)
APRIL	5,315.21	0.00	(5,315.21)
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	19,761.78	0.00	(19,761.78)

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

**MARION ENVIRONMENTAL - TVA ASB**

MONTH	2019	2020	2019 TO 2020
DECEMBER '19	0.00	1,680.26	1,680.26
JANUARY	0.00	6,212.69	6,212.69
FEBRUARY	0.00	5,667.71	5,667.71
MARCH	0.00	5,769.39	5,769.39
APRIL	0.00	0.62	0.62
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	19,330.67	19,330.67

Choose Inspection Type...

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

**CLASS I  
FACILITY**

SITE		DATE 4/22/2020	TIME 09:59	WEATHER 57, sun
Loudon County Landfill SNL530000203 21712 Highway 72 North Loudon				EFO KNOX
*SEE DISCLAIMER ON LAST PAGE				
VIOLATION		REGULATION		OBSERVATION NVO AOC V1 V2
<b>BUFFER ZONE STANDARDS FOR SITING LANDFILLS</b>				
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				
<b>COLLECTED LEACHATE</b>				
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				
<b>COMMUNICATIONS</b>				
8130	NO COMMUNICATION DEVICES	0400-11-01-.04(2)(f)		? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
<b>COVER MATERIAL</b>				
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				
<b>DEAD ANIMALS</b>				
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				
<b>DUST CONTROL</b>				
8190	INADEQUATE DUST CONTROL	0400-11-01-.04(2)(j)		? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
<b>DUTY TO PROVIDE INFORMATION</b>				



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

\*SEE DISCLAIMER ON LAST PAGE

VIOLATION		REGULATION	OBSERVATION			
			NVO	AOC	V1	V2
<b>GENERAL FACILITY STANDARDS</b>						
<b>8040</b>	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						
<b>8050</b>	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						
<b>8060</b>	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						
<b>8070</b>	UNAPPROVED SALVAGING OF WASTE	0400-11-01-.04(2)(b)6	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>LITTER CONTROL</b>						
<b>8110</b>	UNSATISFACTORY LITTER CONTROL	0400-11-01-.04(2)(d)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>OPERATING EQUIPMENT</b>						
<b>8140</b>	INADEQUATE OPERATING EQUIPMENT	0400-11-01-.04(2)(g)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>8150</b>	UNAVAILABILITY OF BACKUP EQUIPMENT	0400-11-01-.04(2)(g)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>OVERALL PERFORMANCE STANDARD</b>						
<b>8270</b>	EXPOSED SOLID WASTE	0400-11-01-.04(2)(a)(3)	?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS						
<b>8320</b>	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 DISCLAIMER ON LAST PAGE			
VIOLATION		REGULATION	OBSERVATION NVO AOC V1 V2
<b>OVERALL PERFORMANCE STANDARD</b>			
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(ii)	? <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			
<b>PERMANENT BENCHMARK</b>			
8280	NO PERMANENT BENCHMARK	0400-11-01-.04(2)(a)	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
<b>PERSONNEL SERVICES</b>			
8120	INADEQUATE EMPLOYEE FACILITIES	0400-11-01-.04(2)(e)	? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS			
<b>PROPER OPERATION AND MAINTENANCE</b>			
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			

*SEE DISCLAIMER ON LAST PAGE				
VIOLATION		REGULATION	OBSERVATION NVO AOC V1 V2	
<b>RANDOM INSPECTION PROGRAM</b>				
8290	INADEQUATE RANDOM INSPECTION PROGRAM	0400-11-01-.04(2)(s)	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
<b>RECORDS OF ORIGIN AND AMOUNT OF SOLID WASTE</b>				
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"/> <input type="checkbox"/>
COMMENTS				
<b>RUN-ON, RUN-OFF, AND EROSION CONTROL</b>				
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"/> <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"/> <input type="checkbox"/>
COMMENTS				
<b>SPECIAL WASTE APPROVAL PROCESS</b>				
8300	MISHANDLING OF SPECIAL WASTE	0400-11-01-.01(4)(d)1	?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
COMMENTS				
<b>UNLAWFUL METHODS OF DISPOSAL</b>				
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"/> <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"/> <input type="checkbox"/>
COMMENTS				
<b>WASTE HANDLING AND COVER STANDARDS</b>				
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"/> <input type="checkbox"/>
COMMENTS				



*SEE DISCLAIMER ON LAST PAGE				
VIOLATION		REGULATION	OBSERVATION NVO AOC V1 V2	
<b>WASTE HANDLING AND COVER STANDARDS</b>				
<b>8440</b>	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				
<b>8450</b>	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				
<b>8460</b>	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				
<b>8470</b>	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				
<b>8480</b>	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				
<b>8510</b>	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				
<b>WASTE RESTRICTIONS</b>				
<b>8210</b>	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				
<b>8220</b>	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				

*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"/> <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"/> <input type="checkbox"/>
COMMENTS				

LEACHATE LEVELS

Tank: 4  
Sump: 27.5

*\*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=DSWM, email=ryan.miller@dswm.gov, c=US  
Date: 2020.08.01 16:40:21 -0400

**Materials Classification Report**  
**Matlock Bend Landfill**  
**Monthly Tonnage Summary April 2020**

Material	Tonnage	2017 Sludge %		2018 Sludge %	
<b>MSW</b>					
MSW	8,552	January	5%	January	4%
		February	8%	February	4%
		March	8%	March	5%
		April	7%	April	6%
		May	4%	May	8%
		June	2%	June	9%
		July	3%	July	6%
		August	4%	August	4%
		September	7%	September	2%
		October	8%	October	2%
		November	6%	November	5%
		December	5%	December	5%
<b>Special Waste</b>					
Other	859				
Ash	0				
Sludge	381				
<b>Total Special Waste</b>	<b>1,240</b>				
<b>Total MSW &amp; SW</b>	<b>9,792</b>				
Tires	43				
<b>Total Material</b>	<b>9,835</b>				
<b>% MSW</b>	<b>87%</b>				
<b>% Special Waste</b>	<b>13%</b>				
<b>% Sludge</b>	<b>4%</b>				

2019 Sludge %		2020 Sludge %	
January	5%	January	5%
February	5%	February	4%
March	4%	March	4%
April	4%	April	4%
May	3%	May	
June	6%	June	
July	5%	July	
August	4%	August	
September	4%	September	
October	3%	October	
November	4%	November	
December	7%	December	

## 2020 Loudon MSW and Special Waste Analysis

[illegible]



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

<b>Month</b>	<b>Tonnage</b>
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	18.84
Mar-20	30.73
Apr-20	49.76
May-20	
Jun-20	
<b>Total (tons)</b>	<b>309.81</b>



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	2020
QUARTER	<input checked="" type="checkbox"/> Q1 JAN - MAR <input type="checkbox"/> Q2 APR - JUN <input type="checkbox"/> Q3 JUL - SEP <input type="checkbox"/> Q4 OCT - DEC

QUARTERLY SOLID WASTE SURCHARGE AND FACILITY INSPECTION FEE REPORT

1. FACILITY INFORMATION

FACILITY ID	SNL 53-103-0203		
FACILITY NAME	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 / Santeek Environmental LLC	423-303-7101	j.miller@santeekwaste.com	

2. FEE CALCULATION

LINE	DESCRIPTION	FORMULA	AMOUNT	LINE
LINE 1	AMOUNT OF WASTE RECEIVED	FIRST MONTH OF REPORTING QUARTER	15,673.95 TONS	1
LINE 2	AMOUNT OF WASTE RECEIVED	SECOND MONTH OF REPORTING QUARTER	14,263.17 TONS	2
LINE 3	AMOUNT OF WASTE RECEIVED	THIRD MONTH OF REPORTING QUARTER	16,257.35 TONS	3
LINE 4	TOTAL AMOUNT OF WASTE RECEIVED	ADD LINE 1 + LINE 2 + LINE 3	46,188.47 TONS	4
LINE 5	SURCHARGE	MULTIPLY LINE 4 X .90	41,569.63	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	415.70	6
LINE 7	SUBTOTAL	SUBTRACT LINE 6 FROM LINE 5	41,153.93	7
LINE 8	FACILITY INSPECTION FEE	MULTIPLY LINE 4 X .35	16,165.97	8
LINE 9	SUBTOTAL	ADD LINE 7 + LINE 8	57,319.90	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	\$ 57,319.90	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.

 SIGNATURE OF OWNER / OPERATOR	Jamie Miller PRINTED NAME
Staff Accountant TITLE	4/17/20 DATE SIGNED

# LANDFILL ORIGIN REPORT

QUARTER 1 (JAN TO MARCH) | 2020

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 (\$):  
(one here)

(If you have more than one tipping fee for material going into the Class I landfill, enter the second

## 1. Origin of Waste

Waste Received From: \*

☒ County

☐ Transfer Station

☐ Out of State

Select County: \*

Anderson

Amount of Waste Received (Tons): \*

75.85

Comments:

## 2. Origin of Waste

Waste Received From: \*

☒ County

☐ Transfer Station

☐ Out of State

Select County: \*

Blount

Amount of Waste Received (Tons): \*

150.64

Comments:

## 3. Origin of Waste

Waste Received From: \*

☒ County

☐ Transfer Station

☐ Out of State

Select County: \*

Knox

Amount of Waste Received (Tons): \*

1,041.73

Comments:

## 4. Origin of Waste

Waste Received From: \*

☒ County

☐ Transfer Station

☐ Out of State

Select County: \*

Loudon

Amount of Waste Received (Tons): \*

23,791.54

Comments:



### 5. Origin of Waste

Waste Received From: \*

☒ County

☐ Transfer Station

☐ Out of State

Select County: \*

McMinn

Amount of Waste Received (Tons): \*

115.25

Comments:

### 6. Origin of Waste

Waste Received From: \*

☒ County

☐ Transfer Station

☐ Out of State

Select County: \*

Meigs

Amount of Waste Received (Tons): \*

8.76

Comments:

### 7. Origin of Waste

Waste Received From: \*

☒ County

☐ Transfer Station

☐ Out of State

Select County: \*

Monroe

Amount of Waste Received (Tons): \*

783.58

Comments:

### 8. Origin of Waste

Waste Received From: \*

☒ County

☐ Transfer Station

☐ Out of State

Select County: \*

Roane

Amount of Waste Received (Tons): \*

20,179.24

Comments:

SPW-Event job came in during the 1st quarter Marion Environmental

## 9. Origin of Waste

Waste Received From: \*

☒ County

☐ Transfer Station

☐ Out of State

Select County: \*

Rhea

Amount of Waste Received (Tons): \*

41.88

Comments:

SPW-Event job brought in 20 tons

Total Waste Received (Tons):

46,188.47

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: Apr 22, 2020 at 02:24 PM CDT by jmillers@santekenviro.com

Response last updated on: Apr 22, 2020 at 02:24 PM CDT by jmillers@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 2020	Q2 2020	Q3 2020	Q4 2020	YTD Total
Anderson	County	75.85				75.85
Knox	County	1,041.73				1,041.73
Loudon	County	23,791.54				23,791.54
McMinn	County	115.25				115.25
Monroe	County	783.58				783.58
Roane	County	20,179.24				20,179.24
Blount	County	150.64				150.64
Meigs	County	8.76				8.76
Rhea	County	41.88				41.88
Bradley	County	0.00				0.00
		46,188.47	0.00	0.00	0.00	46,188.47

# **Matlock Bend Landfill - Module E** **2020 Airspace Projection / Construction Schedule**

DATE	REMAINING AIRSPACE <sup>1</sup> (CY)	MONTHLY TONNAGE	ACTUAL / PROJECTED <sup>2</sup>	UTILIZATION FACTOR	MONTHLY VOLUME CONSUMED (CY)	ENDING MONTHLY REMAINING AIRSPACE (CY)
		13,473		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	-	14,289	A	1.28	18,290	638,190
March	-	16,294	A	1.28	20,856	617,333
April	-	9,835	A	1.28	12,589	604,745
May	-	13,473	P	1.28	17,245	587,500
June	-	13,473	P	1.28	17,245	570,255
July	-	13,473	P	1.28	17,245	553,010
August	-	13,473	P	1.28	17,245	535,765
September	-	13,473	P	1.28	17,245	518,520
October	-	13,473	P	1.28	17,245	501,275
November	-	13,473	P	1.28	17,245	484,030
December	-	13,473	P	1.28	17,245	466,785

<sup>1</sup> = Remaining airspace based on May 6, 2019 aerial survey.

Full Date

April-2023

<sup>2</sup> = Projected tonnages are based on a 3 month average.

<sup>3</sup> = 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

February	14,289
March	16,294
April	9,835
<b>Average</b>	<b>13,473</b>

cc: Tim  
Matt  
Paul  
Ben  
Justin  
Mark





650 25<sup>th</sup> Street NW, Ste 100  
Cleveland, TN 37311

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

May 11, 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 April 1, 2020 to April 30, 2020:

Host Fees (Greater of below) –	
Total Tip Fees Billed	\$240,947.58
Host Fee Percentage	3.96%
	\$ 9,541.52
Minimum Fee	<u>\$ 10,560.00</u>
Security Fees (Greater of below) –	
Total Tonnage Received	9,971.81
Rate per ton	\$ 1.00
Total	\$ 9,791.81
Total Tip Fees Billed	\$240,947.58
Security Fee Percentage	5.00%
	<u>\$ 12,047.38</u>

Our checks in payment of the above fees have been remitted to the above address for the Commission. Should you have any questions or need additional information, please let me know.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mark C. Mathys", with a long horizontal line extending to the right.

Mark C. Mathys  
Vice President of Finance & Corporate Controller

## ADMINISTRATIVE CONTACT INFORMATION

ANNUAL | 2019

Member Name: Loudon  
Member Alias: Loudon  
APR

### Regional Planning Contacts

#### Planning Region Report Author

Report Author: \* Ben Johnston

Author Title:

Organization: \* Santek Waste Services

Address: \* 650 25th St. N.W. Suite 100

City: Cleveland

Zip: \* 37311

Phone: \* (423)303-7115 (###)###-#### ext. ###

Mobile: (###)###-#### ext. ###

Email: \* bjohnston@santekwasteservices.com

#### Solid Waste Regional Planning Board or Part 9 Authority

Chair: \* Steve Field

Address: \* 100 River Road Box 109

City: Loudon

Zip: \* 37774

Phone: \* 865-576-1057 (###)###-#### ext. ###

Mobile: (###)###-#### ext. ###

Email: \* lcswdc\_chair@loudoncounty-tn.gov

Term Expires: 03/01/2024

#### Planning Board

##### Solid Waste Regional Planning Board Member or Part 9 Board Member \*

Kelly Littleton-Brewster

##### Jurisdiction \*

1st District

##### Term Expires

03/01/2022

##### Contact Method:

☐ Phone ☒ Email ☐ Address

Email:  
klj2403@aol.com

Planning Board

Solid Waste Regional Planning Board Member or Part 9 Board Member \*

Art Stewart

Jurisdiction \*

2nd District

Term Expires

03/01/2023

Contact Method:

☐ Phone ☒ Email ☐ Address

Email:  
astewall@utk.edu

Planning Board

Solid Waste Regional Planning Board Member or Part 9 Board Member \*

Larry Jameson

Jurisdiction \*

6th District

Term Expires

03/01/2024

Contact Method:

☐ Phone ☒ Email ☐ Address

Email:  
larryj@loudontrucking.com

Planning Board

Solid Waste Regional Planning Board Member or Part 9 Board Member \*

Bruce Hamilton

Jurisdiction \*

7th District

Term Expires

03/01/2020

Contact Method:

☐ Phone ☒ Email ☐ Address

Email:  
Bruceh4@bellsouth.net

Planning Board

Solid Waste Regional Planning Board Member or Part 9 Board Member \*

John Watkins

Jurisdiction \*

4th District

Term Expires

03/01/2020

Contact Method:

☐ Phone

☒ Email

☐ Address

Email:

riesling4@aol.com

#### Planning Board

Solid Waste Regional Planning Board Member or Part 9 Board Member \*

Tammil Bivens

Jurisdiction \*

3rd District

Term Expires

03/01/2022

Contact Method:

☐ Phone

☒ Email

☐ Address

Email:

tammibivens@outlook.com

#### Local Government Contacts

Local Government Mayor or Executive: \* Buddy Bradshaw

Title: Mayor

Address: \* 100 River Road, Suite 106

City: Loudon

Zip: \* 37774

Phone: \* 865-458-4654 (###)###-#### ext. ####

Mobile: (###)###-#### ext. ####

Email: bradshawb@loudoncounty-tn.gov

Solid Waste Director:

Title:

Organization:

Address:

City:



Zip:

Phone:

(###)###-#### ext. ####

Mobile:

(###)###-#### ext. ####

Email:

Recycling Coordinator:

Title:

Organization:

Address:

City:

Zip:

Phone:

(###)###-#### ext. ####

Mobile:

(###)###-#### ext. ####

Email:

## 1. Other Key Contacts

Name:

Chris Parks

Title:

Convenience Center Director

Organization:

Loudon County

Address:

500 Halls Ferry Road

Address 2:

City:

Lenoir City

State:

Tennessee

Zip:

37771

Email:

parksc@loudoncounty-tn.gov

Work Phone:

865-988-7558

Cell Phone:

865-317-0500

Area of Responsibility (Check all that apply):

☒ Recycling

☒ Solid Waste

☒ Education and Outreach

☐ Tires

☒ HHW

☐ Elected Official

## 10 YEAR AND PLAN UPDATE

ANNUAL | 2019

Member Name: Loudon  
Member Alias: Loudon  
APR

Each Region submitted an original 10 Year Plan detailing the roles and responsibilities of those who provide solid waste and materials management services. Tennessee Code Annotated §68-211-814(a)(3) and Rule 0400-11-01-.09(3)(j) require each Region to submit an annual progress report covering the next ten (10) years that serves as routine update to the Region's original 10 Year Plan. Similarly, Rule 0400-11-01-.09(3)(d) requires each county to develop a comprehensive integrative municipal solid waste management plan consistent with the 2015 – 2025 Solid Waste and Materials Management State Plan. Each county comprehensive integrative municipal solid waste management plan then modifies, updates and contributes to each Regions' Plan, Rules 0400-11-01-.09(3)(e). Information provided in the following fields will serve as the county's comprehensive integrative municipal solid waste management plan which informs updates to each Region's annual progress report.

The Department understands that not all elements of the Plan change year to year. When answering the following questions, county/counties within the Region may elect to answer "No Update Required". By choosing this option, the county's contribution to the Region's last update to the Department will be the most current 10 Year Planning Update. We encourage the Region to think about its plans for the next 10 Years and the updates needed to amend its original plan.

Thinking over the next 10 years, will any of the contents of the current Regional Plan need to be updated? The contents of the Municipal Solid Waste Region Plans, described in §68-211-815(b), are listed below. By selecting yes, there will be an opportunity to amend the section. By selecting no, the system will bring forward the last update and make it most current amendment. Tennessee Code Annotated requires Region plan amendments shall be consistent with the state solid waste plan.

☒ Yes

☐ No

Select each section(s) the Region would like to amend:

☐ Demographics

☐ Current System Analysis

☐ Adoption of the uniform financial accounting system required by §68-211-874

☐ Anticipated growth trends for the next ten-year period

☐ Anticipated waste capacity needs

☐ Planned capacity assurance, including descriptions of planned or needed facilities

☐ A recycling plan, including a description of current public and private recycling efforts and planned efforts to enhance recycling within the county or region

☒ A plan for the disposal of household hazardous wastes

☐ A description of waste reduction and recycling activities designed to attain the goal required by §68-211-861

☐ A description of education initiatives aimed at businesses, industries, schools, citizens and others; which addresses recycling, waste reduction, collection and other goals

☐ An evaluation of multi-county solid waste disposal region options with an explanation of the reasons for adopting or failing to adopt a multi-county regional approach

☐ A timetable for implementation of the plan

☐ A description of the responsibilities of the various participating jurisdictions

☐ A plan for managing solid waste generated as a result of disasters or emergencies, based upon the FEMA 325 Public Assistance Program

## A Plan for the Disposal of Household Hazardous Wastes

Previous Year's HHW Event Pounds: 18,092

Previous Year's Participation: 130

Are there any new collection sites added for Batteries, Oil, Paint, Antifreeze and Electronics? For temporary HHW infrastructure collection sites, please provide the number of households that utilized the service.

N/A

### Additional Information:

RMW confirmed or modified 4/2/20 and 4/5/20

Response created on: Feb 13, 2020 at 03:15 PM EST by bjohnston@santekwasteservices.com

Response last updated on: Apr 8, 2020 at 08:24 AM EDT by Bishop.Wagener@tn.gov

# ANNUAL PROGRESS REPORT

ANNUAL | 2019

Member Name: Loudon

Member Alias: Loudon  
APR

## Page 1

- Convenience Centers

## Page 2

- Public Collection with Green Box

## Page 3

- Publicly operated municipal solid waste curbside programs

## Page 4

- Publicly operated curbside recycling programs

## Page 5

- Publicly operated recycling drop-off locations
- Recovery Businesses
- Restrictions or Bans

## Page 6

- Obstacles that apply to expanding recycling
- Management of Organics
- Assistance for Backyard Composting
- Disaster Debris or Storm Event

## Page 7

- Recycling Services for Other Entities Beside Residents
- Collect, transport and dispose of municipal solid waste
- Collect, transport and process or recycling of commodities

## Page 8

- Education Efforts
- Program Funding
- Program Costs

## Page 9

- Contracting Out of Services
- Solid Waste and Recycling Services
- Additional Reports or Documents

## 1. Convenience Centers

Are there permitted convenience centers in the county or its municipalities? \*

☒ Yes

☐ No

Permitted Convenience Center Name: \*

Lenoir City Convenience Center

Name not listed on the permit (Common Name):

Address: \*

500 Halls Ferry Road

City: \*

Lenoir City

Zip: \*

37771

Permit: \*

CCC530000363 CCCXXXXXXXX

Phone Number: \*

(865)988-7558 (xxx) xxx-xxxx

Select days of operation: \*

☐ Sunday

☒ Monday

☒ Tuesday

☒ Wednesday

☒ Thursday

☒ Friday

☒ Saturday



Enter hours of operation, and include if there are split times and/or mid-day closures: \*

Monday-Saturday 7:00 a.m. to 6:00 p.m.

Does this site collect materials beside household garbage? \*

☒ Yes

☐ No

What materials are collected? \*

☒ Metals

☒ Paper

☐ Glass

☒ Batteries

☒ Plastic

☐ Textiles

☒ Pallets

☐ Tires

☒ Used Oil

☒ Antifreeze

☒ E-Scrap

☐ Paint

☒ Other

If material is collected as 'single stream', please describe the specific materials that are included:

Number of residents that used the convenience center in 2019:

Permitted Convenience Center Name: \*

Loudon Convenience Center

Name not listed on the permit (Common Name):

Address: \*

300 Rock Quarry Road

City: \*

Loudon

Zip: \*

37774

Permit: \*

CCC530000215 CCCXXXXXXXXXX

Phone Number: \*

(865)458-8536 (xxx) xxx-xxxx

Select days of operation: \*

☐ Sunday

☒ Monday

☒ Tuesday

☒ Wednesday

☒ Thursday

☒ Friday

☒ Saturday

Enter hours of operation, and include if there are split times and/or mid-day closures: \*

Monday-Saturday 7:00 a.m. to 6:00 p.m.

Does this site collect materials beside household garbage? \*

☒ Yes

☐ No

What materials are collected? \*

- |  |  |   |   |
|--|--|---|---|
| <input checked="" type="checkbox"/> Metals   | <input checked="" type="checkbox"/> Paper      | <input type="checkbox"/> Glass              | <input checked="" type="checkbox"/> Batteries |
| <input checked="" type="checkbox"/> Plastic  | <input type="checkbox"/> Textiles              | <input checked="" type="checkbox"/> Pallets | <input type="checkbox"/> Tires                |
| <input checked="" type="checkbox"/> Used Oil | <input checked="" type="checkbox"/> Antifreeze | <input checked="" type="checkbox"/> E-Scrap | <input checked="" type="checkbox"/> Paint     |
| <input checked="" type="checkbox"/> Other    |  |   |   |

If material is collected as 'single stream', please describe the specific materials that are included:

Number of residents that used the convenience center in 2019:

Permitted Convenience Center Name: \* Greenback Convenience Center

Name not listed on the permit (Common Name):

Address: \* 3840 Highway 95  
City: \* Greenback  
Zip: \* 37742  
Permit: \* CCC530000500 CCCXXXXXXXXXX  
Phone Number: \* (865)856-2010 (XXX) XXX-XXXX

Select days of operation: \*

- ☐ Sunday  
☐ Monday  
☒ Tuesday  
☒ Wednesday  
☒ Thursday  
☒ Friday  
☒ Saturday

Enter hours of operation, and include if there are split times and/or mid-day closures: \*

Tuesday-Saturday 7:00 a.m. to 6:00 p.m.

Does this site collect materials beside household garbage? \*

- ☒ Yes  
☐ No

What materials are collected? \*

- |   |   |   |   |
|---|---|---|---|
| <input checked="" type="checkbox"/> Metals  | <input checked="" type="checkbox"/> Paper | <input type="checkbox"/> Glass              | <input checked="" type="checkbox"/> Batteries |
| <input checked="" type="checkbox"/> Plastic | <input type="checkbox"/> Textiles         | <input checked="" type="checkbox"/> Pallets | <input type="checkbox"/> Tires                |

☒ Used Oil☒ Antifreeze☒ E-Scrap☐ Paint☐ Other

If material is collected as 'single stream', please describe the specific materials that are included:

Number of residents that used the convenience center in 2019:

## 2. Public Collection with Green Box (Rule 0400-11-01-.10(5)(a))

Does the county or its municipalities operate and use unmanned county collection containers or green boxes for municipal solid waste collection? \*

☐ Yes☒ No

## 3. List publicly operated curbside municipal solid waste programs

Do residents in the county or each municipality have access to municipal solid waste curbside service(s)? \*

☒ Yes☐ No

	COUNTY/MUNICIPALITY *	HOW IS COLLECTION MANAGED? *	FREQUENCY COLLECTED *	COLLECTION METHOD *	ASIDE FROM HOUSEHOLD GARBAGE ARE RESIDENTS ABLE TO DISPOSE OF THE FOLLOWING AT THE CURB? *	HOUSEHOLDS SERVED
1	Lenoir City	<input type="checkbox"/> Publicly <input type="checkbox"/> Open Market <input type="checkbox"/> Nonexclusive Franchise <input checked="" type="checkbox"/> Contract <input type="checkbox"/> Managed Competition	<input type="radio"/> Twice a week <input checked="" type="radio"/> Once a week <input type="radio"/> Every other week	<input type="checkbox"/> Fully Automated <input type="checkbox"/> Semi-automated <input checked="" type="checkbox"/> Manual	<input checked="" type="checkbox"/> E-Scrap <input checked="" type="checkbox"/> Bulky Waste <input checked="" type="checkbox"/> White Goods <input checked="" type="checkbox"/> Brush <input checked="" type="checkbox"/> Tires <input type="checkbox"/> No	3,369
2	City of Loudon	<input checked="" type="checkbox"/> Publicly <input type="checkbox"/> Open Market <input type="checkbox"/> Nonexclusive Franchise <input type="checkbox"/> Contract <input type="checkbox"/> Managed Competition	<input checked="" type="radio"/> Twice a week <input type="radio"/> Once a week <input type="radio"/> Every other week	<input type="checkbox"/> Fully Automated <input type="checkbox"/> Semi-automated <input checked="" type="checkbox"/> Manual	<input checked="" type="checkbox"/> E-Scrap <input checked="" type="checkbox"/> Bulky Waste <input checked="" type="checkbox"/> White Goods <input checked="" type="checkbox"/> Brush <input checked="" type="checkbox"/> Tires <input type="checkbox"/> No	2,142

Provide additional explanation, if necessary:

#### 4. List publicly operated curbside recycling programs

Do residents in the county or each municipality have access to curbside recycling service(s)? \*

☐ Yes ☒ No

#### 5. List publicly operated recycling drop-off locations

Are there publicly operated recycling drop-off locations in the county or its municipalities not associated with convenience centers? \*

No

#### 6. List any recovery businesses that accept, buy, or process recyclable materials for the county or its municipalities.

Does the county or municipalities have recovery businesses that accept, buy, or process recyclable materials for the county or its municipalities? \*

Yes

	FACILITY NAME *	ADDRESS AND CITY *	ZIP CODE *	WHAT RECYCLABLE MATERIALS ARE ACCEPTED, BOUGHT, OR PROCESSED? *	HOW ARE RECYCLABLE MATERIALS SORTED BEFORE BEING SENT TO SPECIFIC RECOVERY BUSINESS? *	HOW ARE RECYCLABLE MATERIALS PRICED? *
1	WestRock	1906 3rd Creek Road, Knoxville	37921	<input checked="" type="checkbox"/> Paper <input checked="" type="checkbox"/> Plastic <input checked="" type="checkbox"/> Metals <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Other PLEASE SPECIFY: Cardboard	In-house manual	Via spot pricing
2	Seatons, LLC	1321 Frye Street, Athens	37303	<input type="checkbox"/> Paper <input type="checkbox"/> Plastic <input type="checkbox"/> Metals <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Other PLEASE SPECIFY: Lead acid batte	In-house manual	Via spot pricing



3	Caraustar	1845 Central Avenue, Chattanooga	37408	<input checked="" type="checkbox"/> Paper <input type="checkbox"/> Plastic  <input type="checkbox"/> Metals  <input type="checkbox"/> Other	In-house manual	Via spot pricing
4	Lankford Salvage	3620 Sweetwater Vonore Road, Sweetwater	37874	<input type="checkbox"/> Paper <input type="checkbox"/> Plastic  <input checked="" type="checkbox"/> Metals  <input type="checkbox"/> Other	In-house manual	Via spot pricing
5	Unilocore	East 19th Street, Fort Dix, NJ	08640	<input type="checkbox"/> Paper <input type="checkbox"/> Plastic  <input type="checkbox"/> Metals  <input checked="" type="checkbox"/> Other  PLEASE SPECIFY Electronics	In-house manual	Via spot pricing
6	Call2Recycle	1000 Parkwood Circle, Suite 200, Atlanta	30339	<input type="checkbox"/> Paper <input type="checkbox"/> Plastic  <input type="checkbox"/> Metals  <input checked="" type="checkbox"/> Other  PLEASE SPECIFY Rechargeable b	In-house manual	Via spot pricing

7	Lighting Resources	128 L P Auer Road, Johnson City	37604	<input type="checkbox"/> Paper <input type="checkbox"/> Plastic <input type="checkbox"/> Metals <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Other PLEASE SPECIFY Light bulbs	In-house manual	Via spot pricing
8	Clean Harbor	3300 Cummings Road, Chattanooga	37419	<input type="checkbox"/> Paper <input type="checkbox"/> Plastic <input type="checkbox"/> Metals <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Other PLEASE SPECIFY Oil based paint	In-house manual	Via spot pricing

Provide additional explanation, if necessary:

## 7. List any restrictions or bans placed on wastes collected in the county or each municipality

Does the county or municipalities have any restrictions or bans placed on wastes collected? \*

Yes

### 1. Restriction or Ban

County or Municipality: \* City of Loudon

Select materials: \*

☐ Paper      ☐ Plastics      ☐ Glass      ☐ Metal  
☐ E-Scrap      ☐ Organics      ☒ Other

Please specify 'Other' material: \*

Ordinances passed for: no paint, oil, or liquids are collected. No contractors can dispose of C&D waste.

Provide additional explanation, if necessary:

## 8. Check all obstacles that apply to expanding recycling in the county or its municipalities.

### 1. Obstacle

County or Municipality: \* Loudon County

Select obstacles: \*

☒ Funding

☐ Citizen apathy

☐ Lack of support

☒ Education

☒ Markets

☐ Staff

☐ Other

### 2. Obstacle

County or Municipality: \* Lenoir City

Select obstacles: \*

☒ Funding

☐ Citizen apathy

☐ Lack of support

☐ Education

☐ Markets

☒ Staff

☐ Other

Provide additional explanation, if necessary:

## 9. Management of Organics

Does the county or its municipalities manage organics? \*

☐ Yes

☒ No

## 10. Assistance for Backyard Composting

Does the county or its municipalities offer assistance for backyard composting? \*

☐ Yes

☒ No

## 11. Disaster Debris or Storm Event

In the last year, did a disaster debris or storm event increase the tonnage of organics diversion or disposal for the county or its municipalities? \*

☐ Yes

☒ No

Does your local government have a disaster debris plan? \*

☐ Yes

☒ No

Provide additional information, if necessary:

Loudon County is coordinating with TDEC to implement a disaster debris plan.

## 12. Recycling Services for Other Entities Beside Residents

Does the county or its municipalities offer recycling services to other entities besides residents? \*

☒ Yes ☐ No

COUNTY OR MUNICIPALITY *	SERVICE(S) PROVIDED (CHECK ALL THAT APPLY) *	MATERIAL(S) COLLECTED (CHECK ALL THAT APPLY) *	NUMBER OF COMMERCIAL ENTITIES SERVED *	NUMBER OF INDUSTRIAL ENTITIES SERVED *	NUMBER OF INSTITUTIONAL ENTITIES SERVED *	NUMBER OF SPECIAL EVENTS SERVED *
Loudon County	<input type="checkbox"/> Curbside	<input checked="" type="checkbox"/> Paper	11	9	12	4
	<input checked="" type="checkbox"/> Containers	<input checked="" type="checkbox"/> Plastic				
	<input type="checkbox"/> Drop-off Locations	<input type="checkbox"/> Metals				
		<input type="checkbox"/> Glass				
		<input checked="" type="checkbox"/> Other				
		PLEASE SPECIFY: Cardboard				

Provide additional information, if necessary:

### 13. What methods do the county and each municipality use to collect, transport and dispose of their municipal solid waste?

#### 1. County/Municipality

County/Municipality: \* Loudon County

Who is the primary collector: (Check all that apply) \*

- ☒ Publicly
- ☐ Open Market
- ☐ Nonexclusive Franchise
- ☐ Contract
- ☐ Managed Competition

Collection-Transportation Equipment: (Check all that apply) \*

- ☐ Side Load Refuse Trucks
- ☐ Front Load Trucks
- ☐ Rear Load Trucks
- ☒ Roll-off Trucks

Please specify the # of Roll-off Trucks: \* 2

Hauling and Transportation Destination: (Check all that apply) \*

- ☐ Materials sent to Transfer Station



☒ Direct haul to landfill (No Transfer Station)

☐ Materials sent to Solid Waste Processor

☐ Materials sent to Mixed Waste Processor

☐ Materials sent to Waste-to-Energy

☐ Materials sent to Incineration

## 2. County/Municipality

County/Municipality: \* Lenoir City

Who is the primary collector: (Check all that apply) \*

☐ Publicly

☐ Open Market

☐ Nonexclusive Franchise

☒ Contract

☐ Managed Competition

Collection-Transportation Equipment: (Check all that apply) \*

☐ Side Load Refuse Trucks

☐ Front Load Trucks

☒ Rear Load Trucks

☐ Roll-off Trucks

Please specify the # of Rear Load Trucks: \* 2

Hauling and Transportation Destination: (Check all that apply) \*

☐ Materials sent to Transfer Station

☒ Direct haul to landfill (No Transfer Station)

☐ Materials sent to Solid Waste Processor

☐ Materials sent to Mixed Waste Processor

☐ Materials sent to Waste-to-Energy

☐ Materials sent to Incineration

## 3. County/Municipality

County/Municipality: \* City of Loudon

Who is the primary collector: (Check all that apply) \*

☒ Publicly

☐ Open Market

☐ Nonexclusive Franchise

☐ Contract

☐ Managed Competition

Collection-Transportation Equipment: (Check all that apply) \*

☐ Side Load Refuse Trucks

☐ Front Load Trucks

☒ Rear Load Trucks

☐ Roll-off Trucks

Please specify the # of Rear Load Trucks: \* 2

Hauling and Transportation Destination: (Check all that apply) \*

☐ Materials sent to Transfer Station

☒ Direct haul to landfill (No Transfer Station)

☐ Materials sent to Solid Waste Processor

☐ Materials sent to Mixed Waste Processor

☐ Materials sent to Waste-to-Energy

☐ Materials sent to Incineration

Provide additional explanation, if necessary:

Loudon County collects material at the convenience centers. Transportation directly to Matlock Bend landfill is contracted through Waste Connections utilizing their own trucks.

14. What methods do the county and each municipality use to collect, transport, process or recycle their commodities?

1. County/Municipality

County/Municipality: \* Loudon County

Who is the primary collector: (Check all that apply) \*

☒ Publicly

☐ Open Market

☐ Nonexclusive Franchise

☐ Contract

☐ Managed Competition

Collection-Transportation Equipment: (Check all that apply) \*

☐ Side Load Recycling Trucks

☐ Front Load Trucks

☐ Rear Load Trucks

☒ Roll-off Trucks

Please specify the # of Roll-off Trucks: \* 2

Hauling and Transportation Destination: (Check all that apply) \*

☐ Materials sent to Transfer Station

☒ Direct haul to private processing facility (No Transfer Station)

☐ Materials sent to public processing facility

☐ Materials sent directly to end user as feedstock (minimal processing)

Provide additional explanation, if necessary:

Loudon County collects recyclables at the convenience centers and bales the materials. The baled materials are picked up by WestRock and the other processors and taken back to their facilities every few weeks.

## 15. Education Efforts

### 1. Program

Program Name: \* Loudon County Recycling Initiative

Program Sponsor: \* TDOT Litter Grant

Program Objective: \* Persuade and Inform

Number Served: \* County-Wide

Program Type: \*

☒ Signage ☒ Brochures ☒ Classroom ☒ Community Outreach

☐ Mailings ☐ Newspaper ☐ Public Access TV ☒ Radio

☒ Special Events ☐ Social Media ☒ Website ☐ Workshops

☐ Other

Focus Area: \*

☐ Solid Waste ☒ Recycling ☐ Diversion

☐ Source Reduction ☐ Organics ☒ Operational Functions (use of CCC, HHW Events, etc.)

Program Target Audience: \*

- ☒ Adult/General Public
 ☒ Business/Industry
 ☒ Government/Institutional  
☒ Children/Educators
 ☐ Media
 ☐ Civic/Environment

Provide additional information, if necessary:

16. Check all that apply and complete funding options that the county and its municipalities use to fund their programs.

1. County/Municipality

County/Municipality: \* Loudon County

How is the program funded? (Check all that apply) \*

- ☐ Tipping Fees (\$68-211-835)
 ☐ Surcharge (\$68-211-835)
 ☐ Disposal Fee (\$68-211-835)
 ☒ Property Taxes/General Fund  
☐ Per Household Charges
 ☐ Pay-As-You-Throw
 ☐ Sale of Recyclables
 ☐ Grants  
☐ Other Taxes

Specify 3 Year Average Property Taxes/General Fund amount: \* 461,532.00 \$

2. County/Municipality

County/Municipality: \* Lenoir City

How is the program funded? (Check all that apply) \*

- ☐ Tipping Fees (\$68-211-835)
 ☐ Surcharge (\$68-211-835)
 ☐ Disposal Fee (\$68-211-835)
 ☒ Property Taxes/General Fund  
☒ Per Household Charges
 ☐ Pay-As-You-Throw
 ☐ Sale of Recyclables
 ☐ Grants  
☐ Other Taxes

Specify 3 Year Average Property Taxes/General Fund amount: \* 353,500.00 \$

Specify 3 Year Average Per Household Charges: \* 6.00 \$

3. County/Municipality

County/Municipality: \* City Loudon

How is the program funded? (Check all that apply) \*

- ☐ Tipping Fees (\$68-211-835)
 ☐ Surcharge (\$68-211-835)
 ☐ Disposal Fee (\$68-211-835)
 ☒ Property Taxes/General Fund  
☐ Per Household Charges
 ☐ Pay-As-You-Throw
 ☐ Sale of Recyclables
 ☐ Grants

☐ Other Taxes

Specify 3 Year Average Property Taxes/General Fund amount: \* 425,250.00 \$

Provide additional information, if necessary:

## 17. Contracting Out of Services

Does the county or its municipalities contract out its services? \*

☒ Yes ☐ No

Please complete the following table for the county or each municipality:

COUNTY/MUNICIPALITY	CONTRACTOR *	BUDGETED CONTRACT AMOUNT *	CONTRACT START (MM/YYYY)	CONTRACT END (MM/YYYY)	TYPE OF CONTRACT *	SERVICES PROVIDED *
Loudon County	Waste Connections	65,000.00	07/2018	06/2019	<input type="checkbox"/> Nonexclusive <input type="checkbox"/> Exclusive Franchise <input type="checkbox"/> Contract <input checked="" type="checkbox"/> Managed Competition	<input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Recycling <input type="checkbox"/> Organics Collection <input type="checkbox"/> Convenience Center Op erations <input type="checkbox"/> Transfer Sta tion Opera tions <input type="checkbox"/> Refuse Col lection <input type="checkbox"/> Bulky Item Collection



Lenoir City Tennessee 52,500.00 06/2018 05/2021  
Trash

- ☐ Nonexclusive  
☐ Exclusive Franchise  
☒ Contract  
☐ Managed Competition  
☒ Disposal  
☐ Recycling  
☐ Organics Collection  
☐ Convenience Center Operations  
☐ Transfer Station Operations  
☒ Refuse Collection  
☐ Bulky Item Collection

2

Are any of the above contracts considered an exclusive franchise? \*

☐ Yes

☒ No

Provide additional information, if necessary:

18. Complete the following section for the county and its municipalities that provide solid waste and/or recycling services.

1. County/Municipality

County/Municipality: \* Loudon County

Municipal Solid Waste Services:

How many part-time? *	How many Full Time Equivalents (FTE)? *	Total Staff
12	8	20

Recycling Services:

How many part-time? *	How many Full Time Equivalents (FTE)? *	Total Staff
12	8	20

2. County/Municipality

County/Municipality: \* Lenoir City

Municipal Solid Waste Services:

How many part-time? *	How many Full Time Equivalents (FTE)? *	Total Staff
0	10	10

Recycling Services:

How many part-time? *	How many Full Time Equivalents (FTE)? *	Total Staff
0	0	0

3. County/Municipality

County/Municipality: \* City of Loudon

Municipal Solid Waste Services:

How many part-time? *	How many Full Time Equivalents (FTE)? *	Total Staff
0	13	13

Recycling Services:

How many part-time? *	How many Full Time Equivalents (FTE)? *	Total Staff
0	0	0

Provide a brief explanation of employee roles noted above, if necessary:

19. Budget and other optional uploads (Must save to see file attachments option)

Please upload a copy of last Fiscal Year's Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities for the county below by clicking on "Upload File" under A. Solid Waste and Sanitation Fund. Please use options B-J to upload the Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities of the municipalities within the county. There are also upload options for any other additional reports, documents, and files deemed relevant to this Annual Progress Report.

Provide additional information, if necessary:

**File Attachments**

Click the 'Upload File' button to attach supporting documents as required.

\* Maximum file size is 5 MB.

A. Solid Waste and Sanitation Fund for the county (Max file size = 5MB). \*

Loudon County SW Budget.pdf

B. Additional Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities (Max file size = 5MB).

C. Additional Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities (Max file size = 5MB).

D. Additional Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities (Max file size = 5MB).

E. Additional Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities (Max file size = 5MB).

F. Additional Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities (Max file size = 5MB).

G. Additional Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities (Max file size = 5MB).

H. Additional Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities (Max file size = 5MB).

I. Additional Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities (Max file size = 5MB).

J. Additional Solid Waste and Sanitation Fund expenses, revenues, assets and liabilities (Max file size = 5MB).

Optional upload for additional reports or documents (Max file size = 5MB):

Optional upload for additional reports or documents (Max file size = 5MB):

Optional upload for additional reports or documents (Max file size = 5MB):

Response created on: Feb 13, 2020 at 03:14 PM EST by bjohnston@santekwasteservices.com

Response last updated on: Mar 11, 2020 at 02:04 PM EDT by bjohnston@santekwasteservices.com

## TDEC SURVEY QUESTIONS

ANNUAL | 2019

Member Name: Loudon

Member Alias: Loudon  
APR

1. What grants would the county and municipalities like to see TDEC promote in the next two years?

County or Municipality Name: \* Loudon County

Select grants: \*

☒ Recycling Equipment

☒ Waste Reduction

☒ Organics Management/Composting

☒ Education and Outreach

☒ Hub and Spoke

☒ Technical Assistance

☒ Convenience Centers

☒ Access Improvements/Carts

☒ New Technologies

☒ Measurement

☐ Other

2. What are the county and municipalities biggest needs for this next calendar year? Grant demonstration of need and priority will be determined through answering these questions.

County or Municipality Name: \* Loudon County

Select biggest needs for next calendar year: \*

☒ Equipment

☒ Facility Upgrades

☒ Education and Outreach

☒ Technical Assistance Providers

☐ Other

What type of equipment? \*

☐ New

☒ Upgrade

☐ Expand

Explain Equipment: \*

Loudon County needs compactor boxes for use at our convenience centers.

Explain Facility Upgrades: \*

Loudon County needs building upgrades at the Lenoir City Convenience Center, particularly in the work bays.

Explain Education and Outreach: \*

Loudon County needs more public outreach materials and plans to hire an outreach staff member to go to schools and attend public events.

Explain Technical Assistance Providers: \*

Loudon County relies on the solid waste planner from ETDD to assist with our APR; with grant application preparation, submission, and administration; and with planned updates to our 10-year plan.

3. Are there any policies, statutes, rules, protocols or ordinances that inhibit the county and municipalities from having effective programs? Reference specific statutes, rules, policies or documents when answering the question.

County or Municipality Name: \* Loudon County

Describe inhibitors: \*

N/A

4. Are there any parts or utility of the 10 Year Solid Waste and Materials Management Statewide Plan, Plan Update or Annual Progress Report the county and municipalities do not understand?

County or Municipality Name: \* Loudon County

Please describe: \*

N/A

5. What role can Materials Management play to be the biggest resource to the county and its municipalities?

County or Municipality Name: \* Loudon County

Please explain: \*

Loudon County would like to see more training and education opportunities for County solid waste staff.

6. What is needed in the county and municipalities to further waste reduction, recycling, diversion or end markets in Tennessee?

County or Municipality Name: \* Loudon County

Describe needs: \*

Loudon County continues to hope for more participation from and accountability for cities regarding recycling and waste diversion activities. Loudon County also want to see increased markets for recyclable materials, such as glass.

7. What do the county and municipalities plan to apply for next 18 month grant cycle?



COUNTY OR MUNICIPALITY NAME: *	GRANT TYPE *	NEED *	BRIEFLY DESCRIBE NEED *	REPLACEMENT *	REIMBURSEMENT AND MATCHING FUNDS BUDGETED? *
Loudon County	Convenience Center	Facilities	Loudon County needs building upgrades at the Lenoir City Convenience Center, particularly in the work bays.	Yes	Yes
Loudon County	Education and Outreach	Education	Loudon County needs more public outreach materials and plans to possibly hire an outreach staff member to go to schools and attend public events.	No	Yes

8. §68-211-871(b) requires an annual progress report on the implementation of the regional comprehensive integrated municipal solid waste management plan. What steps are the county and municipalities taking locally to contribute to regional plan implementation?

County or Municipality Name: \* Loudon County

Describe steps the county and municipalities are taking: \*

Our regional solid waste plan calls for recycling and waste reduction, and Loudon County is providing as many opportunities for residents to recycle as are financially feasible. We also seized upon the opportunity to work with local industry to take material that was landfilled and give it a beneficial use. We work with Kimberly Clark on paper waste that is now used as an alternate daily cover and with Tate and Lyle on sludge that is now used for soil additive.

9. What areas would you like to see the Division of Solid Waste Management focus on in coming years to help the county and municipalities be successful implementing the Region's plan and programs?

County or Municipality Name: \* Loudon County

Describe areas: \*

Loudon County would like to see TDEC interact directly with cities in the same way they interact with counties. We would like to see TDEC help cities integrate programs to help facilitate the goals of the regional solid waste plan. Additionally, Loudon County would like to see TDEC help create better opportunities for markets for waste tires. Loudon County handled 484.5 tons of tires in 2018 without issue, but TDEC can help ensure competition in the marketplace, so that counties are not left with one viable option for tire recycling and that service levels are kept at a desirable level due to multiple service options existing.

Response created on: Feb 27, 2020 at 02:04 PM EST by THendrick@etdd.org

Response last updated on: Mar 11, 2020 at 02:04 PM EDT by bjohnston@santekwasteservices.com



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

Email: [info@santekwasteservices.com](mailto:info@santekwasteservices.com)  
Internet: [santekwasteservices.com](http://santekwasteservices.com)

April 8, 2020

State of Tennessee  
Department of Environment and Conservation  
William R. Snodgrass Tennessee Tower  
Division of Solid Waste  
312 Rosa L. Parks Ave., 14<sup>th</sup> Floor  
Nashville, TN 37243

Re: Annual Engineering Report – Matlock Bend Landfill  
Permit #: SNL 53-0203

To Whom It May Concern:

As required by Tennessee Rule 0400-11-01-.04(2)(t) and in compliance with the new 2020 landfill reporting requirements, please find enclosed the "Annual Engineering Report" for the Matlock Bend Landfill.

As required by the Annual Engineering Report, please find attached:

- A current (one year old or less) topographic survey of the facility superimposed over approved permitted contours; and
- A list of minor and/or major permit modifications to the facility since the most recent permit issuance.

If you have any questions or comments regarding the information provided, please contact me at (423) 303-7101.

Sincerely,

A handwritten signature in dark ink, appearing to read "Ron E. Vail".

Ron E. Vail, P.E.  
Executive V.P. of Engineering

Enclosure

cc: Mr. Nickolaus Lytle, TDEC  
Mr. Steve Field, Loudon County Solid Waste Commission, Chairman  
Mr. Matt Dillard, Executive V.P. of Operations, Santek  
Mr. Ben Johnston, V.P. of Marketing, Santek  
Mr. John Preston, Interim Landfill Manager, Santek



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

**CLASS I DISPOSAL FACILITY ANNUAL ENGINEERING REPORT (AER)**

**PRINT**

**RESET**

PERMIT #

**SNL 53-0203**

TO AVOID DELAYS, COMPLETE ALL SECTIONS OF THE APPLICATION. INCLUDE ALL SUPPORTING DOCUMENTATION.

**A. GENERATING FACILITY**

FACILITY NAME <b>Matlock Bend Loudon County Landfill</b>		DATE OF LAST ANNUAL ENGINEERING REPORT (AER)	
MAILING ADDRESS <b>21712 Highway 72 North</b>	CITY <b>Loudon</b>	STATE ZIP <b>TN 37774</b>	PHONE FAX <b>(865) 458-2651 (865) 458-5377</b>
TECHNICAL CONTACT NAME <b>Ron E. Vail, P.E.</b>	PHONE <b>(423) 303-7101</b>	FAX <b>(423) 479-1965</b>	EMAIL <b>rvail@santekwasteservices.com</b>

**B. TOPOGRAPHIC SURVEY**

RULE 0400-12-01-.04(2)(i)1 REQUIRES ALL OPERATORS OF **CLASS I DISPOSAL FACILITIES** WITHIN THE STATE OF TENNESSEE TO FILE AN **ANNUAL ENGINEERING REPORT** WITH THE DEPARTMENT BY **MAY 1st** OF EVERY YEAR.

A CURRENT TOPOGRAPHIC SURVEY OF THE ACTIVE PORTION OF THE DISPOSAL FACILITY (SAME SCALE AS APPROVED PERMIT PLANS) MUST BE PERFORMED BY A QUALIFIED LAND SURVEYOR DULY AUTHORIZED UNDER TENNESSEE LAW TO CONDUCT SUCH ACTIVITIES. THIS SHOULD BE SUPERIMPOSED ON THE APPROVED CONTOURS WITH A DELINEATION SHOWING CURRENT CONTOURS. SUBMIT THIS DRAWING AS AN ATTACHMENT TO THIS FORM.

**C. FACILITY CONDITIONS** EXPLAIN THE **METHODOLOGY** TO CALCULATE THE FOLLOWING:

1. TOTAL PERMITTED LANDFILL FOOTPRINT (AREA PERMITTED FOR DISPOSAL - ACRES)  
**40.7 acres - Computed using ACAD.**
2. DESIGN CAPACITY OF TOTAL LANDFILL FOOTPRINT (CUBIC YARDS)  
**4,748,110 CY - Computed using ACAD. Comparing bottom of waste to top of immediate cover.**
3. TOTAL ACRES CURRENTLY CONSTRUCTED  
**38.9 acres - Computed using ACAD.**
4. CAPACITY OF CONSTRUCTED AREA(S) (CUBIC YARDS)  
**4,333,450 CY - Computed using ACAD.**
5. TOTAL REMAINING VOLUME WITHIN CONSTRUCTED AREA(S) (CUBIC YARDS)  
**785,212 CY - Computed using ACAD comparing May 6, 2019 aerial to top of immediate cover.**
6. OPERATIONAL WASTE DENSITY (POUNDS / CUBIC YARD)  
**1,639 lb/CY - Computed using ADCAD and scaled tonnage. Density calculation includes volume of cover soil.**
7. CURRENT WASTE ACCEPTANCE RATE (TONS PER YEAR)  
**140,119 tons in 2019 - Calculated using on-site waste scales.**

**D. MODIFICATIONS**

THE FIRST ANNUAL ENGINEERING REPORT SUBMITTED SHOULD INCLUDE ALL MINOR PERMIT MODIFICATIONS TO THE FACILITY SINCE THE MOST RECENT PERMIT ISSUANCE OR MAJOR MODIFICATION. SUBMIT THIS LIST AS AN ATTACHMENT TO THIS FORM.



E. LEACHATE REPORT					
INCLUDE THE LOCATION FOR ALL METHODS OF LEACHATE TREATMENT AND DISPOSAL USED: NOTE COLUMN B THROUGH E SHOULD SUM TO COLUMN A					
GALLONS					
MONTH	A GENERATED	B ON-SITE TREATMENT	C DISPOSAL	D RECIRC	E OTHER
JANUARY	2,676,827.00		2,676,827.00		
FEBRUARY	2,249,151.00		2,249,151.00		
MARCH	1,650,846.00		1,650,846.00		
APRIL	998,784.00		998,784.00		
MAY	1,195,387.00		1,195,387.00		
JUNE	880,916.00		880,916.00		
JULY	936,521.00		936,521.00		
AUGUST	611,889.00		611,889.00		
SEPTEMBER	457,496.00		457,496.00		
OCTOBER	962,501.00		962,501.00		
NOVEMBER	1,417,455.00		1,417,455.00		
DECEMBER	2,752,401.00		2,752,401.00		
<b>TOTALS</b>	<b>16,790,174.00</b>	<b>0.00</b>	<b>16,790,174.00</b>	<b>0.00</b>	<b>0.00</b>
	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>

DESCRIBE OTHER LEACHATE MANAGEMENT METHODS HERE:

**F. LEACHATE MANAGEMENT**

1. ☒ FACILITY UTILIZES SUMP PUMPS TO CONVEY LEACHATE TO TANKS OR OTHER MANAGEMENT COMPONENTS.

a. 1 NUMBER OF SUMP PUMPS EMPLOYED AT THIS FACILITY

2. ☒ FACILITY UTILIZES GRAVITY DRAINS TO CONVEY LEACHATE TO TANKS OR OTHER MANAGEMENT COMPONENTS.

3. DESCRIBE ANY LEACHATE MANAGEMENT SYSTEM CLEANING PERFORMED SINCE LAST AER

4. LEACHATE STORAGE CONSTRUCTED AT THIS FACILITY

a. NUMBER OF LEACHATE STORAGE TANKS / VESSELS AT LOCATED AT THE FACILITY 3

b. TOTAL STORAGE VOLUME 120,000

c. IF OTHER ADEQUATE MANAGEMENT PROVISION APPROVED BY COMMISSIONER IS USED, DESCRIBE BELOW:

This site is on a forcemain to the Loudon Utilities Waste Water Treatment Plant. The tanks used for storage are for backup only. The 3 storage tanks are: 2 storage tanks at 10,000 gallons and 1 storage is tank is 100,000 gallons for a combined total of 120,000 gallons of storage.

**G. SPECIAL WASTE**

INCLUDE TYPES AND AMOUNTS OF SPECIAL WASTES DISPOSED RELATIVE TO NORMAL SOLID WASTE DISPOSED OF SINCE LAST AER. TYPES OF SPECIAL WASTE INCLUDE, BUT IS NOT LIMITED TO, SLUDGES, SOILS, COMBUSTION WASTES, COMMERCIAL CHEMICAL PRODUCTS OR MANUFACTURING CHEMICAL INTERMEDIATES. ATTACH ADDITIONAL SHEETS IF NECESSARY.

TYPE		ANNUAL TONS OF THIS TYPE	TOTAL ANNUAL TONS OF ALL WASTE ACCEPTED FROM LINE C.7
1.	Special Waste Event ASB/Dirt	1,870.00	140,119.00
2.	Industrial Special Waste	15,791.00	140,119.00
3.	Sludge Waste Water Treatment	6,166.00	140,119.00
4.	*Dead Animals listed per animal and not in tons	239.00	140,119.00
5.	ASB Friable	308.00	140,119.00
6.			
7.			
8.			
9.			
10.			

**H. SEND COMPLETED REPORT TO:**

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

**I. CERTIFICATION**

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.

  
SIGNATURE OF AUTHORIZED REPRESENTATIVE OF WASTE GENERATOR

4/8/2020  
DATE

Ron E. Vail, P.E.

Executive V.P of Engineering

PRINTED NAME

TITLE

TDEC  
USE

REVIEWER'S SIGNATURE

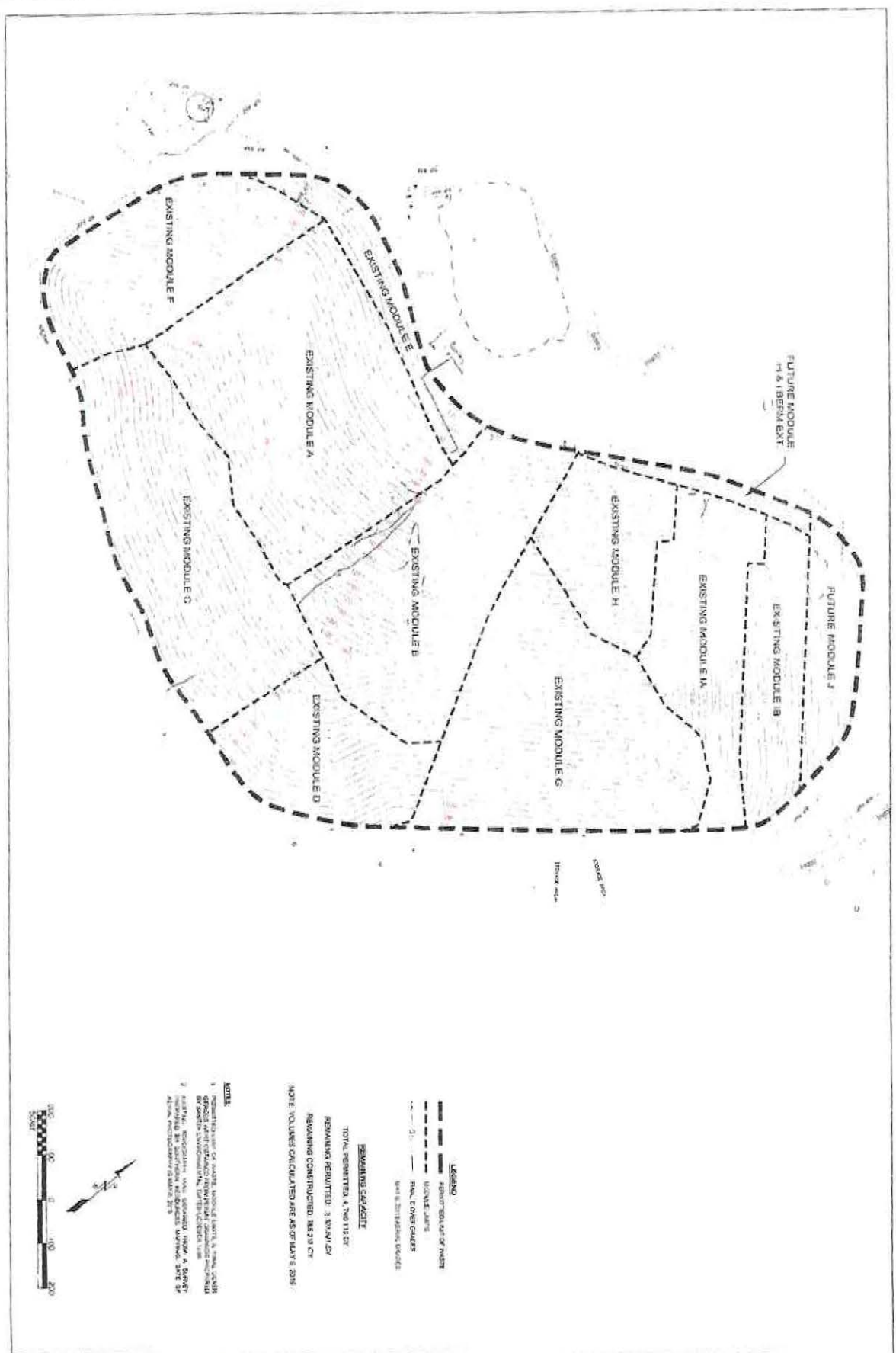
DATE

NOTES



**MATLOCK BEND LANDFILL  
MINOR MODIFICATIONS**

- 2007 Alternate Liner Profile Minor Modification
- 2007 Alternate Final Cover Minor Modification
- 2008 Methane Monitoring Well Minor Modification (MMW-1)
- 2009 Geomembrane & Geotextile Specification Minor Modification
- 2009 Cover Soil Removal Minor Modification
- 2010 Sand Trap and Temporary Sump Minor Modification
- 2011 Leachate Tank Minor Modification
- 2011 Module I-A Minor Modification
- 2011 Module F Minor Modification
- 2012 Module H & I Minor Modification
- 2012 Module G Gas and Liquid Pressure Plan
- 2013 Pond 3 Minor Modification
- 2014 Leachate Flow Meter Minor Modification
- 2014 Wheel Wash Minor Modification
- 2016 Leachate Collection Minor Modification (Non-Carbonate Leachate Collectors)
- 2018 Flow Meter Installation Minor Modification (Back)
- 2019 Module E Minor Modification



ANNUAL ENGINEERING REPORT  
TOPOGRAPHIC MAP

MATLOCK BEND LANDFILL  
LOUDON COUNTY, TENNESSEE

**REMAINING CAPACITY**

TOTAL PERMITTED 4,760,115 CY  
REMAINING PERMITTED 3,510,120 CY  
REMAINING CONSTRUCTED 1,249,995 CY

NOTE: VOLUMES CALCULATED ARE AS OF MAY 8, 2015

**LEGEND**

--- REMAINDER OF MODULE  
--- MODULE J  
--- PHASE 2 CONSTRUCTION

**NOTE:**

1. EXISTING MODULES A, B, C, D, E, F, G, H, I, AND J ARE SHOWN AS EXISTING MODULES. MODULES A, B, C, D, E, F, G, H, I, AND J ARE SHOWN AS EXISTING MODULES. MODULES A, B, C, D, E, F, G, H, I, AND J ARE SHOWN AS EXISTING MODULES.

2. EXISTING MODULES A, B, C, D, E, F, G, H, I, AND J ARE SHOWN AS EXISTING MODULES. MODULES A, B, C, D, E, F, G, H, I, AND J ARE SHOWN AS EXISTING MODULES.

3. EXISTING MODULES A, B, C, D, E, F, G, H, I, AND J ARE SHOWN AS EXISTING MODULES. MODULES A, B, C, D, E, F, G, H, I, AND J ARE SHOWN AS EXISTING MODULES.



**SANITEK**  
Water Services

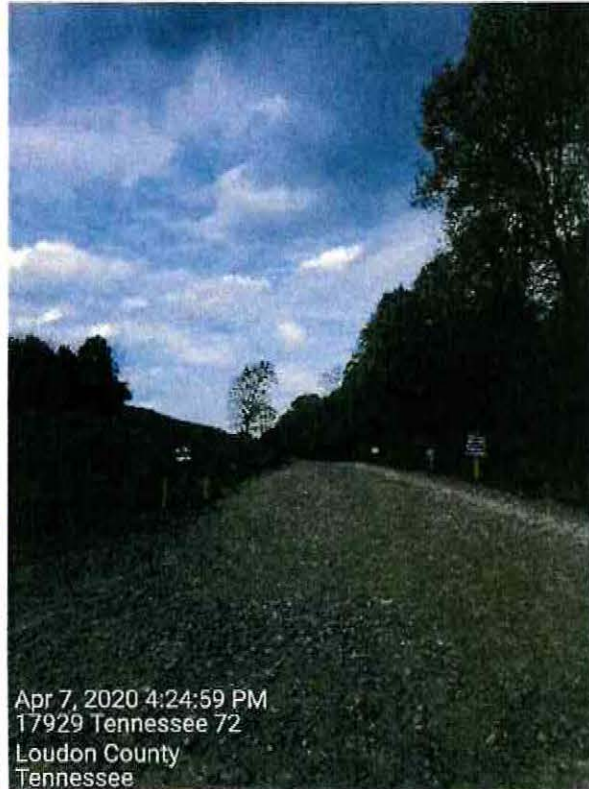
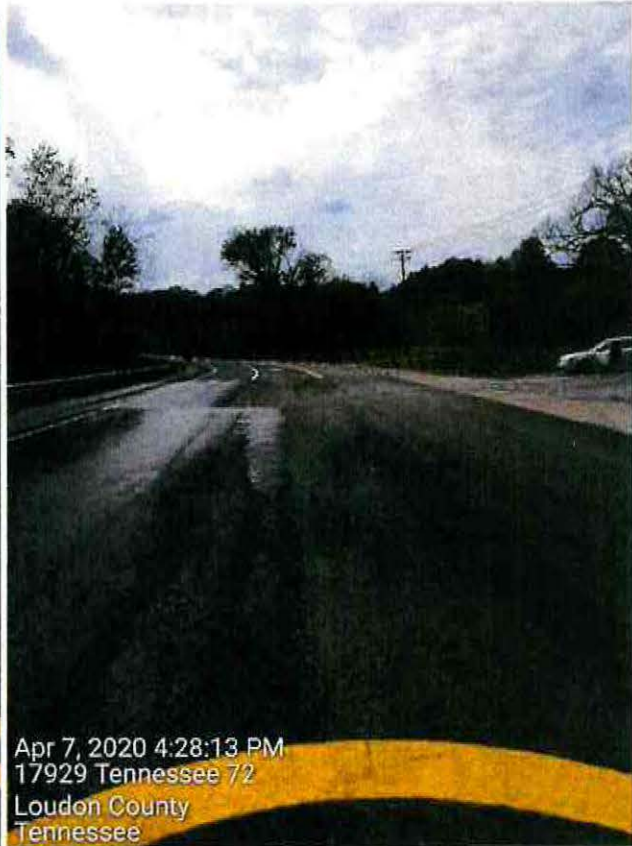
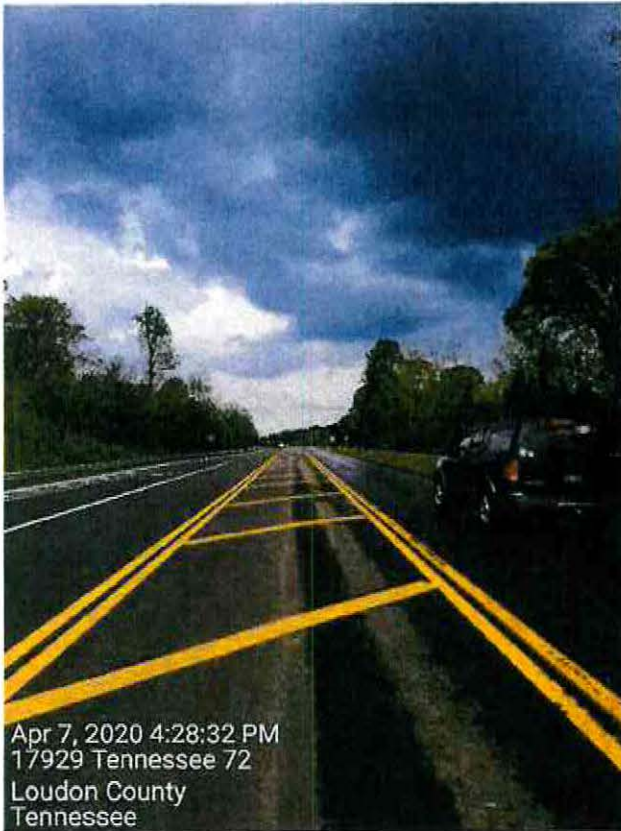
11000 Highway 100  
Nashville, TN 37203  
615-251-1000

DATE: 05/08/2015  
DRAWN BY: J. H. HARRIS  
CHECKED BY: J. H. HARRIS  
APPROVED BY: J. H. HARRIS

Matlock Bend Landfill – Weekly Operating Report

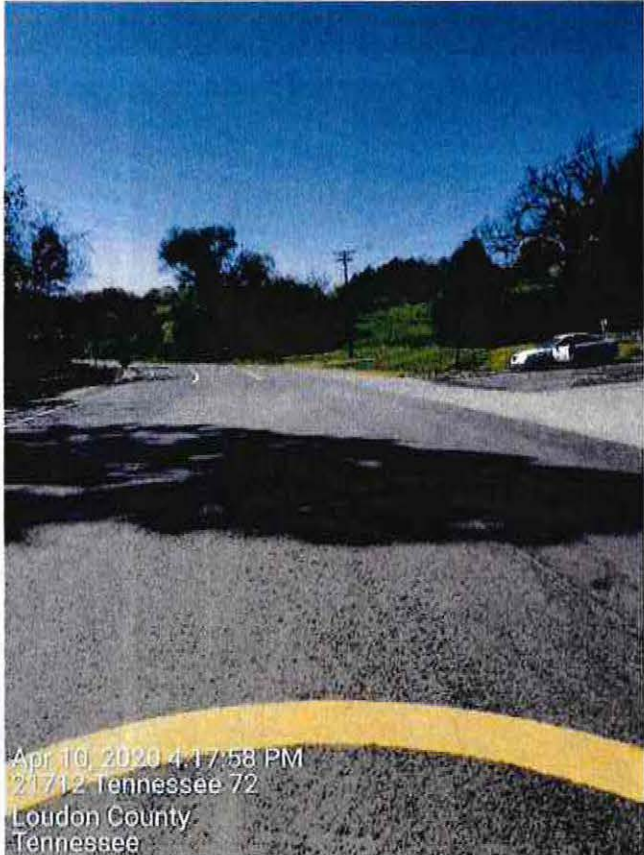
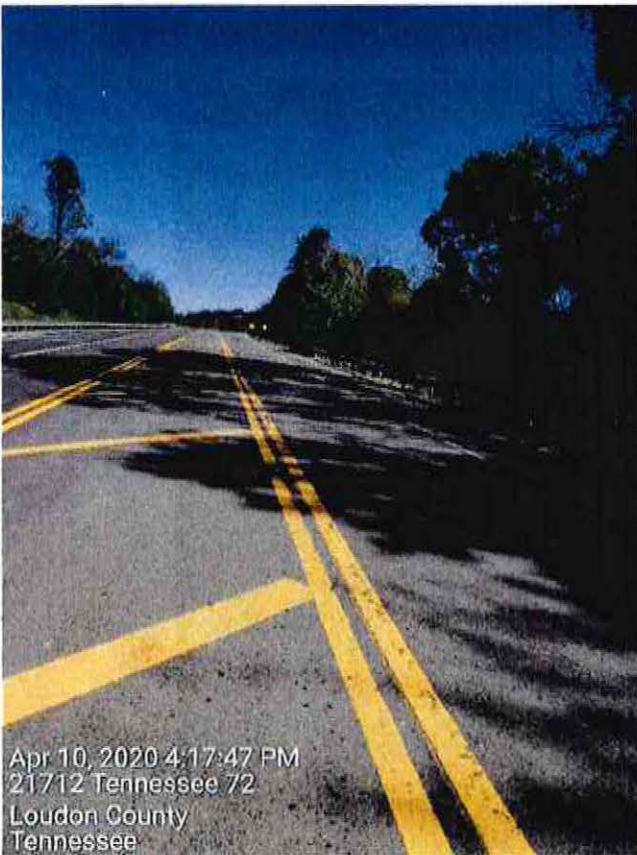
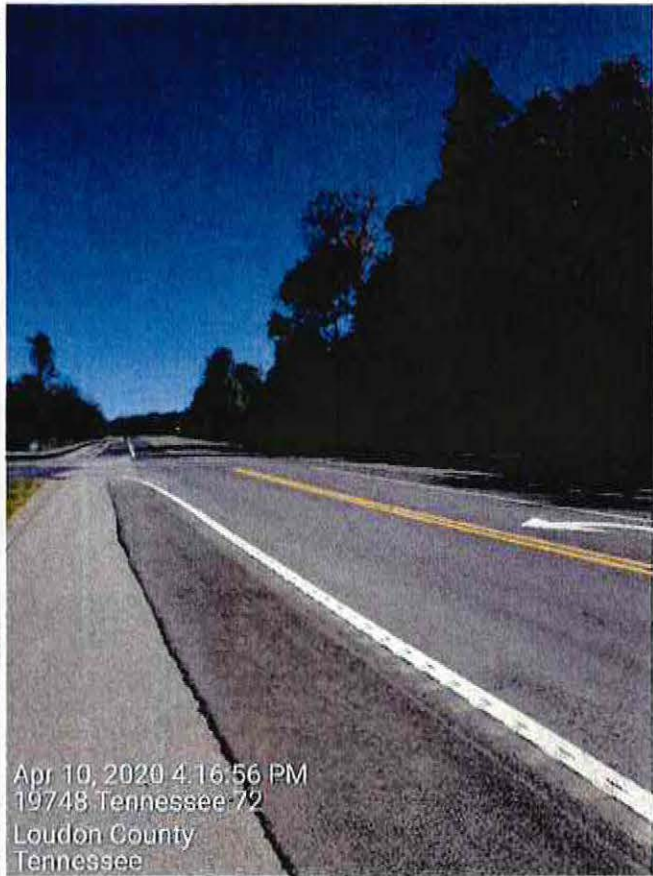
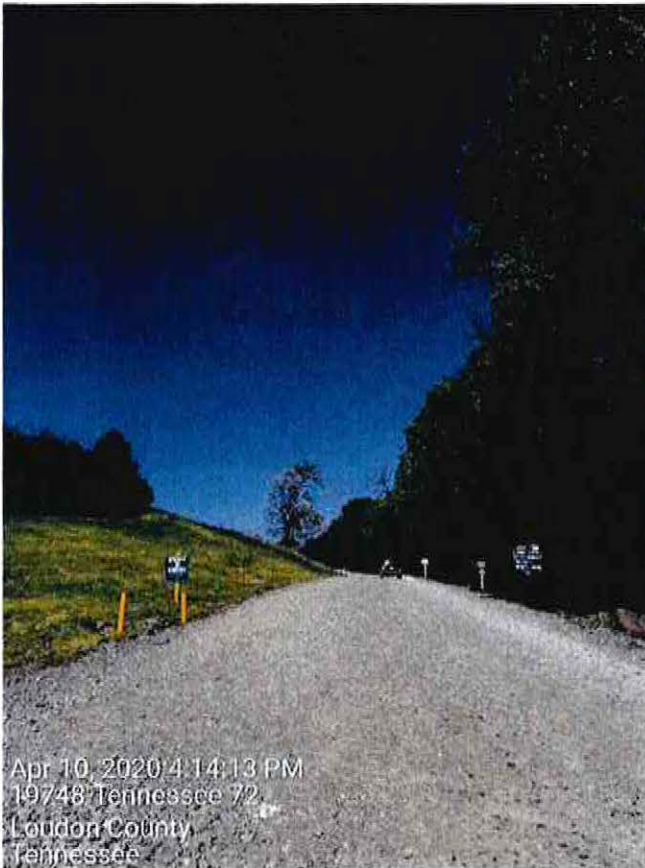
April 6 – 18, 2020:

April 7, 2020:



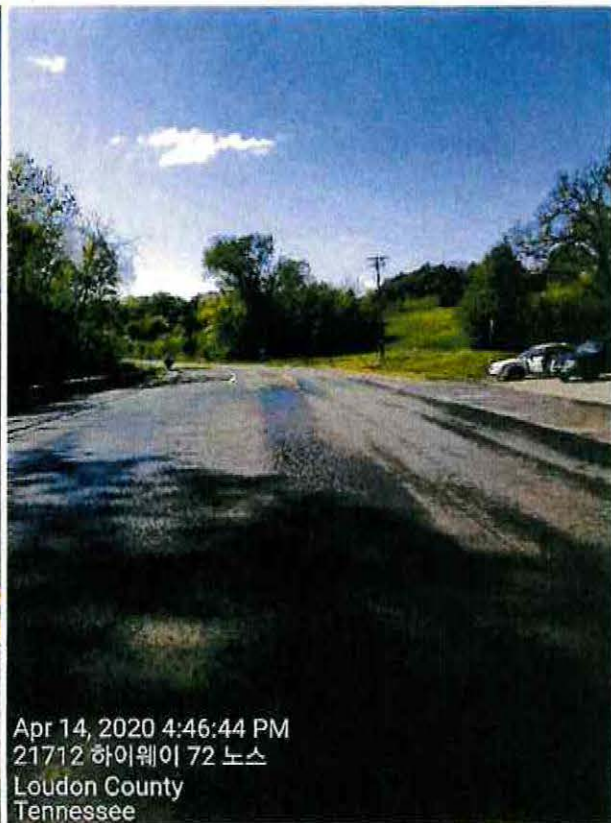
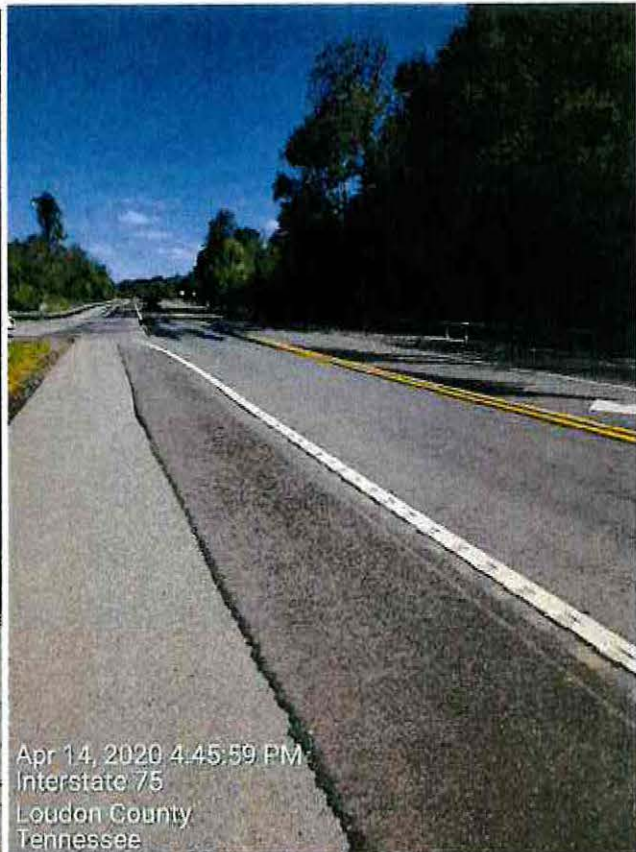
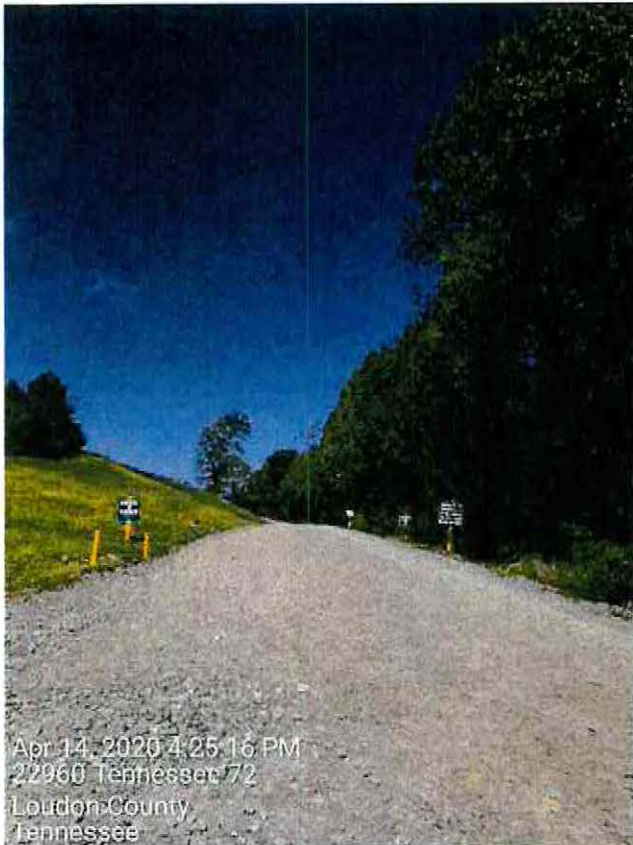


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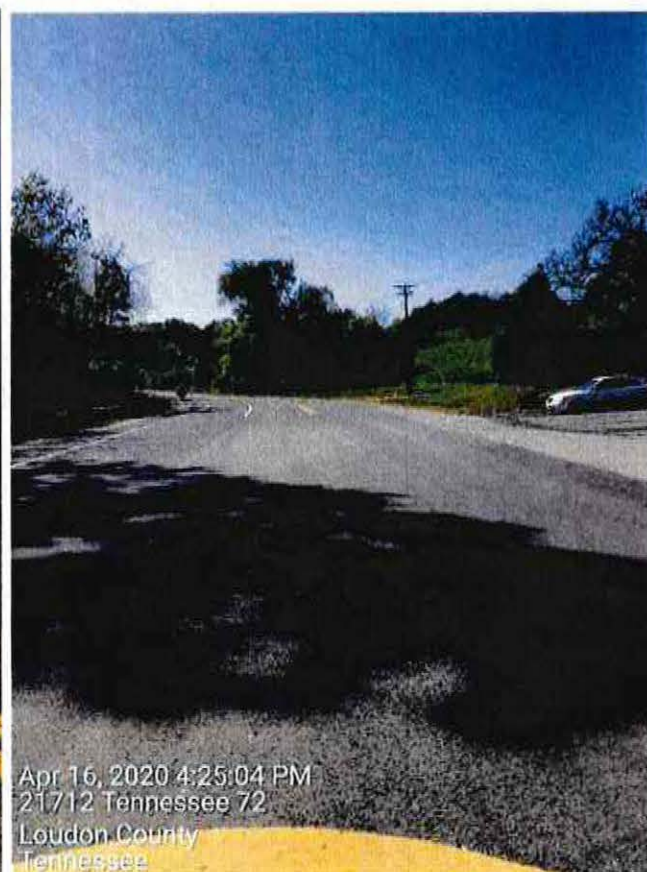
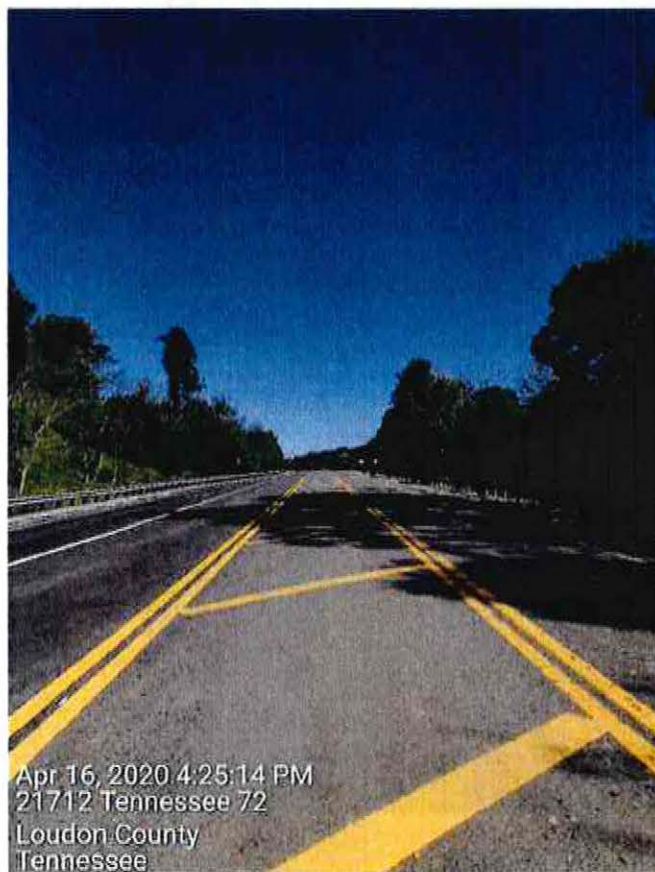
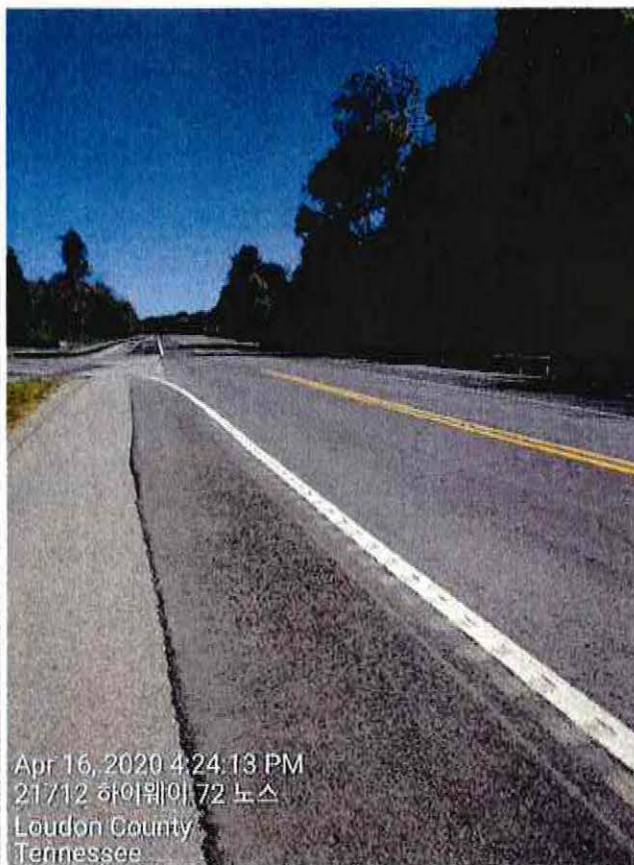
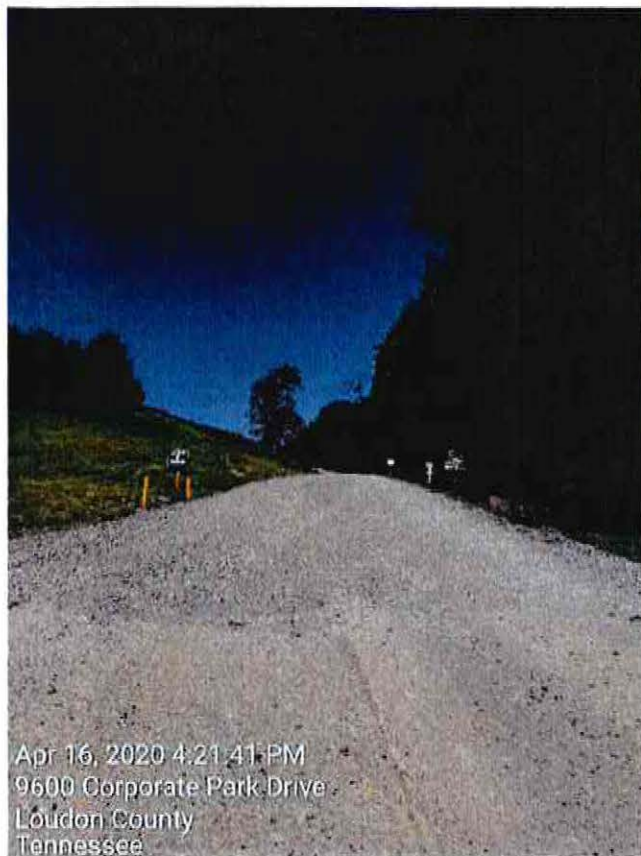


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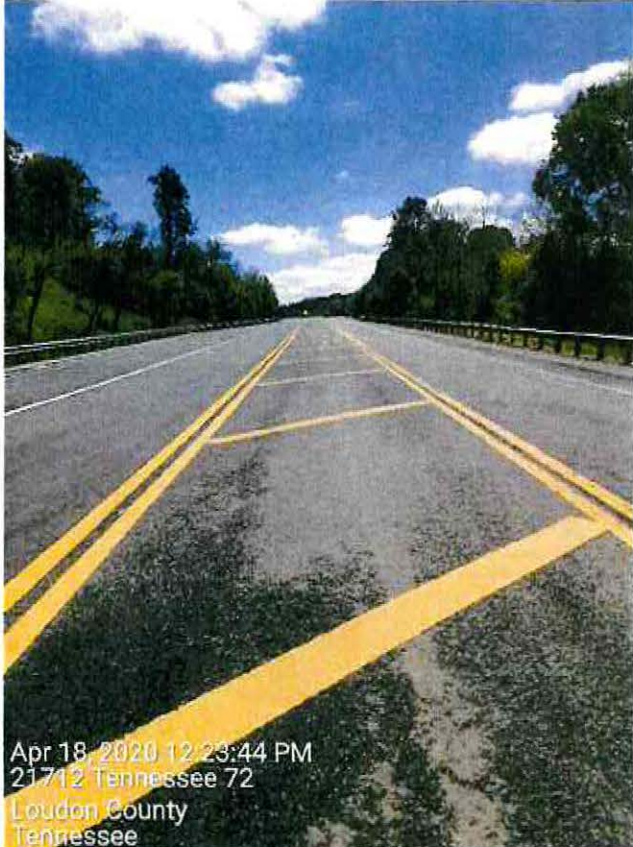
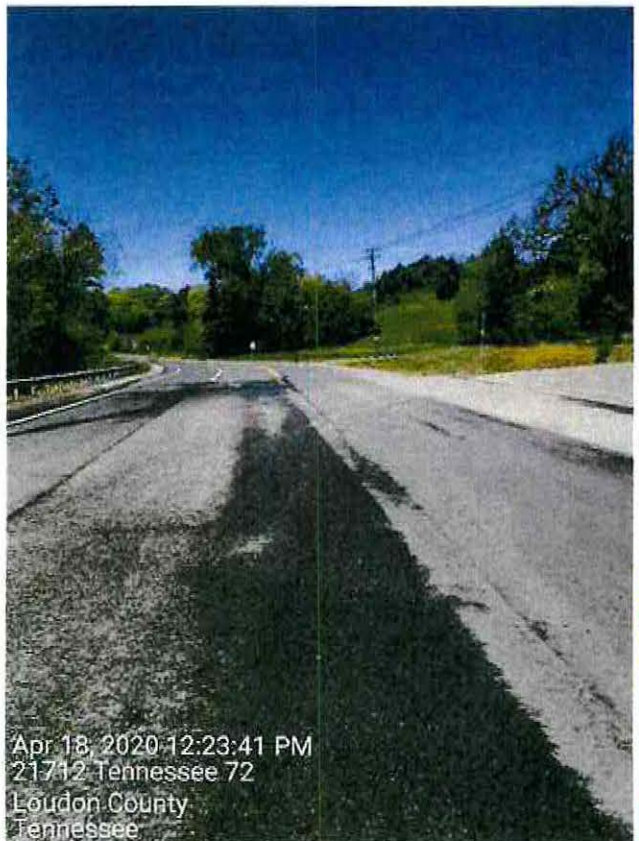
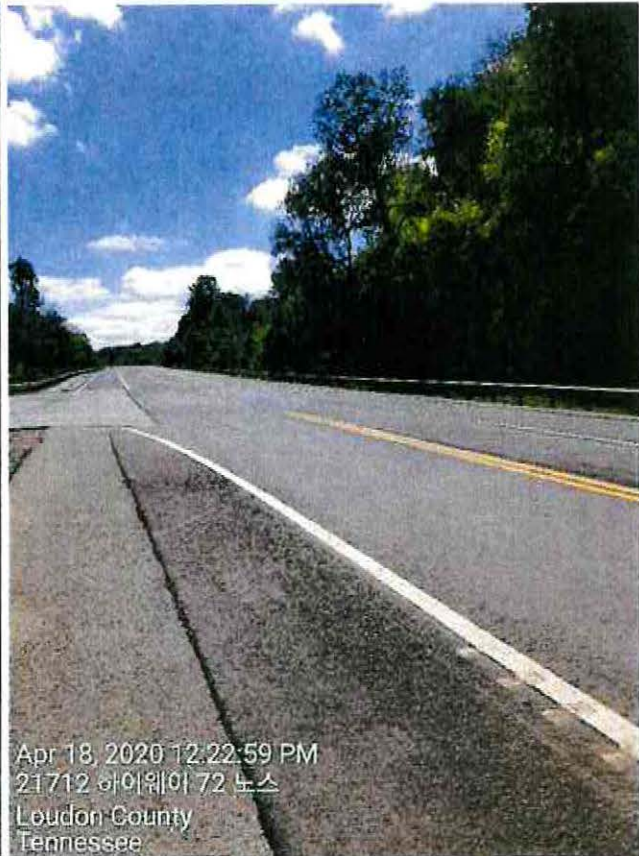
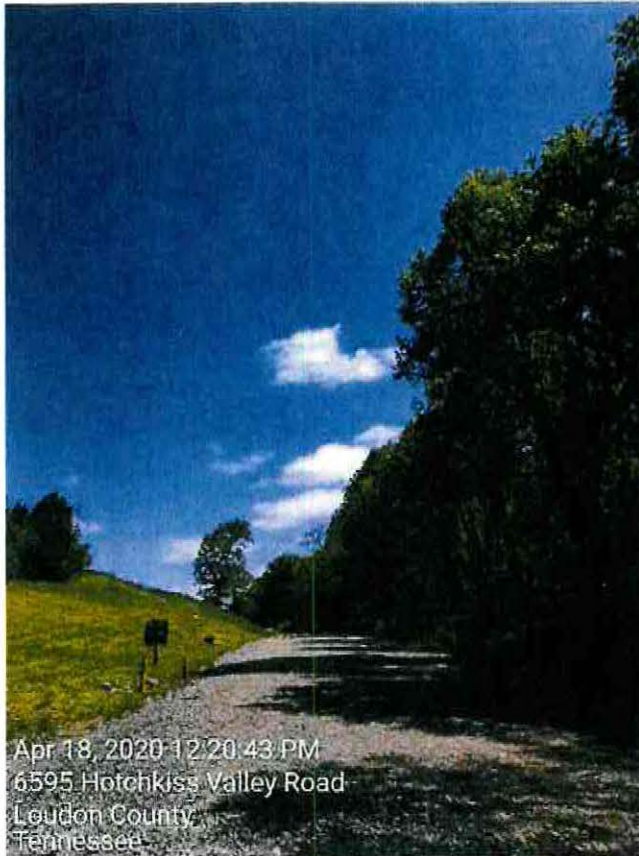


April 16, 2020:





April 18, 2020:



# Matlock Bend Landfill – Highway 72 Maintenance log

Date: 4-13-20

	Washed Highway 72	Swept Highway 72	Start Time	Employee Initial
1	X		8:00	JY
2	X		8:50	JY
3	X		9:00	JY
4	X		9:30	JY
5	X		10:00	JY
6	X		10:30	JY
7	X		11:00	JY
8	X		12:00	JY
9	X		12:30	JY
10	X		1:00	JY
11	X		1:30	JY
12	X		2:00	JY
13	X		2:30	JY
14	X		3:00	JY
15	X		3:30	JY
16	X		4:00	JY
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**\*\* Please place an "X" in the designated box to indicate the activity performed.**



# Matlock Bend Landfill - Highway 72 Maintenance log

Date: 4-14-20

	Washed Highway 72	Swept Highway 72	Start Time	Employee Initial
1		X	8:00	JL
2		X	8:15	JS
3		X	9:00	JS
4		X	10:00	JS
5		X	11:00	JS
6	X	<del>X</del>	11:30	JS
7	X	<del>X</del>	12:00	JS
8	X	<del>X</del>	1:00	JS
9	X	<del>X</del>	1:30	JS
10	X	<del>X</del>	2:00	JS
11	X	<del>X</del>	2:30	JS
12	X		3:00	JS
13	X		3:30	JS
14	X		4:00	JS
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**\*\* Please place an "X" in the designated box to indicate the activity performed.**

# Matlock Bend Landfill – Highway 72 Maintenance log

Date: 4-15-20

	Washed Highway 72	Swept Highway 72	Start Time	Employee Initial
1		X	8:00	SI
2		X	8:40	SI
3		X	9:15	SI
4		X	10:00	SI
5		X	11:00	SI
6		X	12:00	SI
7		X	1:00	SI
8		X	1:45	SI
9		X	2:00	SI
10		X	2:45	SI
11		X	3:00	SI
12	X	<del>X</del>	4:00	SI
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**\*\* Please place an "X" in the designated box to indicate the activity performed.**



# Matlock Bend Landfill – Highway 72 Maintenance log

Date: 4-16-20

	Washed Highway 72	Swept Highway 72	Start Time	Employee Initial
1		X	8:00	JS
2		X	8:40	JS
3		X	9:00	JS
4		X	9:40	JS
5		X	10:10	JS
6		X	11:00	JS
7		X	12:00	JS
8		X	1:00	JS
9		X	1:40	JS
10		X	2:15	JS
11		X	2:45	JS
12		X	3:00	JS
13	X		4:00	JS
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**\*\* Please place an "X" in the designated box to indicate the activity performed.**

# Matlock Bend Landfill – Highway 72 Maintenance log

Date: 4-17-20

	Washed Highway 72	Swept Highway 72	Start Time	Employee Initial
1		X	8:00	JP
2		X	8:45	JO
3		X	9:30	JO
4		X	10:15	JP
5		X	10:45	JP
6		X	11:30	JP
7		X	12:30	JP
8		X	1:30	JP
9		X	2:20	JO
10		X	3:30	JP
11		X	4:00	JP
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**\*\* Please place an "X" in the designated box to indicate the activity performed.**

# Matlock Bend Landfill – Highway 72 Maintenance log

Date: 4-18-20

	Washed Highway 72	Swept Highway 72	Start Time	Employee Initial
1	X		8:00	JY
2	X		8:30	JY
3	X		9:00	JY
4	X		9:40	JY
5	X		10:15	JY
6	X		11:00	JY
7	X		11:30	JY
8	X		12:00	JY
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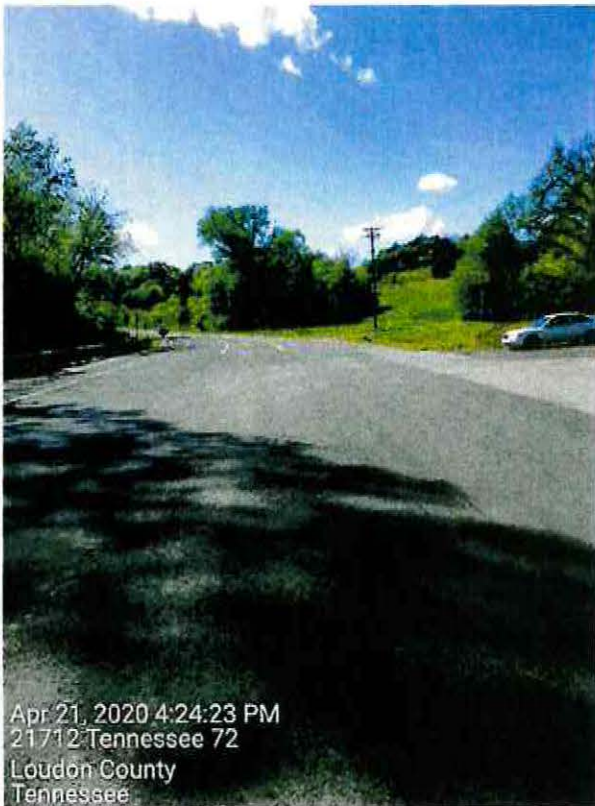
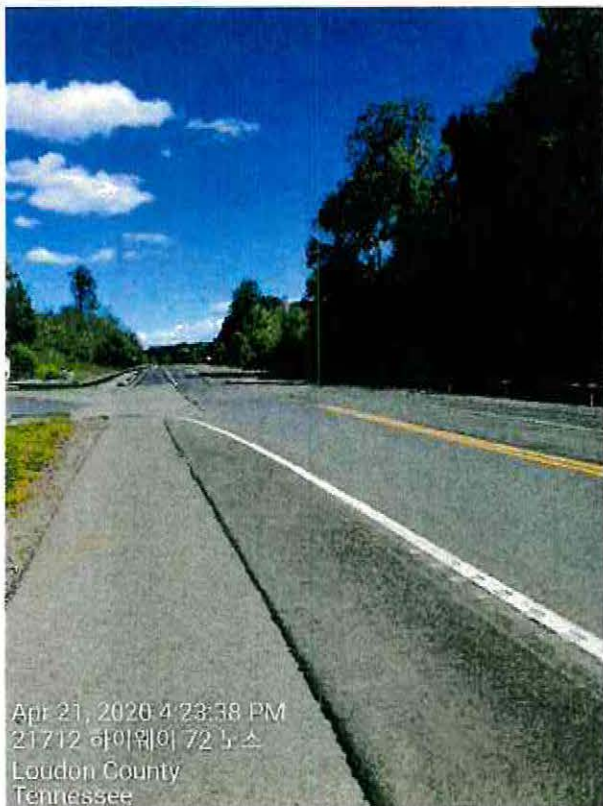
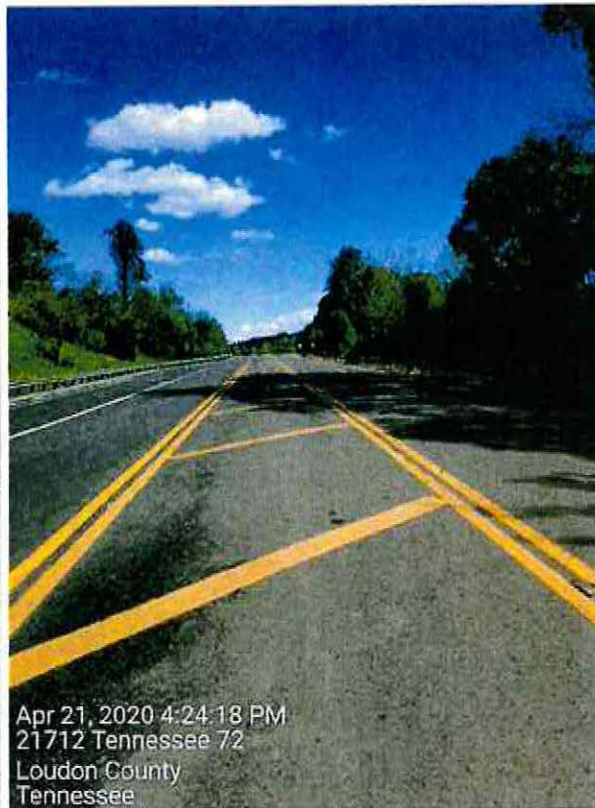
**\*\* Please place an "X" in the designated box to indicate the activity performed.**



## Matlock Bend Landfill – Weekly Operating Report

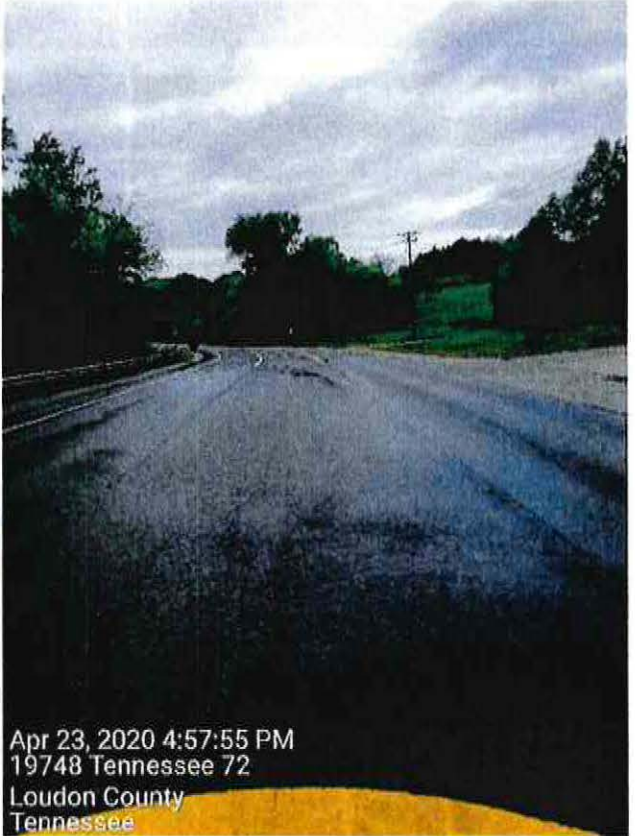
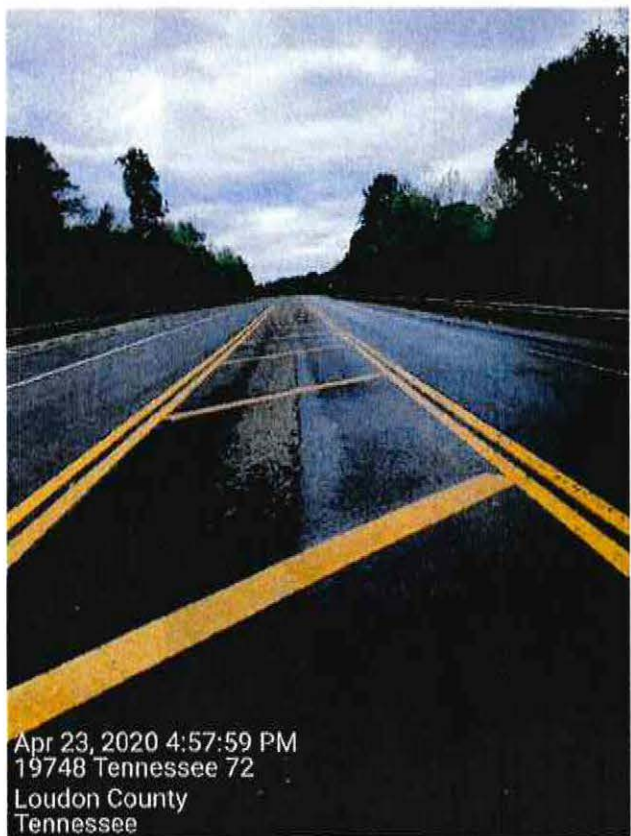
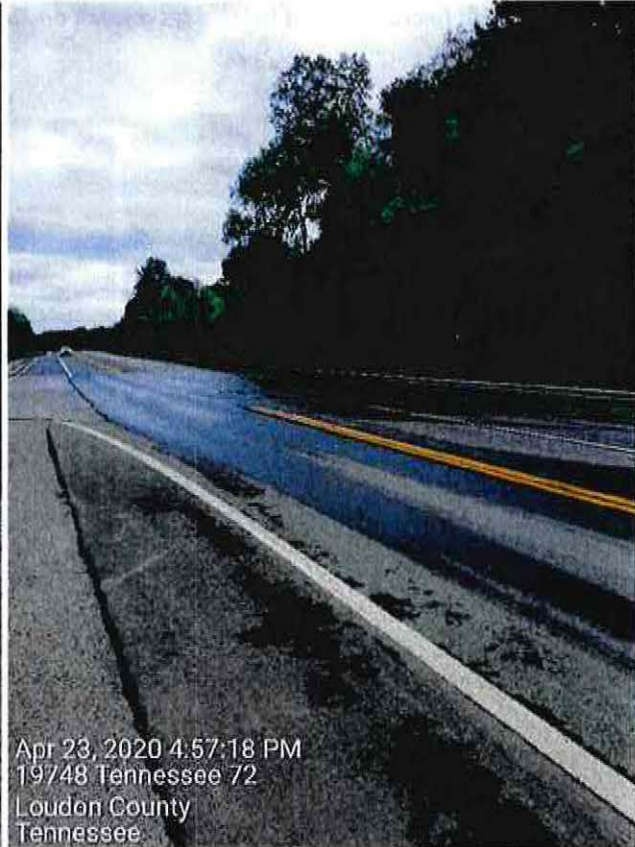
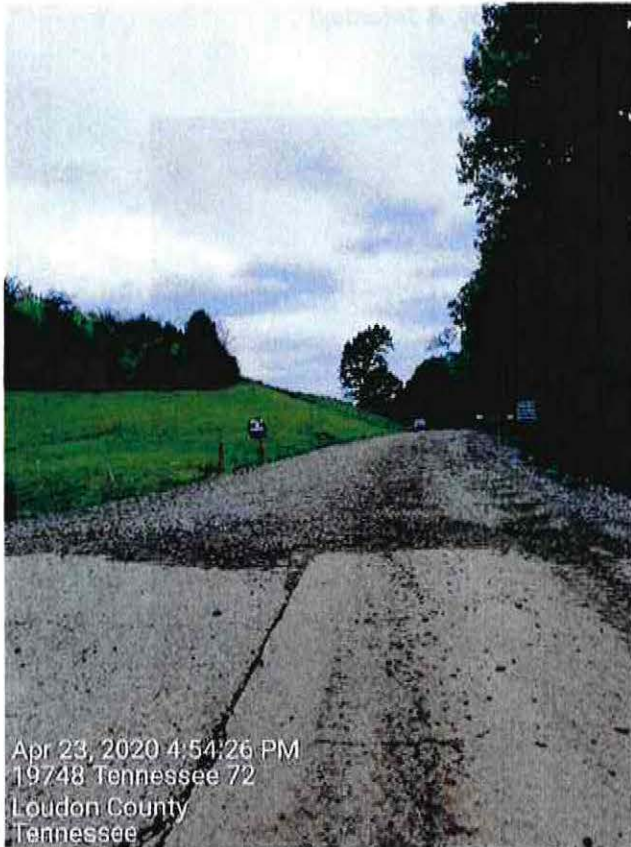
**April 20 – May 2, 2020:** (pictures taken three days a week on Tuesday, Thursday, & Saturday)

**April 21, 2020:**



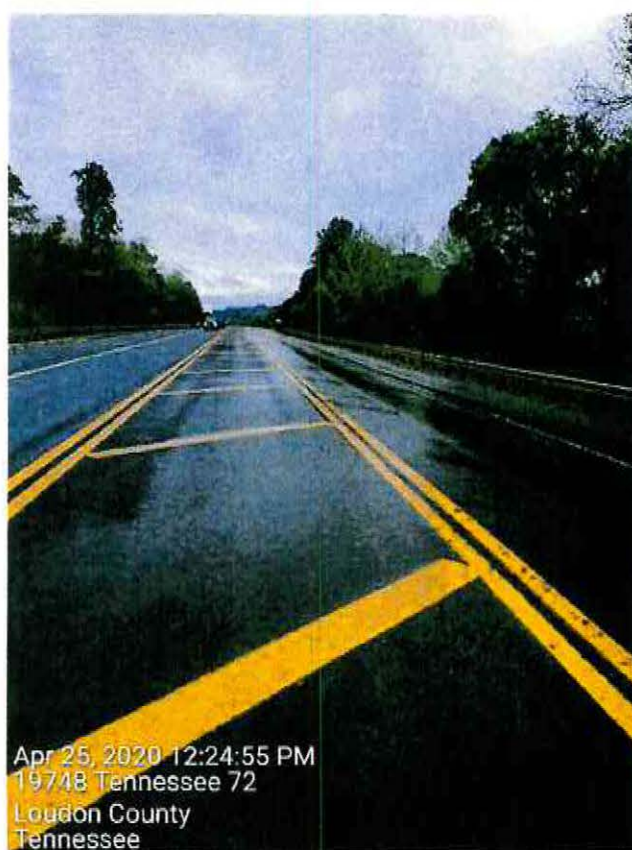
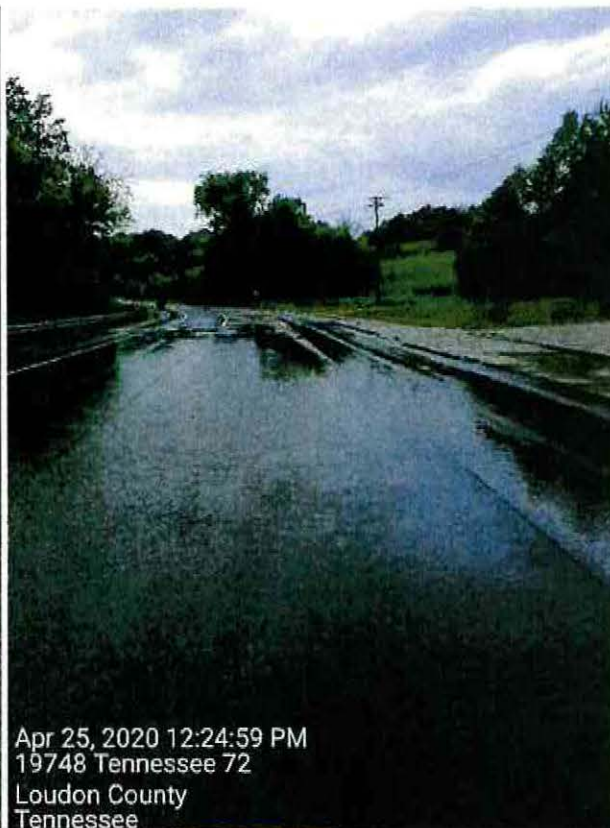
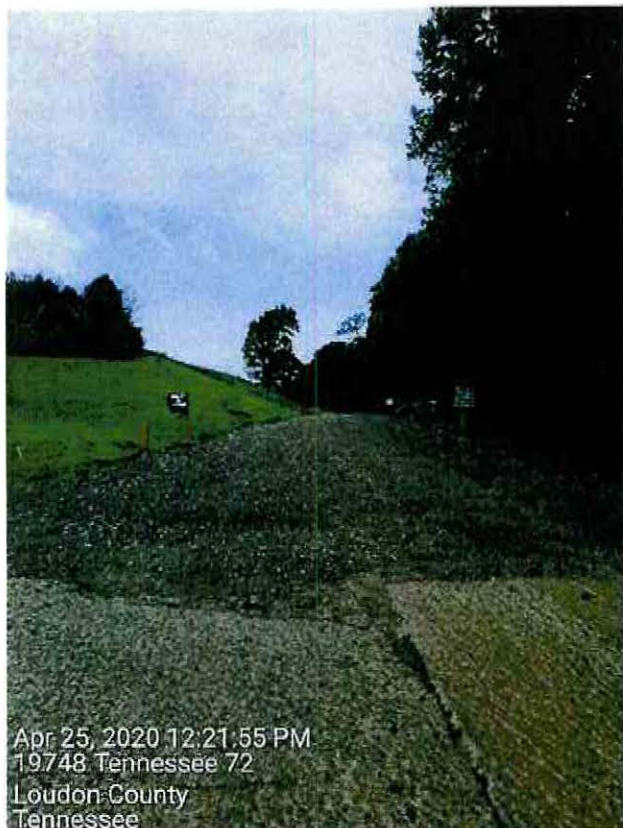


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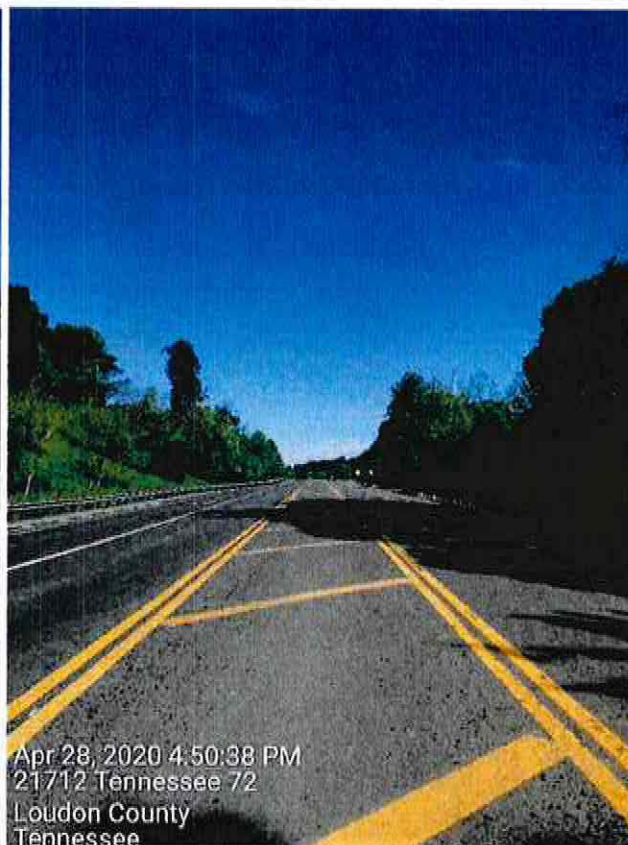
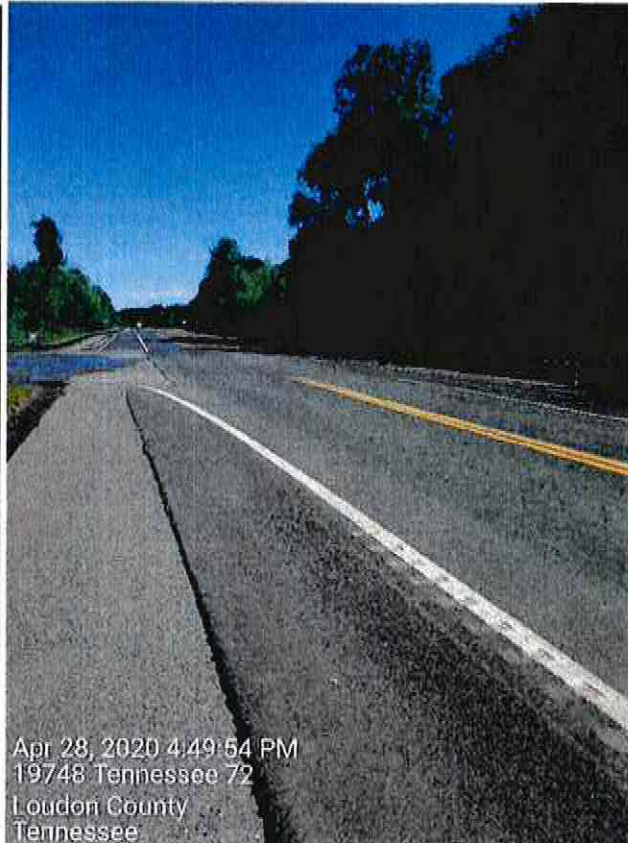
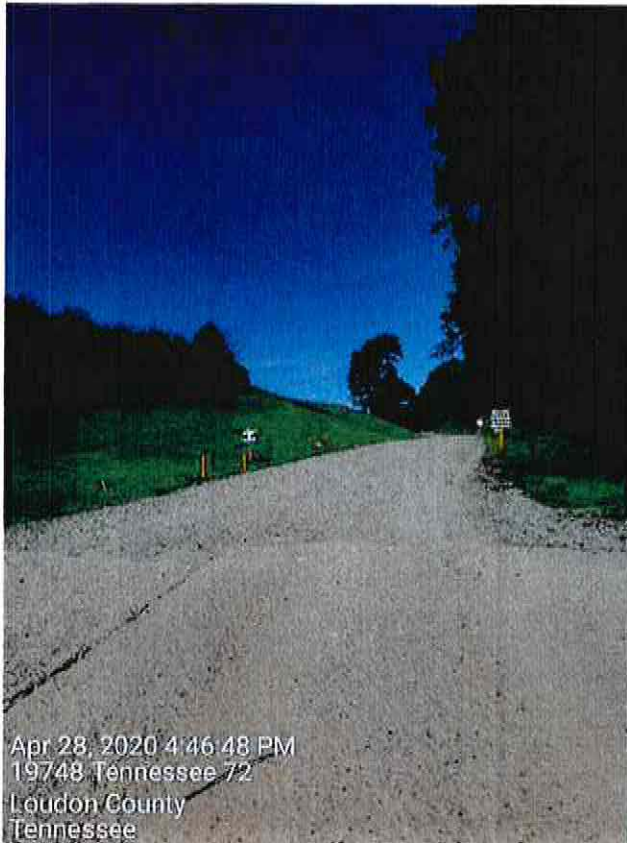


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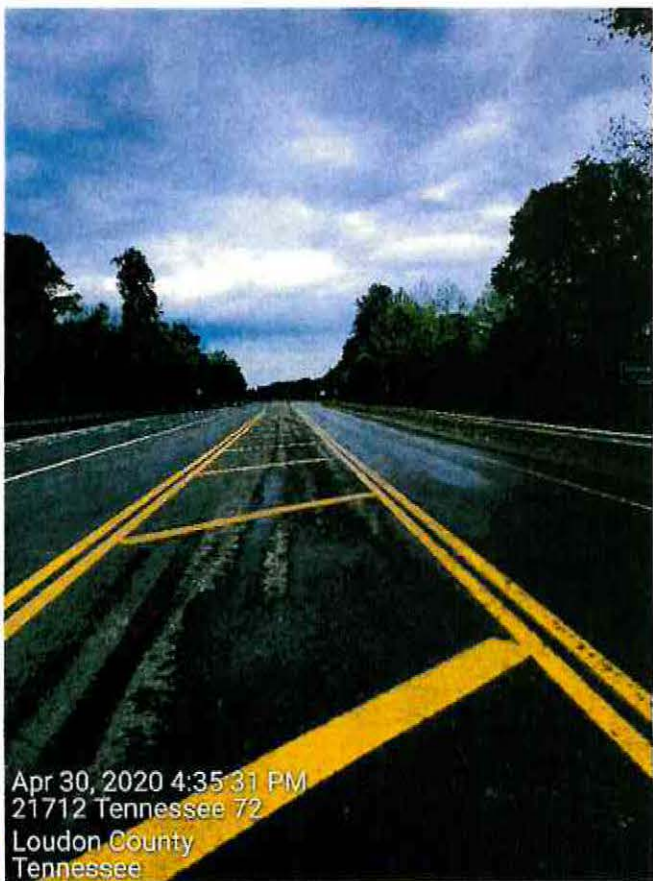
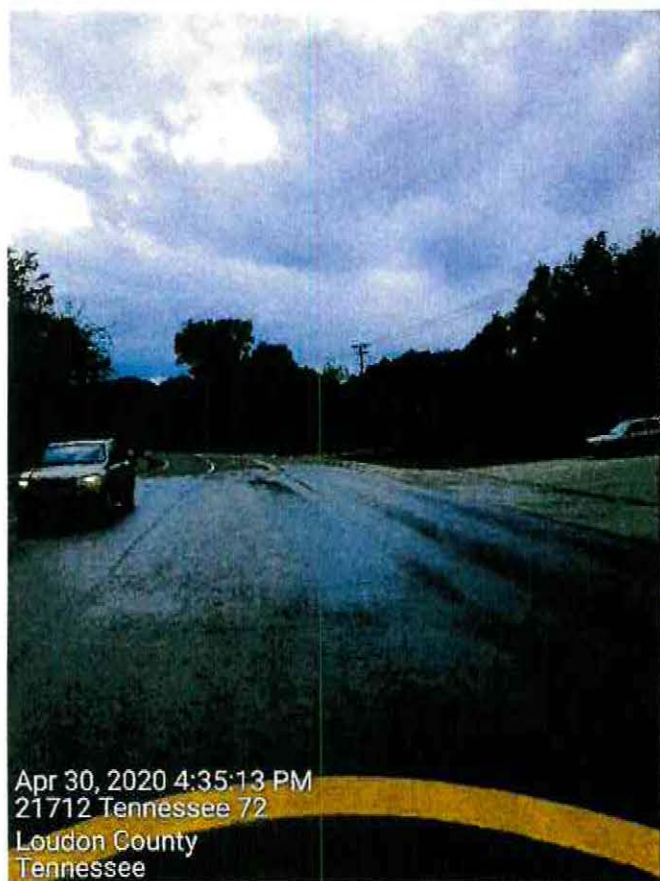
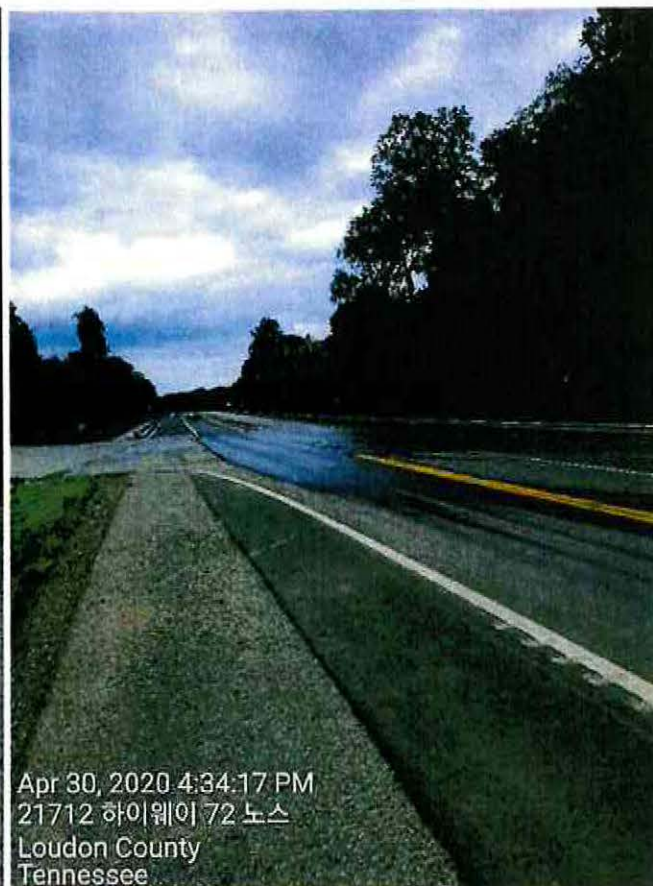
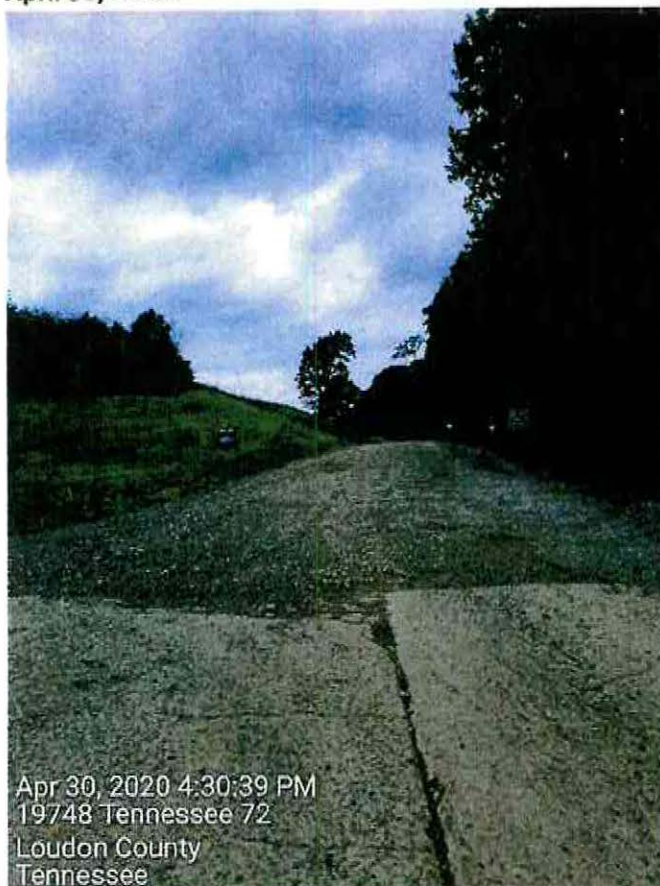


April 28, 2020:



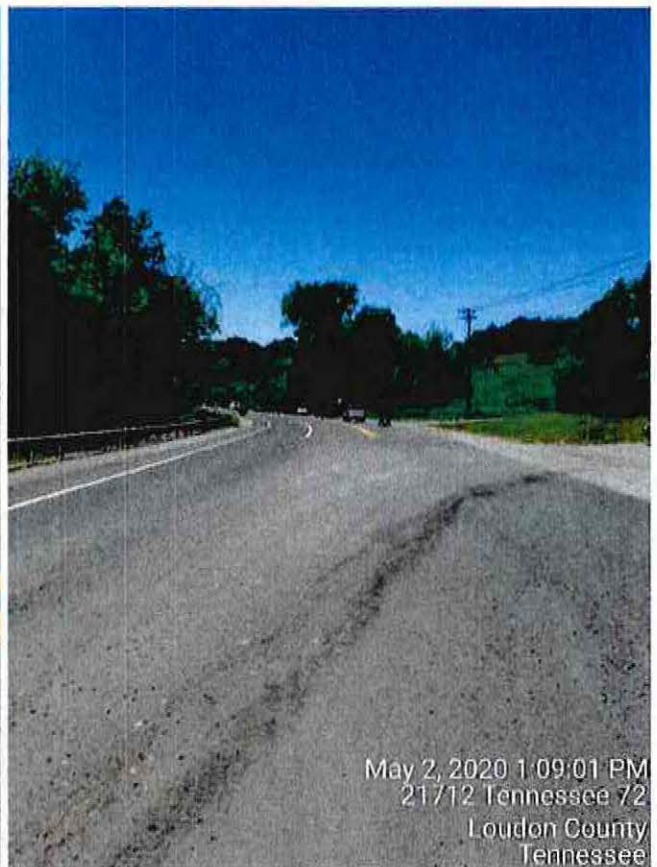
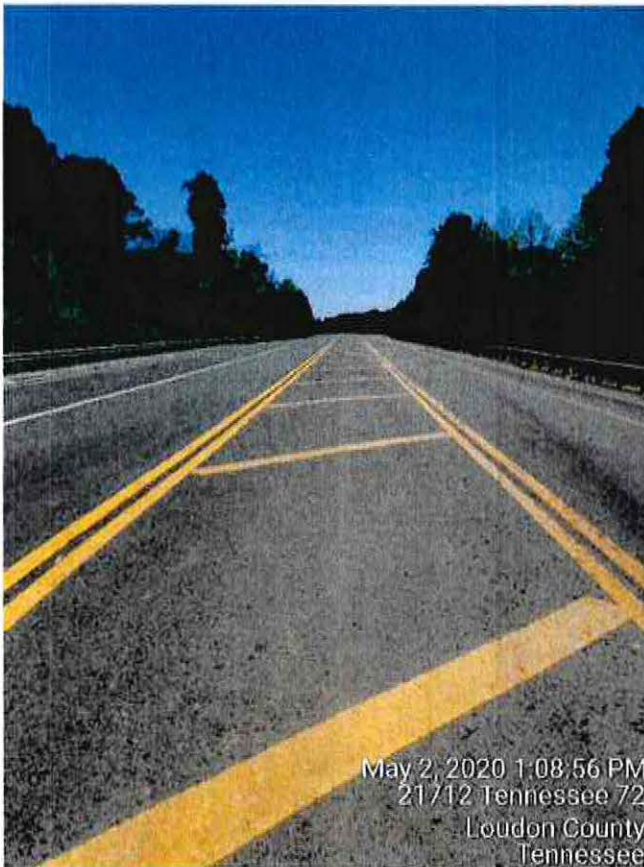
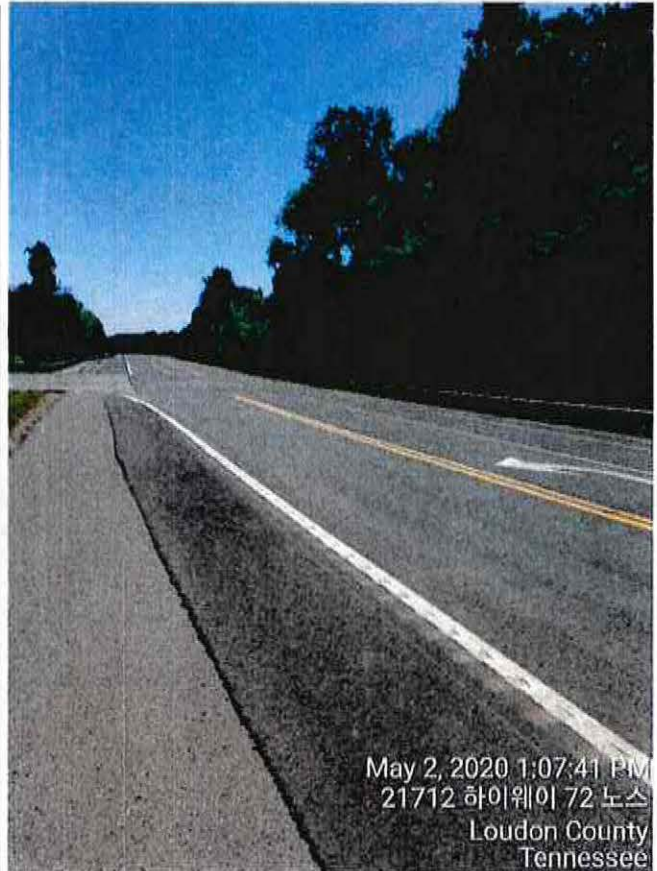
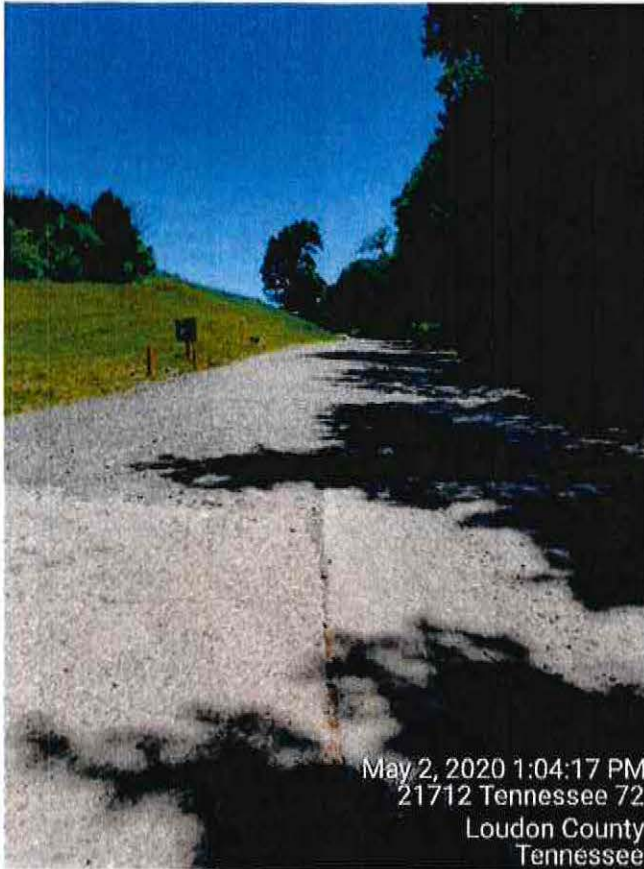


April 30, 2020:





May 2, 2020:





# Matlock Bend Landfill – Highway 72 Maintenance log

Date: 4-20-20

	Washed Highway 72	Swept Highway 72	Start Time	Employee Initial
1	X		7:45	JH
2	X		8:15	JH
3	X		9:00	JH
4	X		9:30	JH
5	X		10:00	JH
6	X		10:30	JH
7	X		11:30	JH
8	X		12:00	JH
9	X		12:30	JH
10	X		1:00	JH
11	X		1:30	JH
12	X		2:15	JH
13	X		3:00	JH
14	X		4:00	JH
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**\*\* Please place an "X" in the designated box to indicate the activity performed.**

# Matlock Bend Landfill – Highway 72 Maintenance log

Date: 4-21-20

	Washed Highway 72	Swept Highway 72	Start Time	Employee Initial
1	X		8:00	JH
2	X		8:30	JH
3	X		8:45	JH
4	X		9:15	JH
5	X		10:00	JH
6	X		10:45	JH
7	X		11:45	JH
8	X		12:15	JH
9	X		1:00	JH
10	X		1:40	JH
11	X		2:10	JH
12	X		3:00	JH
13	X		4:00	JH
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**\*\* Please place an "X" in the designated box to indicate the activity performed.**

# Matlock Bend Landfill – Highway 72 Maintenance log

Date: 4-22-20

	Washed Highway 72	Swept Highway 72	Start Time	Employee Initial
1		X	7:45	JH
2		X	8:30	JH
3		X	9:00	JH
4		X	10:00	JH
5		<del>X</del>	10:45	JH
6		X	11:45	JH
7		X	12:45	JH
8		X	1:30	JH
9		X	2:30	JH
10		<del>X</del>	3:15	JH
11		X	4:00	JH
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**\*\* Please place an "X" in the designated box to indicate the activity performed.**

# Matlock Bend Landfill – Highway 72 Maintenance log

Date: 4.23.20

	Washed Highway 72	Swept Highway 72	Start Time	Employee Initial
1	X		7:30	JS
2	X		8:00	JS
3	X		8:30	JS
4	X		9:00	JS
5	X		9:30	JS
6	X		10:00	JS
7	X		10:30	JS
8	X		12:30	JS
9	X		1:00	JS
10	X		1:30	JS
11	X		2:15	JS
12	X		3:00	JS
13	X		3:30	JS
14	X		4:00	JS
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**\*\* Please place an "X" in the designated box to indicate the activity performed.**



# Matlock Bend Landfill – Highway 72 Maintenance log

Date: 4.24.20

	Washed Highway 72	Swept Highway 72	Start Time	Employee Initial
1	X		7:45	JY
2	X		8:15	JY
3	X		8:45	JY
4	X		9:15	JY
5	X		10:00	JY
6	X		10:30	JY
7	X		11:00	JY
8	X		11:30	JY
9	X		12:30	JY
10		X	1:30	JY
11		X	2:30	JY
12		X	2:00	JY
13		X	3:30	JY
14		X	4:00	JY
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**\*\* Please place an "X" in the designated box to indicate the activity performed.**

# **Matlock Bend Landfill – Highway 72 Maintenance log**

Date: 4.25.20

	Washed Highway 72	Swept Highway 72	Start Time	Employee Initial
1	X		9:00	JJ
2	X		9:00	JJ
3	X		10:00	JJ
4	X		11:00	JJ
5	X		12:00	JJ
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**\*\* Please place an "X" in the designated box to indicate the activity performed.**

# Matlock Bend Landfill – Highway 72 Maintenance log

Date: 4-27-20

	Washed Highway 72	Swept Highway 72	Start Time	Employee Initial
1		X	7:50	JS
2		X	8:30	JS
3		X	9:10	JS
4		X	9:50	JS
5		X	10:30	JS
6		X	11:30	JS
7		X	12:15	JS
8		X	1:00	JS
9		X	1:40	JS
10		X	2:10	JS
11		X	2:40	JS
12		X	3:10	JS
13	X		4:00	JS
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**\*\* Please place an "X" in the designated box to indicate the activity performed.**

# Matlock Bend Landfill – Highway 72 Maintenance log

Date: 4-28-20

	Washed Highway 72	Swept Highway 72	Start Time	Employee Initial
1		X	7:50	JS
2		X	8:30	JI
3		X	9:00	JS
4		X	9:40	JS
5	X		10:00	JI
6	X		10:30	JS
7	X		11:00	JI
8	X		11:30	JS
9	X		12:30	JS
10	X		1:00	JS
11	X		1:30	JS
12		X	2:10	JS
13		X	2:40	JS
14		X	3:10	JS
15		X	4:00	JI
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**\*\* Please place an "X" in the designated box to indicate the activity performed.**



# Matlock Bend Landfill – Highway 72 Maintenance log

Date: 4-29-20

	Washed Highway 72	Swept Highway 72	Start Time	Employee Initial
1		X	8:00	JL
2		X	9:00	JP
3		X	10:00	JS
4		X	11:00	JS
5		X	12:00	JS
6		X	1:00	JS
7		X	2:00	JS
8		X	3:00	JS
9	X		4:00	JS
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**\*\* Please place an "X" in the designated box to indicate the activity performed.**

# Matlock Bend Landfill – Highway 72 Maintenance log

Date: 4-30-20

	Washed Highway 72	Swept Highway 72	Start Time	Employee Initial
1	X		7:45	JJ
2	X		8:15	JJ
3	X		9:00	JJ
4	X	X	10:00	JJ
5		X	10:30	JJ
6		X	11:00	JJ
7		X	12:00	JJ
8		X	12:40	JJ
9		X	1:15	JJ
10		X	2:00	JJ
11		X	2:40	JJ
12	X		3:15	JJ
13	X		4:00	JJ
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**\*\* Please place an "X" in the designated box to indicate the activity performed.**

# Matlock Bend Landfill – Highway 72 Maintenance log

Date: 5-1-20

	Washed Highway 72	Swept Highway 72	Start Time	Employee Initial
1		X	8:00	JS
2		X	8:40	JS
3		X	9:10	JS
4		X	9:50	JS
5		X	10:20	JS
6		X	11:00	JS
7		X	12:00	JS
8		X	12:40	JS
9		X	1:20	JS
10		X	2:00	JS
11		X	3:00	JS
12	X	X	4:00	JS
13				
14				
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22				
23				
24				
25				

**\*\* Please place an "X" in the designated box to indicate the activity performed.**

# Matlock Bend Landfill – Highway 72 Maintenance log

Date: 5-2-20

	Washed Highway 72	Swept Highway 72	Start Time	Employee Initial
1		X	8:00	JJ
2		X	9:00	JJ
3		X	10:00	JJ
4		X	11:00	JJ
5		X	12:00	JJ
6				
7				
8				
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25				

**\*\* Please place an "X" in the designated box to indicate the activity performed.**