

# FLORIDA DEPARTMENT OF Environmental Protection

Southwest District Office 13051 North Telecom Parkway #101 Temple Terrace, Florida 33637-0926 Ron DeSantis Governor

Jeanette Nuñez Lt. Governor

Noah Valenstein Secretary

December 2, 2020

Mike Gore, Director Manatee County Utilities Department 4410 66<sup>th</sup> Street West Bradenton, FL 34210 <u>Mike.Gore@mymanatee.org</u>

Re: Lena Road Class I Landfill Facility ID: 44795 Manatee County

Dear Mr. Gore:

Department personnel conducted a compliance site inspection of the above-referenced facility on November 18, 2020. Based on the information provided during and following the inspection, the facility was determined to be in compliance. A copy of the inspection report is attached for your records.

The Department appreciates your compliance efforts. Should you have any questions or comments, please contact Kaitlyn Newsome at (813) 470-5877, or via e-mail at: Kaitlyn.Newsome@floridadep.gov.

Sincerely,

Steven Tafuni Government Operations Consultant Compliance Assurance Program Southwest District Florida Department of Environmental Protection

Enclosures: Inspection Report

ec: Steven Tafuni, DEP Southwest District, <u>steven.tafuni@floridadep.gov</u> Kaitlyn Newsome, DEP Southwest District, <u>kaitlyn.newsome@floridadep.gov</u> Anthony Detweiler, Manatee County, <u>Anthony.Detweiler@mymanatee.org</u> Bryan White, Manatee County, <u>bryan.white@mymanatee.org</u> Robert Shankle, Manatee County, <u>robert.shankle@mymanatee.org</u>

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Florida Department of Environmental Protection Inspection Checklist

**FACILITY INFORMATION: Facility Name:** LENA RD COUNTY LF **On-site Inspection Start Date:** 11/18/2020 **On-site Inspection End Date:** 11/18/2020 WACS No.: 44795 Facility Street Address: 3333 LENA ROAD BRADENTON City: **County Name:** MANATEE Zip: 34211

### **INSPECTION PARTICIPANTS:**

(Include ALL Landfill and Department Personnel with Corresponding Titles)Principal Inspector: Kaitlyn Newsome, Environmental Specialist IIOther Participants: Anthony Detweiler, Operation Supervisor;

### **INSPECTION TYPE:**

Routine Operation Inspection for Landfill - Class I Routine Operation Inspection for WPF - Waste Tire Processing Facility

## ATTACHMENTS TO THE INSPECTION CHECKLIST:

This Cover Page to the Inspection Checklist may include any or all of the following attachments as appropriate.

### Note: Checklist items with shaded boxes are for informational purposes only.

- 1.0 SECTION 1.0 FILE REVIEW
- 2.0 SECTION 2.0 LANDFILL OPERATION AND MAINTENANCE
- 9.0 SECTION 9.0 WASTE TIRE FACILITIES

Inspection Date: 11/18/2020

#### 1.0 - SECTION 1.0 - FILE REVIEW

Requirements:

The requirements listed in this section provide an opportunity for the Department's inspector to indicate the conditions found at the time of the inspection. A "Not Ok" response to a requirement indicates either a potential violation of the corresponding rule or an area of concern that requires more attention. Both potential violations and areas of concern are discussed further at the end of this inspection report.

ltem No.	FILE REVIEW (Pre- or Post-Inspection, as appropriate.)	Ok	Not Ok	Unk	N/A
1.1	For landfills and C&D disposal facilities, does the facility have a current plan for the method and sequence of filling wastes? 62-701.500(2)(f) for landfills; 62-701.730(7)(a) for C&D debris sites	1			
1.2	For landfills, are the following records being reported to the Department?(Check any that are Not OK) Waste reports (annually) 62-701.500(4) Annual estimate of remaining life 62-701.500(13)(c)	1			
1.3	Is gas monitoring being performed as required by the permit? 62-701.500(9), 62-701.530(2)	1			
1.4	Are the results of the gas sampling reported to the Department quarterly? 62-701.530(2)(c)	1			
1.5	Is water quality sampling and testing performed according to standard procedures and at the required frequencies? 62-701.510(2) for landfills; 62-701.730(8) and 62-701.730(10) for C&D debris sites; 62-713.400(3) for stationary soil treatment facilities.	1			
1.6	Do the results of the water quality testing suggest there may be adverse impacts to water quality from the operation of the solid waste facility? 62-701.510(3) and (4); 62-701.730(4)(c) and (10) for C&D debris sites; 62-713.400(3) for stationary soil treatment facilities.			1	
1.7	For closed landfills and C&D disposal facilities with final elevations higher than 20 feet above grade, has a final survey report verifying the final elevations and contours of the facility been submitted to the Department? 62-701.600(6)(b), 62-701.730(9)(e)				1
1.8	Is financial assurance adequate? 62-701.630 for landfills; 62-701.710(7)(a) and 62- 701.710(1)(d)1. for waste processing facilities; 62-701.730(11)(a) for C&D debris facilities; 62- 713.600(6)(a) for stationary soil treatment facilities; 62-711.500(3) for waste tire facilities. NOTE: The Solid Waste Financial Coordinator in Tallahassee can assist with this information.	1			
1.9	Are cost estimates current and adjusted every year? 62-701.630(4) for landfills; 62-701.710(7)(a) and 62-701.710(1)(d)1. for waste processing facilities; 62-701.730(11)(a) for C&D debris facilities; 62-713.600(6)(b) and 62-713.600(6)(c) for stationary soil treatment facilities; 62-711.500(3) for waste tire facilities.	1			
1.10	For C&D debris disposal and disposal with recycling facilities, is an Annual Report submitted to the Department for the disposal operation by February 1st of each year? 62-701.730(12)				1
1.11	For C&D recycling facilities with no disposal, is an Annual Report for the recycling facility submitted to the Department by February 1st of each year? 62-701.710(8)(b)				1
1.12	For compost facilities, has the compost product been sampled and analyzed every 20,000 tons or every 3 months (whichever is sooner)? 62-709.530(1)				1
1.13	For compost facilities, has the annual report been submitted by June 1st? 62-709.530(3)				1

#### 2.0 - SECTION 2.0 - LANDFILL OPERATION AND MAINTENANCE

**Requirements:** 

The requirements listed in this section provide an opportunity for the Department's inspector to indicate the conditions found at the time of the inspection. A "Not Ok" response to a requirement indicates either a potential violation of the corresponding rule or an area of concern that requires more attention. Both potential violations and areas of concern are discussed further at the end of this inspection report.

Item No.	SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(18))	Ok	Not Ok	Unk	N/A
2.1.1	Unauthorized storage, processing, or disposal of solid waste except as authorized at a permitted solid waste management facility or other exempt facility. 62-701.300(1)(a)	1			
2.1.2	Unauthorized disposal or storage prohibited, except yard trash, within 500 feet of a potable water well? 62-701.300(2)(b)	1			
2.2	Unauthorized storage or disposal of yard trash prohibited within the minimum setbacks of (Check any that are Not OK) 62-701.300(12) 100 feet from potable water wells (except on-site)? 50 feet from water bodies?	1			
2.3	Unauthorized disposal or storage prohibited in any natural or artificial body of water including ground water and wetlands? (Does not apply to standing water after a storm event.) 62-701.300(2)(d)	1			
2.4	Unauthorized disposal or storage prohibited, except yard trash, within 200 feet of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(e)	1			
2.5	Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	1			
2.6	Are the following unauthorized wastes or special wastes properly controlled, managed and disposed? (Check any that are Not OK) Hazardous waste 62-701.300(4) Biomedical waste 62-701.300(6) Yard trash 62-701.300(8)(c) Whole waste tires 62-701.300(8)(e) Regulated asbestos waste 62-701.520(3), 62-701.730(19) Used oil and oily wastes, except as exempted 62-701.300(11) PCB wastes 62-701.300(5) Lead-acid batteries 62-701.300(8)(a) White goods 62-701.300(8)(d) Liquids 62-701.300(10) CCA treated wood 62-701.300(14) Biological waste - Disposal of dead animals due to disease 62-701.520(5)(a) Biological waste - Disposal of captive wildlife, fish or marine mammals, and domestic animals that have not died due to disease 62-701.520(5)(c)	J			
2.7	Are only permitted waste types disposed at facility? 62-701.340(2), 62-701.500(6)(a), 62-701.500(2)(c)	1			
2.6.5	Recommended guidance for Item 2.6 above. Facility was provided a copy of the Department's Disposal of Deceased Domestic Animals Guidance Document dated November 9, 2018. (Note: The Guidance Document is to provide direction regarding the disposal of deceased domestic animals pursuant to Chapter 62-701.520(5), F.A.C. and Chapter 823.041, F.S.)				

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Item No.	LANDFILL OPERATION AND MAINTENANCE	Ok	Not Ok	Unk	N/A
2.8	Is there a trained operator on-site at Class I and III landfills when receiving wastes? 62-701.500(1)	1			
2.9	Is there at least one trained spotter at each working face when receiving wastes at Class I and III landfills? 62-701.500(1)	1			
2.10	Are the following records or plans current and available on-site? (Check any that are Not OK) Training Plan 62-701.320(15)(a) Operating Plan 62-701.500(2) Waste weight records 62-701.500(4) Precipitation records 62-701.500(8)(g) Load-checking program records 62-701.500(6)(a) Training records 62-701.320(15)(a) Operation record 62-701.500(3) Quantity of leachate 62-701.500(8)(f)	~			
2.11	Is the operation plan substantially followed? 62-701.500(2)	1			
2.12	Is incoming waste weighed? 62-701.500(4)(a) and 62-701.500(2)(d)	1			
2.13	Is the method and sequence of filling waste according to plans? 62-701.500(2)(f)	1			
2.14	Is access properly controlled to prevent unauthorized waste disposal? 62-701.500(5)	1			
2.15	Is waste compacted as required? 62-701.500(7)(a)	1			
2.16	Are the working face and side slopes above ground graded to a slope no greater than 3 feet horizontal to 1 foot vertical rise? 62-701.500(7)(c)	1			
2.17	Is a narrow working face practiced? 62-701.500(7)(d)	1			
2.18	Is the frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)	1			
2.19	Is the frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)	1			
2.20	Is litter controlled and are litter control devices maintained? 62-701.500(7)(i) and 62-701.500(11)(f)	1			
2.21	Is erosion control adequate? 62-701.500(7)(j)	1			
2.22	Is the leachate collection and removal system maintained and operated as required? 62-701.500(2)(j), 62-701.500(8)(b) and 62-701.500(8)(h)	1			
2.23	Is leachate disposed of or treated as required? 62-701.500(8)(b), 62-701.500(8)(c) and 62-701.500(8)(d)	1			
2.24	If leachate recirculation is practiced at the facility, is it done in accordance with Department requirements and the Operation Plan? 62-701.400(5)				1
2.25	Is gas controlled to not cause objectionable odors beyond the property boundary? 62-701.530(3)(b)	1			
2.26	Is gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)	1			
2.27	Are gas vents intact and functioning properly? 62-701.500(9), 62-701.530(1)(a)3	1			
2.28	Is mixing of leachate and stormwater prevented or minimized? 62-701.500(10), 62-701.400(9)(b)	1			
2.29	Is stormwater management system maintained and operated as required? 62- 701.500(10)	1			
2.30	Is there sufficient operating equipment? 62-701.500(11)(a)	1			
2.31	Is there sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)	1			
2.32	Are communication facilities adequate? 62-701.500(11)(c)	1			
2.33	Are approved dust control methods adequate? 62-701.500(11)(d)	1			
2.34	Are fire protection and fire fighting capabilities adequate and operational? 62-	1			

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Item No.	LANDFILL OPERATION AND MAINTENANCE	Ok	Not Ok	Unk	N/A
	701.500(11)(e)				
2.35	Are there required signs for operational directions and public information? 62-701.500(11)(g)	1			
2.36	Are all-weather access roads and inside perimeter roads properly maintained? 62-701.500(12)	1			
2.37	Are groundwater wells intact and properly maintained? 62-701.510(2)(b), 62-701.620(8)	1			
2.38	Are all additional specific conditions (not otherwise addressed above) in the permit, Department order, or certification, if any, being followed? 62-701.320(1), 403.161, F.S.	\$			

#### 9.0 - SECTION 9.0 - WASTE TIRE FACILITIES

#### **Requirements:**

The requirements listed in this section provide an opportunity for the Department's inspector to indicate the conditions found at the time of the inspection. A "Not Ok" response to a requirement indicates either a potential violation of the corresponding rule or an area of concern that requires more attention. Both potential violations and areas of concern are discussed further at the end of this inspection report.

Item No.	SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62- 701.300(18))	Ok	Not Ok	Unk	N/A
9.1.1	Unauthorized storage, processing, or disposal of solid waste except as authorized at a permitted solid waste management facility or other exempt facility? 62-701.300(1)(a)	1			
9.1.2	Unauthorized disposal or storage prohibited, except yard trash, within 500 feet of a potable water well? 62-701.300(2)(b)	1			
9.2	Unauthorized storage or disposal of yard trash prohibited within the minimum setbacks of (Check any that are Not OK) 62-701.300(12) 100 feet from potable water wells (except on-site)? 50 feet from water bodies?	1			
9.3	Unauthorized disposal or storage prohibited in any natural or artificial body of water including ground water and wetlands? (Does not apply to standing water after a storm event) 62-701.300(2)(d)	1			
9.4	Unauthorized disposal or storage prohibited, except yard trash, within 200 feet of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(e)	1			
9.5	Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	1			
Item No.	WASTE TIRE FACILITY - GENERAL REQUIREMENTS FOR STORAGE	Ok	Not Ok	Unk	N/A
9.6	If the facility accepts tires from the public, is a sign posted at the facility entrance stating operating hours, cost of disposal and site rules? 62-711.540(1)(a)	1			
9.7	Are operations involving the use of open flames conducted no closer than 25 feet of a waste tire pile? 62-711.540(1)(b)	1			
9.8	If the facility accepts tires from the public, is an attendant always present on site when the site is open for business? 62-711.540(1)(c)	1			
9.9	Are fire protection services assured through notification to local fire protection authorities? 62-711.540(1)(d)	1			
9.10	Is an annual fire safety survey conducted? 62-711.540(1)(d)	1			
9.11	Is a copy of the annual fire safety report made part of the next quarterly report? 62-711.540(1)(d)	1			
9.12	Does the facility have an Emergency Preparedness Manual (EPM) on-site? 62-711.540(1)(e)	1			
9.13	Does the EPM contain the following information? (Check all that are Not OK) Contact names and numbers 62-711.540(1)(e)1 List of emergency response equipment and locations on-site 62-711.540(1)(e)2 Procedures to be followed in the event of a fire 62-711.540(1)(e)3	~			
9.14	Is the operator at the facility maintaining records of the quantity of waste tires received at the site, stored at the site, and shipped from the site? 62-711.540(1)(g) and 62-711.400(5)	1			
9.15	If the operator of the site is not the owner of the property, has written authorization been obtained from the property owner to operate the facility? 62-711.540(1)(h)				1
9.16	Is adequate communications equipment available at the site? 62-711.540(1)(i)	1			
9.17	Is the owner or operator providing for control of mosquitoes and rodents so as to protect the public health and welfare? 62-711.540(1)(j)	1			

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Item No.	WASTE TIRE FACILITY - STORAGE INDOORS	Ok	N O	ot k	Unk	N/A
9.18	Are waste tire piles more than 50 feet in width? 62-711.540(2)(a)					1
9.19	Are waste tire piles along a wall more than 25 feet in width? 62-711.540(2)(a)					1
9.20	Are widths of main aisles between piles less than 8 feet? 62-711.540(2)(b)					1
9.21	Is there less than 3 feet of clearance between the top of storage to sprinkler detectors or roof structures? 62-711.540(2)(c)					1
9.22	Is there less than 3 feet of clearance between waste tire piles and unit heaters, etc.? 62-711.540(2)(d)					1
9.23	If waste tires are stored up to 15 feet high, do walls between adjacent warehouse areas and between manufacturing and warehouse areas have at least a four-hour fire rating? 62-711.540(2)(e)					1
9.24	If waste tires are stored over 15 feet high, do walls between manufacturing and warehouse areas have a fire rating of not less than six hours and do steel columns have one-hour fireproofing? If the top of storage exceeds 20 feet in height, do columns and their connections with other structural members have two-hour fireproofing? 62-711.540(2)(f)					5
9.25	Is the access controlled through the use of doors, fences, gates, natural barriers or other means? 62-711.540(2)(h)					1
ltem No.	WASTE TIRE FACILITY - STORAGE OUTDOORS		Ok	Not Ok	Unk	N/A
9.26	Is the waste tire site operated within 200 feet from a body of water? 62-711.540(3)(a)		1			
9.27	Does the waste tire pile have a width less than 50 feet? 62-711.540(3)(b)		1			
9.28	Does the waste tire pile have an area less than 10,000 sq. ft? 62-711.540(3)(b)		1			
9.29	Does the waste tire pile have a height less than 15 feet? 62-711.540(3)(b)		1		1	
9.30	Is there a 50 feet wide fire lane around the perimeter of the waste tire pile? 62-711.540(3)	)(c)	1			+
9.31	Is there unobstructed access to the fire lane? 62-711.540(3)(c)		1			+
9.32	Is the access controlled through the use of doors, fences, gates, natural barriers or other means? 62-711.540(3)(d)		1			1
9.33	Is the site kept free of grass, underbrush, and other potentially flammable vegetation? 62-711.540(3)(f)	-	1			
9.34	Is the site bermed or given other adequate protection to prevent liquid runoff from enterin water bodies? 62-711.540(3)(e)	g	1			
9.35	Are residuals contained on-site and disposed of in a permitted solid waste management facility or properly recycled? 62-711.540(5)		1			
9.36	Does the waste tire site qualify for the exceptions to the technical and operational standar as allowed by rule? 62-711.540(6)	rds	1			
ltem No.	WASTE TIRE FACILITY - COLLECTION CENTER		Ok	Not Ok	Unk	N/A
9.37	Are no more than 1,500 tires at the collection center at any one time? 62-711.550(1)(a)					1
9.38	Are all waste tires, which are not used tires, removed from site yearly for recycling, processing, or disposal? 62-711.550(1)(b)					1

#### COMMENTS:

Item 1.6: As indicated in the 05/21/2020 Inspection Report issued by the Department on June 11, 2020, Arsenic was noted above the MCL of 50 ug/L for SW-2 during a review of the 2nd Half 2018 - 2nd Half 2019 Groundwater Monitoring Reports. The 2nd Semi-Annual 2019 submittal attributed these exceedances to the sample's elevated turbidity. Please provide the Department with supporting information and/or additional clarification in the next submittal if Arsenic continues to be detected. Per discussion with Ms. Rodriguez (dated 09/01/2020) following review of the 1st Semi-Annual 2020 GWMR, the County continues to track the metals concentrations in MW-10, MW-13 and MW-18 during routine groundwater monitoring events prior to proposing any further assessment. The County is currently evaluating trend data for Arsenic, Vanadium and other leachate indicator compounds and will include this discussion in the upcoming 2020 Groundwater Technical Report (due 12/01/20 following recent 11/24/20 extension request approval).

Item 2.6.5: At the time of inspection, a paper copy of the Department's "Disposal of Deceased Domestic Animals" guidance document, dated 11/09/2018, was supplied to the facility.

Item 2.8-2.10; 9.12: Random load check documentation was reviewed from July 6, 2020 through November 09, 2020. Training records were reviewed for Mr. Juan Garza, Mr. Danny Newman and Mr. Keith Jones, the current operators and spotters on-site. Precipitation records and leachate quantity records are reviewed as part of the regular monthly submittals received by the Department. The Operation Plan (last revised September 2017 w/ included Contingency Plan) as well as the WTPF Emergency Preparedness Manual were confirmed to located on-site and readily accessible. Asbestos records with corresponding GPS coordinates were reviewed from 2003-current indicating the most recent load of friable Asbestos was accepted on April 8, 2014. Following the inspection, the facility provided HAZWOPER Annual Refresher documentation for Mr. Scott Wood dated November 18, 2019. Per discussion with Ms. Metcalfe (Administrative Assistant), Mr. Wood will complete his refresher course for 2020 after the Thanksgiving holiday.

Item 2.13: Per discussion with facility representatives, the facility is currently in Phase II, Sequence 3 working South to North as per the approved Fill & Sequence Plan (last revised September 2017).

Item 2.19/2.21: At the time of inspection, Department staff noted areas of absent and/or sparse cover associated with the recent gas collection system expansion performed in early Summer 2020. Specifically, intermediate cover located on both the top and South side slope of Stage III appeared to be in need of reseeding. Per discussion with Mr. Detweiler, Manatee County has recently purchased a new seeder and plans to reseed these areas within the next month. Please provide the Department with photo documentation of Phase III within 30 days of the reseeding event. Additionally, please continue to monitor these areas and regrade/reseed as necessary.

Item 2.37: All groundwater wells were not inspected during this inspection. All of the wells that were inspected were secured and labeled.

Item 9.10/9.11: The most recent annual fire safety survey for the waste tire processing facility was completed on August 5, 2020 by the East Manatee Fire Rescue indicating compliance. The report however, was not included in the 3rd Quarter 2020 Waste Tire Processing Report received by the Department on October 8, 2020. Moving forward, please ensure that the annual fire safety survey is included as part of the following quarterly report.

Item 9.30: At the time of the inspection, a 50 feet wide fire lane was not established around the perimeter of the waste tire pile. On November 23, 2020, Mr. Detweiler provided photo documentation to the Department via email detailing the pile had been consolidated with the perimeter road reestablished.

#### ATTACHMENTS:

Inspection Date: 11/18/2020

# White Goods Storage Pad



Interior Lane - SOPF

Electronic Waste Storage



Perimeter Road - SOPF



Perimeter Road - SOPF #2



D-005 Outfall



GW-26 Locked & Secured

GW-21 Locked & Secured



Inspection Date: 11/18/2020

## Eastern Side Slope of Stage I

Retention Area #2





Flare



Cover On Top of Stage III



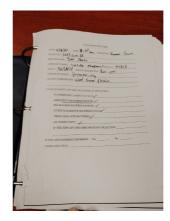
Working Face of Stage II



Annual Fire Safety Survey



## Random Load Checking Records



Inspection Date: 11/18/2020

## Waste Tire Pile

Tire Pile Post-Inspection (East)



Inspection Date: 11/18/2020

### Signed:

Kaitlyn Newsome	Environmental Specialist II	
PRINCIPAL INSPECTOR NAME	PRINCIPAL INSPECTOR TITL	E
RINCIPAL INSPECTOR SIGNATURE	DEP ORGANIZATION	11/24/2020 DATE
Anthony Detweiler	Operation Supervisor	
REPRESENTATIVE NAME	<b>REPRESENTATIVE TITLE</b> Manatee County Solid Waste	
NO SIGNATURE REQUIRED	Division	
REPRESENTATIVE SIGNATURE	ORGANIZATION	

NOTE: By signing this document, the Site Representative only acknowledges receipt of this Inspection Report and is not admitting to the accuracy of any of the items identified by the Department as "Not Ok" or areas of concern.

#### **Report Approvers:**

Approver: Steve Tafuni

Inspection Approval Date: 12/02/2020