



**Florida Department of
Environmental Protection
Inspection Checklist**

FACILITY INFORMATION:

Facility Name: LIBERTY TIRE RECYCLING, LLC

On-Site Inspection Start Date: 11/29/2017

On-Site Inspection End Date: 11/29/2017

WACS No.: 70963

Facility Street Address: 9675 RANGE LINE ROAD

City: PORT SAINT LUCIE

County Name: ST. LUCIE

Zip: 34987

INSPECTION PARTICIPANTS:

(Include ALL Landfill and Department Personnel with Corresponding Titles)

Principal Inspector: Ben J Fisch, Inspector

Other Participants: Bridgette Bucell, Environmental Scientist; Keith Bloomer, General Manager

INSPECTION TYPE:

Routine Operation Inspection for WPF - Waste Tire Processing Facility

Complaint Investigation Inspection for WPF - Waste Tire Processing Facility

Routine Operation Inspection for Other - Waste Tire Collector

ATTACHMENTS TO THE INSPECTION CHECK LIST:

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

1.0 - SECTION 1.0 - FILE REVIEW

9.0 - SECTION 9.0 - WASTE TIRE FACILITIES

Inspection Date: 11/29/2017

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.

| Item 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 | ✓ | | | |
| 1.2 | For landfills, are the following records being reported to the Department?(Check any that are Not OK) <input type="checkbox"/> Waste reports (annually) 62-701.500(4) <input type="checkbox"/> Annual estimate of remaining life 62-701.500(13)(c) | ✓ | | | |
| 1.3 | Is leachate sampled, tested and disposed as required? 62-701.500(8)(a), 62-701.510(6)(c) | | | | |
| 1.3 | Is gas monitoring being performed as required by the permit? 62-701.500(9), 62-701.530(2) | ✓ | | | |
| 1.4 | Are the results of the gas sampling reported to the Department quarterly? 62-701.530(2)(c) | ✓ | | | |
| 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. | ✓ | | | |
| 1.6 | 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. | ✓ | | | |
| 1.7 | 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) | ✓ | | | |
| 1.8 | 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. | ✓ | | | |
| 1.9 | 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. | ✓ | | | |
| 1.10 | 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) | ✓ | | | |
| 1.11 | 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) | ✓ | | | |
| 1.12 | 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) | ✓ | | | |
| 1.13 | For compost facilities, has the annual report been submitted by June 1st? 62-709.530(3) | ✓ | | | |

Inspection Date: 11/29/2017

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) | ✓ | | | |
| 9.1.2 | Unauthorized disposal or storage prohibited, except yard trash, within 500 feet of a potable water well? 62-701.300(2)(b) | ✓ | | | |
| 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) <input type="checkbox"/> 100 feet from potable water wells (except on-site)? <input type="checkbox"/> 50 feet from water bodies? | ✓ | | | |
| 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) | ✓ | | | |
| 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) | ✓ | | | |
| 9.5 | Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3) | ✓ | | | |
| 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) | ✓ | | | |
| 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) | ✓ | | | |
| 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) | ✓ | | | |
| 9.9 | Are fire protection services assured through notification to local fire protection authorities? 62-711.540(1)(d) | ✓ | | | |
| 9.10 | Is an annual fire safety survey conducted? 62-711.540(1)(d) | ✓ | | | |
| 9.11 | Is a copy of the annual fire safety report made part of the next quarterly report? 62-711.540(1)(d) | ✓ | | | |
| 9.12 | Does the facility have an Emergency Preparedness Manual (EPM) on-site? 62-711.540(1)(e) | ✓ | | | |
| 9.13 | Does the EPM contain the following information? (Check all that are Not OK) <input type="checkbox"/> Contact names and numbers 62-711.540(1)(e)1 <input type="checkbox"/> List of emergency response equipment and locations on-site 62-711.540(1)(e)2 <input type="checkbox"/> 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) | ✓ | | | |
| 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) | ✓ | | | |
| 9.16 | Is adequate communications equipment available at the site? 62-711.540(1)(i) | ✓ | | | |

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| Item No. | WASTE TIRE FACILITY - GENERAL REQUIREMENTS FOR STORAGE | Ok | Not Ok | Unk | N/A |
|----------|---|----|--------|-----|-----|
| 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) | ✓ | | | |
| Item No. | WASTE TIRE FACILITY - STORAGE INDOORS | Ok | Not Ok | Unk | N/A |
| 9.18 | Are waste tire piles more than 50 feet in width? 62-711.540(2)(a) | ✓ | | | |
| 9.19 | Are waste tire piles along a wall more than 25 feet in width? 62-711.540(2)(a) | ✓ | | | |
| 9.20 | Are widths of main aisles between piles less than 8 feet? 62-711.540(2)(b) | ✓ | | | |
| 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) | ✓ | | | |
| 9.22 | Is there less than 3 feet of clearance between waste tire piles and unit heaters, etc.? 62-711.540(2)(d) | ✓ | | | |
| 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) | ✓ | | | |
| 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) | ✓ | | | |
| 9.25 | Is the access controlled through the use of doors, fences, gates, natural barriers or other means? 62-711.540(2)(h) | ✓ | | | |
| Item 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) | ✓ | | | |
| 9.27 | Does the waste tire pile have a width less than 50 feet? 62-711.540(3)(b) | ✓ | | | |
| 9.28 | Does the waste tire pile have an area less than 10,000 sq. ft? 62-711.540(3)(b) | ✓ | | | |
| 9.29 | Does the waste tire pile have a height less than 15 feet? 62-711.540(3)(b) | ✓ | | | |
| 9.30 | Is there a 50 feet wide fire lane around the perimeter of the waste tire pile? 62-711.540(3)(c) | ✓ | | | |
| 9.31 | Is there unobstructed access to the fire lane? 62-711.540(3)(c) | ✓ | | | |
| 9.32 | Is the access controlled through the use of doors, fences, gates, natural barriers or other means? 62-711.540(3)(d) | ✓ | | | |
| 9.33 | Is the site kept free of grass, underbrush, and other potentially flammable vegetation? 62-711.540(3)(f) | ✓ | | | |
| 9.34 | Is the site bermed or given other adequate protection to prevent liquid runoff from entering water bodies? 62-711.540(3)(e) | ✓ | | | |
| 9.35 | Are residuals contained on-site and disposed of in a permitted solid waste management facility or properly recycled? 62-711.540(5) | ✓ | | | |
| 9.36 | Does the waste tire site qualify for the exceptions to the technical and operational standards as allowed by rule? 62-711.540(6) | ✓ | | | |
| Item 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) | ✓ | | | |
| 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) | ✓ | | | |

Inspection Date: 11/29/2017

COMMENTS:

The facility was inspected by Department personnel on 11/29/2016, for a complaint by OER with solid waste and used tire rules and regulations.

The facility is authorized to operate a waste tire processing facility under permit number 0041202-005-WT, issued June 5, 2013, expires June 26, 2018. The facility utilizes shredders, cutters, choppers, classifiers, granulators, magnetic separators and cracker mills to size reduce waste tires for the production of rubber products, asphalt additives, crumb rubber, Tire Derived Fuel, septic tank aggregate, playground surfaces and steel. Department inspectors were escorted through the facility by Mr. Keith Bloomer, General Manager.

The facility was operating at the time of inspection and appeared to be in compliance with the applicable processing, storage and management, and capacity requirements of their permit and 62-711, FAC.

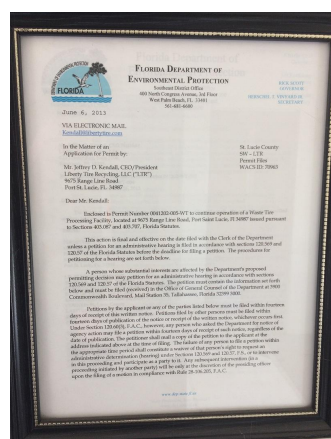
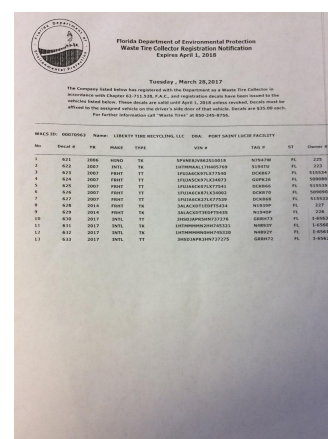
The inspectors did not observe the presence of rainwater collection in tires, nor was the presence of mosquitoes noted or observed at facility during this inspection. Mr. Bloomer reported that spraying is done with commercially available pesticide. The facility was advised to conduct weekly spraying for mosquitoes in consideration of the season and current concerns about mosquito-borne illnesses.

Records Review:

Inspectors reviewed the facility's Emergency Preparedness Manual, and requested minor revisions related to emergency personnel and the Department's emergency response information to bring the document up to date.

The facility's quarterly reports were on file with the Department. The facility's annual cost estimates were up to date. The facility completed their 2017 annual fire safety inspection.

At the time of inspection, The facility is in compliance with Waste Tire Processing and Collector requirements.

ATTACHMENTS:**Permit On Site****Waste Tire Collector Registration**

Inspection Date: 11/29/2017

Maintaince Building



Tire Processor Unit



Processed Tire Pile (large)



Processed Steel and Rubber Area



Unwanted Tire Sorting/Remove area



Discharge of Hand Wash into drain



Inspection Date: 11/29/2017

Signed:

Ben J Fisch

PRINCIPAL INSPECTOR NAME

Inspector

PRINCIPAL INSPECTOR TITLE**PRINCIPAL INSPECTOR SIGNATURE**

DEP

ORGANIZATION

12/01/2017

DATE

Bridjette Bucell

INSPECTOR NAME

Environmental Scientist

INSPECTOR TITLE

NO SIGNATURE REQUIRED

INSPECTOR SIGNATURE

DEP

ORGANIZATION

Keith Bloomer

REPRESENTATIVE NAME

General Manager

REPRESENTATIVE TITLE

NO SIGNATURE REQUIRED

REPRESENTATIVE SIGNATURE

Liberty Tire Recycling, LLC.

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:** Ben J Fisch**Inspection Approval Date:** 12/29/2017