



Florida Department of
Environmental Protection
Inspection Checklist

FACILITY INFORMATION:

Facility Name: GLOBAL TIRE RECYCLING OF SUMTER COUNTY, INC.

On-Site Inspection Start Date: 11/23/2010

On-Site Inspection End Date: 11/23/2010

WACS No.: 53122

Facility Street Address: 1201 INDUSTRIAL RD

City: WILDWOOD

County Name: SUMTER

Zip:

INSPECTION PARTICIPANTS:

(Include ALL Landfill and Department Personnel with Corresponding Titles)

Principal Inspector: Dinah Frazier, Inspector

Other Participants: Mark Bailey, Operations Manager; Patricia Johns, Accounting Manager

INSPECTION TYPE:

Routine Operation Inspection for Waste Processing - Tire Processing Facility

Routine Operation Inspection for Other Facilities - Waste Tire Facility

ATTACHMENTS TO THE INSPECTION CHECK LIST:

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

SECTION 1.0 - FILE REVIEW

SECTION 4.0 - WASTE PROCESSING FACILITIES

SECTION 9.0 - WASTE TIRE FACILITIES

Inspection Date: 11/23/2010

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.) Completed | 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) | | | | ✓ |
| 1.4 | Is gas monitoring being performed as required by the permit? 62-701.500(9), 62-701.530(2) | | | | ✓ |
| 1.5 | Are the results of the gas sampling reported to the Department quarterly? 62-701.530(2)(c) | | | | ✓ |
| 1.6 | 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(4)(b) and (10) for C&D debris sites; 62-713.400(3) for stationary soil treatment facilities. | | | | ✓ |
| 1.7 | 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. | | | | ✓ |
| 1.8 | 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)(d) | | | | ✓ |
| 1.9 | Is financial assurance adequate? 62-701.630 for landfills; 62-701.710(7)(a) and (10)(a) 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. | | | ✓ | |
| 1.10 | Are cost estimates current and adjusted every year? 62-701.630(4) for landfills; 62-701.710(7)(b) and (10)(a) for waste processing facilities; 62-701.730(11)(b) and (c) for C&D debris facilities; 62-713.600(6)(b) and (c) for stationary soil treatment facilities; 62-711.500(3) for waste tire facilities. | ✓ | | | |
| 1.11 | For C&D debris disposal and disposal with recycling facilities, is an Annual Report submitted to the Department for the disposal operation by April 1st of each year? 62-701.730(12) | | | | ✓ |
| 1.12 | For C&D recycling facilities with no disposal, is an Annual Report for the recycling facility submitted to the Department by April 1st of each year? 62-701.710(9)(b) | | | | ✓ |
| 1.13 | 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) | | | | ✓ |
| 1.14 | For compost facilities, has the annual report been submitted by June 1st? 62-709.530(3) | | | | ✓ |

Inspection Date: 11/23/2010

SECTION 4.0 - WASTE PROCESSING 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)) Completed | Ok | Not Ok | Unk | N/A |
|----------|--|----|--------|-----|-----|
| 4.1.1 | 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) | ✓ | | | |
| 4.1.2 | Unauthorized disposal or storage prohibited, except yard trash, within 500 feet of a potable water well? 62-701.300(2)(b) | ✓ | | | |
| 4.2 | 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? | ✓ | | | |
| 4.3 | 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) | ✓ | | | |
| 4.4 | 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) | ✓ | | | |
| 4.5 | Unauthorized open burning of solid waste prohibited, except in accordance with Department requirements? 62-701.300(3) | ✓ | | | |
| 4.6 | Are the following unauthorized wastes or special wastes properly managed? (Check any that are Not OK) <input type="checkbox"/> Hazardous waste 62-701.300(4) <input type="checkbox"/> Biomedical waste 62-701.300(6) <input type="checkbox"/> Used oil and oily wastes, except as exempted 62-701.300(11) <input type="checkbox"/> PCB wastes 62-701.300(5) <input type="checkbox"/> Liquids 62-701.300(10) | ✓ | | | |

| Item No. | WASTE PROCESSING FACILITY OPERATION AND MAINTENANCE Completed | Ok | Not Ok | Unk | N/A |
|----------|--|----|--------|-----|-----|
| 4.7 | Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have adequate ventilation? 62-701.710(3)(a) | ✓ | | | |
| 4.8 | For areas not enclosed, is litter controlled and are litter control devices maintained? 62-701.710(3)(a) | | ✓ | | |
| 4.9 | Is leachate collection and removal system maintained and operated as required? 62-701.710(3)(b) | ✓ | | | |
| 4.10 | Are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b) | ✓ | | | |
| 4.11 | Are the following records or plans current and available on-site? (Check any that are Not OK) <input type="checkbox"/> Operation and Maintenance Manual 62-701.710(4)(a)1 <input type="checkbox"/> Contingency Plan 62-701.710(4)(a)3 <input type="checkbox"/> Operation records 62-701.710(9)(a) | ✓ | | | |
| 4.12 | Is the Operation and Maintenance Manual substantially followed? 62-701.710(4)(a)1 | ✓ | | | |
| 4.13 | Are putrescible wastes stored no longer than 48 hours or as otherwise allowed in the Operation and Maintenance Plan? 62-701.710(4)(b) | | | | ✓ |
| 4.14 | Are areas where putrescible waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b) | | | | ✓ |
| 4.15 | Are the operating hours posted at the facility? 62-701.710(4)(c)1 | ✓ | | | |

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| Item No. | WASTE PROCESSING FACILITY OPERATION AND MAINTENANCE Completed | Ok | Not Ok | Unk | N/A |
|----------|--|----|--------|-----|-----|
| 4.16 | Is a trained operator on duty whenever the facility is operating? 62-701.710(4)(c)1 | ✓ | | | |
| 4.17 | Is at least one trained spotter on duty at all times that waste is received at the facility to inspect the incoming waste? 62-701.710(4)(c)2 | ✓ | | | |
| 4.18 | Are unauthorized wastes removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2 | ✓ | | | |
| 4.19 | Is the facility operated to control objectionable odors? 62-701.710(4)(d) | ✓ | | | |
| 4.20 | Is adequate fire protection equipment available and operational? 62-701.710(4)(e) | ✓ | | | |
| 4.21 | Is access to the facility controlled by fencing or other effective barriers to prevent disposal of unauthorized solid waste? 62-701.710(4)(f) | ✓ | | | |
| 4.22 | If the facility is a Transfer Station and is claiming the financial assurance exemption, does it manage the waste on a first-in, first-out basis and store waste for no greater than 7 days? 62-701.710(10)(a) | | | | ✓ |
| 4.23 | Is stormwater effectively controlled? 62-701.710(8) | | ✓ | | |
| 4.24 | 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. | | ✓ | | |

| Item No. | WASTE PROCESSING FACILITY CLOSURE Completed | Ok | Not Ok | Unk | N/A |
|----------|--|----|--------|-----|-----|
| 4.25 | Has the solid waste or residue been properly disposed of within 30 days after receiving the final solid waste shipment? 62-701.710(6)(c) | | | | ✓ |
| 4.26 | Has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d) | | | | ✓ |

Inspection Date: 11/23/2010

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)) Completed | 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 Completed | 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) | ✓ | | | |
| 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 Completed | Ok | Not Ok | Unk | N/A |
|----------|---|----|--------|-----|-----|
|----------|---|----|--------|-----|-----|

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| Item No. | WASTE TIRE FACILITY - STORAGE INDOORS Completed | 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 in height, do walls have at least a 4- hour fire rating? 62-711.540(2)(e) | ✓ | | | |
| 9.24 | If waste tires are stored more than 15 feet in height, do walls have a fire rating of not less than 6 hours and columns one hour FR? If more than 20 feet, do columns and its connections with other structural members have two hour FR? 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 Completed | 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 Completed | 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) | | | | ✓ |

Current Areas Of Concern:

Area: Front (east) parking lot.

Rule: 62-701.710(3)(a)

Question Number: 4.8

Explanation: Rule 62-701.710(3)(a) requires areas that are not enclosed be equipped with litter control devices.

The Operation Plan states fiber residue will be stored in Area J, on the north side of the processing building.

Inspection Date: 11/23/2010

Fiber residue, which at this facility is classified as litter, was observed in the facility driveway, the parking lot and on the grass adjacent to the parking lot.

Corrective Action: The fiber residue should remain in the designated storage areas. The transfer trailers hauling residual fiber should be adequately covered to prevent residue from littering the parking lot and driveway.

Area: North side of building.

Rule: 62-701.710(8)

Question Number: 4.23

Explanation: Specific Condition 7. states, "The site shall have a surface water management system operated and maintained to prevent surface water flow on to the unloading, loading and storage areas, and a stormwater runoff system to meet the requirements of FAC Rule 62-330...."

The stormwater drain located on the north side of the processing building was clogged with fiber residue. Water was ponding on top of the drain.

Corrective Action: Please remove the fiber residue from this drain to maintain flow to the stormwater pond.

Please refer to the Comments section of this report for additional information.

Rule: 403.161, 62-701.320(1)

Question Number: 4.24

Explanation: Specific Condition 8.e. states, "...The maximum storage in each designated storage area or container is limited to the quantities specified on Figure A2L-1S Site Storage Plan." The Operation Plan states, "The maximum storage time (Area J) will be 48 hours".

An excess amount of fiber residue was stored outside of the processing building. The facility is permitted to store up to 89 cubic yards in Area J2, with a pile dimension of 12 x 50 x 4. The pile was significantly taller than 4 feet and longer than 12 feet. Both roll-offs were over-filled with fiber and wire. The facility operator stated the waste hauler was not providing service on a consistent basis. Due to the upcoming Thanksgiving holiday weekend, the material could not be removed until November 28, exceeding the 48-hour storage time. The storage time was extended due to the holiday weekend.

Note: This item is a pre-existing area of concern from the March 3, 2010, inspection report listed under item 9.38.

Corrective Action: Please remove the fiber residue and wire stored on the ground outside the building. Please remove the waste in the roll-offs for disposal. Please remove the wire in the roll-off for recycling. Please submit photos and disposal information regarding this activity.

Refer to the Comments section of this report for additional information.

Inspection Date: 11/23/2010

Rule: 62-711.540(1)(d)

Question Number: 9.11

Explanation: Specific Condition 9b. states, "In the event that deficiencies are noted in the annual fire safety inspection report, within 30 days of completion the permittee shall provide documentation to the Department indicating correction of any deficiencies noted. The documentation shall include approval of the corrections by the local fire authority."

The Department received a copy of the 2011 fire safety survey on January 13, 2011. The facility failed the inspection and was not in compliance with three items on the report.

Corrective Action: Please submit documentation the three items were corrected and a copy of the approved fire inspection report.

Pre-existing Areas Of Concern:

Rule: 62-711.540(5)

Question Number: 9.38

Explanation: There was a pile of wire and fiber located on the ground, adjacent to the conveyor belt. The roll-off was full of wire.

Corrective Action: The Operations Plan states "Wire and fiber will only be stored on the ground temporarily prior to loading. The maximum storage time will be 48 hours". Please ensure residuals and rejects are removed within 48 hours

Attachments:

Wire and fibers on ground.



Semi-trailer for wire and fibers.



Inspection Date: 11/23/2010

Full roll-off of trash and wire.



COMMENTS:

03/10/2011

Item 1.9 and 1.10 Marked "Unknown" and "O.K.", respectively. The Department received the 2011 inflation-adjusted cost estimates (dated February 11, 2011) on February 14, 2011. The Department approved the estimates on March 17, 2011.

Item 4.23 The final drain to the stormwater pond was examined and did not appear to be clogged with fiber residue. Fiber residue was not observed in the outfall to the pond.

Item 4.24 On December 1, 2010, the Department received pictures and documentation the fiber residue and wire was removed on November 29, 2010. Eighteen tons of fiber was removed for disposal and 20 tons of wire was removed for recycling. These activities address this area of concern.

Item 9.10 Marked "O.K." The fire safety survey reviewed during the inspection was dated 1.13.10. The next fire safety survey is due 1.13.11. The facility operator stated he would transmit a copy.

Items 9.23 & 9.24 Marked "O.K." The maximum height of indoor tire storage is five feet. The waste processing building walls, columns, and structural members are not required to have specific fire ratings.

ATTACHMENTS:

North side of building: Area J.



Fiber in parking lot.



Inspection Date: 11/23/2010

Fiber in parking lot.



Residue overflowing the roll-off.



Area F: tire loading hoppers.



Stormwater pond.



Close-up of stormwater pond.



Stormwater drain in Area J.



Inspection Date: 11/23/2010

Stormwater to pond @ this grate.



Inspection Date: 11/23/2010

Signed:

Dinah Frazier

PRINCIPAL INSPECTOR NAME

Inspector

PRINCIPAL INSPECTOR TITLE*Dinah Frazier***PRINCIPAL INSPECTOR SIGNATURE**

FDEP SWD

ORGANIZATION

11/29/2010

DATE

Mark Bailey

REPRESENTATIVE NAME

Operations Manager

REPRESENTATIVE TITLE

NO SIGNATURE

REPRESENTATIVE SIGNATURE

Global Tire Recycling

ORGANIZATION

Patricia Johns

REPRESENTATIVE NAME

Accounting Manager

REPRESENTATIVE TITLE

NO SIGNATURE

REPRESENTATIVE SIGNATURE

Global Tire Recycling

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.