



Florida Department of Environmental Protection

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Lt. Governor

Herschel T. Vinyard Jr.
Secretary

August 7, 2012

ELECTRONIC MAIL
dmulberger@cfl.rr.com

Mr. Dennis Mulberger
Consolidated Tire Processing, LLC
3665 Darby Road
New Smyrna Beach, FL 32168

OCD-SW-12-301

Volusia County – SW WACS # 100465
Consolidated Tire – Waste Tire Processing Facility
Permit # WT64-0310464-001
Inspection Report Transmittal

Dear Mr. Mulberger:

On July 26, 2012, a representative of the Florida Department of Environmental Protection conducted an inspection at the above referenced facility to determine the status of compliance with the Department's solid waste regulations. A copy of the inspection report is attached for your review.

Please contact me by telephone at (407) 897-4312 or by e-mail at gloria.depradine@dep.state.fl.us or contact Brad Whidden at (407) 897-4315 or by e-mail at Brad.Whidden@dep.state.fl.us if you have any questions or need additional information.

Sincerely,

A handwritten signature in cursive script that reads 'Gloria-Jean De Pradine'. The signature is written in black ink and is positioned above a horizontal line.

Gloria-Jean De Pradine
Compliance & Enforcement Supervisor
Solid Waste

GND/bw

Attachment: Inspection Report



Florida Department of
Environmental Protection
Inspection Checklist

FACILITY INFORMATION:

Facility Name: CONSOLIDATED TIRE PROCESSING, LLC

On-Site Inspection Start Date: 07/26/2012

On-Site Inspection End Date: 07/26/2012

WACS No.: 100465

Facility Street Address: 3100 S Ridgewood Ave

City: South Daytona

County Name: VOLUSIA

Zip: 32119

INSPECTION PARTICIPANTS:

(Include ALL Landfill and Department Personnel with Corresponding Titles)

Principal Inspector: Brad Whidden, Inspector

Other Participants: Dennis Mulberger, Managing Director

INSPECTION TYPE:

Routine Operation Inspection for Waste Processing - Tire Processing 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 9.0 - WASTE TIRE FACILITIES

Inspection Date: 07/26/2012

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: 07/26/2012

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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Inspection Date: 07/26/2012

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:

Rule: 62-711.540(2)(a)

Question Number: 9.19

Explanation: The main storage pile did not have an aisle 25 feet from the outer wall.

Corrective Action: An 8 foot aisle must be established within 25 from the outer wall or the size of the tire pile must be reduced to no more than 25 feet from the outer wall.

Inspection Date: 07/26/2012

COMMENTS:

07/26/2012

A new tire baler is now in operation. Dennis Mulberger said it is approximately 3 times more efficient and is able to bale tires at a much faster rate. Dennis said the facility is actively working towards baling the remaining waste tires stored on-site and shipping them out. He believes the facility is close to its goal of minimal tire storage and being able to bale the tires as they arrive.

During the previous inspection, the facility was storing approximately 15,000 total tires. The current amount of total tires was significantly less. Dennis Mulberger estimates there are currently between 5000-6000 whole tires and 2400 baled tires. There were approximately 300 tires set aside for resale. He said the facility is reducing the amount of tires it takes in by half while the facility bales the stored tires and finds new shipping destinations. Dennis stated that the facility will soon be in compliance with Specific condition # 12, DEP Permit #WT64-0310464-001 and will have less than 7,000 total tires stored on-site.

Tire Storage:

There was no aisle 25 feet from the outside wall of the main storage pile. Dennis Mulberger said that the aisle caved in. He said that this will no longer be an issue once the size of the tire pile is reduced. He said the facility is on track to reduce the pile with the new baler in operation.

ATTACHMENTS:

Baled Tires



Waste Tire Storage



New Baling Machine



Tires for resale



Inspection Date: 07/26/2012

Inspection Date: 07/26/2012

Signed:

Brad Whidden

PRINCIPAL INSPECTOR NAME

Inspector

PRINCIPAL INSPECTOR TITLE

Brad Whidden

PRINCIPAL INSPECTOR SIGNATURE

FDEP

ORGANIZATION

8/2/2012

DATE

Dennis Mulberger

REPRESENTATIVE NAME

Managing Director

REPRESENTATIVE TITLE

NO SIGNATURE

REPRESENTATIVE SIGNATURE

Consolidated Tire

ORGANIZATION

Supervisor: Gloria DePradine

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.