

Vaquer, Pablo

From: Vaquer, Pablo
Sent: Friday, June 24, 2005 10:45 AM
To: Jack Wilson (E-mail)
Cc: Forrest, William
Subject: Compliance Inspection - 05 09 2005 - Florida Tire Recycling

Personnel from the Department of Environmental Protection's Southeast District conducted a compliance inspection of your facility on May 9, 2005. The attached "Solid Waste Management Facility Inspection Checklist" is provided as documentation of that inspection. Your facility was observed to be in compliance with Chapter 62-701, FAC.

You are encouraged to continue operating your facility responsibly.



Inspection Checklist
Florida T...

Pablo M. Vaquer
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION SOLID WASTE MANAGEMENT FACILITY INSPECTION CHECKLIST

Facility Name: Florida Tire Recycling, Inc.

WACS No. 00070963 GMS I.D. Number (if available): 5156P00818

Inspection Date: 05/09/2005 Permit No.: 41202-WT-002 Expiration Date: 05/19/2008

Facility Address : 9675 Range Line Road

City: Port St. Lucie County: St. Lucie Zip: 34987

Permittee or Operating Authority Jack Wilson, Owner/Operator

Telephone Number (Permittee or Operating Authority): (772) 465-0477 (Jack Wilson)

Inspection Participants (Include ALL Landfill and Department Employees Specifying Titles):

Principal Inspector: William Forrest/FDEP, Pablo Vaquer/FDEP

Other Participants: Jack Wilson/FTR

TYPE OF FACILITY (check all that apply):

Landfill: ☐ Class I ☐ Class II ☐ Class III	C&D Facility: ☐ Disposal ☐ Disposal w/Recycling ☐ Land Clearing	Waste Processing Facility: ☐ Transfer Station ☐ C&D Recycling ☐ Class III MRF ☐ MSW MRF ☐ Pulverizer/Shredder ☐ Compactor/Baling ☒ Other: <u>Waste Tire Processor</u>	Other Facilities: ☐ Composting ☐ WTE Facility ☐ Incinerator/Trench Burner ☐ Unauthorized Disposal ☐ Other _____
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TYPE OF INSPECTION (check all that apply):

☐ Construction Completion ☒ Operation ☐ Closure ☐ Long-Term Care	☐ Complaint Investigation ☐ Routine Inspection ☐ Reinspection ☒ Facility File Review	☐ Other _____
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REQUIREMENTS:

THE REQUIREMENTS LISTED IN THIS INSPECTION CHECKLIST ARE BASED UPON RULES OF THE FLORIDA ADMINISTRATIVE CODE. A "NO" RESPONSE TO A REQUIREMENT (UNLESS OTHERWISE NOTED) REFLECTS A VIOLATION OF THE CORRESPONDING DEPARTMENT RULE(S). EACH VIOLATION IS DISCUSSED IN THE NARRATIVE SECTION OF THIS REPORT.

I. SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(16))		YES	NO	Unk	N/A
1.	Unauthorized disposal/storage prohibited in areas lacking geological support? 62-701.300(2)(a)	X			
2.	Unauthorized disposal/storage prohibited, except yard trash, within 500' of a potable water well? 62-701.300(2)(b)	X			
3.	Unauthorized disposal/storage prohibited in a dewatered pit unless pit is lined and has leachate controls? 62-701.300(2)(c)	X			
4.	Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(d)	X			
5.	Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(e)	X			

I. SOLID WASTE PROHIBITIONS (CONTINUED)		YES	NO	Unk	N/A
6.	Unauthorized disposal/storage prohibited, except yard trash, within 200' 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)(f)	X			
7.	Unauthorized disposal/storage prohibited on the right of way of any public highway, road or alley? 62-701.300(2)(g)	X			
8.	Unauthorized disposal/storage prohibited, except yard trash, within 1000' of a potable water well serving a community water system? 62-701.300(2)(h)	X			
9.	Is open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3) ARSON INVESTIGATION IN PROGRESS	X			
10.	Is hazardous waste disposal prohibited? 62-701.300(4)				X
11.	Is PCB disposal prohibited except in accordance with Department requirements? 62-701.300(5)				X
12.	Unless specifically authorized, is the known disposal of untreated biomedical waste prohibited? 62-701.300(6)				X
13.	Is lead-acid battery disposal prohibited? 62-701.300(8)(a)				X
14.	Is yard trash disposal prohibited in lined landfills? 62-701.300(8)(c)				X
15.	Is the disposal of white goods prohibited? 62-701.300(8)(d)				X
16.	Is whole waste tire disposal prohibited except in accordance with Department requirements? 62-701.300(8)(e)	X			
17.	Is the known disposal of lead-acid batteries, mercury-containing devices, or spent mercury-containing lamps in waste-to-energy facilities prohibited? 62-701.300(9)				X
18.	Is the facility in compliance with the liquid restrictions on disposal? 62-701.300(10)				X
19.	Is the disposal of used oil or used oil mixed with wastes prohibited in landfills with the exception of: (1) oily wastes, sorbents or other materials used for maintenance or to clean up spills, leaks or accidental releases of used oil; and (2) soils contaminated with used oil from spills and accidental releases? 62-701.300(11) and 62-701.300(8)(b)				X
20.	Is the unauthorized storage/disposal of yard trash prohibited within the minimum setbacks for potable water wells (except on-site), water bodies and community water supply wells? 62-701.300(12)				X
21.	Is the storage of solid waste in an approved tank prohibited within 500 feet of any existing community water supply well or within 100 of any other existing potable water supply well? 62-701.300(13)				X
22.	Is the facility exempted from the prohibitions because of indoor storage in an area with an impervious surface and leachate collection system? 62-701.300(14)				X
24.	Is the facility exempted from the prohibitions because of storage in a vehicle that is enclosed or covered and the vehicle has been unloaded or moved over public highways within the previous seven days? 62-701.300(15)				X

II. CLASS I, II & III LANDFILLS		YES	NO	Unk	N/A
A. CONSTRUCTION VERIFICATION					
1.	Subgrade or foundation adequately prepared? 62-701.400(3)(a)2				X
2.	Liner construction/installation according to plans? 62-701.400(3)				X
3.	Leachate collection and removal system installed according to plans? 62-701.400(4)				X
4.	Disposal units constructed at planned intervals? 62-701.400(2)				X
5.	Gas management system installed according to plans (if currently required)? 62-701.530(3) & (4)				X
6.	Soil monitoring probes (for monitoring combustible gases) installed along property boundaries as needed? 62-701.530(2)(b)				X
7.	Surface water management system construction according to plans? 62-701.400(9)				X
8.	Ground water monitoring system constructed according to approved plan? 62-701.510(2)				X
9.	Leachate storage constructed according to plans? 62-701.400(6)				X
10.	Liner quality assurance plan followed? 62-701.400(7)				X
B. OPERATION AND MAINTENANCE					X
11.	Trained operator on-site at Class I and III landfills during operation? 62-701.500(1)				
12.	At least one spotter at each working face during operation at Class I and III? 62-701.500(1)				X

II. CLASS I, II & III LANDFILLS (CONTINUED)		YES	NO	Unk	N/A
B. OPERATION AND MAINTENANCE (CONTINUED)					
13.	Is the training plan maintained and available on-site and is it being followed properly? 62-701.320(15)(a)				X
14.	Are training records maintained and available on-site at the facility? 62-701.320(15)(a)				X
15.	Approved operating plan and permit, operating and waste records maintained? 62-701.500(2), (3), (4), (8)(f), (8)(g), (13)				X
16.	Is the operation plan substantially complied with at all times and revised as needed? 62-701.500(2)				X
17.	Weighing or measuring of incoming waste? 62-701.500(4)(a)&(2)(d)				X
18.	Method and sequence of filling waste according to plans? 62-701.500(2)(f)				X
19.	Is access properly controlled to prevent unauthorized waste disposal? 62-701.500(5)				X
20.	Load checking program implemented? 62-701.500(6)				X
21.	Waste compaction as required? 62-701.500(7)(a)				X
22.	Working face and side grades above ground sloped no greater than 3-ft. horizontal to 1-ft. vertical rise? 62-701.500(7)(c)				X
23.	Is a narrow working face practiced? 62-701.500(7)(d)				X
24.	Are only permitted waste types disposed at facility? 62-701.340(3), 62-701.500(6)(a)&(2)(c)				X
23.	Is an adequate quantity of acceptable cover material available as stated in permit application? 62-701.330(3)(e)4, 62-701.530(1)(a)				X
25.	Frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)				X
37.	Initial cover adequate to control birds, blowing wastes, disease vectors or fires? 62-701.500(7)(e)				X
26.	Frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				X
27.	Uncontrolled and unauthorized scavenging prohibited? 62-701.500(7)(h)				X
28.	Litter controlled and litter control devices maintained? 62-701.500(7)(i) and (11)(f)				X
29.	Adequate erosion control? 62-701.500(7)(j)				X
30.	Is leachate sampled and tested as required? 62-701.500(8)(a) & 62-510(6)(c)				X
31.	Leachate collection and removal system maintained and cleaned as required? 62-701.500(2)(j), 62-701.500(8)(b) & (h)				X
32.	Leachate disposed of or treated as required? 62-701.500(8)(b), (c) and (d))				X
33.	If leachate recirculation is practiced at the facility, is it done in accordance with Department requirements and the Operation Plan? 62-701.400(5)				X
34.	Gas monitoring according to permit? 62-701.500(9) & 62-701.530(2)				X
35.	Gas controlled to not cause objectionable odors beyond the property boundary? 62-701.530(3)(b)				X
36.	Gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)				X
37.	Gas pressures not interfering with or causing failure of the liner or leachate control system? 62-701.530(1)(a) 4.				X
38.	Gas vents intact and functioning properly? 62-701.500(9) & 62-701.530(1)(a) 3.				X
39.	Mixing of leachate and stormwater prevented or minimized? 62-701.500(10) & 62-701.400(9)(c)				X
40.	Peak discharge stormwater run-on to unclosed portions of the landfill prevented as required? 62-701.500(10), 62-701.400(9)(b)				X
41.	Retention and/or detention ponds/ditches, culverts, berms maintained? 62-701.500(10)				X
42.	Sufficient operating equipment? 62-701.500(11)(a)				X
43.	Sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)				X
44.	Adequate communication facilities? 62-701.500(11)(c)				X
45.	Adequate approved dust control methods? 62-701.500(11)(d)				X
46.	Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(e)				X
47.	Required signs for operational directions and public information? 62-701.500(11)(g)				X
48.	Are all-weather access roads and inside perimeter roads properly maintained? 62-701.500(12)				X
49.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.620(9)				X
50.	Water quality sampling and testing according to standard procedures and at required frequencies? 62-701.510(2)				X
51.	Is there proper control, management or disposal of special wastes? 62-701.520				X
52.	Are all specific conditions in the permit being followed? 62-701.320(1)				X

II. CLASS I, II & III LANDFILLS (CONTINUED)		YES	NO	Unk	N/A
C. <u>CLOSURE</u>					
53.	Final cover installation according to approved design plans and does the present condition and function appear adequate? 62-701.600(5)(f)(2)				X
54.	Gas pressures not interfering with or causing failure of the final cover? 62-701.530(1)(a) 4.				X
55.	Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(l)				X
56.	All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)				X
57.	Has a final survey or an as-built report with all survey monuments and other permanent markers for waste filled areas been received? 62-701.610(2) & (3)				X
58.	Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)				X
59.	If waste is being relocated, is this performed according to the Department's requirements? 62-701.620(8)				X
60.	Long term care performed adequately? 62-701.620				X
61.	Financial assurance adequate? 62-701.630				X
62.	Are cost estimates current and adjusted every year? 62-701.630(4)				X

III. WASTE PROCESSING FACILITIES		YES	NO	Unk	N/A
A. <u>OPERATION AND MAINTENANCE</u>					
1.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)	X			
2.	Are areas of the facility that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				X
3.	Except for C&D Recyclers, is the facility designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water? 62-701.710(3)(b)				X
4.	If the facility is a C&D Recycler, is it designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b)				X
5.	Is an Operation and Maintenance Manual available at the facility and is it being followed? 62-701.710(4)(a) 1.	X			
6.	Are there procedures available at the facility to handle unauthorized wastes? 62-701.710(4)(a)2.	X			
7.	Is a Contingency Plan available at the facility which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.	X			
8.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				X
9.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				X
10.	Are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				X
11.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.	X			
12.	Is a trained operator on duty whenever the facility is operating? 62-701.710(4)(c)1.				X
13.	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.				X
14.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				X
15.	Is the facility operated to control objectionable odors? 62-701.710(4)(d)				X
16.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)	X			
17.	Is access to the facility controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)	X			
18.	Except for Transfer Stations, is financial assurance for the facility adequate? 62-701.710(7)(a)	X			
19.	Except for Transfer Stations, are cost estimates current and adjusted as required? 62-701.710(7)(b)	X			

III. WASTE PROCESSING FACILITIES (CONTINUED)		YES	NO	Unk	N/A
A. OPERATION AND MAINTENANCE (CONTINUED)					
20.	If the facility is a Transfer Station, is it exempt from providing financial assurance because it accepts primarily household waste, commercial waste or recovered materials and manages the waste on a first-in, first-out basis and stores waste for no greater than 7 days? 62-701.710(10)(a)				X
21.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)	X			
22.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)	X			
23.	If the facility is a C&D Recycler, is an Annual Report for the recycling operation submitted to the Department by April 1 of each year? 62-701.710(9)(b)				X
24.	Are all specific conditions in the permit being followed? 62-701.320(1)	X			
B. CLOSURE					X
25.	Are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
26.	Are stored putrescible wastes managed in accordance with Rule 62-701.710(4)(b)? 62-701.710(6)(c)				X
27.	Has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				X

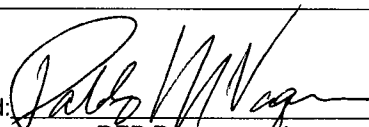
IV. C&D DEBRIS FACILITIES		YES	NO	Unk	N/A
A. DISPOSAL					
1.	Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				X
2.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.730(4)(b)				X
3.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				X
4.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				X
5.	Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				X
6.	Is access to the facility properly controlled? 62-701.730(7)(c)				X
7.	Is a trained operator on duty at the facility at all times the facility is operating and are there a sufficient number of spotters on duty at the working face to inspect the incoming wastes at all times waste is being accepted? 62-701.730(7)(d)				X
8.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				X
9.	Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				X
10.	Are plastic buckets empty before disposal? 62-701.710(7)(g)				X
11.	Are the spotters or operators properly trained? 62-701.730(8)				X
12.	Are areas of the facility requiring final cover properly closed? 62-701.730(9)				X
13.	Is financial assurance adequate? 62-701.730(11)(a)				X
14.	Are cost estimates current and adjusted as required? 62-701.730(11)(b)				X
15.	Are Annual Reports submitted to the Department for the disposal operation by April 1? 62-701.730(12)				X
16.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.730(14)				X
17.	Is the facility operated so that adverse environmental and public health impacts, such as blowing litter and vectors, are minimized? 62-701.730(18)				X
18.	Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M, prohibited from disposal at the facility? 62-701.730(19)				X
19.	Are all specific conditions in the permit for the disposal operation being followed? 62-701.320(1)				X

IV. C&D DEBRIS FACILITIES (CONTINUED)		YES	NO	Unk	N/A
B. <u>RECYCLING OPERATION AT A DISPOSAL FACILITY</u> (if applicable)					
20.	Are Annual Reports submitted to the Department for the recycling operation by April 1? 62-701.730(12)				X
21.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)				X
22.	Are areas of the recycling operation that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				X
23.	Is the recycling operation designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b) and 62-701.730(4)(b)				X
24.	Is an Operation and Maintenance Manual available for the recycling operation and is it being followed? 62-701.710(4)(a) 1.				X
25.	Are there procedures available at the recycling operation to handle unauthorized wastes? 62-701.710(4)(a) 2.				X
26.	Is a Contingency Plan available at the recycling operation which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a) 3.				X
27.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				X
28.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				X
29.	If applicable, are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				X
30.	Are the operating hours posted at the facility? 62-701.710(4)(c) 1.				X
31.	Is a trained operator on duty whenever the recycling operation is operating? 62-701.710(4)(c) 1.				X
32.	Is at least one trained spotter on duty at all times that waste is received at the recycling operation to inspect the incoming waste? 62-701.710(4)(c) 2.				X
33.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c) 2.				X
34.	Is the recycling operation operated to control objectionable odors? 62-701.710(4)(d)				X
35.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				X
36.	Is access to the recycling operation controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				X
37.	Is financial assurance for the facility adequate? 62-701.710(7)(a)				X
38.	Are cost estimates current and adjusted as required? 62-701.710(7)(b)				X
39.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)				X
40.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)				X
41.	If applicable, are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				X
42.	If applicable, has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				X
43.	Are all specific conditions in the permit for the recycling operation being followed? 62-701.320(1)				X
C. <u>LAND CLEARING</u>					X
44.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)				
45.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8)				X
46.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)				X
47.	Is access to the facility properly controlled? 62-701.803(7)				X
48.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8)				X
49.	Are areas of the facility requiring final cover properly closed? 62-701.803(10)				X
50.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.803(12)				X

V. OTHER SOLID WASTE FACILITIES		YES	NO	Unk	N/A
1.	WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				X
2.	Compost facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				X

VI. NARRATIVE

Explanation for all "NO" responses and other comments (continue on separate sheet if necessary)

Signed:  / 05/09/2005
DEP Representative Date


Received: _____ / _____
Site Representative Date