



Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form #: 62-701.900(23)
Form Title: Waste Tire Processing Facility Permit Application
Effective Date: January 6, 2010
DEP Application No. _____ (Completed by DEP)

WASTE TIRE PROCESSING FACILITY PERMIT APPLICATION

Permit No. 0064386-003-WT

Renewal ☐ Modification ☐ Existing unpermitted facility ☐ Proposed new facility

Part I-General Information:

A. Applicant Information:

1. Applicant Name: Jim Merrifield
2. Applicant Street Address: 3053 Barnes Lane
3. City: Cottdale County: Florida Zip: 32431
4. Applicant Mailing Address: P.O. Box 550
5. City: Cottdale County: Jackson Zip: 32421
6. Contact person: Jim Merrifield Phone: (850) 352-1044 FEID No: 59-3561609
7. Have any enforcement actions been taken by the Department against the applicant relating to the operation of any solid waste management facility in this state? This includes any Complaint, Notice of Violation, or revocation of a permit or registration, as well as any Consent Order in which a violation of Department rules is admitted. It does not include a Warning Letter, Warning Notice, Notice of Noncompliance, or other similar document which does not constitute agency action.
Yes ☒ No ☐ If yes, attach a history and description of the enforcement actions.

B. Facility Information:

1. Facility Name: Tire Disposal Services
2. Facility Street Address (Main Entrance): 3053 Barnes Lane
3. City: Cottdale County: Jackson Zip: 32421
4. Facility Mailing Address: P.O. Box 550
5. City: Cottdale State: Florida Zip: 32421
6. Contact Person: Jim Merrifield Phone: (850) 352-1044
7. Facility Location Coordinates:
Section: 34 Township: 5N Range: 12W
Latitude: 30 47' 21" Longitude: 85 24' 54"
• 8. Anticipated date for starting construction N/A and for completion of construction N/A
9. Anticipated date for receipt of tires Business in progress and for start of processing _____

RECEIVED

OCT 01 2010

NORTHWEST FLORIDA
DEP

Mail completed form to
the appropriate District office
listed below

Northwest District
160 Government Center
Pensacola, FL 32501-5794
850-595-8360

Northeast District
7825 Baymeadows Way, Ste. 200 B
Jacksonville, FL 32256-7590
904-807-3300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
407-894-7555

Southwest District
13051 N. Telecom Pky
Temple Terrace, FL
813-632-7600

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33902-2549
239-332-6975

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-681-6600

C. Land Owner Information (if different from applicant):

1. Owner's name: J.E. Merrifield, Inc.
2. Land owner's mailing address: P.O. Box 550
3. City: Cottdale State: Florida Zip: 32421
4. Authorized Agent: Jim Merrifield Agent's phone (850) 352-1044
5. Current lease expires: N/A

D. Facility Operator Information (if different from applicant):

1. Operator's name: Jim Merrifield
2. Operator's mailing address: P.O. Box 550
3. City: Cottdale State: Florida Zip: 32431
4. Contact person: Jim Merrifield Phone: (850) 352-1044

E. Preparer of Application:

1. Name of person preparing application: Jim Merrifield
2. Mailing address: P.O. Box 550
3. City: Cottdale State: Florida Zip: 32421
4. Phone: (850) 352-1044
5. Affiliation with facility: Owner

Part II-Operations:

A. Facility type (check appropriate box):

- ☐ Waste tire processing facility.
- ☐ Waste tire processing facility with on-site disposal of processed tires or processing residuals.
See Attachment _____
- ☐ Waste tire processing facility with on-site consumption of waste tires or processing residuals.
See Attachment F
- ☐ Permitted solid waste management facility modification to allow waste tire site and processing.

B. Type of processing facility (check as many as apply):

- ☐ Shredder ☐ Cutter ☐ Chopper ☐ Incinerator only ☐ Incinerator with energy recovery
- ☐ Pyrolysis ☐ Supplemental fuel user ☐ Other, explain _____

C. Storage: Indicate the maximum quantities of whole waste tires, processed waste tires, and processing residuals, expressed in tons, to be stored at the facility, in accordance with Rule 62-711.530(2), F.A.C.

	Outdoor Storage(tons)	Outdoor Storage (sq.ft)	Indoor Storage (tons)	Indoor Storage (sq.ft)	Total Storage (tons)
Whole waste tires:	<u>60</u>	<u>on trailer</u>			<u>60</u>
Processed tires:	<u>20</u>	<u>on trailer</u>			<u>20</u>
Processing residuals:	<u>None</u>				
TOTALS:					<u>80</u>

D. For reporting quantity of tires in tons, tires will be: weighed on site ☐ weighed off site ☐ weights will be calculated ☐

E. Facilities that will not be disposing of processed tires or processing residual on the facility site must indicate the

1. Name of facility Springhill Rgional Landfill

2. Street address: 4945 Hwy 273

3. City: Graceville County: Jackson Zip: 32421

F. Facilities that will be delivering processed tires to consuming facilities must describe the existing or proposed markets for those processed tires.

N/A

Part III-Attachments:

A. Facility design

NOTE: All maps, plan sheets, drawings, isometrics, cross sections, or aerial photographs shall be legible; be signed and sealed by a registered professional engineer responsible for their preparation; be of appropriate scale to show clearly all required details; be numbered, referenced to narrative, titled, have a legend of symbols used, contain horizontal and vertical scales (where applicable), and specify drafting or origination dates; and use uniform scales as much as possible, contain a north arrow and use NGVD for all elevations.

1. A topographic or section map of the facility, including the surrounding area for one mile, no more than one year old, showing land use and zoning within one mile of the facility
2. A plot plan of the facility on a scale of not less than one inch equals 200 feet. At a minimum, the plot plan shall include
 - a. The facility design, including the location and size of all storage and processing areas for used tires, unprocessed waste tires, processed waste tires, and waste tire processing residuals;
 - b. All wetlands and water bodies within the facility or within 200 feet of any storage area;
 - c. Stormwater control measures, including ditches, dikes, and other structures;
 - d. Boundaries of the facility, legal boundaries of the land containing the facility, and any easements or rights of way that are within the facility or within 200 feet of any storage area;
 - e. Location, size, and depth of all wells within the facility or within 200 feet of any storage area;
 - f. All structures and buildings that are, or will be, constructed at the facility; include those used in storage and processing operations;
 - g. All areas used for loading and unloading;
 - h. All access roads and internal roads, including fire lanes;
 - i. Location of all fences, gates, and other access control measures; and
 - j. Location of all disposal areas within the facility.

B. Facility operation.

1. A description of the facility's operation, process and products including how waste tires will be received and stored.
2. A description of the equipment used for processing tires. This description shall include the make, model, and hourly capacity of each piece of equipment.
3. Description of the waste from the process, the amount of waste expected and how and where this waste will be disposed of.
4. Statement of the maximum daily throughput and the planned daily and annual throughput.
5. A description of how the operator will maintain compliance with each of the storage requirements of Rule 62-711.540, F.A.C.
6. A copy of the emergency preparedness manual for the facility with a statement of the on site and off site locations where that manual will be maintained.
7. A copy of the fire safety survey
8. A description of how 75% of the annual accumulation of waste tires will be removed for disposal or recycling.

C. Completed closing plan for the facility as required by Rule 62-711.700(2) and (3), F.A.C.

- D. Attach proof of financial responsibility as requirement by Rule 62-711.500(3) OR a calculation showing that financial assurance documents, currently on file with the Department, are sufficient to assure closing of the waste tire site as well as any other solid waste management facility at that location.
- E. A letter from the land owner (if different from applicant) authorizing use of the land as a waste tire processing facility.
- F. If waste tires will be consumed at the facility, attach a description of the other environmental permits that the applicant has for this use, including, permit number, date of issue, and name of issuing agency
- G. The permit fee as required in Rule 62-4, F.A.C.

Part IV-Certification:

A. Applicant:

The undersigned applicant or authorized representative of Tire Disposal Services
Waste Tire Processing Facility is aware that statements made in this form and attached information are an application for a Permit from the Florida Department of Environmental Protection and certifies that the information in this application is true, correct and complete to the best of his knowledge and belief. Further, the undersigned agrees to comply with the provisions of Chapter 403, Florida Statutes, and all rules and regulations of the Department. It is understood that the Department will be notified prior to the sale or legal transfer of the facility.

Jim Merrifield
 Signature of Applicant or Authorized Agent

Jim Merrifield - Owner
 Name and Title Date

B. Professional Engineer registered in Florida.

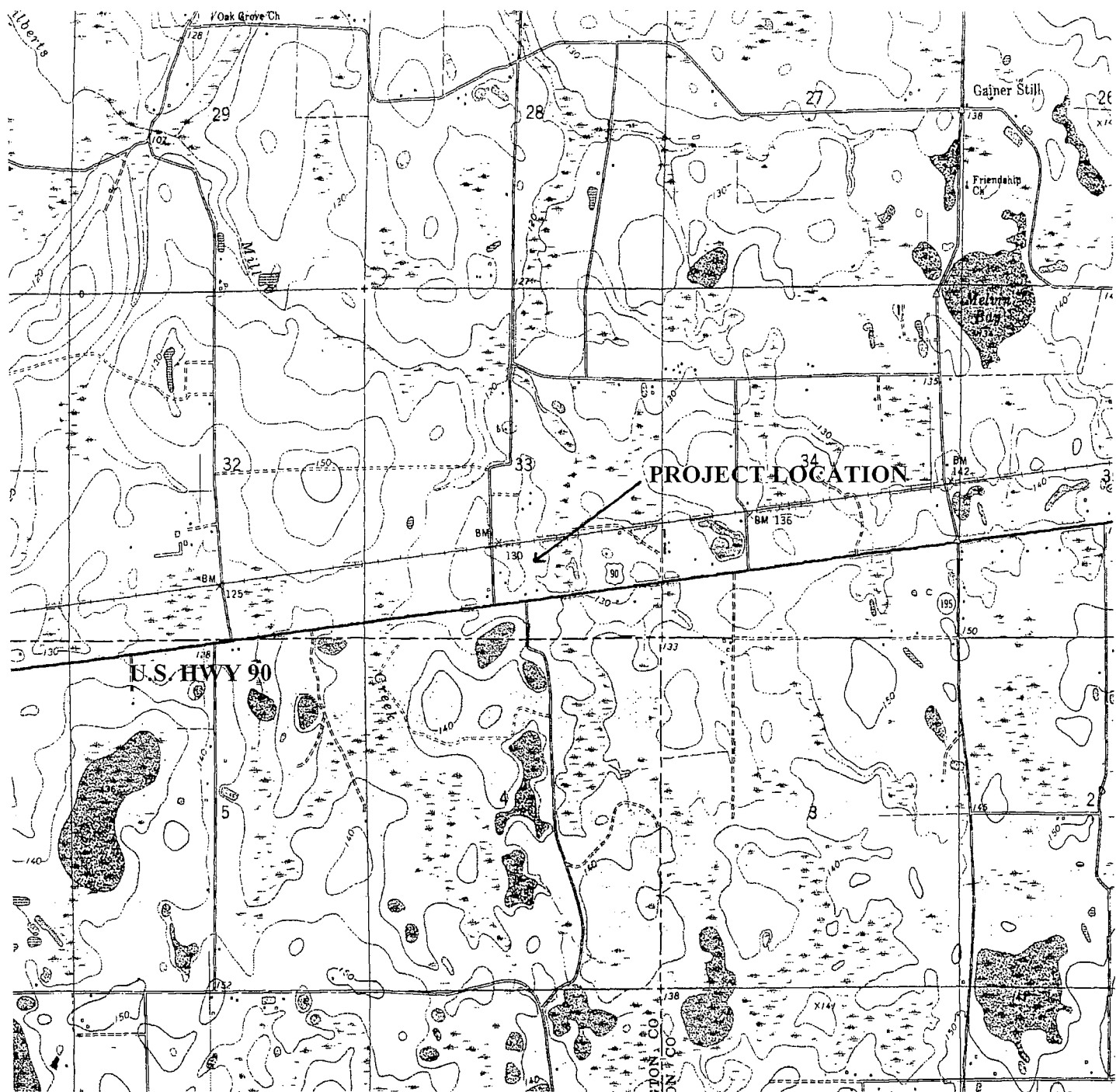
This is to certify that the engineering features of this waste tire processing facility have been designed/examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgment, this facility, when properly maintained and operated will comply with all applicable statutes of the State of Florida and rules of the Department. It is agreed that the undersigned will provide the applicant with a set of instructions for proper maintenance and operation of the facility.

2011 E. Nobles III, P.E., V.P.
 Signature
5/452
 Florida Registration Number

4428 Lafayette St.
 Mailing Address
Marianna, FL 32446
 City, State, Zip
(850) 482-3045
 Telephone number

(please affix seal)

Date



PROJECT LOCATION MAP TIRE DISPOSAL SERVICES

Location: Cottondale, Florida
County: Jackson
Section: 34 Township: 5N Range: 12W
Latitude: 30° 47' 21" Longitude 85° 25' 54"
Cottondale West Quadrangle

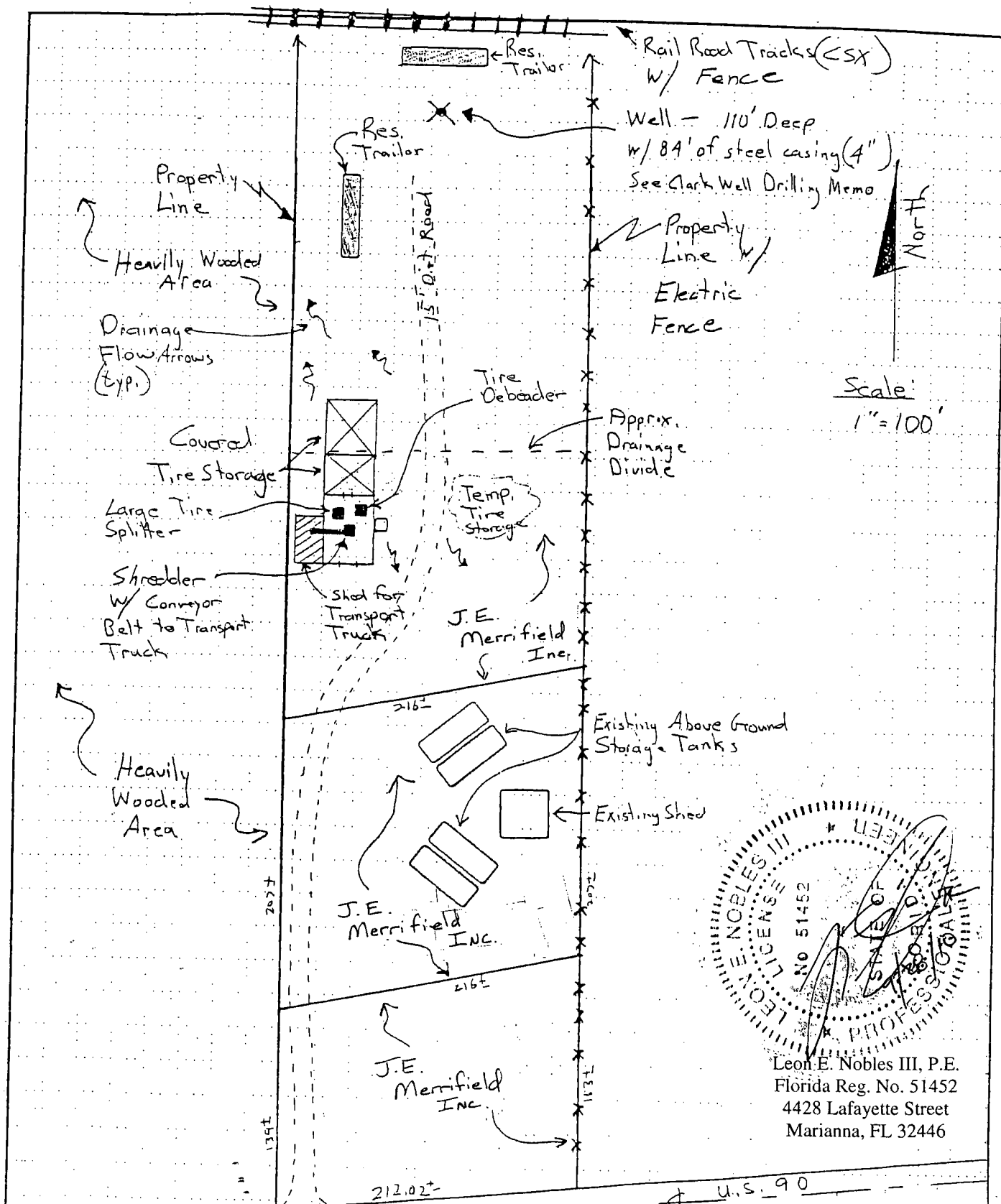
CHECKED BY

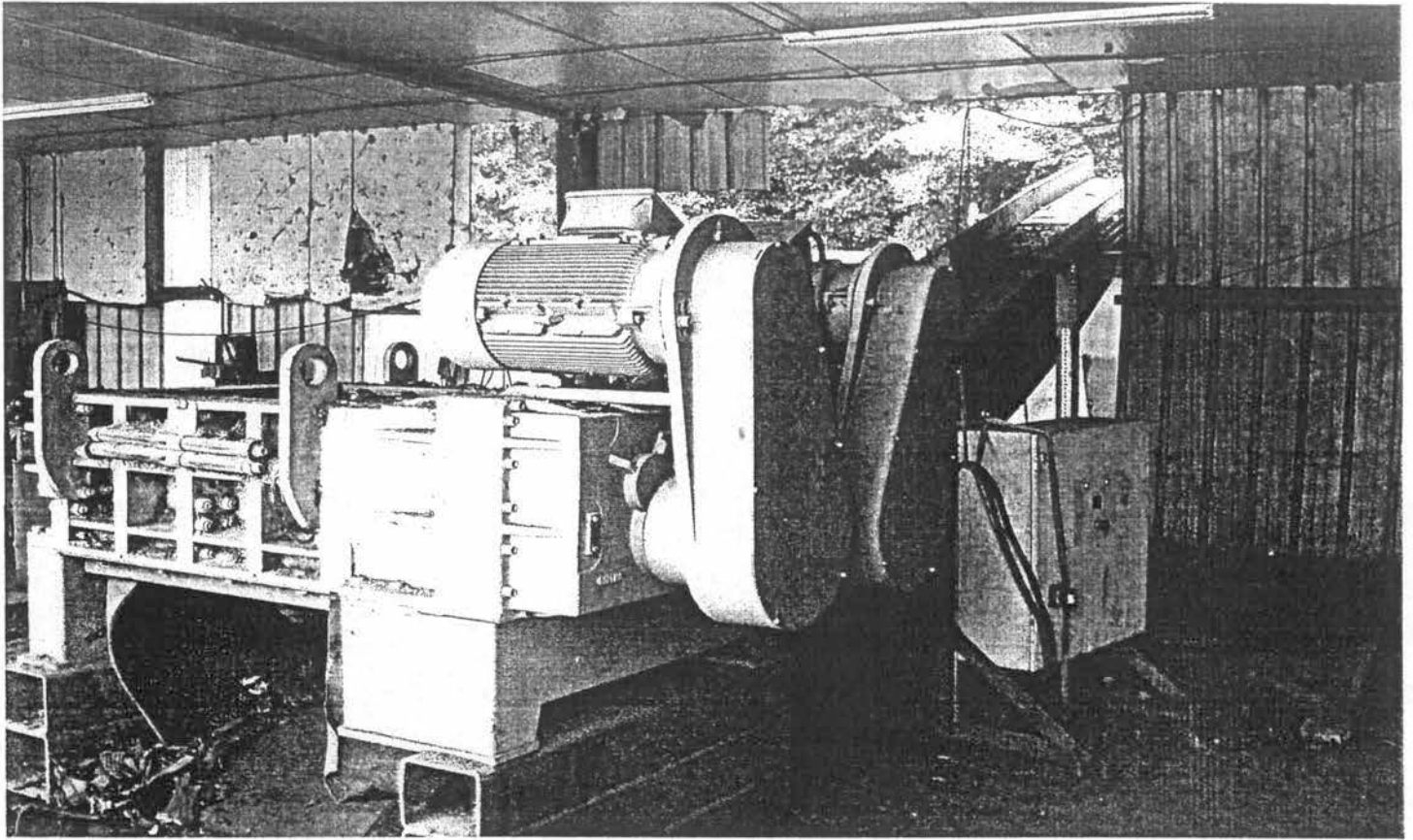
Time Disposal Services Site Plan

SHEET No. _____ OF _____

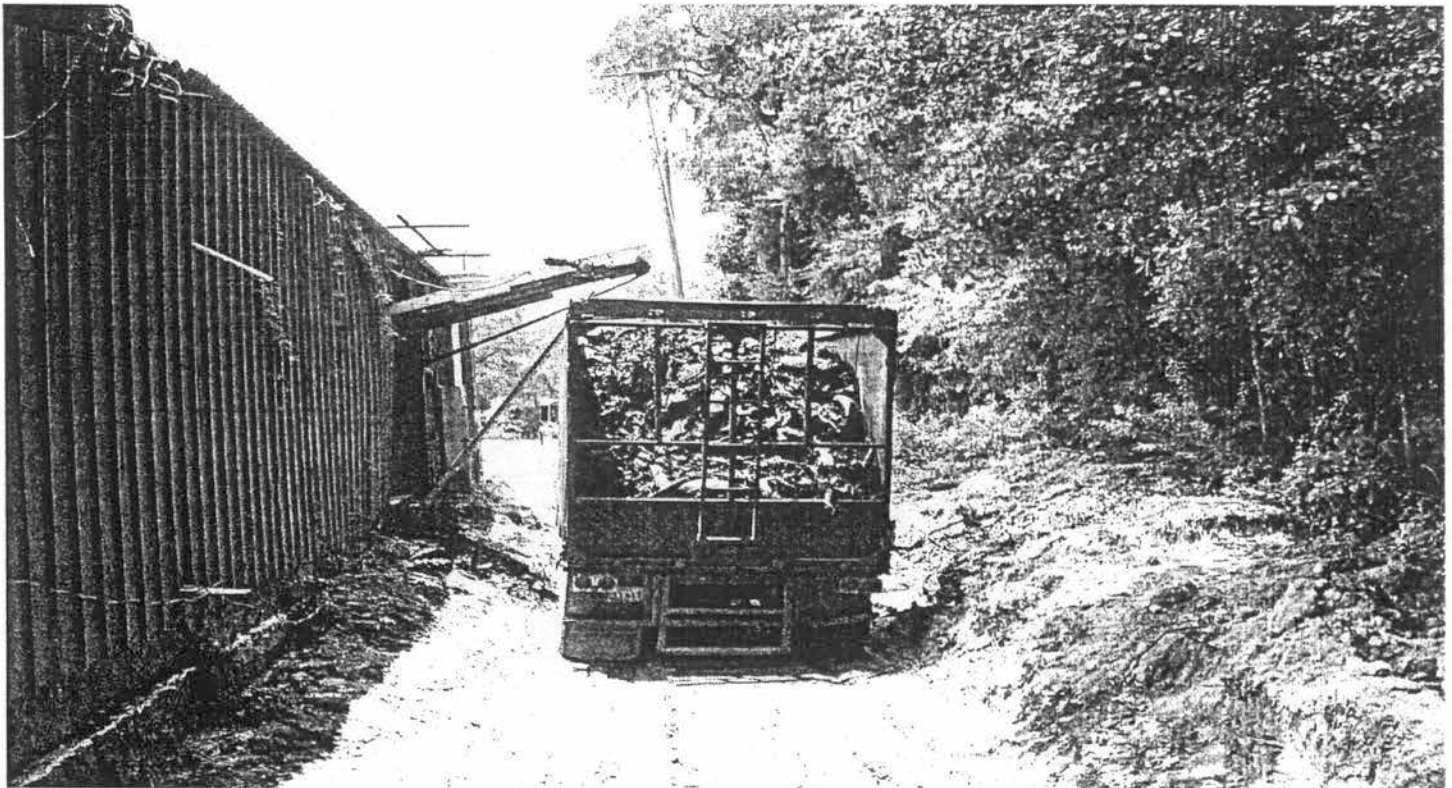
DATE _____

DATE _____

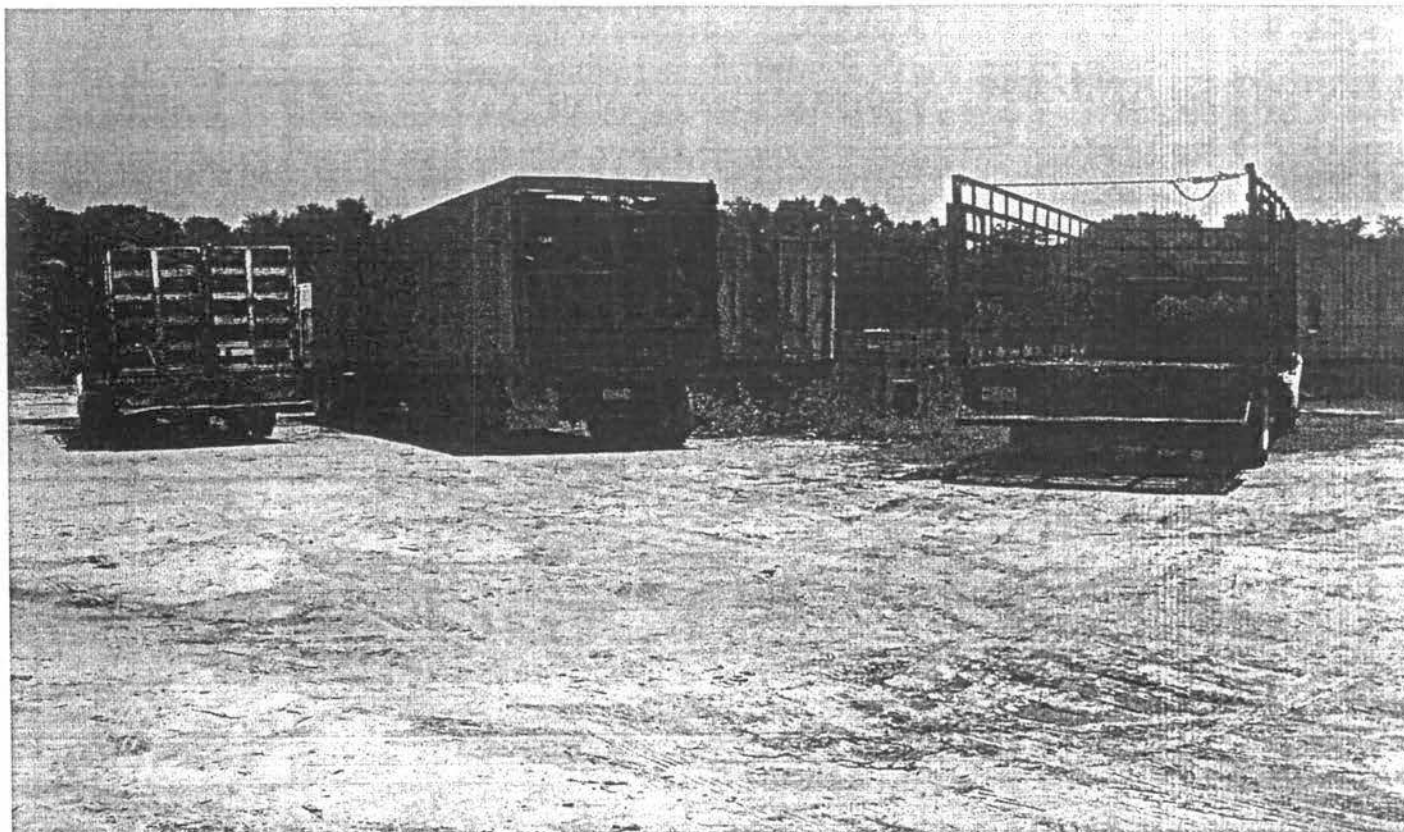




UNTHA tire shredder with conveyer that dumps into tractor trailer.



End of conveyer that dumps shredded tires into trailer.



From center of site looking northeast at the tractor trailers that store the whole tires.

Facility Operation Process

Description

1. Whole tires will be delivered to site by truck.
2. Tires will be taken directly from truck and inserted into Harvest Hand tire chopper to reduce tire size.
3. Chopped tires are fed into UNTHA RS-50 tire shredder.
4. Processed tire (pieces 4 square inches or less) will travel from shredder on conveyer system to truck.
5. Truck will transport and dispose of processed tires at the Springhill Regional Landfill.

Throughput

Maximum Daily: 1200 tires/day
Planned Daily: 1200 tires/day
Annual Daily: 312,000 tires/year

EMERGENCY PREPAREDNESS MANUAL

PREPARED FOR:

TIRE DISPOSAL SERVICES

3053 BARNES LANE

COTTONDALE, FL 32431

(850) 526-3813

OWNER/OPERATOR: JIM MERRIFIELD

JULY , 2010

EMERGENCY CONTACTS

In the event of a fire, flood or other emergency, the following people should be contacted:

1. Jason Merrifield: (850) 557-1947
2. Charlene Merrifield: (850) 482-6326
3. Alan Pelt: (850) 482-6614

EMERGENCY RESPONSE EQUIPMENT

1. Two onsite fire extinguishers are located at both entrances of the shredder bay on the south and east walls. Follow directions on fire extinguisher to put out flames if possible.
2. The City of Cottondale Volunteer Fire Dept. is located approximately 4 miles from the facility. Contact the Fire Dept. immediately for assistance.

EMERGENCY PROCEDURES

In the event of a fire at the facility, follow the procedures listed below:

1. If fire can be contained with onsite fire extinguisher, do so.
2. Call "911" and explain emergency.
3. Evacuate area and adjacent buildings immediately.
4. Remain at a safe distance until fire is extinguished.
5. Since whole waste tires are not stored onsite, oily residue left from burning tires shall be minimal. However, any residue shall be collected and discarded into tractor trailer.
6. Any areas that contained oily residue shall be washed down in such a way that there is no runoff whatsoever from the site.

7-8-10

FIRE INSPECTION REPORT

 Address Barnes Ln. No 3053 Cottendale, FL Occupant Tire Disposal Services
 Owner or Agent James Merrifield Phone # 850-352-1044
 Construction Metal Roof Metal Stories 1
 Occupancy Business / Tire Disposal Square Footage _____ Occupant Load _____

Fire Hazards	Good	Bad	None	Fire Protection	Good	Bad	None
Exhausting Systems	✓			Sprinklers/F.D. Connections			✓
Clearances	✓			Standpipes/Fire Pump			✓
Seal Pipe Fit into Flue			✓	Fire Alarm Systems			✓
Storage Explosives			✓	Fire Doors			✓
Storage Inflammables	✓			Smoke Detectors/Sys			✓
Storage Area	✓			Aisles			✓
				Halls			✓
Condition of				Stairwells/Vertical Openings			✓
Switches/Circuit Breakers	✓			Automatic Hood Systems			✓
Electric Wiring	✓			Location of Cutoffs			
Electric Appliances			✓	Sprinklers			
Exterior Walls			✓	Gas			
Roof Ducts			✓	Electric			
Brush/Housekeeping	✓						
Illuminated Exit Signs			✓				
Emergency Lighting			✓	Days given to remedy			
Conditioning System			✓	Date Re-inspected			
Gas Appliances			✓	Days Extension			
Windows/Exit Doors			✓	Remedied: [] Yes [] No			
Fire Extinguishers	✓			Liability Notice Served			
Serviced 7-2010	✓			Date Remedied			
Number of Exits	3			Inspector <u>Sean Collins</u>			
Number of Units of Exits	—			FL Lic# <u>102361</u>			
Average Distance to Exit(s)	Less than 75'			Occupant <u>Jim Merrifield</u>			

Remarks: No violations. All bldg are open with no doors. Owner in process of cleaning excess material from operation area upon request.
Sean Collins
All extinguishers mounted and tagged per NFPA 10.

Closing Cost Estimate

On July 8, 2010 David Little of Little Tire Recycling in Andalusia, AL gave a cost estimate of \$600 per trailer load, or \$0.50 per passenger tire and \$2.00 per truck tire for the removal of tires due to the closing of Tire Disposal Services.

Maximum amount on site at any given time: 60 tons

1 trailer load = approx. 12 tons

To remove maximum amount of tires from site at closure:
 $60/12 = 5$ trailer loads = \$3,000

Annual fee for standby trusts is \$500.00

Total Closing Cost = \$3,000.00 + \$500.00 = \$3,500.00

Closing Plan

Description

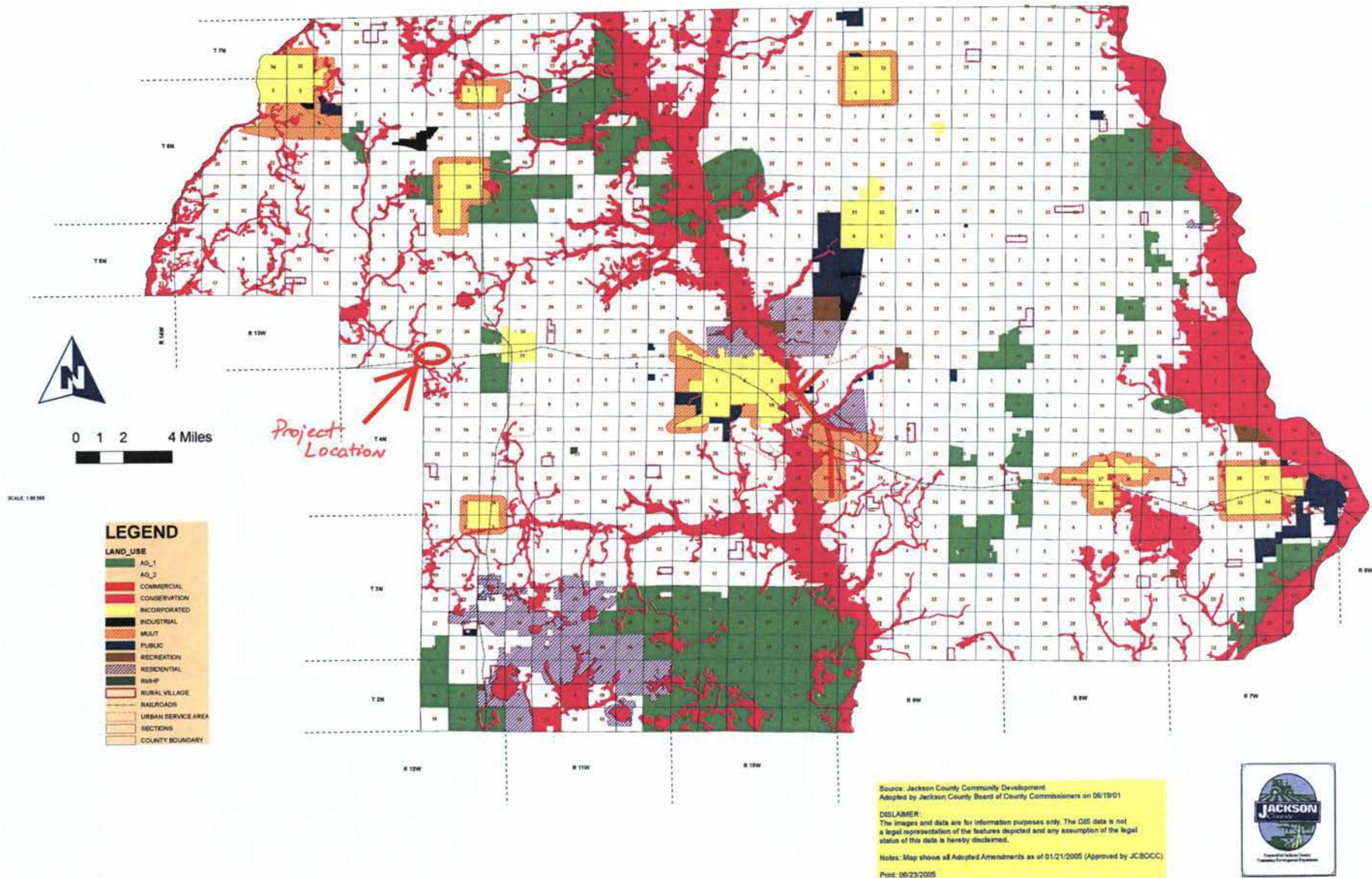
1. Property will be gated in order to stop the public access.
2. Notice will be posted indicated that the site is closed with the phone number of the county solid waste authority.
3. Notification will be sent to the Department of Environmental Protection and Jackson County of the closing.
4. All waste tires and residuals will be removed and taken to the Springhill Regional Landfill.
5. Removal of all solid waste to a permitted solid waste management facility.
6. Notify the Department of Environmental Protection when closing is complete.

****Closing will be completed within three weeks of notification.**

MAP 1

JACKSON COUNTY COMPERHENSIVE PLAN


FUTURE LAND USE MAP



July 8, 2010

To Whom It May Concern:

In the event of the closure of Tire Disposal Services, Cottdale, FL, Little Tire & Recycling has agreed to remove remaining tires. The cost will be \$600 per trailer load, or 50 cents per passenger tire and \$2.00 per truck tire.

A handwritten signature in black ink, appearing to read "David Little". The signature is stylized with a large, looped "L" and a cursive "T".

David Little
Little Tire Recycling
10724 Salem Church Road
Andalusia, Al 36420
334-427-1608
ADEM #S0000025404

COPY
1ST Q 2010



Department of Environmental Protection

DEP Form # 62-701.950(21)
Waste Tire Processing Facility
Form Title: Quarterly Report
Effective Date: 3/22/00
DEP Application No. _____ (Filled in by DEP)

Waste Tire Processing Facility Quarterly Report

Pursuant to Rule 62-711.530, Florida Administrative Code, the owner or operator of a waste tire processing facility shall submit the following information to the Department quarterly.

Quarter covered by this report 1st (First quarter begins on January 1 of any given year)

- Facility name: Tire Disposal Services
- Facility mailing address: P.O. Box 550
City: Cotulla County: FL Zip: 32431
- Facility permit number: 0064386-003-WT
- Facility telephone number: (850) 352-1044
- Authorized person preparing report: Jim Merrifield
- Affiliation with facility: Owner
- Telephone number (if different from above): ()
- Activity: Report in tons

	Beginning Inventory	Received	Processed	Consumed	Removed	Adjustments	Ending Inventory
Used Tires							
Other whole Tires	12	391	285		106		12
Processed tires							
Processing Waste							
Other							
Total	12	391	285		106		12

- Explain all inventory adjustments. _____
- List any period in which one or more category of inventory exceeded the permitted maximum for that category. How was that condition relieved? _____

For any excess inventory at the end of the quarter, state how and when this condition will be relieved. Attach Additional sheets, if necessary. _____

9. Certification:

To the best of my knowledge and belief, I certify the information provided in this report is true, accurate, and complete.

Jim Merrifield

Print Name of Authorized Agent

Jan L. Murphy

Signature of Authorized Agent

4-29-10

Date

Mail complete form to
the appropriate district office

Tire Disposal Services
0064386-003-WT
Attachment 2
Page 1 of 1

Northwest District
180 Governmental Center
Pensacola, FL 32501-5794
850-585-8360

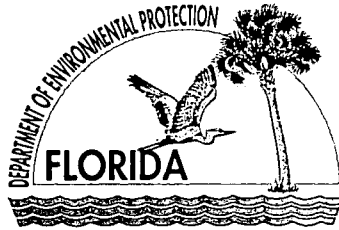
Northeast District
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Orlando, FL 32803-3767
407-894-7555

Southwest District
3804 Coconut Palm Dr.
Tampa, FL 33619
813-744-6100

South District
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Fort Myers, FL 33902-2549
941-332-8975

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-681-6800



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road MS 4565
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Mimi A. Drew
Secretary

November 2, 2010

Mr. Jim Merrifield
J.E. Merrifield, Inc.
Post Office Box 550
Cottondale, Florida 32431

Re: WACS 6475 - Tire Disposal Services

Dear Mr. Merrifield:

I reviewed the documentation submitted to demonstrate financial assurance for the above referenced facility and find it is in order. Auto-Owners Insurance Company bond rider, dated October 25, 2010, increases the penal sum of performance bond number 66298833 to \$3,500. This adequately covers the Department approved closing estimate of \$3,500. This rider also corrects the spelling of the surety's name, corrects the permittee's name and removes the liability limit in the surety section on page three of the bond. Therefore, Tire Disposal Services is in compliance with the financial assurance requirements of 40 CFR Part 264, Subpart H, as adopted by reference in Rule 62-711.500, Florida Administrative Code, at this time.

If you have any questions, please contact me at (850) 245-8740.

Sincerely,

Susan F. Eldredge
Environmental Specialist
Solid Waste Section

cc: Fred Wick, DEP/TLH
Dawn Templin, DEP/PEN



DAVID H. MELVIN, INC.

Consulting Engineers

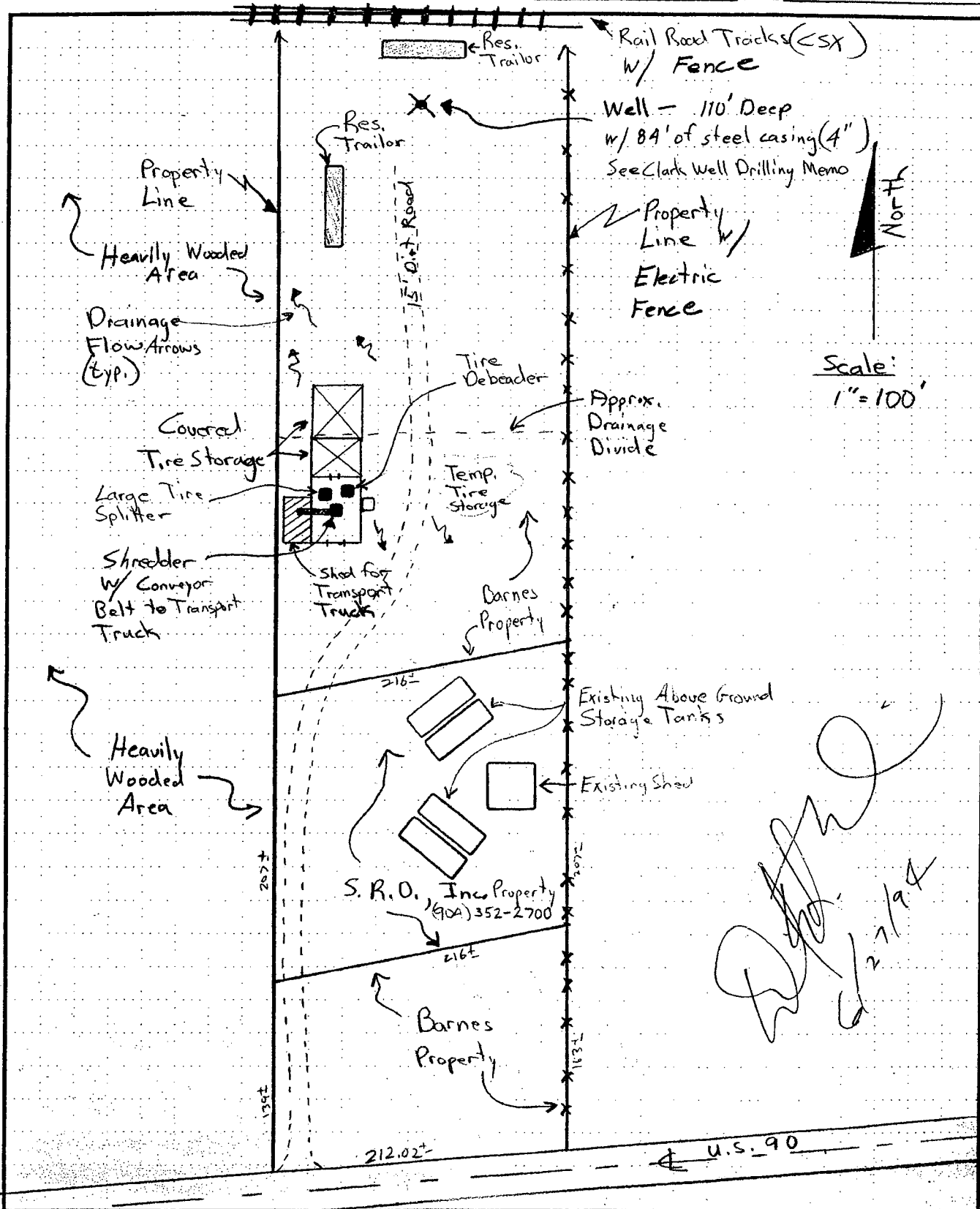
4428 Lafayette St. P.O. Box 840
Marianna, Florida 32447
(904) 482-3045

TITLE Barnes Tire Processing Facility
Colondale, FL

JOB No. BAR93TIR FILE _____ SHEET No. _____ OF _____

CALCULATED BY F.V. DATE 4/20/94

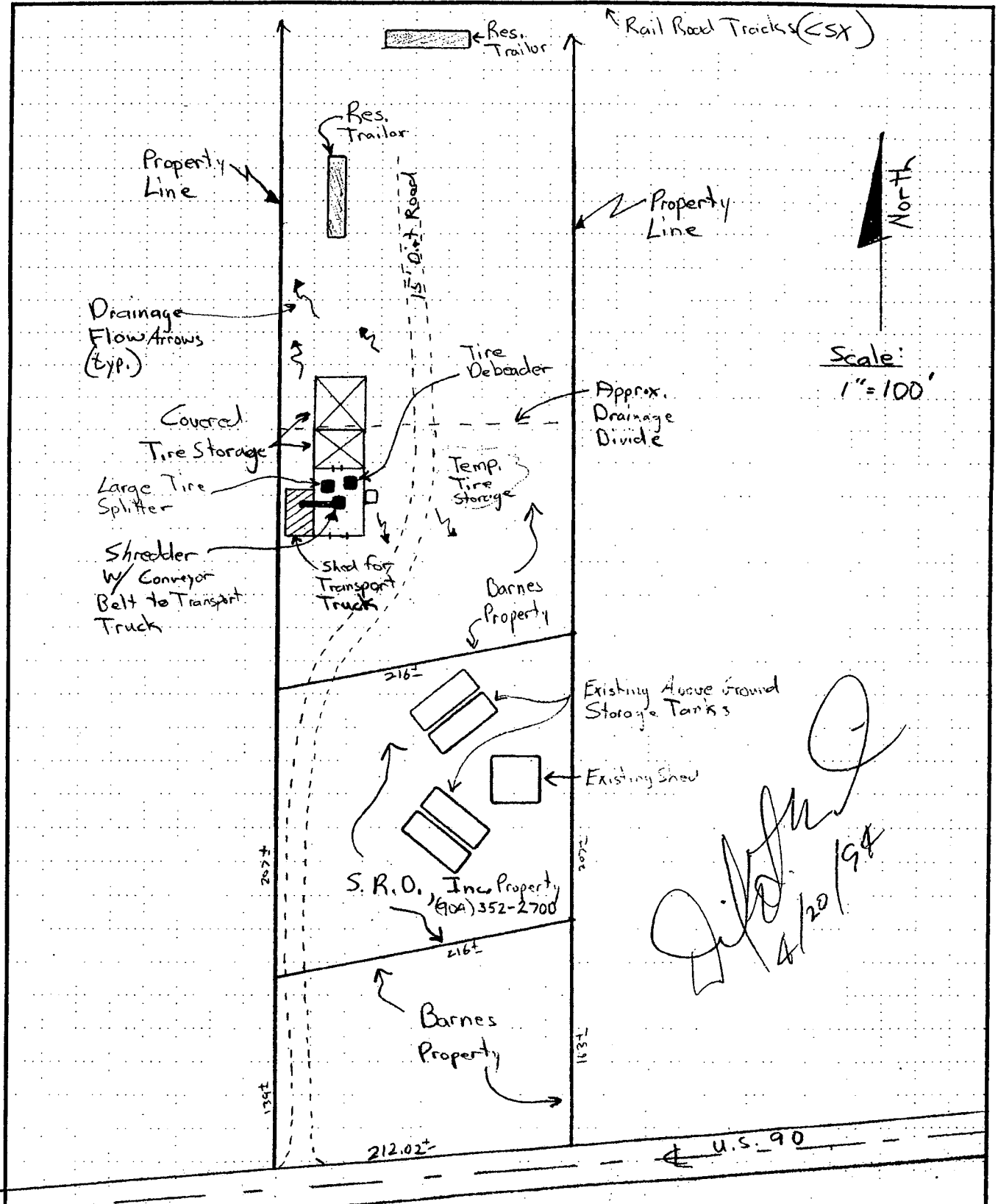
CHECKED BY _____ DATE _____





4428 Lafayette St. P.O. Box 840
Marianna, Florida 32447
(904) 482-3045

TITLE Barnes Tire Processing Facility
Chondale, FL
JOB No. BAR93TIR FILE 1 SHEET No. 1 OF 1
CALCULATED BY G.I.V. DATE 4/20/94
CHECKED BY DATE





July 9, 2010

Rick Prusa, Solid Waste Section
FDEP, Pensacola
160 Governmental Center
Pensacola, Florida 32501-5794

**RE: Waste Tire Processing Facility Permit Application
Jim Merrifield, Tire Disposal Services— Cottondale, FL**

Dear Mr. Prusa,

Please find enclosed a Waste Tire Processing Facility Permit Application and supporting documents for the above referenced project. The supporting documents include a location map, site layout, a description of the facility operations, emergency preparedness manual, fire inspection report, closing cost estimate based on third party cost for cleanup, closing plan, and quarterly report. Also enclosed is a check for \$1250.00 for the permit fee.

Should you have any questions or need additional information, please do not hesitate to call.

Sincerely,
DAVID H. MELVIN, INC.
CONSULTING ENGINEERS

Jacob D. Mathis
Project Engineer

Enclosures
Cc: Jim Merrifield

T:\Projects\Merrifield\2010 Waste Tire Permit Renewal\FDEP6-7-05.doc

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JUL 13 2010

**NORTHWEST FLORIDA
DEP**

Reply To: ☒ 4428 Lafayette Street • P.O. Box 840 • Marianna, Florida 32447 • (850) 482-3045
☐ 2931 Kerry Forest Parkway, Suite 103 • Tallahassee, Florida 32309 • (850) 671-7221
☐ 3003 S. Highway 77, Suite B, Lynn Haven, Florida 32444 • (850) 248-5111

A CHARACTER FIRST!® Company



Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form #: 62-701.900(23)

Form Title: Waste Tire Processing Facility Permit Application

Effective Date: January 6, 2010

DEP Application No. _____
(Completed by DEP)

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Yes _____ No X If yes, attach a history and description of the enforcement actions.

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160 Government Center
Pensacola, FL 32501-5794
850-595-8360

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7825 Baymeadows Way, Ste. 200 B
Jacksonville, FL 32256-7590
904-807-3300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
407-894-7555

Southwest District
13051 N. Telecom Pky
Temple Terrace, FL
813-632-7600

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33902-2549
239-332-6975

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-681-6600

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1. Owner's name: J.E. Merrifield, Inc.
2. Land owner's mailing address: P.O. Box 550
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5. Current lease expires: N/A

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E. Preparer of Application:

1. Name of person preparing application: Jim Merrifield
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5. Affiliation with facility: Owner

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A. Facility type (check appropriate box):

- ☒ Waste tire processing facility.
- ☐ Waste tire processing facility with on-site disposal of processed tires or processing residuals.
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- ☐ Waste tire processing facility with on-site consumption of waste tires or processing residuals.
See Attachment F
- ☐ Permitted solid waste management facility modification to allow waste tire site and processing.

B. Type of processing facility (check as many as apply):

- ☒ Shredder ☐ Cutter ☐ Chopper ☐ Incinerator only ☐ Incinerator with energy recovery
- ☐ Pyrolysis ☐ Supplemental fuel user ☐ Other, explain _____

C. Storage: Indicate the maximum quantities of whole waste tires, processed waste tires, and processing residuals, expressed in tons, to be stored at the facility, in accordance with Rule 62-711.530(2), F.A.C.

	Outdoor Storage(tons)	Outdoor Storage (sq.ft)	Indoor Storage (tons)	Indoor Storage (sq.ft)	Total Storage (tons)
Whole waste tires:	<u>60</u>	<u>on trailer</u>			<u>60 = 6,000</u>
Processed tires:	<u>20</u>	<u>on trailer</u>			<u>20 = 2,000</u>
Processing residuals:	<u>None</u>				
TOTALS:					<u>80 = 8,000</u>

100 tires per ton

D. For reporting quantity of tires in tons, tires will be: weighed on site ☐ weighed off site ☒ weights will be calculated ☐

E. Facilities that will not be disposing of processed tires or processing residual on the facility site must indicate the

1. Name of facility Springhill Regional Landfill
2. Street address: 4945 Hwy 273
3. City: Graceville County: Jackson Zip: 32421

F. Facilities that will be delivering processed tires to consuming facilities must describe the existing or proposed markets for those processed tires.

N/A

Part III-Attachments:

A. Facility design

NOTE: All maps, plan sheets, drawings, isometrics, cross sections, or aerial photographs shall be legible; be signed and sealed by a registered professional engineer responsible for their preparation; be of appropriate scale to show clearly all required details; be numbered, referenced to narrative, titled, have a legend of symbols used, contain horizontal and vertical scales (where applicable), and specify drafting or origination dates; and use uniform scales as much as possible, contain a north arrow and use NGVD for all elevations.

1. A topographic or section map of the facility, including the surrounding area for one mile, no more than one year old, showing land use and zoning within one mile of the facility
2. A plot plan of the facility on a scale of not less than one inch equals 200 feet. At a minimum, the plot plan shall include
 - a. The facility design, including the location and size of all storage and processing areas for used tires, unprocessed waste tires, processed waste tires, and waste tire processing residuals;
 - b. All wetlands and water bodies within the facility or within 200 feet of any storage area;
 - c. Stormwater control measures, including ditches, dikes, and other structures;
 - d. Boundaries of the facility, legal boundaries of the land containing the facility, and any easements or rights of way that are within the facility or within 200 feet of any storage area;
 - e. Location, size, and depth of all wells within the facility or within 200 feet of any storage area;
 - f. All structures and buildings that are, or will be, constructed at the facility; include those used in storage and processing operations;
 - g. All areas used for loading and unloading;
 - h. All access roads and internal roads, including fire lanes;
 - i. Location of all fences, gates, and other access control measures; and
 - j. Location of all disposal areas within the facility.

B. Facility operation.

1. A description of the facility's operation, process and products including how waste tires will be received and stored.
2. A description of the equipment used for processing tires. This description shall include the make, model, and hourly capacity of each piece of equipment.
3. Description of the waste from the process, the amount of waste expected and how and where this waste will be disposed of.
4. Statement of the maximum daily throughput and the planned daily and annual throughput.
5. A description of how the operator will maintain compliance with each of the storage requirements of Rule 62-711.540, F.A.C.
6. A copy of the emergency preparedness manual for the facility with a statement of the on site and off site locations where that manual will be maintained.
7. A copy of the fire safety survey
8. A description of how 75% of the annual accumulation of waste tires will be removed for disposal or recycling.

C. Completed closing plan for the facility as required by Rule 62-711.700(2) and (3), F.A.C.

- D. Attach proof of financial responsibility as requirement by Rule 62-711.500(3) OR a calculation showing that financial assurance documents, currently on file with the Department, are sufficient to assure closing of the waste tire site as well as any other solid waste management facility at that location.
- E. A letter from the land owner (if different from applicant) authorizing use of the land as a waste tire processing facility.
- F. If waste tires will be consumed at the facility, attach a description of the other environmental permits that the applicant has for this use, including, permit number, date of issue, and name of issuing agency
- G. The permit fee as required in Rule 62-4, F.A.C.

Part IV-Certification:

A. Applicant:

The undersigned applicant or authorized representative of Tire Disposal Services
Waste Tire Processing Facility is aware that statements made in this form and attached information are an application for a Permit from the Florida Department of Environmental Protection and certifies that the information in this application is true, correct and complete to the best of his knowledge and belief. Further, the undersigned agrees to comply with the provisions of Chapter 403, Florida Statutes, and all rules and regulations of the Department. It is understood that the Department will be notified prior to the sale or legal transfer of the facility.

Jim Merrifield
 Signature of Applicant or Authorized Agent

Jim Merrifield-Owner 7-12-10
 Name and Title Date

B. Professional Engineer registered in Florida.

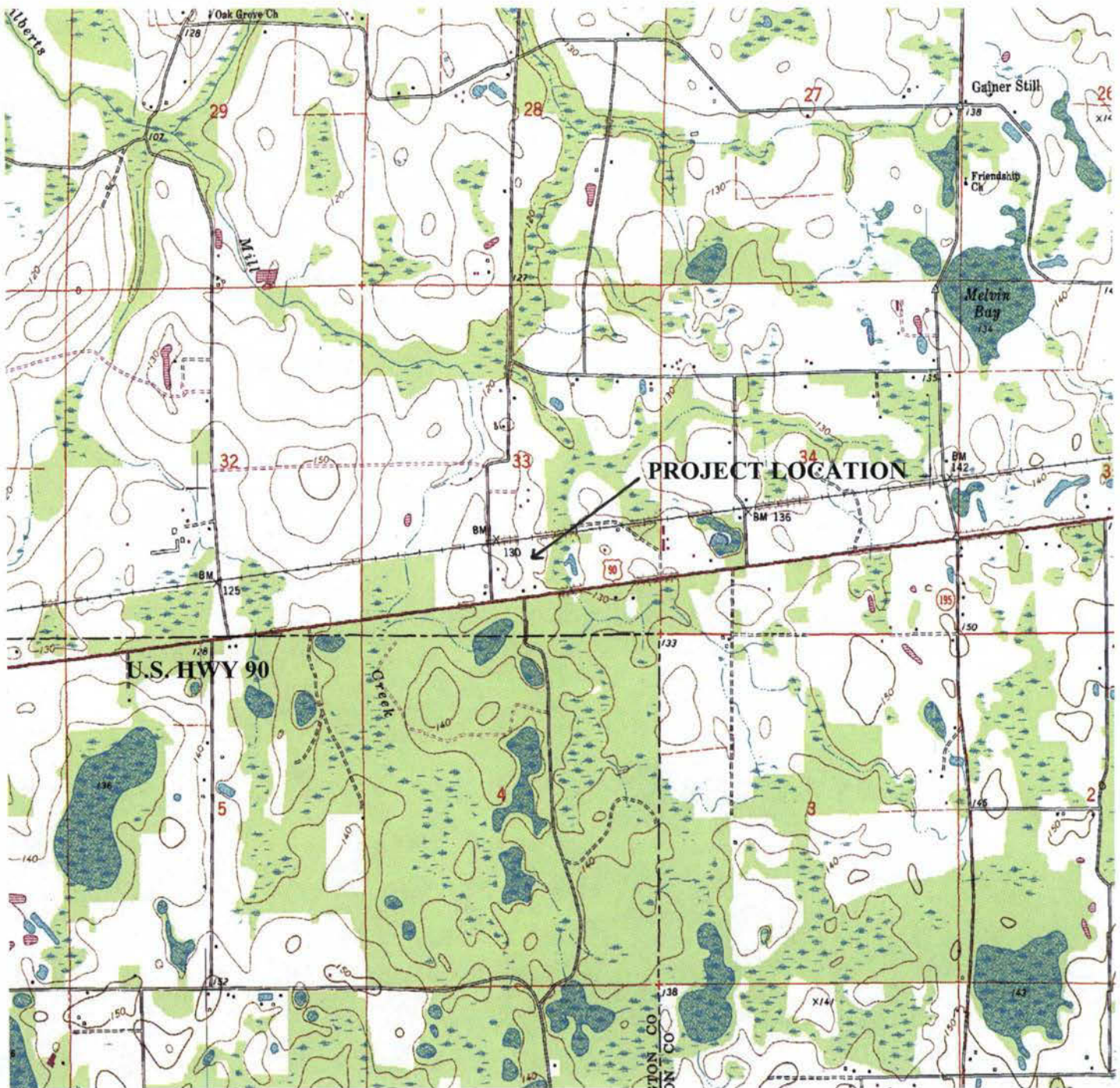
This is to certify that the engineering features of this waste tire processing facility have been designed/examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgment, this facility, when properly maintained and operated will comply with all applicable statutes of the State of Florida and rules of the Department. It is agreed that the undersigned will provide the applicant with a set of instructions for proper maintenance and operation of the facility.

7/9/10
Leann E. Nobles, P.E., Vice-President
 Signature Name and Title
5452
 Florida Registration Number

4428 Lafayette St.
 Mailing Address
Marianna, FL 32446
 City, State, Zip
(850) 482-3045
 Telephone number

(please affix seal)

7/9/10
 Date

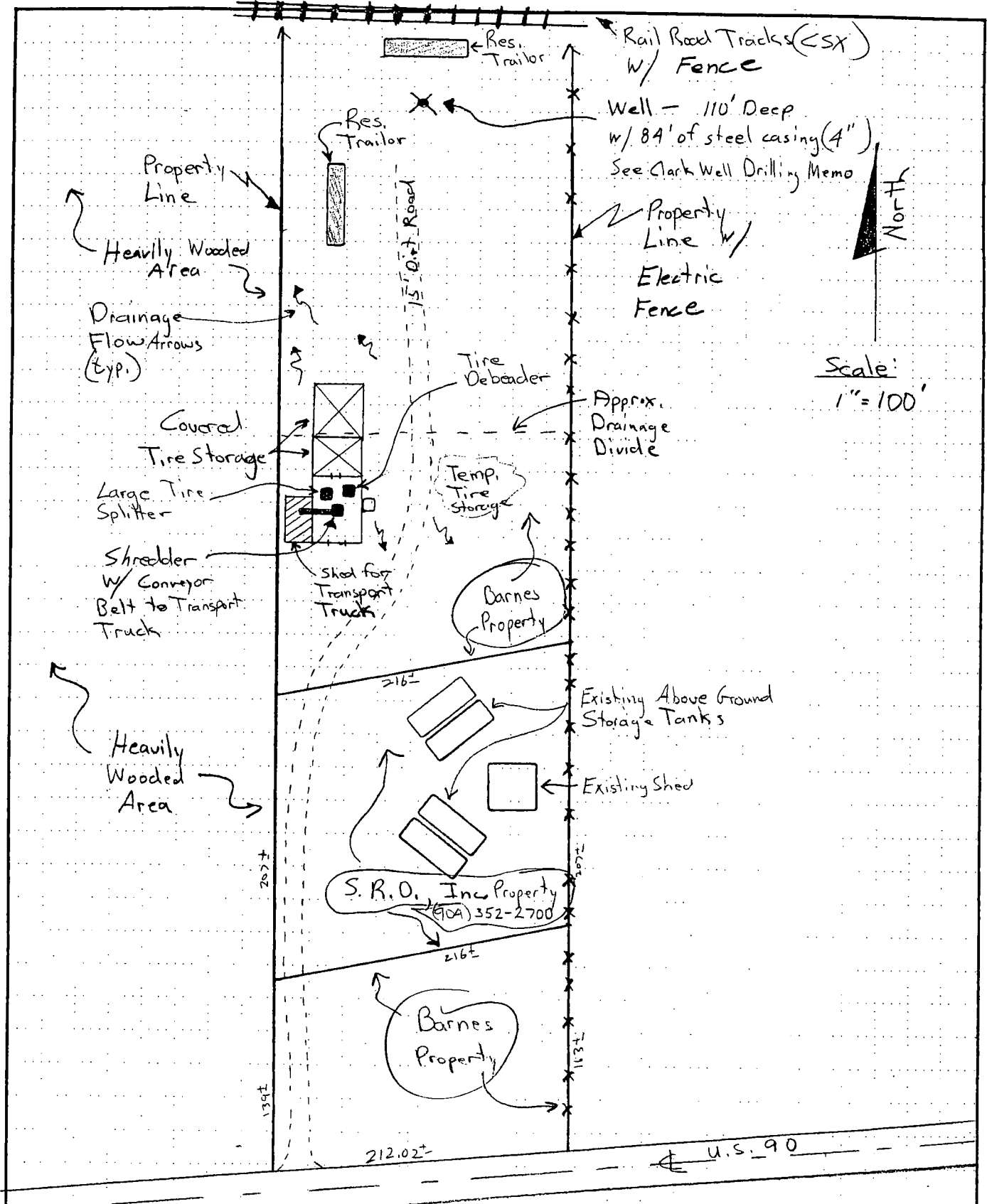


PROJECT LOCATION MAP TIRE DISPOSAL SERVICES

Location: Cottondale, Florida
County: Jackson
Section: 34 Township: 5N Range: 12W
Latitude: 30° 47' 21" Longitude 85° 25' 54"
Cottondale West Quadrangle



4428 Lafayette St. P.O. Box 840
Marianna, Florida 32447
(904) 482-3045





UNTHA tire shredder with conveyer that dumps into tractor trailer.



End of conveyer that dumps shredded tires into trailer.



From center of site looking northeast at the tractor trailers that store the whole tires.

Facility Operation Process

Description

1. Whole tires will be delivered to site by truck.
2. Tires will be taken directly from truck and inserted into Harvest Hand tire chopper to reduce tire size.
3. Chopped tires are fed into UNTHA RS-50 tire shredder.
4. Processed tire (pieces 4 square inches or less) will travel from shredder on conveyer system to truck.
5. Truck will transport and dispose of processed tires at the Springhill Regional Landfill.

Throughput

Maximum Daily: 1200 tires/day

Planned Daily: 1200 tires/day

Annual Daily: 312,000 tires/year

$$30 \times = 36,000$$

$$60 \times = 72,000$$

*Max storage
based on daily
throughput*

EMERGENCY PREPAREDNESS MANUAL

PREPARED FOR:

TIRE DISPOSAL SERVICES

3053 BARNES LANE

COTTONDALE, FL 32431

(850) 526-3813

OWNER/OPERATOR: JIM MERRIFIELD

JULY , 2010

EMERGENCY CONTACTS

In the event of a fire, flood or other emergency, the following people should be contacted:

1. Jason Merrifield: (850) 557-1947
2. Charlene Merrifield: (850) 482-6326
3. Alan Pelt: (850) 482-6614

EMERGENCY RESPONSE EQUIPMENT

1. Two onsite fire extinguishers are located at both entrances of the shredder bay on the south and east walls. Follow directions on fire extinguisher to put out flames if possible.
2. The City of Cottondale Volunteer Fire Dept. is located approximately 4 miles from the facility. Contact the Fire Dept. immediately for assistance.

EMERGENCY PROCEDURES

In the event of a fire at the facility, follow the procedures listed below:

1. If fire can be contained with onsite fire extinguisher, do so.
2. Call "911" and explain emergency.
3. Evacuate area and adjacent buildings immediately.
4. Remain at a safe distance until fire is extinguished.
5. Since whole waste tires are not stored onsite, oily residue left from burning tires shall be minimal. However, any residue shall be collected and discarded into tractor trailer.
6. Any areas that contained oily residue shall be washed down in such a way that there is no runoff whatsoever from the site.

7-8-10

FIRE INSPECTION REPORT

 Address Barnes Ln. No 3053 Cottendale, FL 32431 Occupant Tire Disposal Services
 Owner or Agent James Merrifield Phone # 850-352-1044
 Construction Metal Roof Metal Stories 1
 Occupancy Business / Tire Disposal Square Footage _____ Occupant Load _____

Fire Hazards	Good	Bad	None	Fire Protection	Good	Bad	None
Extinguishing Systems	✓			Sprinklers/F.D. Connections			✓
Clearances	✓			Standpipes/Fire Pump			✓
Gas Pipe Fit into Flue			✓	Fire Alarm Systems			✓
Storage Explosives			✓	Fire Doors			✓
Storage Inflammables	✓			Smoke Detectors/Sys			✓
Storage Area	✓			Aisles			✓
				Halls			✓
Condition of				Stairwells/Vertical Openings			✓
Switches/Circuit Breakers	✓			Automatic Hood Systems			✓
Electric Wiring	✓			Location of Cutoffs			
Electric Appliances			✓	Sprinklers			
Exterior Walls			✓	Gas			
Roof Ducts			✓	Electric			
Landscaping/Housekeeping	✓						
Illuminated Exit Signs			✓				
Emergency Lighting			✓	Days given to remedy			
Conditioning System			✓	Date Re-Inspected			
Gas Appliances			✓	Days Extension			
Windows/Exit Doors			✓	Remedied: [] Yes [] No			
Fire Extinguishers	✓			Liability Notice Served			
Serviced 7-2010	✓			Date Remedied			
Number of Exits	3			Inspector <u>Sean Collins</u>			
Number of Units of Exits	—			FL Lic# <u>102361</u>			
Average Distance to Exit(s)	Less than 75'			Occupant <u>Jim Merrifield</u>			

Remarks: No violations. All bldgs are open with no doors. Owner in process of cleaning address material from operation area upon request.
Sean Collins
All extinguishers mounted and tagged per NFPA 10.

Closing Cost Estimate

On July 8, 2010 David Little of Little Tire Recycling in Andalusia, AL gave a cost estimate of \$600 per trailer load, or \$0.50 per passenger tire and \$2.00 per truck tire for the removal of tires due to the closing of Tire Disposal Services.

Maximum amount on site at any given time: 60 tons

1 trailer load = approx. 12 tons

To remove maximum amount of tires from site at closure:

$60/12 = 5$ trailer loads = \$3,000

Closing Plan

Description

1. Property will be gated in order to stop the public access.
2. Notice will be posted indicated that the site is closed with the phone number of the county solid waste authority.
3. Notification will be sent to the Department of Environmental Protection and Jackson County of the closing.
4. All waste tires and residuals will be removed and taken to the Springhill Regional Landfill.
5. Removal of all solid waste to a permitted solid waste management facility.
6. Notify the Department of Environmental Protection when closing is complete.

****Closing will be completed within three weeks of notification.**

July 8, 2010

To Whom It May Concern:

In the event of the closure of Tire Disposal Services, Cottondale, FL, Little Tire & Recycling has agreed to remove remaining tires. The cost will be \$600 per trailer load, or 50 cents per passenger tire and \$2.00 per truck tire.

A handwritten signature in black ink, appearing to read "David Little". The signature is fluid and cursive, with a large, stylized "L" and "T" in the last name.

David Little
Little Tire Recycling
10724 Salem Church Road
Andalusia, Al 36420
334-427-1608
ADEM #S0000025404

COPY
15th + 2010



Department of Environmental Protection

DEP Form # 62-701.900(21)
Waste Tire Processing Facility
Form Title Quarterly Report
Effective Date 3/22/00
DEP Application No. (Filled in by DEP)

Waste Tire Processing Facility Quarterly Report

Pursuant to Rule 62-711.530, Florida Administrative Code, the owner or operator of a waste tire processing facility shall submit the following information to the Department quarterly.

Quarter covered by this report 1st (First quarter begins on January 1 of any given year)

- Facility name: Tire Disposal Services
- Facility mailing address: P.O. Box 550
City: Cotnamdale County: FL Zip: 32431
- Facility permit number: 0064386-003-WT
- Facility telephone number: (850) 352-1044
- Authorized person preparing report: Jim Merrifield
- Affiliation with facility: Owner
- Telephone number (if different from above): ()
- Activity: Report in tons

	Beginning Inventory	Received	Processed	Consumed	Removed	Adjustments	Ending Inventory
Used Tires							
Other whole Tires	12	391	285		106		12
Processed tires							
Processing Wastes							
Other							
Total	12	391	285		106		12

- Explain all inventory adjustments.
- List any period in which one or more category of inventory exceeded the permitted maximum for that category. How was that condition relieved?

For any excess inventory at the end of the quarter, state how and when this condition will be relieved. Attach Additional sheets, if necessary.

9. Certification:

To the best of my knowledge and belief, I certify the information provided in this report is true, accurate, and complete.

Jim Merrifield
Print Name of Authorized Agent

Jim C. Merrifield
Signature of Authorized Agent

4-29-10
Date

Mail complete form to
the appropriate district office

Tire Disposal Services
0064386-003-WT
Attachment 2
Page 1 of 1

Northwest District
160 Governmental Center
Pensacola, FL 32501-5784
850-595-5360

Northeast District
7825 Baymeadows Way, Ste. 200 B
Jacksonville, FL 32256-7580
904-448-4300

Central District
3318 Maguire Blvd., Ste. 222
Orlando, FL 32809-8767
407-884-7555

Southwest District
3804 Coconut Palm Dr.
Tampa, FL 33619
813-744-6100

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33902-2649
941-332-6975

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-681-6800



Department of Environmental Protection

APPLICATION FOR TRANSFER OF PERMIT

RECEIVED

FEB 22 2003

Northwest Florida
DEP

Permit No. 0064386-001-WT Date Issued 7/30/99 Date Expires 7/30/2004

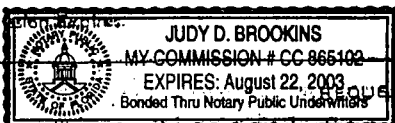
NOTIFICATION OF SALE OR LEGAL TRANSFER

Source Name: Barnes Waste Tire Processing Facility County: Jackson
Source Location: Latitude/Longitude: 30°47'21"N/85°24'54"W City: Marianna
Section/Township/Range: 34/5N/12W
Permittee Name: D. E. Barnes Title: Owner
Mailing Address: P. O. Box 119, Marianna, Florida 32447

The undersigned hereby notifies the department of the sale or legal transfer of this pollution source. He further agrees to assign his rights as permittee to the applicant in the event the department agrees to the transfer of permit.

Sworn to and subscribed before me at Jackson County, Florida
this 14th day of February 2000
Judy D. Brooks Notary Public Date: 2-14-2000
Signature of Permittee: D. E. Barnes Title: _____

My Commission Expires:



REQUEST FOR TRANSFER OF PERMIT

Source Name: Rate Adjustment Services
Applicant Name: J. E. Merrifield Title: Owner
Mailing Address: P. O. Box 550
Cottondale, FL 32431 Telephone: 1850 1352-1044
Project Engineer: Name: Leon E. Nobles, III
Mailing Address: P. O. Box 840
Marianna, FL 32447 Telephone: 1850 1482-3045

The undersigned hereby notifies the department of his having acquired title to this pollution source. He further states that he has examined the application and documents submitted by the current permittee the basis on which Permit No. 0064386-001-WT was issued by the department, and states that they accurately and completely describe the permitted activity or project. He further states that he is familiar with the permit, agrees to comply with its terms and conditions, and agrees to assume the rights and liabilities contained therein. He also agrees to promptly notify the department of any future change in ownership of, or responsibility for, the permitted activity or project.

Sworn to and subscribed before me at Marianna, FL County, Jackson
this 31st day of JANUARY 2000
Frances M. Cobb Notary Public Date: 1-31-00
Signature of Applicant: J. E. Merrifield Title: Owner

My Commission Expires: 6-8-02

*Attach letter of authorization if other than owner or corporate officer.

FRANCES M. COBB
Notary Public, State of Florida
My commission expires
Commission # _____