



Board of County Commissioners
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION

P.O. Box 340, Lecanto, Florida 34460
Telephone: (352) 527-7670 FAX: (352) 527-7672
email: landfillinfo@bocc.citrus.fl.us
TDD Telephone: (352) 527-5303
Citrus Springs/Dunnellon/Ingles/Yankeetown area Toll Free (352) 489-2120

June 29, 2010

Certified / Return Receipt Requested
7007 0710 0004 3505 5622

Mr. Steve Morgan
Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

RE: Waste Tire Processing Facility Permit Renewal Application

Dear Steve,

Attached is a Waste Tire Processing Facility Permit Application (Renewal) for Citrus County. Included with the application is a check in the amount of \$1,250 for the application fee.

If you have any questions, please do not hesitate to call me at 352-527-7670, or email at Casey.stephens@bocc.citrus.fl.us.

Sincerely,

T. Casey Stephens, Director
Citrus County Division of Solid Waste Management

Dept. Of Environmental Protection
JUL 12 2010
Southwest District

Dept. Of Environmental Protection
JUL 12 2010
Southwest District

cc: File



Department of Environmental Protection

DEP Form # 62-701.900(23)
Waste Tire Processing Facility
Form Title <u>Permit Application</u>
Effective Date <u>3/22/00</u>
DEP Application No. _____ (Filled in by DEP)

Waste Tire Processing Facility Permit Application

Permit No. 126602-002-WT/02

Renewal ☒ Modification ☐ Existing unpermitted facility ☐ Proposed new facility ☐

Part I-General Information:

A. Applicant Information:

1. Applicant Name: Citrus County Board of County Commissioners
2. Applicant Street Address: 230 West Gulf to Lake Highway
3. City: Lecanto County: Citrus Zip: 34461
4. Applicant Mailing Address: P. O. Box 340
5. City: Lecanto County: Citrus Zip: 34460
6. Contact person: T. Casey Stephens Phone: (352) 527-7670 FEID No: 59-6000-548
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: Citrus County Central Landfill
2. Facility Street Address (Main Entrance): 230 West Gulf to Lake Highway
3. City: Lecanto County: Citrus Zip: 34461
4. Facility Mailing Address: P. O. Box 340
5. City: Lecanto State: Citrus Zip: 34460
6. Contact Person: T. Casey Stephens Phone: (352) 527-7670
7. Facility Location Coordinates:
Section: 1 Township: 19S Range: 18E
Latitude: 28 51" 10" N Longitude: 82 26' 40" W
8. Anticipated date for starting construction N/A and for completion of construction N/A
9. Anticipated date for receipt of tires Currently Operating and for start of processing _____

Mail completed form to
appropriate district office listed below

Northwest District
160 Governmental Center
Pensacola, FL 32501-5794
850-595-8380

Northeast District
7825 Baymeadows Way, Ste. 200 B
Jacksonville, FL 32256-7590
904-448-4300

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

Southwest District
3804 Coconut Palm Dr.
Tampa, FL 33619
813-744-8100

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33902-2549
941-332-8875

Southeast District
480 North Congress Ave.
West Palm Beach, FL 33411
661-681-6600

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Southwest District

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

- Owner's name: The site is owned by the applicant, the Citrus County Board of County Commissioners
- Land owner's mailing address: _____
- City: _____ State: _____ Zip: _____
- Authorized Agent: T. Casey Stephens Agent's phone (352) 527-7670
- Current lease expires: N/A

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

- Operator's name: _____
- Operator's mailing address: _____
- City: _____ State: _____ Zip: _____
- Contact person: _____ Phone: ()

E. Preparer of Application:

- Name of person preparing application: T. Casey Stephens
- Mailing address: P. O. Box 340
- City: Lecanto State: Florida Zip: 34460
- Phone: (352) 527-7670
- Affiliation with facility: Solid Waste Director

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 Tires shipped to alternative fuel power plant

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>115</u>	<u>5,000</u>	<u>---</u>	<u>---</u>	<u>115</u>
Processed tires:	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>
Processing residuals:	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>
TOTALS:	<u>115</u>	<u>5,000</u>	<u>---</u>	<u>---</u>	<u>115</u>

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DEP Form # 62-701.900(23)
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DEP Application No. _____ (Filled in by DEP)

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 permitted solid waste management facility where processed tires or residuals will be disposed.

1. Name of facility Ridge Generating Station LLP

2. Street address: 3131 K-ville Avenue

3. City: Auburndale County: Polk Zip: 33823

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

Ridge Generating Station LLP burns the tires as fuel in an alternative fuel electric generation facility.

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.

DEP Form # 62-701.800(23)
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- 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 Citrus County BOCC
Is aware that statements made in this form and attached information are an application for a
Waste Tire Processing 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.

T. Casey Stephens
Signature of Applicant or Authorized Agent

T. Casey Stephens, Director
Name and Title

6/27/10
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
statues 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.

Jeffrey W. Rogers, P.E.
Signature

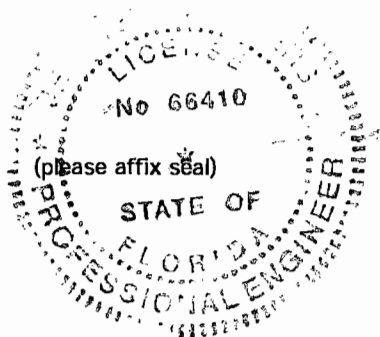
360 W. Sovereign Pkwy. Suite 241
Mailing Address

Jeffrey W. Rogers, Engineer Project Manager
Name and Title

Lecanto, FL 34461
City, State, Zip

#66410
Florida Registration Number

352-527-5374
Telephone number



06-28-2010
Date

Dept. Of Environmental Protection

JUL 12 2010

Southwest District

ATTACHMENTS

ATTACHMENT 1

Page 1..... Enforcement History

Page 2..... Facility Design

Page 3..... Facility Operation

Page 7..... Closing Plan for the Facility

Page 8..... Proof of Financial Responsibility

Page 8..... Permission from Landowner

Page 8..... Environmental Use Permits

Page 8..... Permit Fee

ATTACHMENT 2..... Emergency Response Manual

ATTACHMENT 3..... Fire Prevention Inspection Report

ATTACHMENT 4..... Financial Assurance Cost Estimates

ATTACHMENT 5..... Contractor Letter regarding Facility Closure

ATTACHMENT 6..... Site Plan prepared by Citrus County Department of
Public Works, Engineering Division

ENFORCEMENT HISTORY

Citrus County Central Landfill, Permit No. 21375-008-SO/01 and previous permits

Consent Agreement OGC Case No. 05-1078 in which the department finds that groundwater and gas standards have been violated and both parties have agreed to investigation and compliance action plans.

Consent Order OGC Case No 92-2203 (no signed copy in our files) related to open burning of yard waste in which the settlement was an agreement to clean up illegal dumpsites.

Action for which there is no copy in our files related to warning notices wherein the County corrected conditions at the landfill for leachate, liner protection and completion of 60-acre closure, plus made improvements to Withlacoochee Rails to Trails 13 in the Withlacoochee State Forest.

As a result of an inspection in May 6, 2009, the County was given Warning Letter WL09-013SW09SWD, for insufficient initial cover. The County was subsequently fined \$3,000 plus \$500 in administrative costs.

WN92-0019SW09SWD Leachate
WN92-0010AP09SWD Open Burning
WN91-0018SW09SWD Multiple Items
WL09-013SW09SWD Insufficient Daily Cover

Waste Tire Collection Facility Permit Renewal
Citrus County
Attachment -- Page 2

FACILITY DESIGN

Attachment #6 is a Site Plan / Topographical Map of the Section including the Citrus County Central Landfill and Waste Tire Facility therein, as approved by Jeffrey W. Rogers, P.E., Citrus County Engineer, who holds Florida Professional Engineer license number 66410.

Dept. Of Environmental Protection

JUL 12 2010

Southwest District

FACILITY OPERATION

Description of Facility Operation

The Citrus County Central Landfill is open 8:00 am to 4:30 pm Monday through Friday and 8:00 am to 2:30 pm on Saturdays to receive solid waste, recyclables, yard waste, and waste tires for disposal or storage prior to recycling, in designated locations according to material type.

The landfill scalehouse is equipped with two computerized truck scales. The scales are controlled through a local area network utilizing Autoscale software from Mettler Toledo.

Up to nine (9) tires transported by residential customers are manually entered into Autoscale, using a conversion factor of 29.0 pounds per tire. The conversion factor was derived from measurements of the weight of counted roll-off loads of both rimmed and unrimmed tires and historical data on the ratio of rimmed and unrimmed tires received at the Citrus County Central Landfill. Commercial loads of waste tires are scaled for gross weight on the inbound scale and tare weight on the outbound scale. Daily tire transaction records are converted through Autoscale to provide monthly and annual tracking reports.

Any person transporting more than twenty-four (24) tires is required to be a registered waste tire collector and display the proper waste tire transporter decal. All vehicles that do not have the decal are given an application for a FDEP Waste Tire Collector Permit.

All tires are off-loaded in the waste tire storage bay located in the Citizen Service Area. Within this area, tires are further separated into clearly marked rimmed and unrimmed tire bays.

The County maintains a contract with Wheelabrator – Ridge Generating Station LLP to use the tires as fuel at their alternative fuel power plant in Polk County. At such time as the contract may be re-bid, County bid specifications state that tires shall be disposed of in a manner that is considered to be recycling by the Florida Department of Environmental Protection.

Processing Equipment

The on-site processing consists of loading the tires into open-top transfer trailers for shipment to the Wheelabrator – Ridge Generating Station LLP facility in Polk

County. A John Deere 644J high-reach front-end loader with a tire grapple is used to load the trailers.

Disposal of Waste

The only waste expected in the tire collection area are items mistakenly left behind by the public. These items are recovered by staff and either recycled or disposed of in the on-site Class 1 Landfill as appropriate. Disposal of oversized, non-DOT tires is through our contract with Wheelabrator.

Daily and Annual Throughput

Based on historical data and current trends, total annual volume is expected to be approximately 500 tons. Average daily volume is approximately 1.5 tons.

Compliance with Storage Requirements of F.A.C 62-711.540

---Technical and Operational Standards

a) Signage

At the scalehouse, through which all vehicles accessing the site must pass, there are signs indicating

- The hours of operation
- Disposal costs including the cost for tire disposal
- Site Rules

b) Fire

There are no operations involving the use of open flame within 200 feet of the waste tire storage site.

c) Attendant Requirement

The waste tire storage site is within the Citizen Service Area. There is a trained solid waste spotter at all times as required by permit no. 21375-008-SO-01 for the facility.

d) Fire Protection

The current Fire Prevention inspection report, dated 04/23/2010 is attached as an addendum. Annual Fire Prevention inspection reports are kept on file for review at the Citrus County Central Landfill.

e) Emergency Response Manual

The Waste Tire Facility Emergency Response Manual is attached as an addendum. A copy of this manual is kept in a weatherproof box at the main gate for emergency responders.

f) Reporting

Emergency reporting procedures as required for this permit are contained in the Emergency Response Manual.

g) Reporting

Records of the quantity of tires received, stored and shipped from the waste tire collection site are prepared and maintained through the scale management system. Waste tire processing quarterly reports containing this information are also forwarded to the Florida Department of Environmental Protection.

h) Site Ownership

The owner and operator of the site is the Citrus County Board of County Commissioners.

i) Communication

The Citizen Service Area attendant, who also monitors the waste tire site, is in radio communication with the scale house and the administration office, as well as all equipment operators. This allows immediate communications/assistance in the event of an emergency

j) Mosquito and Rodent Control

Mosquito control is established through routine inspection and spraying by the Citrus County Mosquito Control District personnel.

k) Access Road

Access to the tire site is assured at all times during facility operating hours.

---Indoor Waste Tire Storage Requirements

Waste Tires will not be stored indoors.

Dept. Of Environmental Protection

JUL 12 2010

Southwest District

--Outdoor Waste Tire Storage Requirements

- a) Proximity to Bodies of Water** The Citrus County Central Landfill Waste Tire Site is not located within 200 feet of any natural or artificial body of water.
- b) Maximum Tire Pile Dimensions**
The Waste Tire Site:
- Consists of a concrete slab approximately 90 feet by 50 feet.
 - The slab is surrounded on the north and west sides by an 8 foot tall reinforced concrete wall, and a six foot tall concrete barrier on the south side. The east side opens onto the asphalt-paved Citizen Service Area.
 - Total storage is approximately 4,500 square feet.
- c) Fire Control Access**
A fifty-foot wide access lane is maintained around the waste tire site. At the south end of the site is a drop-off area for bulky waste including rolloff containers to transport the waste to the Class 1 disposal cell. County Fire Prevention, through their annual Fire Prevention Inspection reports have indicated no concerns about fire control access.
- d) Site Access Control**
A six-foot high chain link fence, topped with barbed wire, encloses the entire perimeter of the Citrus County Central Landfill. All gates are locked after normal operational hours.
- e) Protection of Water Bodies**
The waste tire site is completely surrounded by the Central Landfill Facility, which is not located within 200 feet of any natural or artificial body of water. All drainage is maintained on the landfill property.
- f) Vegetation and Underbrush Control**
The tire site is on an eight-inch thick concrete slab, with concrete walls on three sides. The open side of the facility faces the asphalt pad of the Citizen Service Area. No vegetation exists within or in front of the waste tire storage site.

Waste Tire Collection Facility Permit Renewal
Citrus County
Attachment -- Page 7

---Temperature of Processed Tires

Tires are not and will not be processed on site.

---Tire Residuals Control

There will be no tire residuals generated.

---Exceptions

No exceptions are requested.

---Location of Emergency Response Manual

In addition to a copy being maintained inside the Landfill Administration Building, a copy of the Emergency Response Manual is kept in a weatherproof box at the main entrance gate to the landfill facility.

An off-site copy of this manual is located in the County's Fire Services Office at the Lecanto Government Complex at 3600 W. Sovereign Path, Lecanto, Florida 34461.

A copy of this manual is attached.

---Fire Safety Survey

The current Fire Prevention Inspection report, dated 04/23/2010, is attached.

---Description of how 75 percent of the annual accumulation will be removed for recycling.

Tires are transported to the contractor's alternative fuel power plant at least monthly; substantially before the 115 ton storage capacity of the tire site is exceeded. The 115 ton limit represents less than 25% of the expected annual volume of waste tires; therefore in excess of 75% of the expected annual accumulation of waste tires will be processed.

CLOSING PLAN FOR THE FACILITY

In closing the facility, the operator will proceed as detailed in 62-711-700(2) and (3), F.A.C.

- 1) The operator of the waste tire site shall stop public access by posting a sign stating the site is closed, indicating where to dispose of tires, and posting a phone number to obtain further information.

Waste Tire Collection Facility Permit Renewal
Citrus County
Attachment -- Page 8

- 2) The operator shall notify the Department of Environmental Protection of intent to close the site and provide a schedule for closing activities. If site rehabilitation is required, the operator will provide a rehabilitation plan when notification of closure is submitted.
- 3) All waste tires shall be removed from the site and transported to an FDEP approved waste tire recycler or FDEP approved waste tire disposal facility.
- 4) The operator shall notify the FDEP upon completion of closure and request site inspection.
- 5) Proof of financial responsibility is attached.

PROOF OF FINANCIAL RESPONSIBILITY

Attached is a quote from our contractor, Wheelabrator – Ridge Generating Station LLP, stating that they will load, transport, process and dispose of 115 tons of tires from the Citrus County Central Landfill for \$100 per ton or a total of \$11,500. The maximum amount of tires allowed on site per our current permit is 115 tons. Closure of the tire site would be part of the total landfill closure. Also attached is a copy of the FDEP Financial Assurance Cost Estimate form for the Citrus County Central Landfill. The closure plan includes Waste Tire Facility closure costs of \$11,500.

PERMISSION FROM LANDOWNER

Does not apply.

ENVIRONMENTAL USE PERMITS

Does not apply.

PERMIT FEE

A check in the amount of \$1,250 is attached.



Board of County Commissioners
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION

P.O. Box 340, Lecanto, Florida 34460

Telephone: (352) 527-7670 FAX: (352) 527-7672

email: landfillinfo@bocc.citrus.fl.us

TDD Telephone: (352) 527-5303

Citrus Springs/Dunnellon/Inglis/Yankeetown area Toll Free (352) 489-2120

MEMORANDUM

DATE: JUNE 22, 2010

TO: LAWRENCE MORABITO, CHIEF, CITRUS COUNTY FIRE RESCUE

FROM: CASEY STEPHENS, DIRECTOR
DIVISION OF SOLID WASTE MANAGEMENT *C. Stephens*

SUBJECT: EMERGENCY RESPONSE MANUAL – WASTE TIRE STORAGE/
PROCESSING FACILITY FOR THE CENTRAL LANDFILL

In compliance with Florida Administrative Code Chapter 62-711 – Waste Tire Rule – (62-711.540) (e) Annual Update, please find attached the revised Emergency Response Manual for the Citrus County Waste Tire Storage Facility for your records. This revision is dated June, 2010.

Should you have any questions, please let me know.

cc: Larry Brock, Acting Director, Department of Public Works
Laurie McLean, Coordinator, Fire Prevention
Craig Stevens, Coordinator, Special Operations
Captain J. Eckstein, Director, Emergency Operations Center / 911
Susan Pelz, Department of Environmental Protection – Tampa
Carmen C. Bruno, Customer Service Supervisor, Solid Waste Management



**Board of County Commissioners
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION**

P.O. Box 340, Lecanto, Florida 34460
Telephone: (352) 527-7670 FAX: (352) 527-7672
email: landfillinfo@bocc.citrus.fl.us
TDD Telephone: (352) 527-5303
Citrus Springs/Dunnellon/Inglis/Yankeetown area Toll Free (352) 489-2120

MEMORANDUM

DATE: JUNE 22, 2010

TO: LAWRENCE MORABITO, CHIEF, CITRUS COUNTY FIRE RESCUE

**FROM: CASEY STEPHENS, DIRECTOR
DIVISION OF SOLID WASTE MANAGEMENT** *C. Stephens*

**SUBJECT: EMERGENCY RESPONSE MANUAL – WASTE TIRE STORAGE/
PROCESSING FACILITY FOR THE CENTRAL LANDFILL**

In compliance with Florida Administrative Code Chapter 62-711 – Waste Tire Rule – (62-711.540) (e) Annual Update, please find attached the revised Emergency Response Manual for the Citrus County Waste Tire Storage Facility for your records. This revision is dated June, 2010.

Should you have any questions, please let me know.

cc: Larry Brock, Acting Director, Department of Public Works
Laurie McLean, Coordinator, Fire Prevention
Craig Stevens, Coordinator, Special Operations
Captain J. Eckstein, Director, Emergency Operations Center / 911
Susan Pelz, Department of Environmental Protection – Tampa
Carmen C. Bruno, Customer Service Supervisor, Solid Waste Management

**CITRUS COUNTY CENTRAL LANDFILL
WASTE TIRE STORAGE/PROCESSING FACILITY
EMERGENCY RESPONSE MANUAL**

FOR

**DEPARTMENT OF PUBLIC WORKS
DIVISION OF SOLID WASTE MANAGEMENT**

**CITRUS COUNTY CENTRAL LANDFILL
230 W. GULF TO LAKE HIGHWAY
LECANTO, FLORIDA 34461**

(352) 527-7670

**UPDATED
JUNE, 2010**

A. PREPAREDNESS

Local fire authorities have been notified, and will be kept apprised, of the operations at the Citrus County Central Landfill Waste Tire Storage Facility located in Recycle Alley at the Central Landfill, 230 W. Gulf to Lake Highway, Lecanto, Florida 34461. A site diagram will be provided as well as a copy of all revisions.

Waste tires are removed on a monthly basis through the County's Recycling and Transport contractor. The County's permit allows for up to 115 tons of waste tires to be accumulated and stored on site between removals.

The off-site copy of this manual is maintained in the Citrus County Department of Fire Rescue at the Lecanto Government Building, 3600 W. Sovereign Path, Suite 291, Lecanto, Florida.

B. EMERGENCY NOTIFICATION LIST

In the event of an emergency at the Waste Tire Storage Facility, the Solid Waste Management Division Director, Customer Service Crew Leader, or designee, shall make notification(s) using the following list. The agency or agencies to be notified shall be based upon the type and degree of emergency.

Hospital:	Citrus Memorial Hospital 502 West Highland Boulevard Inverness, Florida 34453	(352) 726-1551
Law Enforcement:	Citrus County Sheriff's Office 100 South Park Avenue Inverness, Florida 34452	(352) 726-4488
Emergency:	Emergency Response – 911 3549 Saunders Way Lecanto, Florida 34461	911
Fire and Hazardous:	Citrus County Department of Fire Rescue 3600 W. Sovereign Path, Suite 291 Lecanto, Florida 34461	(352) 527-5406
Emergency Medical:	Nature Coast EMS 3876 W Country Hill Drive Lecanto, Florida 34461	(352) 637-4121

Environmental:

Department of Environmental (813) 744-6100
Protection
13051 N. Telecom Parkway
Temple Terrace, Florida 33637-0926

C. EMERGENCY PROCEDURES

Every effort shall be made to operate the facility in a safe manner. In the event of a small fire, the personnel discovering the fire should determine if it can be extinguished safely and quickly with the available fire extinguisher. If the fire can safely be extinguished with available materials, appropriate actions should be taken, and timely notification made to the Director or Customer Service Crew Leader.

In the event of a larger fire, the Director and/or Customer Service Crew Leader, or other such person as may from time to time be designated, shall be notified immediately and he/she shall notify 911, and mobilize on-site equipment, which include one (1) 1,000 gallon water tank with pump, until emergency response vehicles arrive at the site. In addition, there is a fire hydrant in the vicinity of the southwest corner of the tire storage area. The Citrus County Fire Rescue, the emergency response agency for the Central Landfill, has a facility located approximately one and one-half miles from the Central Landfill.

In the event of a large fire creating oily material at the site, the following procedure shall be implemented:

- 1) The area shall be diked with absorbent to prevent spreading;
- 2) Absorbents shall be spread to clean up material;
- 3) Used absorbents shall be contained in 55 gallon steel drums;
- 4) The drums shall be properly disposed of through the County's Hazardous Waste Disposal Contractor;
- 5) Other such steps as are deemed necessary by the Fire Services officer-in-charge at the scene and/or the Director of Solid Waste Management.

All materials needed for clean up and disposal are stored in the Household Hazardous Waste Collection Center located at the southwest corner of the Central Landfill.

D. FOLLOW UP

In the event of an emergency, the permittee shall immediately (within 24 hours) notify the FDEP explaining the occurrence and remedial measures to be taken, method to prevent reoccurrence, and time needed for repair. Written, detailed notification shall be submitted to the FDEP within seven (7) days following the occurrence.

FIRE PREVENTION INSPECTION REPORT

3600 W. Sovereign Path, Suite 292, Lecanto, FL 34461 • Office (352) 527-5407 • Fax (352) 527-5523

Business Name: Landfill Waste Tire Storage
 Physical Address: 230 W. Gulf to Lake Hwy
 Mailing Address: _____ City Limits: ☒ Y ☐ N
 City: Lecanto Zip Code: 34461
 Description: Annual
 Plaza ☐ Yes ☒ No
 Unit #: _____ Station: 23
 Owner/Manager: K C Stevens
 Owner/Man. Phone #: 352-249-7912

Business Phone #: 527-7670
 Building Permit #: _____
 Plans Review #: _____
 Type of Construction: II
 Occupancy Class.: Storage
 Occupant Load: _____
 Tables & Chairs: _____
 Chairs: _____
 Square Footage: _____

☐ Initial ☐ Construction ☐ Request ☐ Complaint ☐ Re-inspection ☐ Other _____

CODE DEFICIENCIES:

County/City Occupational License: _____

STORAGE

- ☐ Improper storage of combustible material
- ☐ Storage too close to ceiling ck
- ☐ Storage too close to electrical panel
- ☐ Unsafe storage

EXIT DEFICIENCIES

- ☐ Exits inadequate number or capacity
- ☐ Aisles/corridors too narrow ck
- ☐ Exit door does not swing in direction of travel
- ☐ Door not equipped with approved exit hardware
- ☐ Exit doors inoperative or locked
- ☐ Exit blocked / obstructed
- ☐ Emergency lights not provided or working
- ☐ Exit sign(s) not illuminated
- ☐ Exit sign(s) battery not operable

EXTINGUISHERS

- ☐ Extinguishers not provided ck
 - ☐ Not proper type
 - ☐ Not inspected / tagged Every day
 - ☐ Not visible / accessible
 - ☐ Inadequate number
 - ☐ Not charged / operable
 - ☐ Not properly installed
- Date last inspected: Aug 2009
 Number: 1 Type: ABC

SPRINKLERS/STANDPIPE

- ☐ System not inspected / maintained N/A
 - ☐ Valves closed
 - ☐ Valves not accessible
 - ☐ Heads obstructed or too close to stock
 - ☐ FDC deficiency
 - ☐ Valve not secured / monitored
- Date last inspected: _____

FIRE ALARM

- ☐ Fire alarm not provided N/A
 - ☐ Fire alarm does not meet code
 - ☐ Fire alarm not inspected/maintained
 - ☐ Smoke detector not provided
 - ☐ Smoke detector inoperative
- Date last inspected: _____

ELECTRIC EQUIPMENT

- ☐ Overloaded circuits N/A
- ☐ Electrical panel obstructed
- ☐ Electrical panel / boxes open
- ☐ Coverplate missing
- ☐ Temporary wiring / extension cords
- ☐ Open junction box
- ☐ AC / heating equipment not maintained

COOKING EQUIPMENT

- ☐ Accumulation of grease in cooking equipment or duct N/A
 - ☐ Hood & duct system not in accordance with NFPA 96
 - ☐ Extinguisher system not in accordance with NFPA 17
 - ☐ Other cooking equipment deficiency
- Date last inspected: _____

Deficiencies noted below may cause a fire, contribute to the spread or cause undue injury to building occupants. Deficiencies must be corrected FORTHWITH. For additional information or assistance, please call: (352) 527-5407.

BUILDING PERMITS ARE REQUIRED FOR ALL RENOVATION / REPAIRS.

REQUIREMENTS / COMMENTS:

No deficiencies noted at this time

Inspection Date/Time: 4/23/2010 10:00 Compliance Date: _____
 Inspector: 144559 Gillum Occupant Signature: [Signature]



Florida Department of Environmental Protection

Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

Charlie Crist
Governor

Jeff Kottkamp
F. Commissioner

Michael W. Sole
Secretary

Transmitted electronically only:
Susan.Metcalf@bocc.citrus.fl.us

Ms. Susan Metcalfe, P.G., Director
Citrus County Solid Waste Division
P.O. Box 340
Lecanto, FL 34460-0340

August 11, 2009

RE: Citrus County Central Class I Landfill
Financial Assurance Cost Estimates
Permit No.: 21375-08-SO/01, Citrus County
WACS No.: SWD/09/39859

Dear Ms. Metcalfe:

This letter is to acknowledge receipt of the inflation-adjusted cost estimates dated August 5, 2009 (received August 10, 2009), prepared by Citrus County for closure and long-term care of the Citrus County Landfill (Phases 1, 1A, 2, & 3 and the old 60 acre landfill). The revised cost estimates received on August 10, 2009 (total for closing \$5,613,182.00 and long-term care \$171,077.00/year x 30 years= \$5,132,310.00), are APPROVED for 2009. The approved estimates are for closing 31.2 acres (Phases 1, 1A, 2, & 3) and long-term care of 91.2 acres. The next annual update (revised or inflation-adjusted estimates) is due no later than September 1, 2010.

A copy of these estimates will be forwarded to Mr. Fred Wick, Solid Waste Section, FDEP, 2600 Blair Stone Road, Tallahassee, Florida 32399-2407. Please work with him directly to assess the facility's compliance with the funding mechanism requirements of Rule 62-701.630, F.A.C. If you have any questions, you may contact me at (813) 632-7600 ext. 374.

Sincerely,

Melissa Madden
Solid Waste Section
Southwest District

mam

cc: Carmen Bruno, Citrus County, carmen.bruno@bocc.citrus.fl.us
Claire Smith, Citrus County, claire.smith@bocc.citrus.fl.us
Patty Jefferson, Citrus County, patty.jefferson@bocc.citrus.fl.us
Fred Wick/Frank Hornbrook, FDEP, Tallahassee (e-mail)
Steve Morgan, FDEP Tampa (e-mail)
Susan Pelz, P.E., FDEP Tampa (e-mail)



Florida Department of Environmental Protection
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, FL 32399-2400

DEP Form # 62-701 (9-01/28)
Form Title: Financial Assurance Cost Estimate Form
Effective Date: 05/27/01
DEP Application No. _____
(filled by DEP)

FINANCIAL ASSURANCE COST ESTIMATE FORM

Dept. of Environmental Protection

AUG 10 2009

Date: 8/5/09

Date of DEP Approval: _____
Southwest District

I. GENERAL INFORMATION:

Citrus
Facility Name: County Central Class I Landfill WACS or GMSID #: SWD/09/39859
Permit / Application No.: 21375-08-90-01 Expiration Date: 9/30/2010
Facility Address: 230 W. Gulf-to-Lake Highway, Lecanto, FL 34461
Permittee: Citrus County Board of County Commissioners
Mailing Address: P.O. Box 340, Lecanto, FL 34460-0340

Latitude: 28°51'07" Longitude: 82°26'12" or UTM: _____

Solid Waste Disposal Units Included in Estimate:

Phase / Cell	Acres	Date Unit Began Accepting Waste	Design Life of Unit From Date of Initial Receipt of Waste
3	6.65	N/A	
2	6.0	Mid 2005	10
1/1A	19.1	1991	14
Old LF	60.0	1975	Closed

Total Landfill Acreage included in this estimate. 31.2 Closure 91.2 Long-Term Care

Type of facility: X Class I _____ Class III _____ C&D Debris Disposal _____ Other

II. TYPE OF FINANCIAL ASSURANCE DOCUMENT (Check Type)

____ Letter of Credit* _____ Insurance Certificate
____ Surety Bond* X _____ Escrow Account
____ Trust Fund Agreement _____ Financial Test

*Indicates mechanisms that require use of a Standby Trust Fund Agreement

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

Northeast District
7825 Baymeadows Way, Ste B200
Jacksonville, FL 32256-7590
904-448-4300

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

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

South District
2295 Victoria Ave., Ste 364
Fort Myers, FL 33901-3881
941-332-6975

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

AUG 10 2009

III. ESTIMATE ADJUSTMENT

40 CFR Part 264 Subpart H as adopted by reference in Rule 62-701.630, Florida Administrative Code sets forth the method for annual cost estimate adjustment. Cost estimates may be adjusted by using an inflation factor or by recalculating the maximum costs of closure in current dollars. Select one of the methods of cost estimate adjustment below.

☐ (a) Inflation Factor Adjustment

Inflation adjustment using an inflation factor may only be made when a Department approved closure cost estimate exists and no changes have occurred in the facility operation which would necessitate modification to the closure plan. The inflation factor is derived from the most recent Implicit Price Deflator for Gross National Product published by the U.S. Department of Commerce in its survey of Current Business. The inflation factor is the result of dividing the latest published annual Deflator by the Deflator for the previous year. The inflation factor may also be obtained from the Solid Waste Financial Coordinator at (850)-245-8732.

This adjustment is based on the Department approved closure cost estimate dated: 4/1/09

Latest Department Approved Closure Cost Estimate:		Current Year Inflation Factor		Inflation Adjusted Closure Cost Estimate:
\$ 5,503,120	x	1.02	=	\$ 5,613,182

This adjustment is based on the Department approved long-term care cost estimate dated: 4/1/09

Latest Department Approved Annual Long-Term Care Cost Estimate:		Current Year Inflation Factor		Inflation Adjusted Annual Long-Term Care Cost Estimate:
\$ 164,723	x	1.02	=	\$ 171,077

Number of Years of Long Term Care Remaining: 30

Inflation Adjusted Long-Term Care Cost Estimate: \$ 5,132,310

☐ (b) Recalculate Estimates (see section V)

IV. CERTIFICATION BY ENGINEER

This is to certify that the Financial Assurance Cost Estimates pertaining to the engineering features of the this solid waste management facility have been examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgement, the Cost Estimates are a true, correct and complete representation of the financial liabilities for closing and long-term care of the facility and comply with the requirements of Florida Administrative Code (F.A.C.), Rule 62-701.630 and all other Department of Environmental Protection rules, and statutes of the State of Florida. It is understood that the Financial Assurance Cost Estimates shall be submitted to the Department annually, revised or adjusted as required by Rule 62-701.630(4), F.A.C.

Signature of Engineer

Name & Title (please type)

Florida Registration Number (affix seal)

Mailing Address

Telephone Number

Signature of Owner/Operator

Susan J. Metcalfe, Director
Name & Title (please type)

352-527-7671
Telephone Number

Susan.Metcalfe@bocc.citrus.fl.us
Owner/Operator E-Mail Address

Engineer E-Mail Address

**WHEELABRATOR RIDGE ENERGY INC.**

3131 K-Ville Avenue
Auburndale, FL 33823
(863) 665-2255
(863) 665-0400 Fax

June 24, 2010

Mr. Owen Carney
Recycling Coordinator
Citrus County Solid Waste Management Division
P.O. Box 340
Lecanto, FL 34460


Dear Owen:

Per your request, Wheelabrator is pleased to provide the following proposal for waste tire disposal in the event of site closure at your facility.

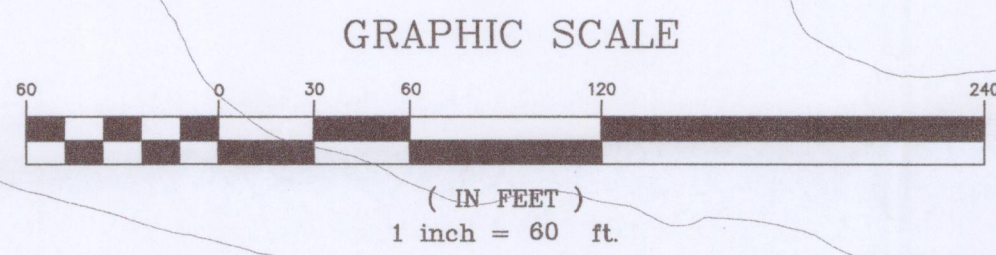
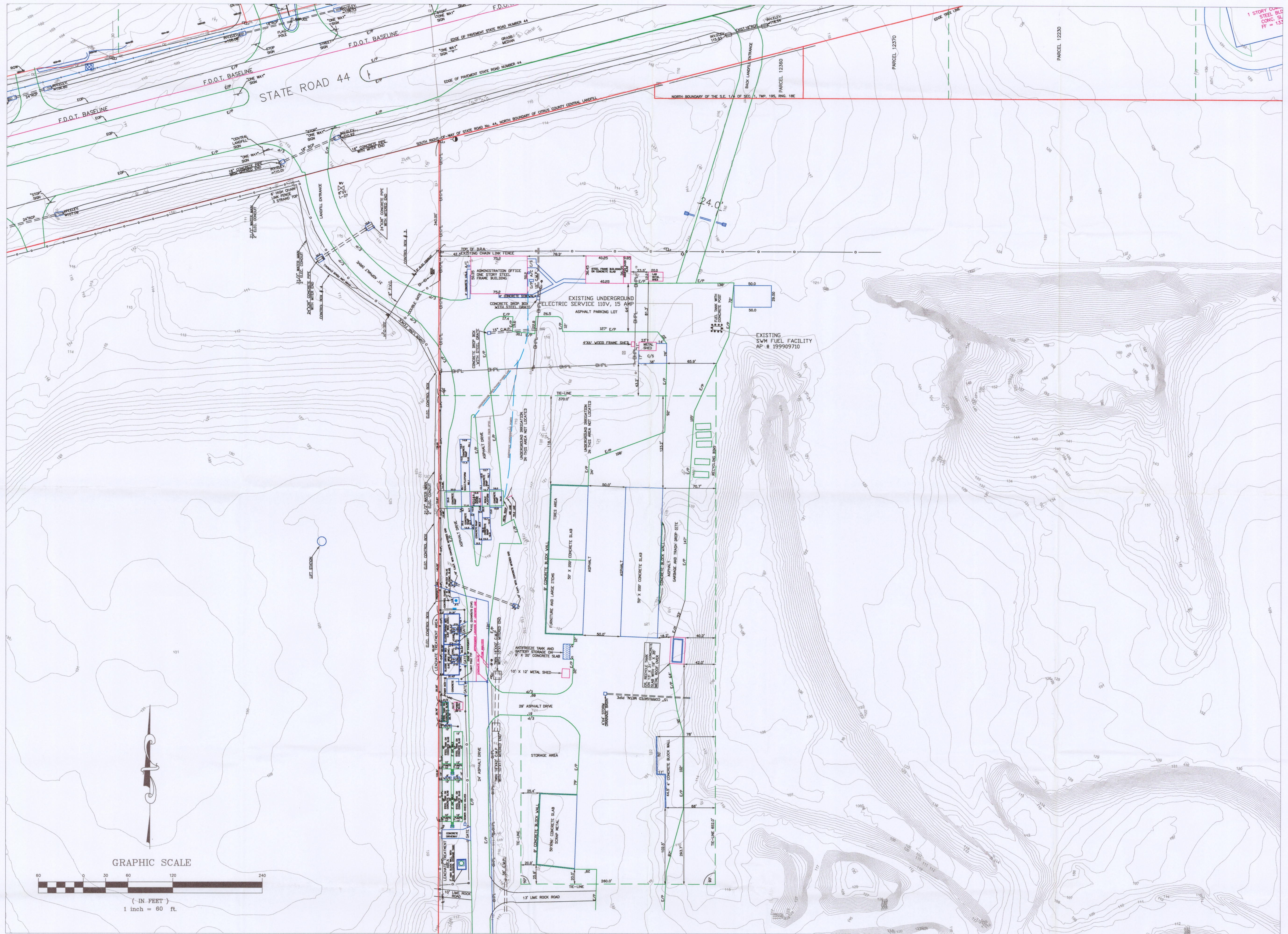
Up to 115 tons of whole tires will be accepted for a disposal fee of \$100.00 per ton. This price includes the cost of loading, transporting, processing, and disposing of the tires at the Citrus County Landfill.

If you need any additional information, please let me know.

Sincerely,


Rodney Williams
Plant Manager

From everyday collection to environmental protection, Think Green® Think Waste Management.



- LEGEND
- WATER METER
 - WELL
 - GUY WIRE
 - POWER POLE
 - TELEPHONE PEDESTAL
 - WATER VALVE
 - FIRE HYDRANT
 - GAS
 - BURIED GAS LINE
 - OVERHEAD ELECTRIC
 - OVERHEAD GUY WIRE
 - ROW
 - EOP
 - BURIED CABLE MARKER

NOTES:
ELEVATIONS NAVD 88

P.M.S. NO.: 09-034	NO.	DATE	REVISION	APP'D. BY	NO.	DATE	REVISION	APP'D. BY
F.B. NO.: 8F								
PGS.: 52-63								
DESIGN: SO								
CHECKED:								
DATE: 3/09								

CITRUS COUNTY
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING

3600 SOVEREIGN PATH
SUITE 241
LEICANTO, FLORIDA 34461
(352) 527-5446

SOLID WASTE SITE PLAN

SITE PLAN FOR TIRE PERMIT

JEFFREY W. ROGERS, P.E.
CITRUS COUNTY ENGINEER
FLORIDA P.E. LIC. NO. 66410

SCALE: 1" = 60'
DATE: 6/2010
PLAN SET:
FILE NAME:
SEC: 01 TWP. 18 RGE. 19
SHT 1 OF 1