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Orlando, Florida 32810-6101
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May 1, 2014

Serge Kiyali, E.I.
Environmental Services Section
Southwest District
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

RE: Lena Road Landfill Waste Tire Processing Facility
Pending Permit No.: 126654-004-WT/ 02, Manatee County
WACS Facility No. 44795

Dear Mr. Kiyali:

This letter is in response to your Request for Information #1 dated April 10, 2014 regarding the above reference permit application. Your requests are typed in *Italic* followed by our response in normal type. The revisions to the narrative are strikethrough (~~strikethrough~~) and the additions are underlined (underlined). The revision date is included in all revised pages. One (1) electronic copy of the entire application package that incorporates the supplemental and replacement information is also provided.

1. ***Rule 62-701.320(8), F.A.C.:** Please publish the attached Notice of Application and provide proof of publication to the Department.*

Response:

The Notice of application was published in the legal advertisements section of the Bradenton Herald, a newspaper of general circulation in the county and a publication affidavit is included as an attachment to this letter and provided as supplemental information.

SECTION 2 - FACILITY OPERATIONS AND CLOSURE PLAN (Rule 62-711, F.A.C.):

2. ***Closure Cost Estimate (Rule 62-711.500(3), F.A.C.):** Please provide a copy of the estimate from Wheelabrator Ridge Energy Inc. that was used to calculate the closure cost.*

Response:

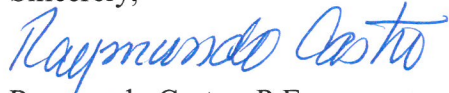
Attached is a copy of the contract document between Manatee County and Wheelabrator Ridge Energy with the pricing for waste tire removal of \$86.00 per ton in accordance with the terms and conditions of IFB#10-2710JS and per bid submitted on September 16, 2010. This is provided as supplemental information.

SECTION 3 – EMERGENCY PREPAREDNESS MANUEL (Rule 62-711.540, F.A.C.):

3. ***Emergency Response Contact List:*** *Please note that the FDEP contact number has been changed. The new number is now 813-470-5700. Please make appropriate changes and submit a revised page 2 of the Emergency Response*

Response: FDEP contact number was changed to 813-470-5700 in page 2 of the “Emergency Preparedness Manual” contact list and included as replacement information.

Sincerely,



Raymundo Castro, P.E.
Project Engineer

CC: C. Mike Gore, Manatee County, Director, Utilities Department
David Pickup, Manatee County, Manager, Special Waste
Jeanne Detweiler, Manatee County, Superintendent, Solid Waste Enforcement

**MANATEE COUNTY
LENA ROAD LANDFILL
3333 Lena Road
Bradenton, FL 34211**

**APPLICATION FOR PERMIT RENEWAL
LENA ROAD WASTE TIRE PROCESSING FACILITY**

March 3, 2014
RAI #1 - May 19, 2014



**Prepared for:
Manatee County Government
Utilities Department
Solid Waste Operations
4410 66th Street West
Bradenton, FL 34210**

**Prepared by:
Atkins
482 South Keller Road
Orlando, Florida 32810**

**APPLICATION FOR RENEWAL OF
OPERATION PERMIT
FOR
MANATEE COUNTY LENA ROAD LANDFILL
WASTE TIRE PROCESSING FACILITY
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SECTION 5 DRAWINGS

Overall Site Plan – Waste Tire Facility (with aerial photograph)

SECTION 6 PHOTOGRAPHS



Atkins North America, Inc.
482 South Keller Road
Orlando, Florida 32810-6101

Telephone: +1.407.647.7275

www.atkinsglobal.com/northamerica

March 3, 2014


Steve G. Morgan
Waste Permitting
Florida Department of Environmental Protection
Southwest District
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

**Re: Lena Road Landfill, Manatee County
WAC Facility ID No.: SWD-41-44795
Permit No.: 126654-002-WT
Application for Renewal of
Waste Tire Processing Facility**

Dear Mr. Morgan:

On behalf of Manatee County, Atkins is submitting four copies of the application for renewal of the Operation Permit for the Lena Road Landfill Waste Tire Processing Facility. Also enclosed is a check for the application fee of \$1,250.

If you have any questions, please call me at 407-806-4156, or e-mail me at Raymundo.castro@atkinsglobal.com.

Sincerely,

Raymundo G. Castro, P.E.
Project Engineer

Cc: David Pickup, Manatee County Solid Waste w/2 copies
Jeanne Detweiler, Solid Waste enforcement Superintendent

SECTION 1

PERMIT APPLICATION

WITH

LIST OF ATTACHMENTS



Florida 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
Incorporated in Rule 62-711.530(6)

Waste Tire Processing Facility Permit Application

Permit No. 126554-002-WT

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

Part I-General Information:

A. Applicant Information:

1. Applicant Name: Manatee County Government / Utilities Department / Solid Waste Operations
2. Applicant Street Address: 4410 66th Street West
3. City: Bradenton County: Manatee Zip: 34210
4. Applicant Mailing Address: 4410 66th Street West
5. City: Bradenton County: Manatee Zip: 34210
6. Contact person: C. Mike Gore Phone: (941)792-8811 FEID No: SWD-41-44795
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: Lena Road Landfill Waste Tire Processing Facility
2. Facility Street Address (Main Entrance): 3333 Lena Road
3. City: Bradenton County: Manatee Zip: 34211
4. Facility Mailing Address: 3333 Lena Road
5. City: Bradenton State: Florida Zip: 34211
6. Contact Person: David Pickup Phone: (941)748-5543 x 8049
7. Facility Location Coordinates:
Section: 1 Township: 35 South Range: 18 East
Latitude: 27°28' 28.5" Longitude: 82°27' 2.5"
8. Anticipated date for starting construction N/A and for completion of construction N/A
9. Anticipated date for receipt of tires N/A and for start of processing N/A

**Mail completed form to
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: Applicant is land owner.
2. Land owner's mailing address: _____
3. City: _____ State: _____ Zip: _____
4. Authorized Agent: _____ Agent's phone () _____
5. Current lease expires: _____

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

1. Operator's name: Applicant is facility operator
2. Operator's mailing address: _____
3. City: _____ State: _____ Zip: _____
4. Contact person: _____ Phone: () _____

E. Preparer of Application:

1. Name of person preparing application: Raymundo Castro P.E.
2. Mailing address: 482 South Keller Road
3. City: Orlando State: Florida Zip: 32810
4. Phone: (407)806-4156
5. Affiliation with facility: Consulting Engineer

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.
- ☐ Waste tire processing facility with on-site consumption of waste tires or processing residuals.
- ☒ 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 Collection, Storage and Transfer Only

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>320</u> | <u>10,000</u> | _____ | _____ | <u>320</u> |
| Processed tires: | _____ | _____ | _____ | _____ | _____ |
| Processing residuals: | _____ | _____ | _____ | _____ | _____ |
| TOTALS: | <u>320</u> | <u>10,000</u> | _____ | _____ | <u>320</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 permitted solid waste management facility where processed tires or residuals will be disposed.
1. Name of facility Wheelabrator Ridge Energy, Inc., Jerry Klepaczyk, Ph. # 863-665-2255
2. Street address: 3131 K-Ville Avenue
3. City: Auburndale, Florida 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.
- Manatee County contracts with Wheelabrator Ridge Energy to remove the tires. Wheelabrator takes the tires to their facility located at 3131 K-Ville Ave., Auburndale, Florida where the tires are processed. Wheelabrator Ridge Energy disposes of the tire at a cement Kiln.

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 or disposed of 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 Manatee County Government
Is aware that statements made in this form and attached information are an application for a
Waste Tire Processing Fac. 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.



Signature of Applicant or Authorized Agent

C. Mike Gore, Director Utils. Dept.
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.



Signature

Raymundo Castro P.E.

Name and Title

482 South Keller Road

Mailing Address

Orlando, Florida 32810

City, State, Zip

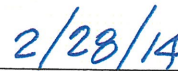
60036

Florida Registration Number

407-806-4156

Telephone number

(please affix seal)



Date

Manatee County Lena Road Landfill Facility**Waste Tire Processing Facility****RENEWAL OF OPERATION PERMIT****ADDITIONAL INFORMATION REQUESTED BY
APPLICATION ON PAGE 3 OF 4
WITH APPROPRIATE RESPONSES**

The following reports or documents are attached as required:

PART III – Attachments:

A. Facility Design

- 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.*

Response: This application is for renewal of the operation permit and not for design and construction of a new facility. There is no change in the facility design from the design submitted in the application dated September 30, 2003. An aerial photograph dated August 17, 2003 showing the facility and surrounding area up to one mile was included with that application with the drawings in Section 6. The land use was shown on Figure 1C, and the zoning was shown on Figure 1D of the January 30, 1998 permit application. There has been no change in the land use or zoning since that application was approved.

- 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, and waste tire processing residuals;*

Response: The Waste Tire Processing Facility is located on the property of the Lena Road Landfill Facility. The overall site plan in Section 5 shows the location. The Waste Tire Processing Facility was shown on Drawings 1 of 2 and 2 of 2, which were included with the drawings in Section 6 of the application submitted dated September 30, 2003.

- b. *All wetlands and water bodies within the facility or within 200 feet of any storage area;*

Response: The Waste Tire Processing Facility is not within 200-feet of any wetlands or water bodies. The distance to water bodies and wetlands are shown on Drawing 1 of 2 "Waste Tire Facility – Proposed Relocation for the Tire Pile" dated 9/30/03.

- c. *Storm water control measures, including ditches, dikes, and other structures;*

Response: This information is shown on the drawings in Section 5 of the permit application submitted July 21, 2008.

- 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;*

Response: This information was shown on Drawing 3 – Property Boundary, which was included in the January 30, 1998 Waste Tire Processing **Permit Application**.

- e. *Location, size, and depth of all wells within the facility or within 200 feet of any storage area;*

Response: There are no wells within 200 feet of the Waste Tire Processing Facility.

- f. *All structures and buildings that are, or will be, constructed at the facility; include those used in storage and processing operations;*

Response: The Waste Tire Processing Facility has no buildings. The Waste Tire Processing Facility is shown on Drawings 1 of 2 and 2 of 2 dated September 30, 2003. The tires will be stockpiled on top of a concrete slab. The facility is described in further detail in Section 2.

- g. *All areas used for loading and unloading;*

Response: The Waste Tire Processing Facility is shown on the drawings in Section 5.

- h. *All access roads and internal roads, including fire lanes;*

Response: This information is shown on the drawings in Section 5.

- i. *Location of all fences, gates, and other access control measures; and*

Response: The Waste Tire Processing Facility is located within the Lena Road Landfill Facility. The landfill property is fenced.

- j. *Location of all disposal areas within the facility.*

Response: This information is shown on the overall site plan included in Section 5 of this application.

B. Facility Operation

1. *A description of the facility's operation, process, and products including how waste tires will be received and stored.*

Response: This information is included in Section 2 of this permit renewal application.

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.*

Response: No tire processing is performed or proposed at this Waste Tire Processing Facility.

3. *A description of the waste from the process, the amount of waste expected and how and where this waste will be disposed of.*

Response: No tire processing is performed at this Waste Tire Processing Facility. No processing is proposed. The Waste Tire Processing Facility is only for the collection, storage and transfer of tires. Since there is no processing, there is no waste from a processing operation for disposal.

4. *Statement of the maximum daily throughput and the planned daily and throughput and the planned daily and annual throughput.*

Response: No tire processing is performed at this Waste Tire Processing Facility.

5. *A description of how the operator will maintain compliance with each of the storage requirements of Rule 62-711.540, F.A.C.*

Response: This information is included in Section 2 of this permit renewal application.

6. *A copy of the emergency preparedness manual for the facility with a statement of the on site and off site locations where the manual will be maintained.*

Response: See Section 3 of this permit renewal application.

7. *A copy of the fire safety survey.*

Response: See Section 4 of this permit renewal application.

8. *A description of how 75% of the annual accumulation of waste tires will be removed for disposal or recycling.*

Response: See Section 2 of this permit renewal application. Manatee County has a contract for continuous tire removal. Tires are removed on a first in first out basis. At a minimum, 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.*

Response: See Section 2 of this permit renewal application.

- 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.*

Response: The Waste Tire Facility financial assurance for closure is included with the financial assurance for the landfill. The closure cost estimate for the Waste Tire Facility was recalculated and is included in Section 2 of this permit application.

- E. *A letter from the landowner (if different from applicant) authorizing use of the land as a waste tire processing facility.*

Response: The applicant is also the landowner.

- 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.*

Response: No waste tires will be consumed at this Waste Tire Processing Facility.

G. *The permit fee as required in Rule 62-4, F.A.C.*

Response: The \$1,250 permit application fee is included with this application.

End of Part III Attachments

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SECTION 2

FACILITY OPERATIONS

AND

CLOSURE PLAN AND COST ESTIMATE

SECTION 2

MANATEE COUNTY LENA ROAD LANDFILL

WASTE TIRE PROCESSING FACILITY

OPERATIONS PLAN, CLOSURE AND CLOSURE COST ESTIMATE

2.0 Introduction

The Lena Road Waste Tire Processing Facility is operated to meet the operation requirements found in Rule 62-711.530 F.A.C. The Lena Road Waste Tire Processing Facility is located at the Lena Road Landfill Facility. Manatee County receives approximately 2,100 tons of waste tires at the Lena Road Waste Tire Processing Facility each year. These waste tires are brought to the site by the public, waste tire collectors, commercial entities, removed by Manatee County landfill spotters from solid waste deposited at the active landfill working face, or collected from illegal dumpsites. The tires are weighed and placed in a waste tire pile at the Waste Tire Processing Facility. Any unauthorized materials erroneously brought to the Lena Road Waste Tire Processing Facility are rejected, and directed to the appropriate area for proper solid waste management. Manatee County has contracted with a contractor to regularly remove the waste tires from the Waste Tire Processing Facility as needed. There is no processing of waste tires at the Manatee County Waste Tire Processing Facility.

2.1 Waste Tire Processing Facility

The facility location is shown on the overall site plan drawing in Section 5. The facility has a concrete pad that is 85-feet by 221-feet. Four foot high concrete side walls were constructed on the east and west side of the slab to contain the tires in two separate piles. Each pile has dimensions of 50' x 85'. The maximum height of the tire pile is 15', and the side slopes will be no steeper than 1 horizontal to 1 vertical above the concrete wall. Based on an average weight of 20 pounds per tire and 10 tires per cubic feet, it is estimated that each 50' by 85' tire pile will contain approximately 16,000 tires or 160 tons per pile. The total capacity is estimated at 320 tons.

The Waste Tire Processing Facility is located within the perimeter road. Storm water run-off drains to three (3) culverts beneath the perimeter road. Normally the culverts are open. In case of a waste tire pile fire, the three (3) stop gate valves on the culverts will be closed, and the road will act as a berm around the waste tire pile. Run-off from the fire will be trapped in the area between the tire pile and the perimeter road berm, and will be prevented from entering the storm water system. This berm gives the facility adequate protection to keep liquid runoff from a waste tire pile fire from entering water bodies.

2.2 Weighing of Waste Tires

All waste tires delivered to the Waste Tire Processing Facility are weighed at the scale upon entering the landfill. When the delivery vehicle enters the scale area, pertinent information about the delivery vehicle, including the date, type of vehicle, weight of material to be disposed of, daily transaction number and any other information pertaining to account name or status is recorded. The driver is directed to take the waste tires to the Waste Tire Processing Facility, which is marked by proper signs. The person delivering the tires is instructed to unload the tires, and to stack them inside the Waste Tire Processing Facility, and remove any other waste combined in the load. Other waste is taken to the landfill working face for disposal. Landfill personnel inspect the Waste Tire Processing Facility several times each day restacking or straightening the tires as needed.

2.3 Waste Tire Removal

Manatee County contracts with a private contractor who regularly removes the waste tires from the Waste Tire Processing Facility as needed. This may vary from weekly to monthly depending on the number of tires received. The contractor information is included in the permit application under Part II, Items E and F. At a minimum, per the regulations, at least 75% of the waste tires delivered or stored on site at the beginning of each calendar year are removed. In no case will this removal be less than once a year. The tires are removed for recycling, processing, or disposal. No waste tires are removed for recapping.

2.4 Record Keeping

The County records and makes available for inspection by Department personnel during business hours and maintains for three years, the following:

1. Each waste tire collector's name and registration number, destination and quantities of waste tires that each of the waste tire collectors accepts for removal and transport from the Lena Road Waste Tire Processing Facility to another Waste Tire Processing Facility for processing, recycling or disposal.
2. Each waste tire collector's name and registration number, and the quantities of waste tires that each waste tire collector collects and delivers to the Lena Road Waste Tire Processing Facility for storage and transfer for disposal.
3. Each name, address, telephone number and quantities of waste tires delivered by anyone who is not a waste tire collector and who delivers more than five tires to the Lena Road Waste Tire Processing Facility at any one time.

2.5 Quarterly Reports

The County submits quarterly reports to the Department that summarize the information collected. These reports are and shall be submitted by the 20th of the month following the close of each calendar quarter. The report are submitted to the Department on Form 62-701.900(21) Waste Tire Processing Facility Quarterly Report. The most recent form is

dated 1/06/2010. If FDEP should update the form, then the most recent form will be used. The following information shall be included on the form:

1. The facility name, address and permit number;
2. The quarter covered by the report;
3. The total quantity, by category, of waste tires received at the facility during the quarter covered by the report;
4. The total quantity, by category, of waste tires shipped from the facility during the quarter covered by the report;
5. The total quantity, by category, of waste tires located at the facility on the last day of the quarter, and
6. A list of all dates on which one or more category of waste tires exceeded the storage limit, which category was in excess, and how this condition was relieved or will be relieved.

2.6 Waste Tire Storage

Manatee County will store waste tires in compliance with the technical and operational standards found in Rule 62-711.540 F.A.C., which are applicable to this particular operation.

1. A sign is posted at the entrance of the site stating operating hours, cost of disposal and site rules.
2. No operations involving the use of open flames will be conducted within 25 feet of a waste tire pile.
3. An attendant will be present at all times when the site is open for receipt of waste tires from the public.
4. Mosquitoes are controlled by preventing and removing standing water, removing tires on a first in – first out basis and spraying the pile with insecticides if necessary.
5. Rodents are controlled by monitoring the pile daily for rodent signs, removing immediately any waste food accidentally disposed of in the tire pile, removing the tires on a first in – first out basis, and if necessary an exterminator called to eliminate the rodents.
6. Once a year all tires are removed and the concrete pad is washed down.

2.7 Fire Protection and Annual Survey

Fire protection services for the site have been assured through notification to local fire protection authorities. A fire safety survey is conducted at least annually, and the survey report is made part of the next quarterly report. The latest survey is included with this application in Section 4.

2.8 Emergency Preparedness Manual

A copy of the emergency preparedness manual is maintained at the site, and at an off-site location designated by the operator. The manual is updated at least once a year, and upon changes in operations at the site. The latest manual is included in Section 3. The manual contains the following elements:

1. A list of names and numbers of persons to be contacted in the event of a fire or other emergency
2. A list of the emergency response equipment at the site, its location, and how it should be used in the event of a fire or other emergency, and
3. A description of the procedures to be followed in the event of a fire, including procedures to contain and dispose of the oily material generated by the combustion of large numbers of waste tires.
4. Records of the quantity of waste tires received at the site, stored at the site, and shipped from the site will be maintained.
5. Communication equipment is maintained at the waste tire facility to assure that the site operator can contact the local fire protection in case of a fire.
6. An approach and access road to the Waste Tire Processing Facility will be kept passable for any motor vehicle at all times. Ready access will be maintained to allow emergency equipment to get to the tire storage area at any time.
7. The site is located on the landfill property and is accessible only during landfill business hours.
8. The Waste Tire Processing Facility is located on a concrete slab within a perimeter road. Storm water run-off drains to a culvert beneath the perimeter road. Normally the culvert is open. In case of a fire, the stop gate valve on the culvert will be closed, and the road will act as a berm around the waste tire pile. Run-off from the fire will be trapped in the area between the tire pile and the road, and will be prevented from entering the storm water system. This will give the new facility adequate protection to keep liquid runoff from a waste tire fire from entering water bodies.
9. The area around the stored tires will be kept free of grass, underbrush, and other potentially flammable vegetation at all times.
10. The operator on duty will immediately notify the Department in the event of a fire or other emergency that poses an unanticipated threat to the public health or the environment. Within two weeks of any emergency, a written report on the emergency will be submitted to the Department. The report will describe the origins of the emergency, the actions that were taken to deal with the emergency,

the results of the actions that were taken, and an analysis of the success or failure of the actions.

2.9 Processing of Waste Tires

Since no waste tires are processed on-site, no description of processing equipment, rate of throughput, or description of residuals disposal is necessary. No residuals from waste tire processing will be kept on-site since there is no processing on-site.

2.10 Closure and Closure Cost Estimate for the Waste Tire Facility

The facility will be closed by removing all waste tires from the storage area. Financial Assurance for this closure is included in the Financial Assurance for Lena Road Landfill. The closure cost estimate for the Waste Tire Processing Facility is recalculated below. It was assumed that the waste tire pile would be at the maximum permitted capacity of 320 tons and Wheelabrator Ridge Energy Inc., the current contractor for Manatee County, would haul and dispose of the tires at the current bid price of \$86.00 per ton.

CLOSURE COST ESTIMATE FOR WASTE TIRE FACILITY

| Description | Amount | Unit Cost | Total Cost |
|--|----------|-------------|-----------------|
| Haul and disposal of tires from the maximum size permitted stockpile of 364 tons | 320 tons | \$86.00/ton | \$27,520 |
| Loading tires into truck | 320 tons | \$10/ton | \$3,200 |
| Profit and overhead @ 10% +/- | 1 | | \$3,600 |
| TOTAL CLOSURE COST ESTIMATE | | | \$34,320 |

Since all tires will be removed from the area upon closure, no long-term care is anticipated. Since there is no processing, there is no need at closure for a contamination assessment.

Upon closure of the Lena Road Waste Tire Processing Facility, Manatee County will stop public access to the tire facility. They will also post a notice informing the public the site is closed, and provide the number of the Manatee County Utilities Department. The County will remove all waste tires from the Lena Road Waste Tire Processing Facility.

At the Waste Tire Processing Facility, the tires will be kept on a concrete slab. After all the tires are removed, the slab will be swept clean and the debris placed in the Class I Lena Road Landfill. Since there is no processing and the tires are kept on a concrete slab, there should be no need for a contamination assessment of the Waste Tire Processing Facility at closure.

Manatee County will notify FDEP when the Waste Tire Processing Facility closure is complete.

SECTION 3

EMERGENCY

PREPAREDNESS

MANUAL

Manatee County - Lena Road Landfill Facility

WASTE TIRE PROCESSING FACILITY

EMERGENCY PREPAREDNESS MANUAL

March 3, 2014

In the event of a fire, the following action should be taken:

1. Evacuate all people from the immediate area, and secure the area to minimize or prevent personal injury.
2. Immediately notify the Fire Department by dialing 911, and then notify the Solid Waste Operations Manager, Landfill Superintendent and other personnel. Their names and emergency and after hour contact numbers are given on page 2.
3. At the Waste Tire Processing Facility, close the stop-gate valve on the storm water culvert under the road, and located approximately 115-feet northwest of the waste tire pile. This valve needs to be closed to prevent runoff from entering the wetlands to the northwest.
4. Establish a command post away from the area to coordinate fire control and environmental protection efforts.
5. Use available fire extinguishers, soil, and water to control the fire as much as possible until the fire department can respond. Emergency response equipment located on-site is listed on page 3.
6. Once the fire is out, residual clean-up should be completed within seven days. Liquid residue and runoff waste from the fire fighting efforts shall be put in barrels or portable tanks and stored in the household hazardous waster storage facility. After testing to determine it the waste is hazardous or not, the waste shall be transported for disposal by a licensed waste management company specialized in this type of cleanup and disposal.
7. Within 24 hours of the incident, call the Florida Department of Environmental Protection – Solid Waste Section in Temple Terrace at 813/632-7600.

**Manatee County Lena Road Landfill Facility
WASTE TIRE PROCESSING FACILITY
EMERGENCY PREPAREDNESS MANUAL
EMERGENCY AND AFTER HOURS CONTACTS**

Notify the Following Persons or Agencies in the Event of Fire or Other Emergency

| Person/Agency | Telephone Number |
|--|---|
| Fire Department | 911 |
| Chief Bryon Teates Braden River Fire Department | 941-751-5611 |
| Ambulance | 911 |
| Sheriff | 911 |
| C. Mike Gore, Director, Utilities Department | Cell phone: 941-405-9794 Office: 941-792-8811 x 5323 |
| David L. Pickup, Manager, Special Waste | Cell phone: 941-962-7087 Office: 941-748-5543 x 8049 |
| Jeanne Detweiler, Superintendent, Solid Waste Enforcement. | Cell phone: 941-812-4301 Office: 941-748-5543 x 8013 |
| Bryan White, Landfill Superintendent | Cell phone: 941-812-2455 Office: 941-748-5543 x 8008 |
| Anthony Detweiler, Landfill Operations Supervisor | Cell: 941-812-8796 Office: 941-748-5543 x 8016 |
| Gus A. DiFonzo, Deputy Director, Utilities Department | Cell: 941-313-0124 Office: 941-792-8811 x 5473 |
| Department of Environmental Protection | Phone: 813-632-7600 <u>813-470-5700</u> |

Manatee County Lena Road Landfill Facility

**WASTE TIRE PROCESSING FACILITY
EMERGENCY PREPAREDNESS MANUAL
EMERGENCY RESPONSE EQUIPMENT LOCATED ON-SITE**

| Equipment | Location | Use |
|-------------------------|---|---|
| Fire Extinguishers | Main office building, operations building, maintenance garage, scalehouse, fuel storage area, household hazardous waste building, all vehicles, all equipment | All types of fires |
| Water Wagon | On-site | Fight fire, protect nearby property |
| Portable Pumps and Hose | On-site at maintenance garage or at various locations of use | Pump water from stormwater ponds to fill water wagon or to fight fire directly |
| Front End Loader | On-site | Place soil on fire |
| Scraper | On-site | Haul soil to area of fire |
| Soil Stockpile | On-site cover soil stockpile located on landfill property | Smother fire |
| First Aid Kits | Main office building, operations building, maintenance garage, scalehouse, household hazardous waste building, and all vehicles. | Minor cuts, abrasions, and burns, emergency first aid while awaiting paramedics |
| Portable Two Way Radios | Locations Vary | Emergency communication between County Departments and personnel in the field |
| Telephones | Main office building, operations building, maintenance garage, scalehouse, household hazardous waste building and cell phones. | Emergency communications |

SECTION 4

FIRE SAFETY SURVEY



East Manatee Fire Rescue

3200 Lakewood Ranch Blvd

Bradenton, FL 34211

Office: 941-751-5611

Fax: 941-751-5910

E-mail: admin@emfr.org



Print Date: 12/18/2013

INSPECTION SUMMARY REPORT

Page 1 of 1

| | | |
|---|--|--------------------|
| Name: MANATEE COUNTY LANDFILL -TIRES 3333 LENA RD, BRADENTON | | |
| Date: 8/22/2013 | | Contact: ANTHONY D |
| Inspector Name: | INSP TROY TOMAN | Date notice sent: |
| Type of Inspection: | Regular- annual | |
| Property Notes: | | |
| Fire Code Reference | Discrepancy / Remarks | Date Resolved |
| 000a | Representative name Anthony & Richard | |
| 00a | No Discrepancies noted - THANK YOU. Nothing found | |

Inspector Signature

Site Signature

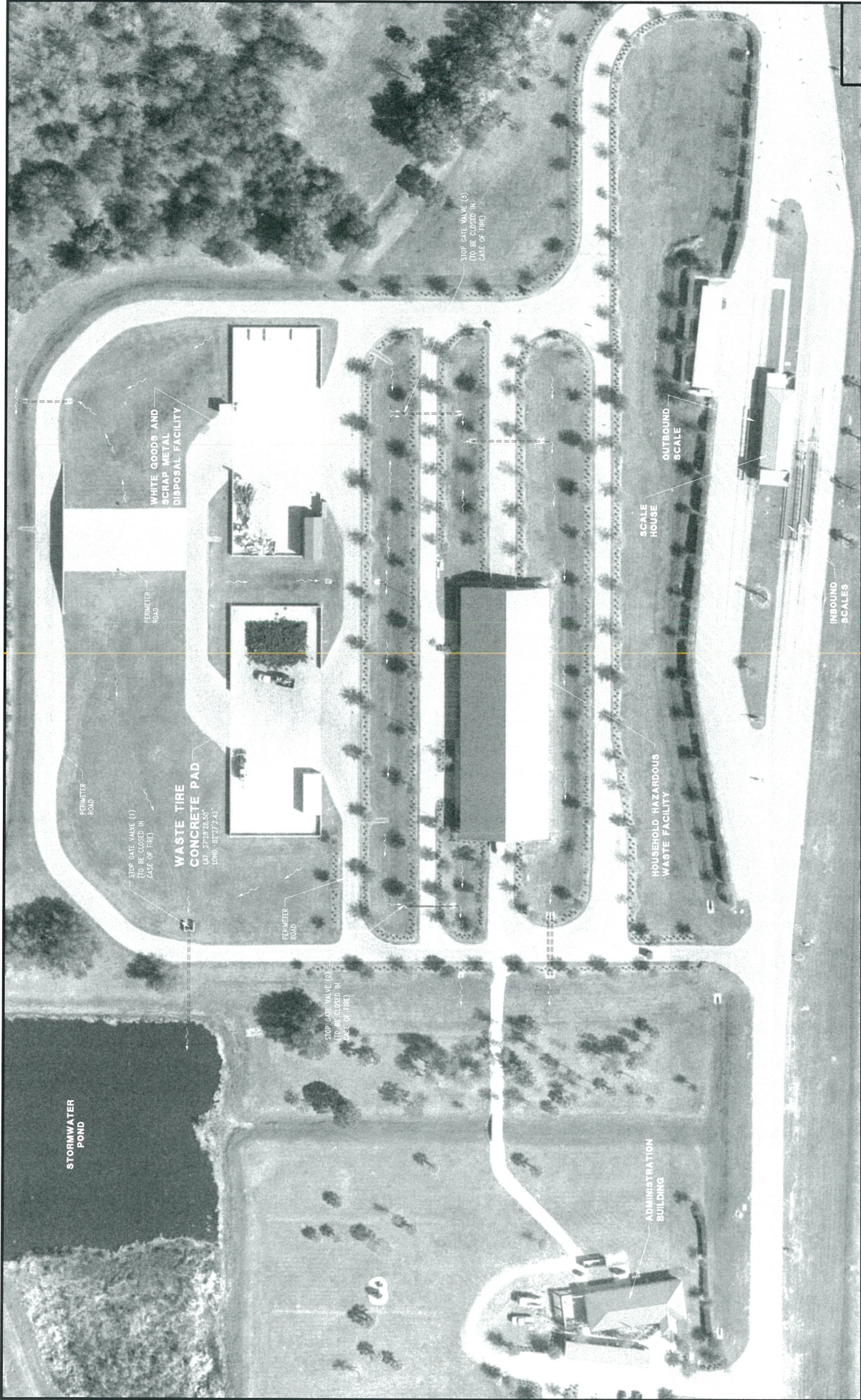
Insp W Troy T

SECTION 5

DRAWINGS



| | | | | | | | | | | | | | | | |
|--|--|--------------------------|--|---|--|---------------------------|--|--|--|---|--|--|--|--------------------|--|
| ATKINS 422 SOUTH KELLER ROAD TAMPA, FLORIDA 33607 TEL (407) 647-7275 FAX (407) 647-6624 www.atkinsglobal.com FPR CERTIFICATE OF AUTHORIZATION NO.24 | | CLIENT MANATEE COUNTY | | PRODUCT LENA ROAD LANDFILL WASTE TIRE PROCESSING FACILITY PERMIT RENEWAL APPLICATION | | TASK OVERALL SITE PLAN | | ORIGINAL JAN. 2014 REVISIONS: 1. _____ 2. _____ 3. _____ 4. _____ 5. _____ | | 6. _____ 7. _____ 8. _____ 9. _____ 10. _____ 11. _____ 12. _____ | | JOB NO. 100037624 DRAWN: RGC DESIGN: RGC CHECKED: RGC O.C. _____ SIGNED: _____ DATE: 1/13/14 | | SHEET / # 1 / 1 | |
|--|--|--------------------------|--|---|--|---------------------------|--|--|--|---|--|--|--|--------------------|--|



| | | | | | | | | |
|---|--|----------------|--------------------------------|--------|----------------------|-------------------------------|-------------------|-------------------------------|
| <div>ATKINS</div> <div>5300 W. BOY SCOUT BOULEVARD TAMPA, FLORIDA 33607 FEDERAL CERTIFICATE OF AUTHORIZATION NO. 24</div> | <div>487 SOUTH KELLER ROAD Orlando, FL 32810-0810 TEL: (407) 847-7275 FAX: (407) 847-3624 www.atkinsglobal.com</div> | CLIENT | PROJECT | TASK | ORIGINAL - JAN. 2014 | | JOB NO. 100037824 | |
| | | MANATEE COUNTY | LENA ROAD LANDFILL | LAYOUT | REVISIONS: | | 6. | 6. Mr. Rajarao C. G. D'Silva |
| | | | WASTE TIRE PROCESSING FACILITY | | 1. | 7. Mr. Rajarao C. G. D'Silva | 7. | 7. Mr. Rajarao C. G. D'Silva |
| | | | PERMIT RENEWAL APPLICATION | | 2. | 8. Mr. Rajarao C. G. D'Silva | 8. | 8. Mr. Rajarao C. G. D'Silva |
| | | | | | 3. | 9. Mr. Rajarao C. G. D'Silva | 9. | 9. Mr. Rajarao C. G. D'Silva |
| | | | | | 4. | 10. Mr. Rajarao C. G. D'Silva | 10. | 10. Mr. Rajarao C. G. D'Silva |
| | | | | | 5. | 11. Mr. Rajarao C. G. D'Silva | 11. | 11. Mr. Rajarao C. G. D'Silva |
| | | | | | | 12. Mr. Rajarao C. G. D'Silva | 12. | 12. Mr. Rajarao C. G. D'Silva |
| | | | | | | | | SHEET / # |
| | | | | | | | | |

485 SOUTH KELLER ROAD
Orlando, FL 32810-5101
TEL: (407) 847-7275
FAX: (407) 847-3664
www.atkins.com

5300 W. BOY SCOUT BOULEVARD
ORLANDO, FL 32837
TEL: (407) 847-7275
FAX: (407) 847-3664
www.atkins.com

ATKINS
5300 W. BOY SCOUT BOULEVARD
ORLANDO, FL 32837
TEL: (407) 847-7275
FAX: (407) 847-3664
www.atkins.com

SECTION 6

PHOTOGRAPHS



STOP GATE VALVE (2) ON THE NORTH WEST SIDE OF THE WASTE TIRE PROCESSING FACILITY – SIDE VIEW



STOP GATE VALVE (2) ON THE NORTH WEST SIDE OF THE WASTE TIRE PROCESSING FACILITY – FRONT VIEW



STOP GATE VALVE (1) ON THE SOUTH WEST SIDE OF THE WASTE TIRE PROCESSING FACILITY – SIDE VIEW



STOP GATE VALVE (1) ON THE SOUTH WEST SIDE OF THE WASTE TIRE PROCESSING FACILITY – FRONT VIEW



STOP GATE VALVE (3) ON THE SOUTH EAST SIDE OF THE WASTE TIRE PROCESSING FACILITY – FRONT VIEW



STOP GATE VALVE (3) ON THE SOUTH EAST SIDE OF THE WASTE TIRE PROCESSING FACILITY – SIDE VIEW



WASTE TIRE PILE



WASTE TIRE PROCESSING FACILITY CONCRETE PAD



STOCKPILING WASTE TIRES AT THE WASTE TIRE PROCESSING FACILITY

SUPPLEMENTAL INFORMATION

BRADENTON HERALD

WWW.BRADENTON.COM
P.O. Box 921
Bradenton, FL 34206-0921
102 Manatee Avenue West
Bradenton, FL 34205-8894
941-745-7077

Bradenton Herald
Published Daily
Bradenton, Manatee County, Florida

STATE OF FLORIDA COUNTY OF MANATEE

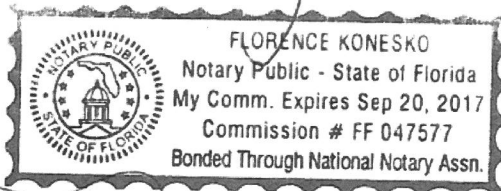
Before the undersigned authority personally appeared Linda Copeland, who, on oath, says that she is a Legal Advertising Representative of The Bradenton Herald, a daily newspaper published at Bradenton in Manatee County, Florida; that the attached copy of the advertisement, being a Legal Advertisement in the matter of **Notice of Application for State of Florida Dept. of Environmental Protection**, was published in said newspaper in the issue(s) of **04/30/2014**

Affidavit further says that the said publication is a newspaper published at Bradenton, in said Manatee County, Florida, and that the said newspaper has heretofore been continuously published in said Manatee County, Florida, each day and has been entered as second-class mail matter at the post office in Bradenton, in said Manatee County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Linda Copeland
(Signature of Affiant)

Sworn to and subscribed before me this

8 Day of May, 2014



SEAL & Notary Public

Personally Known _____ OR Produced Identification _____
Type of Identification Produced _____

State of Florida Department of Environmental Protection Notice of Application

The Department announces receipt of an application for permit from Manatee County Government for a permit renewal to operate an existing waste tire processing facility, subject to Department rules, at the Lena Road Landfill Waste Tire Processing Facility located at 3333 Lena Road, Bradenton, Manatee County, Florida.

This application is being processed and is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department of Environmental Protection, Southwest District Office, 13051 North Telecom Parkway, Temple Terrace, Florida 33637-0926.
04/30/2014

**MANATEE COUNTY PURCHASING**

Mail invoice To:
CLERK OF THE CIRCUIT COURT
MANATEE COUNTY FINANCE DEPARTMENT
P.O. BOX 1000
BRADENTON, FL 34206-1000
SEND SEPARATE INVOICES FOR EACH SHIPMENT

| | |
|----------------------------|---------------|
| PURCHASE ORDER NO.: | P1301231 |
| PAGE: | Page 1 of 1 |
| ORDER DATE: | 10/03/13 |
| DATE REQUIRED: | 10/02/13 |
| TERMS: | NET 45 |
| SHIP VIA: | BESTWAY |
| F.O.B.: | DESTINATION |
| CONFIRMATION TO: | task 20132972 |

VENDOR

L963250 (863) 665-2255 ext: 116
WHEELABRATOR RIDGE ENERGY INC
PO BOX 13648
PHILADELPHIA, PA 19101-3648

jklepaczky@wm.com

SHIP TO

S0305
UTILITY OPERATIONS
LANDFILL OPERATIONS
3333 LENA ROAD
BRADENTON, FL 34202
Requested by: Purchasing

| ITEM | QUANTITY | U/M | DESCRIPTION | UNIT PRICE | TOTAL PRICE |
|------|----------|-----|-------------|------------|-------------|
|------|----------|-----|-------------|------------|-------------|

PRICING IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF IFB
#10-2710JS AND PER BID SUBMITTED BY RODNEY WILLIAMS ON
SEPTEMBER 16, 2010.

TWO 1-YEAR RENEWAL PERIODS WILL REMAIN, FROM 10/1/13-9/30/14
AND FROM 10/1/14-9/30/15.

***** CHANGE ORDER #1 *****
THIS IS A CHANGE TO THE
ORIGINAL PURCHASE ORDER

** PAPERLESS PURCHASE ORDER **
* NO HARD COPY WILL BE SENT *
** TO CHANGE YOUR EMAIL, **
*** CONTACT THE BUYER ***

*** VENDOR PLEASE NOTE ***
** TO EXPEDITE YOUR PAYMENT **
DOCUMENT PO# ON ALL INVOICES

| | | | | | |
|-----|--------|----|---|------|-----------|
| 001 | 90,000 | EA | RENEWAL CHANGE ORDER #1 FOR WASTE TIRE REMOVAL FROM THE LENA ROAD LANDFILL ON AN "AS REQUIRED" BASIS AT THE PRICE OF \$86.00/TON FOR THE YEAR 10/2/2013 TO 9/30/2014. | 1.00 | 90,000.00 |
|-----|--------|----|---|------|-----------|

480-0011000-534000

90,000.00

TOTAL

90,000.00

Requisition#: R056115

Reference #: IFB 10-2710JS

Buyer: GEORGE EARNEST BUYER (941) 749-3044

See Reverse Side for Terms and Conditions

Approved By:

George Ernest

A PACKING LIST MUST ACCOMPANY EVERY SHIPMENT.

FLORIDA SALES TAX EXEMPT. CERT. NO. 85-8012622206C-6.

F.E.T. EXEMPT CERT.NO. 59-78-0089 K.

NO DEVIATION IN THE TERMS AND CONDITIONS OR SPECIFICATIONS OF THIS PURCHASE CONTRACT
SHALL BE MADE UNLESS SPECIFICALLY AUTHORIZED BY MANATEE COUNTY PURCHASING.

Alma W. Wellen