



Florida Department of Environmental Protection

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

Reset Form

Print Form

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. 126935-003-WT/02

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

Part I-General Information:

A. Applicant Information:

- Applicant Name: Pasco County Board of County Commissioners, Utility Services Branch
- Applicant Street Address: 19420 Central Blvd., Utilities Administration Building
- City: Land O' Lakes County: Pasco Zip: 34637
- Applicant Mailing Address: same
- City: _____ County: _____ Zip: _____
- Contact person: John Power Phone: (727)856-0119 FEID No: SWD/51/45799
- 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:

- Facility Name: West Pasco Solid Waste Complex
- Facility Street Address (Main Entrance): 14230 Hays Road
- City: Spring Hill County: Pasco Zip: 34610
- Facility Mailing Address: same
- City: _____ State: _____ Zip: _____
- Contact Person: John Power Phone: (727)856-0119
- Facility Location Coordinates:
Section: 25 Township: 24S Range: 17E
Latitude: N 28 22 26.69 Longitude: W 82 33 59.87
- Anticipated date for starting construction N/A and for completion of construction N/A
- 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 Pkwy
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: same as applicant
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: same as applicant
2. Operator's mailing address: _____
3. City: _____ State: _____ Zip: _____
4. Contact person: _____ Phone: () _____

E. Preparer of Application:

1. Name of person preparing application: Jason M. Gorrie, P.E.
2. Mailing address: 238 East Davis Blvd., Suite 206
3. City: Tampa State: FL Zip: 33606
4. Phone: (813)605-0706
5. Affiliation with facility: engineer of record

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 _____

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>2,000</u>	<u>40,000</u>	<u>0</u>	<u>0</u>	<u>2,000</u>
Processed tires:	<u>450</u>	<u>10,000</u>	<u>0</u>	<u>0</u>	<u>450</u>
Processing residuals:	<u>50</u>	<u>2,500</u>	<u>0</u>	<u>0</u>	<u>50</u>
TOTALS:	<u>2,500</u>	<u>52,500</u>	<u>0</u>	<u>0</u>	<u>2,500</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 _____

2. Street address: _____

3. City: _____ County: _____ Zip: _____

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

Processed tires are used either as Alternative Daily Cover (previously approved) at the West Pasco
Class I Landfill, are combusted at the adjacent Pasco County Resource Recovery Facility, or are
disposed at the Angelo's Landfill (Facility ID 94743).

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 Pasco County Utilities
Is aware that statements made in this form and attached information are an application for a
Waste Tire Processing Facility 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.

John Power
Signature of Applicant or Authorized Agent

John Power, Solid Waste Director
Name and Title

11/8/16
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.

Jason Gorrie
Signature

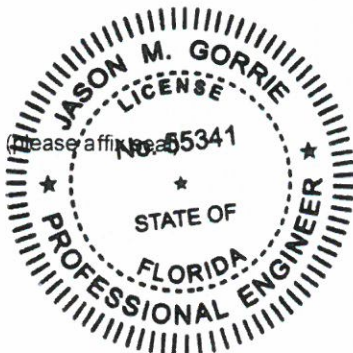
Jason Gorrie, P.E., President
Name and Title

238 East Davis Blvd., Suite 206
Mailing Address

Tampa, FL 33606
City, State, Zip

55341
Florida Registration Number

(813) 605-0706
Telephone number



11/7/2016
Date

Application Part III.A

Facility Design

This application is for the renewal of an existing operating permit. No changes in the facility design are proposed. Previously submitted facility design information prepared by Law Engineering and received by the Department on June 19, 1996 and additional design information submitted by CDM as part of the permit renewal application in 2001 should be referred to for facility design. The Pasco County Solid Waste Department plans no changes in design or operations.

Pursuant to 62-701.315(10)(c), F.A.C., Pasco County re-affirms that the information previously supplied to the Department and listed above to support the application for permit to construct and operate the Waste Tire Processing Facility remains valid.

Application Part III.B

Facility Operation

1.1 Background

The West Pasco Waste Tire Facility is a single component of the larger West Pasco Solid Waste Complex. Other waste operations conducted at the site include the Pasco County Resource Recovery Facility, the West Pasco Class I Landfill, and the West Pasco Class III landfill. **Figure 1** shows the site layout of the waste tire processing facility.

1.2 Operations

1.2.1 Incoming Waste Tires

The West Pasco Solid Waste Complex is open during the hours of 7:00 a.m. to 5:00 p.m., Monday through Saturday to receive waste for disposal or storage in designated locations according to material type.

The entrance to the facility is equipped with two electronically operated and computer controlled motor truck scales. These scales are tied into a local area network computer system utilizing Dickey Scales Refuse Vehicle Scale Management System II software.

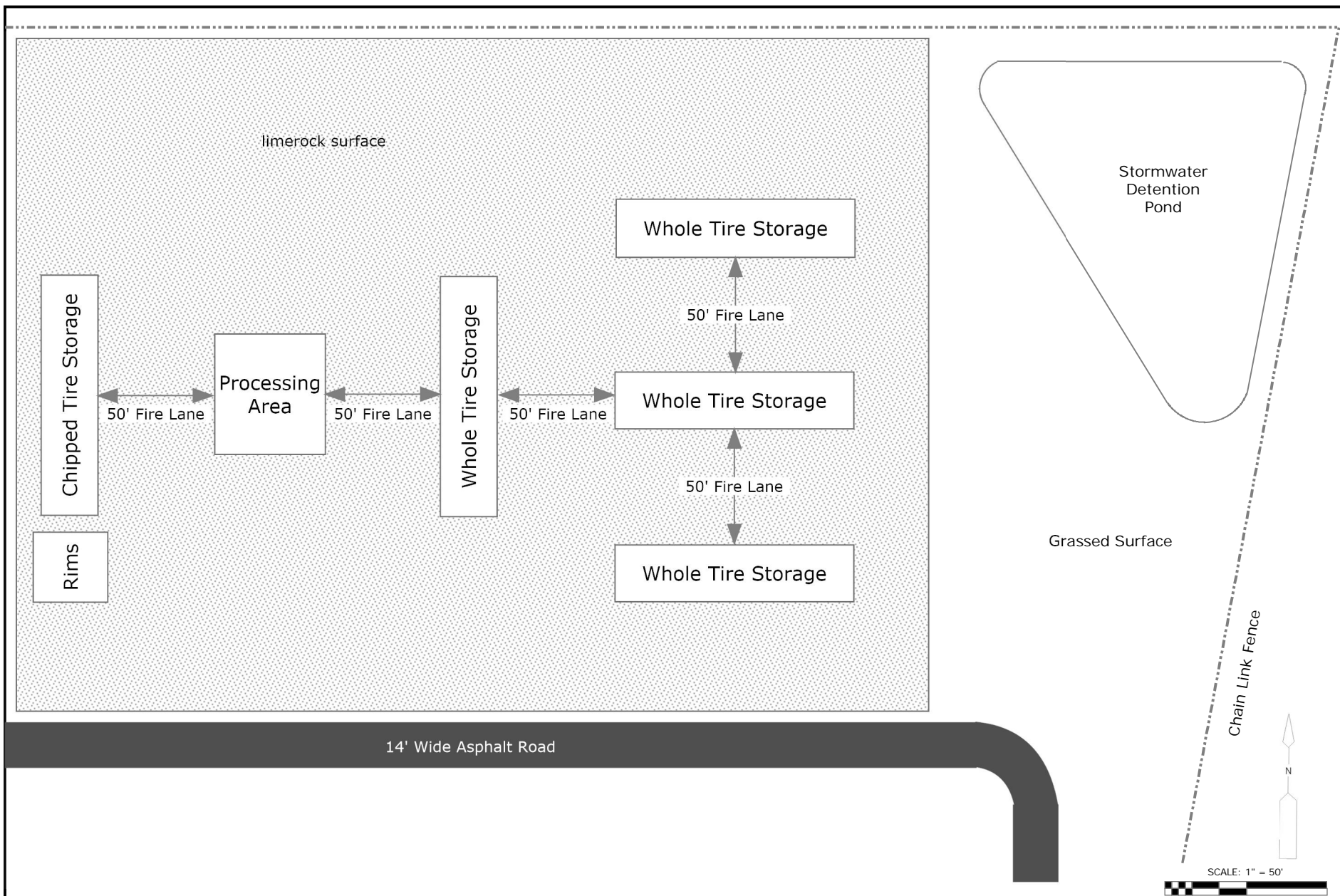
All inbound loads of tires are scaled for gross weight and then reweighed for tare upon exiting. Tare weights are recorded in the computer for all regular customers using designated vehicles enabling them to bypass the reweigh process. All transactions involving up to five individual passenger car tires are approximated at 20 pounds per tire, the equivalent of 100 tires per ton. All transactions involving up to 5 individual truck tires are approximated at 100 pounds per tire, equivalent to 20 tires per ton.


1.2.2 Tire Processing Equipment

Pasco County maintains a contract with a private company for periodic waste tire processing. The processing is performed on-site with shredding equipment mobilized to the landfill's Waste Tire Processing Area. The equipment is positioned adjacent to the Waste Tire Storage (see Figure 1), where any metal rims are removed and stockpiled. The equipment shreds the individual tires to 3 square inches or less. The shredded material is then transported to the Waste-to-Energy Facility for combustion, transported to the Class I landfill for use as daily cover, or transported to an off-site landfill for disposal.

1.2.3 Process Residue

The shredded tires are stored in chipped tire storage pile that is 50 feet wide by 200 feet long. The height of the pile for the processed tires will be kept to less than 10 feet. All of the chipped tires are hauled by truck to the waste-to-energy facility for combustion in accordance with Specific Condition No. A.7.1.8 of FDEP Permit No. 1010056-006-AV or used to supplement daily cover at MSW Cell SW-2. The only significant residue created by the bi-annual tire chipping operation is the metal rims. Prior to shredding, the metal rims are removed by the contractor and placed in a scrap metal pile (also referred to as the



PASCO COUNTY WASTE TIRE PROCESSING FACILITY	DRAWN BY JMG	FIGURE NO. 1	DATE 11/7/2016	SCALE 1" = 50'	
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rim storage area). From there, a licensed scrap metal dealer is dispatched to the site to collect them and remove them from the site.

1.2.4 Throughput

On an average day, the site receives approximately 8 tons of tires for storage. As stated previously, this equates to approximately 2,500 tons per year. Records of the quantity of waste tires received at the site are created by the automated scale software and are maintained by the Facility Manager.

1.2.5 Tire Storage

Signs are posted at the entrance of the site stating the operating hours of the facility as well as the tipping fees for disposing of waste tires. Additional signage at the storage area prohibits open flames within 25 feet of the storage piles. Pasco County employees monitor the area and are present when tires are being off-loaded by the general public. These County employees are equipped with two-way radios to insure that Pasco County Fire Rescue is contacted in case of a fire.

An Emergency Preparedness Manual has been created for the site and is included as **Attachment 1** to comply with the provisions of Rule 62-711.540(1)(e), F.A.C. This manual is kept on site in the Facility Manager's office. A copy will also be maintained at the Utility Services Branch of the Pasco County Government Center on Central Boulevard. A copy of the recent fire safety survey is included as **Attachment 2** to this application.

In the unlikely event that such a fire or other emergency should occur, Pasco County will immediately contact the Department and prepare a written report within two weeks of the emergency describing the origin of the emergency, an analysis of the actions that were taken in response to the emergency, the results of the actions that were taken, and an analysis of the success or failure of the actions.

Additional measures to protect the public health and welfare include routine spraying and periodic site inspections by the Pasco County Mosquito Control Section. Pasco County Solid Waste employees are also instructed to remain vigilant of rodents and other vectors that may create a nuisance at the site. An approach and access road to the waste tire site will be kept passable for any motor vehicle at all times.

Pasco County maintains a contract with a private company for periodic waste tire processing. The shredded material is then transported to the Waste-to-Energy Facility for combustion, transported to the Class I landfill for use as daily cover, or transported to an off site landfill for disposal.

Application Part III.C

Closure Plan

This application is for the renewal of an existing operating permit. No changes in the original Closure Plan are proposed. The previously submitted Closure Plan prepared by Law Engineering and received by the Department on June 19, 1996 remains valid.

Pursuant to 62-701.315(10)(c), F.A.C., Pasco County reaffirms that the information previously supplied to the Department and listed above to support the application for permit to construct and operate the Waste Tire Processing Facility remains valid.

Application Part III.D

Proof of Financial Responsibility

The Waste Tire Processing Facility is a sub-component of the Class III Landfill Facility. The latest Financial Responsibility Documents (covering in part, the Waste Tire Processing Facility) were submitted to the Department on July 5, 2016 and are included as **Attachment 3**.

Application Part 1.A.7

Previous Enforcement Actions

Attachment 4 provides a summary of previous FDEP enforcement actions related to Pasco County Solid Waste

ATTACHMENT 1
Emergency Preparedness Manual

Pasco County Waste Tire Facility Emergency Preparedness Manual

1. Introduction

Pasco County owns and operates a permanent public waste tire collection and storage site permitted with the Florida Department of Environmental Protection (FDEP).

The site is part of a large Solid Waste Management Complex (800 acres) that includes the West Pasco Class III Landfill, the Pasco County Waste-to-Energy Facility, an Ash Cell, a Recycling Center, and a Household Hazardous Waste Center.

2. Purpose and Scope

The purpose of this manual is to provide information and guidance for responses to emergency incidents (fire) at the Pasco County waste tire collection and storage site.

This manual addresses all facets of activities at the waste tire site. This manual, however, will be subjected to review by fire fighting agencies in the County and will be updated as the situation dictates.

3. Site Function and Limitations

The purpose for establishing this site is to provide the County residents and County businesses with a means by which they can safely dispose of their waste tires in an environmentally sound manner. By doing so, removing a fire hazard and reducing or eliminating mosquito breeding grounds can be achieved in Pasco County. An additional benefit is the utilization of chipped waste tires as fuel in electrical generation at the County's Waste-to-Energy Facility.

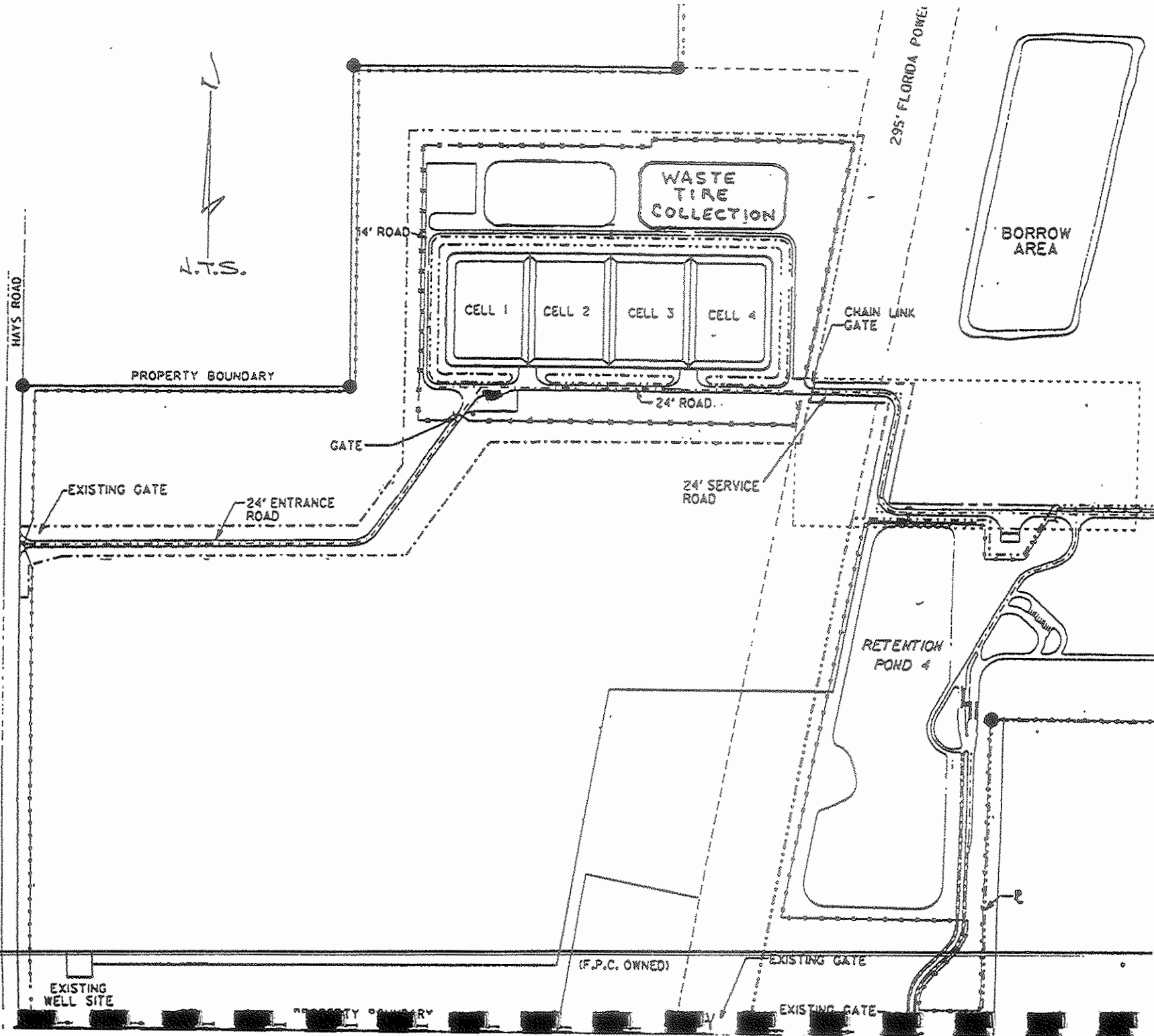
The waste tire site is designed to safely accommodate a relatively large number of waste tires. It also provides a space for derimming and onsite tire chipping several times annually. The site is also used for educational purposes and is visited by a number of school children and other institutions. Tires are stored for a minimum amount of time and always processed as soon as possible. No waste of any kind is generated at the site.

4. Site Description

The waste tire collection and storage site is approximately 950 x 450 feet and is located in the north central portion of the Solid Waste Management Complex (**Figure 1**). It is lined with compressed limerock. The total complex is secured by a six-foot chain link fence and two security gates, one of which is electronically controlled.

Waste tire piles (five piles) stored at the site are approximately 10,000 square feet (200 x 50 each) and seldom reach a maximum height of 10 feet. Each storage pile has a 50-foot wide fire lane. The site is sloped toward an earthen berm to manage run-off in

FIGURE 1: Waste Tire
Collection and Processing
Facility. Layout Diagram



case of fire. The total complex is devoid of any water body. However, a well head and a fire hydrant located within 3,000 feet (250 gpm) of the site will be used as a water source to suppress the fire in case of a fire accident. The storage area is accessible through a paved road and is posted with information and “No Open Flame” signs. The area immediately surrounding the storage area is practically clear of wood, brush, and underbrush vegetation in order to minimize the possibility of fire.

The site is open to the public six days a week. Prior to reaching the site itself to unload, cars and trucks loaded with waste tires must first proceed to a scale house where weights are recorded and records are maintained. Hours of operation and fee schedules are posted at the entrance to the scale house.

The waste tire collection and storage site as well as the total Solid Waste Management Complex is under the watcheyes of the site attendants who are in constant communication by radio with each other and with the scale house attendant (also with the base). Fire protection equipment is stored at the scale house and maintenance building, inspected and certified twice a year, and is readily available for usage in case of a fire.

5. Emergency Preparedness

Local authorities have been notified and will be kept appraised of the operations at the waste tire collection and storage site. The site is inspected by the fire marshal on an annual basis. A copy of this plan is posted at the scale house. Waste tire inventory is taken on a daily basis. Monthly statistics are maintained inside the scale house.

Agencies notified:

<u>Local Police Department:</u>	Pasco County Sheriff's Office 7530 Little Road New Port Richey, FL 34654 (727) 847-5878
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<u>Local Fire Department:</u>	Station No. 20 15900 Little Ranch Road Hudson, FL 34669 (727) 856-5519 Station No. 21 S.R. 52 and South Road Hudson, FL 34667 (727) 856-3259
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<u>Local Fire Tower:</u>	Department of Forestry S.R. 52 West Land O'Lakes, FL 34639 (727) 754-6777
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Local Hospital:

HCA Bayonet Point/Hudson Medical Center
14000 Fivay Road
Hudson, FL 34667
(727) 863-2411

Environmental:

Florida Department of Environmental Protection
13051 North Telecom Parkway
Temple Terrace, FL 33637-0926
(813) 632-7600

Every effort is made to operate the site in a safe manner. All necessary materials to contain small fire and minor run-off are maintained onsite as outlined on the emergency supply list indicated below. The ability to clean up all residues, thereof, is also available.

6. Emergency Supplies List

Materials:

Absorbents
Absorbent pads
Drums
Over-packs
Barricades
Booms

Equipment:

Two-way radios
Front-end loaders
First-aid kits
Dozers
Shovels
Fire extinguishers
SCBA cylinder
Camcorder

Personal Protection Equipment:

Impervious coveralls
Chemically resistant gloves
Respirators and cartridges
Hard hats
Face shields
Face masks
Goggles

7. Site Layout

See **Figure 1** for site layout, waste tire collection center location, entrances and exits to the site, and location of water wells and fire hydrants that could be used to abate a potential fire. Please note the security fence surrounding the whole complex and the scale house where vehicles are checked and directed toward the tire collection site.

8. Emergency Response Coordinators and Emergency Response Team

1. Emergency Response Coordinator

a. Primary: John Power
Solid Waste Facility Manager

Address: 14230 Hays Road
Spring Hill, FL 34610

Telephone: Work (727) 856-0119
Home (352)-567-1060

Responsibility: To ascertain the severity and magnitude of the emergency, contact the fire marshal, assign tasks to individual workers, implement the Contingency Plan, and, if necessary, order an evacuation of the premises.

b. Secondary: Ronald J. Walker
Solid Waste Superintendent

Address: 14230 Hays Road
Spring Hill, FL 34610

Telephone: Work (727) 861-3004
Home (727) 856-6685

Responsibility: To assist the primary emergency response coordinator to mobilize staff, if necessary, to prepare emergency equipment; to assist local response agencies, if needed to; and to supervise the cleaning up operations after the fire is completely abated.

Garry Ackerman

Address: 14230 Hays Road
Spring Hill, FL 34610

Telephone: Work (727) 861-3053
Home (727) 868-5715

Responsibility: In charge of cleaning up operations, assign tasks to all participants, supervise packing and disposal of contaminated soil, absorbents, booms, etc.

c. Chain of Command:

Until the arrival of the fire marshal and local response agencies, the County personnel will take command of the site. The chain of command will be as follows:

Emergency Response Primary Coordinator

John Power
Solid Waste Facility Manager

Emergency Response Secondary Coordinator

Ronald J. Walker
Solid Waste Superintendent

Staff and Equipment Coordinator

Garry Ackerman
Landfill Operator

In an emergency situation where local authorities are called in, the senior officer of the responding agency (Pasco County Fire Department) shall assume command of the operations. County staff will then take a secondary position and can only provide assistance if requested. Equipment will also be made available to the agency involved. However, County staff will be heavily involved in the clean-up operations after the site is secured and the fire is put out.

9. Prevention of Emergency Situations

Operations at Pasco County's waste tire collection and storage site shall be conducted in a manner that maximizes the safety of the staff, the safety of the public, and the safety of the environment. "No Open Flame" signs will be posted at the site, and no smoking will be permitted at the site. Residents bringing in their waste tires are instructed at the entrance (scale house) of safety rules, protocol, and how and where to unload their vehicles.

The prevention of fire at the waste tire center is a primary goal of the staff. We recognize the fact that in dealing with stockpiles of scrap tires, prevention is of paramount importance because of the potential size, environmental impact, and costs of a tire fire. Therefore, prefire plans were instituted which included the following:

1. The perimeter of the site has a chain link fence with two security gates. Clearly visible signs with business hours are posted near the site entrance. A site attendant is always present on site during work hours.
2. The waste tire collection site is provided with emergency vehicle access routes. No portion of the waste tire pile is more than 450 feet from the access routes.

3. The access routes to the tire pile are designed to support the loads imposed by heavy machinery and trucks similar to those used by the fire fighting vehicles and equipment.
4. Access routes are all asphalt-paved roads.
5. Access routes are unobstructed, can be used year-round, are well maintained, and are accessible to the fire department at all times.
6. The whole tire piles are designed to be limited to 10 feet in height with a maximum perimeter of 200 feet by 50 feet. The edges of the pile are 50 feet from the perimeter and are void of debris or vegetation.
7. No buildings, vehicles, chemicals, or flammable materials are permitted within 250 feet of the tire pile.
8. Tires are stored on compressed limerock foundation. No surface waters are nearby.
9. No open air burning is permitted anywhere on the total complex. No smoking is allowed near or within 200 feet of the piles.
10. Two water supply wells located at the complex will provide adequate water to suppress a fire in case of fire incident.
11. All vehicles (e.g., front-end loader, trucks) operating at the tire storage area are equipped with a fire extinguisher.
12. Site inspections are conducted by the Pasco County Fire Marshal on an annual basis.

10. Emergency Procedures

In a major fire, it is unlikely that the Solid Waste Facility resources will be sufficient to completely control the fire. In this case, the goal of the staff is to protect the site, evacuate when needed, and immediately notify the local fire agency.

Whenever an actual emergency situation arises, the emergency coordinator on-site shall take the responsibility for implementing this Contingency Plan. The emergency coordinator must immediately identify the nature, extent, and location of fire (where in the pile the fire started). Furthermore, the emergency coordinator must also assess possible hazard to the human health and the environment caused by the fire. Evacuation of civilians, a life safety consideration, should be considered as a highest

priority by the coordinator. No strategy for managing the incident should bypass evacuation consideration. Any areas exposed to the smoke plume or subject to such exposure from shifting winds should be evacuated as a precaution.

Should an emergency occur, the emergency coordinator must take reasonable measures to ensure that the fire will not spread to the rest of the pile or to the adjacent facilities or equipment. If the fire is minor, loaders may be used to remove the unaffected tires from the piles. Extinguishers and water hoses may assist in this case. If the fire is major, neither the emergency coordinator nor his staff should approach the pile; this should best be left for the local fire agency which is equipped to handle such a situation.

Public agencies, as identified in the prefire plan, should be contacted in the earliest possible stages of the incident. If possible, the emergency coordinator should provide the local fire agencies with any information pertinent to the incident prior to their arrival on the fire ground.

The use of heavy equipment such as front-end loaders and mid-size bulldozers are necessary in gaining access and removing unburned tires from the pile. Since the responding fire agencies may not provide such equipment, the emergency coordinator may be included to provide this task using County equipment (on-site) and staff. Furthermore, in many cases, the only effective means of managing large tire fires is by smothering the burning portions with dirt or fill materials. In this case the coordinator could provide this service since a pile of fill dirt is always present at or near the tire pile (used for daily cover at the landfill).

During emergencies, accurate information gathering is essential. Such information could be coordinated and provided by the emergency coordinator. Examples include gauging the hot spots, the fire's locations, and the rate of spreading.

In the event of a small fire, the person discovering this fire (an attendant) must make a determination as to whether or not it can be extinguished safely and quickly with the available fire extinguishers, and/or smothered with available dirt. If it is determined that the fire can be easily extinguished with the available tools, notification of emergency coordinator should then be followed by taking an appropriate action.

The emergency response coordinator shall be notified immediately, and he shall determine if the site should be evacuated and if local agencies need to be immediately contacted. Additionally, the emergency response coordinator should determine if it is necessary to seal the stormwater outfall at the northeast corner of the site. If deemed necessary, fill dirt should be placed at the headwall of the stormwater pipe to preclude oily materials from migrating off-site.

If the person(s) first discovering the fire assesses the situation and determines that the fire cannot be handled by the staff at the site, the fire department, the Sheriff's Office,

and the local hospital will be immediately notified. This person(s) also should immediately order an evacuation of the personnel on-site.

11. Evacuation

In case of emergency and the on-site emergency coordinator deems it necessary to evacuate, he/she shall give the instructions to immediate evacuate. Upon receiving the instructions, the staff shall leave the site by the nearest exit. Special attention will be paid to County residents and visiting guests present on the site to ensure their safety and assist their egress.

Upon evacuation of the site, all personnel are to proceed directly to the rallying point. Upon evacuation, all nonresponsive personnel shall be kept a safe distance from the site. Traffic on roads leading into the complex will be stopped or rerouted, if necessary.

Rallying Point: At the scale house at the main entrance to the complex.

12. Notification

In the event of fire, all personnel at the site must be immediately notified. Should the emergency coordinator determine that outside assistance is needed or notification of local emergency response authorities is warranted, he should:

1. Call the fire department first (dial "9-1-1")
2. Call the local hospital (if necessary)
3. Call the Sheriff's Office

The emergency coordinator must be available to help the local emergency authorities. Should the coordinator decide that evacuation of the local area is advisable, he should notify the above three agencies of his assessment. Having done so, the emergency coordinator must then proceed to inform the environmental protection agencies at the local, State, and Federal levels.

13. Follow-Up

The emergency coordinator must note in the operating record the time, date, and details of any incident which requires implementing this Contingency Plan. The coordinator must develop a written report on the incident within 10 days after its occurrence.

1. All information included in the initial emergency notification and information indicated above. The report should also include information updating the original report.

2. Actions taken to respond to and contain the run-off/release resulting from the fire.
3. An assessment of actual or potential hazards to human health and the environment where this is applicable. This should include any known or anticipated acute or chronic health risks associated with the run-off/release resulting from the fire.
4. Advice regarding medical attention necessary for exposed individuals.
5. Estimated quantity and disposition of recovered materials that resulted from the incident (contaminated soils).
6. A critique of the emergency response plan and how it was implemented.
7. Copies are to be forwarded to local and State emergency groups.

14. After the Fire Clean-Up

Environmental impacts associated with large tire fire could be substantial. Extreme heat turns rubber into oil. A standard passenger car tire can generate about two gallons of oil as it burns and liquefies. The danger associated with this oil is that it could leach into the soil and reach the shallow drinking water aquifer thus contaminating a very valuable drinking water source.

It is imperative to contain the run-off from the pile as well as all residues resulting from the incident. A tire fire should be treated as a hazmat incident. Environmental contamination must be monitored for groundwater and soil (there are no surface waters at the site).

Groundwater monitoring is done at the site. Air pollution monitoring will be best left to the Florida Department of Environmental Protection to carry out since they are better equipped to handle this task.

Immediately after the emergency, the emergency coordinator shall provide for treating, storing, or disposing of recovered waste, contaminated soil, or any other material that results from the fire.

The emergency coordinator must ensure that in the affected areas of the site.

1. All clean up operations are completed.
2. All emergency equipment listed in the Contingency Plan and indicated earlier are cleaned and ready for its intended use (if used) before the waste tire collection site is open for business again.

Contaminated equipment shall be cleaned with an appropriate solvent, and the discarded solution handled in an environmentally sound manner (may be treated as

hazardous waste). Contaminated soils should be handled in accordance with the appropriate provisions of Chapter 62 of the Florida Administrative Code.

ATTACHMENT 2
Fire Safety Inspection Report

ATTACHMENT 3
Financial Assurance Estimate



Florida Department of Environmental Protection

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

DEP Form # 62-701.900(28), F.A.C.

Form Title: Closure Cost Estimating Form
For Solid Waste Facilities

Effective Date: January 6, 2010

Incorporated in Rule 62-701.630(3), F.A.C.

CLOSURE COST ESTIMATING FORM FOR SOLID WASTE FACILITIES

Date of DEP Approval: _____

I. GENERAL INFORMATION:

Facility Name: West Pasco Class III WACS ID: 45799
 Permit Application or Consent Order No.: 26254-003-SO/T3 Expiration Date: 11/22/2033
 Facility Address: 14606 Hays Road, Spring Hill, FL 34610
 Permittee or Owner/Operator: Pasco County Utilities
 Mailing Address: 7536 State Street, Suite 204, New Port Richey, FL 34654

Latitude: 28° 22' 05" Longitude: 82° 33' 30"
 Coordinate Method: _____ Datum: _____
 Collected by: _____ Company/Affiliation: _____

Solid Waste Disposal Units Included in Estimate:

Phase / Cell	Acres	Date Unit Began Accepting Waste	Active Life of Unit From Date of Initial Receipt of Waste	If active: Remaining life of unit	If closed: Date last waste received	If closed: Official date of closing
1	5	June 1990	11.92 Yrs			
2	5	May 2002	13.92 Yrs	*		
3	5	Not Utilized				
4	5	June 1990				
* approx. 34 Years for total	site from	2016				

Total disposal unit acreage included in this estimate: _____ Closure: 20 Long-Term Care: 20

Facility type: ☐ Class I ☒ Class III ☐ C&D Debris Disposal
 (Check all that apply) ☐ Other: _____

II. TYPE OF FINANCIAL ASSURANCE DOCUMENT (Check type)

- ☐ Letter of Credit* ☐ Insurance Certificate ☒ Escrow Account
☐ Performance Bond* ☐ Financial Test ☐ Form 29 (FA Deferral)
☐ Guarantee Bond* ☐ Trust Fund Agreement

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

Northwest District
160 Government Center
Pensacola, FL 32502-5794
850-595-8360

Northeast District
7825 Baymeadows Way, Ste. B200
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 33637
813-632-7600

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33901-3881
239-332-6975

Southeast District
400 N. Congress Ave., Ste. 200
West Palm Beach, FL 33401
561-681-6600

III. ESTIMATE ADJUSTMENT

40 CFR Part 264 Subpart H as adopted by reference in Rule 62-701.630, Florida Administrative Code, (F.A.C.) sets forth the method of 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

☐ (b) Recalculated or New Cost Estimates

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 website www.dep.state.fl.us/waste/categories/swfr or call the Financial Coordinator at (850) 245-8706.

This adjustment is based on the Department approved closing cost estimate dated:

January 21, 2016

Latest Department Approved Closing Cost Estimate:	Current Year Inflation Factor, e.g. 1.02	Inflation Adjusted Closing Cost Estimate:
<u>\$2,775,316.93</u>	<u>1.009</u>	<u>\$2,800,294.78</u>

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

January 21, 2016

Latest Department Approved Annual Long-Term Care Cost Estimate:	Current Year Inflation Factor, e.g. 1.02	Inflation Adjusted Annual Long-Term Care Cost Estimate:
<u>\$109,893.80</u>	<u>1.009</u>	<u>\$110,882.84</u>
Number of Years of Long Term Care Remaining:	<u>30</u>	
Inflation Adjusted Long-Term Care Cost Estimate:		<u>\$3,326,485.33</u>

Signature by: ☒ Owner/Operator

☐ Engineer

(check what applies)



Signature

19420 Central Blvd.

Address

Robert J. Sigmond, Utilities Fiscal and Business Services Dir.

Name & Title

Land O' Lakes, FL 34637

City, State, Zip Code

August 31, 2016

Date

rsigmond@pascocountyfl.net

E-Mail Address

(813) 235-6196

Telephone Number

ATTACHMENT 4
Listing of Previous Enforcement Actions

Past Enforcement Actions Involving Pasco County Solid Waste			
Date	Description	FDEP File #	Resolution
1999	West Pasco Class I Landfill allowed to accumulate greater than 12" of leachate above the liner system	99-1346	Consent Order
2008	Stormwater that had come into contact with ash was allowed to migrate into the facility stormwater management system at the Pasco County Resource Recovery Facility	08-2942	Consent Order
2009	Exceedance of groundwater quality standards beyond the zone of discharge at the East Pasco Class I Landfill	09-0269	Consent Order