



April 15, 2015

Mr. Phillip J. Ciaravella
Solid Waste Section
Florida Department of Environmental Protection
2600 Blair Stone Road, MS 4565
Tallahassee, Florida 32399

Subject: Southeast County Landfill, Hillsborough County, Florida
Waste Tire Processing Facility Permit Renewal Application
Permit No.: 126787-004-WT/02

Dear Mr. Ciaravella,

On behalf of Hillsborough County Public Works Department, Solid Waste Management Division (SWMD), HDR Engineering, Inc. (HDR) is pleased to submit this electronic copy of the Permit Renewal Application for the Waste Tire Processing Facility located at the Southeast County Landfill.

This permit renewal application includes revisions to remove the requirement of the approved variance to increase the maximum storage capacity and holding time. The SWMD will continue to meet all applicable requirements contained in Rule 62-711, F.A.C.

A hardcopy of the permit renewal application for the Waste Tire Processing Facility and a check in the amount of \$1,250 in accordance with Rule 62-4, F.A.C. for the permit renewal fee will be submitted via regular mail separately.

Please call me at (813) 262-2731 if you require any clarifications or information relating to this submittal.

Sincerely,

HDR Engineering, Inc.

A handwritten signature in blue ink, appearing to read 'CARLOS A. RESTREPO'.

Carlos A. Restrepo, P.E.
Sr. Project Engineer



cc. Kimberly Byer, Hillsborough County
Larry Ruiz, Hillsborough County
Ron Cope, EPC



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. 126787-004-WT/02

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

Part I-General Information:

A. Applicant Information:

1. Applicant Name: Hillsborough County Public Works Department, Solid Waste Management Division
2. Applicant Street Address: 332 North Falkenburg Road
3. City: Tampa County: Hillsborough Zip: 33619
4. Applicant Mailing Address: PO Box 1110
5. City: Tampa County: Hillsborough Zip: 33601
6. Contact person: Kimberly A. Byer Phone: (813)612-7718 FEID No: _____
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: Waste Tire Processing Storage Facility
2. Facility Street Address (Main Entrance): 15960 CR 672
3. City: Lithia County: Hillsborough Zip: 33547
4. Facility Mailing Address: PO Box 1110
5. City: Tampa State: Florida Zip: 33601
6. Contact Person: Larry Ruiz Phone: (813)671-7707
7. Facility Location Coordinates:
Section: 14 Township: 31S Range: 21E, 22E
Latitude: 27-46-43.7 Longitude: 82-10-47.1
8. Anticipated date for starting construction N/A and for completion of construction Existing
9. Anticipated date for receipt of tires N/A and for start of processing Existing

**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: N/A
2. Land owner's mailing address: N/A
3. City: N/A State: N/A Zip: N/A
4. Authorized Agent: N/A Agent's phone (N/A)
5. Current lease expires: N/A

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

1. Operator's name: N/A
2. Operator's mailing address: N/A
3. City: N/A State: N/A Zip: N/A
4. Contact person: N/A Phone: (N/A)

E. Preparer of Application:

1. Name of person preparing application: Carlos A. Restrepo, P.E. (HDR Engineering, Inc.)
2. Mailing address: 5426 Bay Center Drive, Suite 400
3. City: Tampa State: Florida Zip: 33609
4. Phone: (813)282-2300
5. Affiliation with facility: Authorized Agent / Consultant

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>3,345</u>	<u>60,000</u>	<u> </u>	<u> </u>	<u>3,345</u>
Processed tires:	<u>6,300</u>	<u>66,595</u>	<u> </u>	<u> </u>	<u>6,300</u>
Processing residuals:	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
TOTALS:	<u>9,645</u>	<u>126,595</u>	<u> </u>	<u> </u>	<u>9,645</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 N/A

2. Street address: N/A

3. City: N/A County: N/A Zip: N/A

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

N/A

Part III-Attachments:

A. Facility design

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

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

B. Facility operation.

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

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

- D. Attach proof of financial responsibility as requirement by Rule 62-711.500(3) OR a calculation showing that financial assurance documents, currently on file with the Department, are sufficient to assure closing of the waste tire site as well as any other solid waste management facility at that location.
- E. A letter from the land owner (if different from applicant) authorizing use of the land as a waste tire processing facility.
- F. If waste tires will be consumed 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 Hillsborough Cnty Solid Waste Mgmt. Div.
Is aware that statements made in this form and attached information are an application for a
renewal of a Permit from the Florida Department of Environmental Protection and certifies that
The information in this application is true, correct and complete to the best of his knowledge and belief.
Further, the undersigned agrees to comply with the provisions of Chapter 403, Florida Statutes, and all rules and
regulations of the Department. It is understood that the Department will be notified prior to the sale or legal transfer
of the facility.

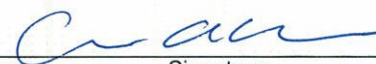

Signature of Applicant or Authorized Agent

Kimberly A. Byer, Director
Name and Title

04/13/15
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

HDR Engineering, Inc. 5426 Bay Center Dr.
Mailing Address

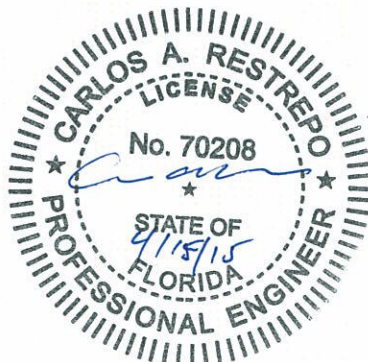
Carlos A. Restrepo, P.E. Sr. Project Engineer
Name and Title

Suite 400, Tampa, FL 33609. Cert. Auth. # 4213
City, State, Zip

70208
Florida Registration Number

813-282-2300
Telephone number

(please affix seal)



4/15/15
Date

PART I – GENERAL INFORMATION

A APPLICANT INFORMATION

- A.7 Table A.7 summarizes enforcement history for the applicant, the Hillsborough County Public Works Department, Solid Waste Management Division (SWMD). Based on a review of the SWMD files and information provided by SWMD's staff responsible for the Southeast County Landfill (SCLF), the applicant is not aware of any other enforcement actions relative to the County's other operations. Any errors or omissions are not to be construed as a misrepresentation of the facts. If FDEP has additional information in its files, the SWMD will concede to FDEP's data.

**Table A.7
Enforcement Action History**

Facility	Action	Status
Southeast County Landfill (SCLF)	FDEP SFCO # 10-3622	Closed
	FDEP WL#10 005-SW29SWD	Closed
	FDEP – SFCO #09-3117	Closed
	FDEP Consent Order #96-1649 for head over liner 8/5/1996	Leachate management plan developed - Closed
	FDEP warning letter regarding Turbidity and Consent Agreement issued #WL02-2223 SW29SWD 12/9/02	County responded 2/3/03. Measures implemented to reduce turbidity
	OGC – CO #09-3117	Closed 12/3/09
Hillsborough Heights/Taylor Road Landfills	EPC SFCO # 09-3366DW	Closed
	EPA Consent Decree 6/15/83	Replaced with ROD and Consent Decree #98-239-CIV-T-25F
Northwest Landfill	FDEP – CO #08-2838	Open
	FDEP - CO #89-0108 – Groundwater Contamination	Replaced with Water Quality Monitoring Permit #130425-005-SO(GW)
	#WL92-0011SW29SWD	Closed
Falkenburg Yard and WW	#WL92-0010SW29SWD	Closed
	#WL93-0006SW29SWD	Closed
	EPCWN#15372	Closed
Northwest Transfer Station	#WL93-0014SW29SWD	Closed
	#WL94-0012SW29SWD	Closed, replaced by general permit #126750-007-SO/30
South County Transfer Station	EPC Warning Notice, dated August 19, 2005 #2005-2532H	Closed 8/12/09

Table A.7 (cont.)
Enforcement Action History,

Facility	Action	Status
Resource Recovery Facility	EPC Warning Notice #14929 – Ash Residue Management – 1994	Closed
	EPC WL #16099 lead to CO #99-0721DML0261 – Retrofit for Air Emissions	Closed
	EPC CO #03-0824AR0261 – Failure to inject carbon in MWC Unit No.s 1&3	Closed
	EPC Warning Notice #2004-0506A – Failure to calibrate the opacity CEMs for EU2	Closed
	EPC Warning Notice #14697 – Exceeding Process Rate - 1993	Closed
Mango Clay Pit	FDEP – WL #29-8610483 – monitoring only – 10/14/1986	Closed
Sydney Mine	FDEP – CO #29-87-0627 – Source removal and pump and treat system in 1987 – lead to second Consent Decree – CD 801-CV-2466-T-30TBM in 2004 for natural attenuation and continued monitoring	Open – Settlement Agreement
Gunn Highway Landfill	FDEP – CO #92-0622 – required to investigate LFG Migration at property boundaries – SWMD currently monitors the site monthly	Open
Pleasant Grove Landfill	FDEP – CO #92-0683 – required contamination assessment and ground and surface water and LFG monitoring	Open

PART III - ATTACHMENTS

A FACILITY DESIGN

- A.1 A map with the latest topographic survey information of the SCLF facility along with supporting drawings showing location and size of all storage and processing areas, stormwater control measures, boundaries, buildings, access roads, fences and control measures is including in Attachment I of this permit renewal application.
- A.2 Supporting figures showing land use and zoning, location of wetlands and waterbodies, and water wells are included in Figures 1 through 5 of the engineering report in this permit renewal application.

B FACILITY OPERATION

- B.1 Description of the facility's operation, process and products including how waste tires will be received and stored is included in Section 5 of the Engineering Report.
- B.2 Description of the equipment used for processing tires to include capacity of each equipment is included in Section 6 of the Engineering Report.
- B.3 Description of the waste from the process, amount of waste expected and how and where this waste will be disposed of is included in in Sections 5 and 6 of the Engineering Report.
- B.4 Statement of the maximum daily throughput and the planned daily and annual throughput is included in Sections 3 and 6 of the Engineering Report.
- B.5 Description of how the operator will maintain compliance with each of the storage requirements of Rule 62-711.540, F.A.C is included in Section 2.3 of the Engineering Report.
- B.6 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 is included in Attachment E of the Engineering Report.
- B.7 Copy of the fire safety survey is included in Attachment E of the Engineering Report.
- B.8 Description of how 75% of the annual accumulation of waste tires will be removed for disposal or recycling is further explained in Section 3 of the Engineering Report.
- C Completed closing plan for the facility as required by Rule 62-711.700(2) and (3), F.A.C. is included in Section 10 of the Engineering Report.
- D Proof of financial responsibility as required by Rule 62-711.500(3) is included in Section 9 of the Engineering Report and in Attachment G.
- E The landowner is the applicant.
- F Use of the processed tires is allowed by FDEP Solid Waste Operations Permit No. 35435-022-SO/01 issued November 7, 2013. The processed tires may be used as alternative initial cover as detailed in Specific Condition C.8.b.1). In addition, the processed tires are used as the upper 12-inches of the protective soil layer in landfill bottom liner construction.
- G Permit fee as required in Rule 62-4, F.A.C. has been included with this permit renewal application.



Hillsborough County
Public Works Department
Solid Waste Management Division

Southeast County Landfill
Hillsborough County, Florida
Waste Tire Processing Facility
Permit Renewal Application - Engineering Report

April 2015

Prepared for:
Hillsborough County Public Works Department
Solid Waste Management Division
332 North Falkenburg Road
Brandon, Florida 33619

Prepared by:
HDR Engineering, Inc.
5426 Bay Center Drive, Suite 400
Tampa, Florida 33609-3444
(813) 282-2300

HDR Project No. 100-243250-1150
Florida Certificate of Authorization No. 00004213

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FIGURES

FIGURE 1	Location of Southeast County Landfill
FIGURE 2	Flood Plain and Surface Waterbody Location Map
FIGURE 3	Aerial Map with Local Zoning
FIGURE 4	Local Land Use Map
FIGURE 5	Non-Potable Water Supply Well Location Map

ATTACHMENTS

ATTACHMENT A	Currently Approved Processing and Expansion Areas
ATTACHMENT B	Storage Pad Calculations and Maximum Storage Capacity
ATTACHMENT C	Emergency Procedures Guide and Fire Safety Survey
ATTACHMENT D	WTPF Equipment Specifications
ATTACHMENT E	Financial Assurance Cost Estimate
ATTACHMENT F	Waste Tire Quarterly Progress Report Summary
ATTACHMENT G	WTPF Site Plan

1.0 INTRODUCTION

On behalf of the Hillsborough County Public Works Department, Solid Waste Management Division (SWMD), HDR Engineering, Inc. (HDR) has prepared this Engineering Report (Report) for the permit renewal application of a Waste Tire Processing Facility located at the Hillsborough County Southeast County Landfill (SCLF), 15960 County Road 672, Lithia, Florida (8.8 miles east of U.S. Highway 301 on County Road 672) in Hillsborough County.

1.1 Site Information

The Waste Tire Processing Facility (WTPF) is located north of the Phases I-VI disposal area and west of Sections 7, 8, and 9 of the Capacity Expansion Area (CEA). The WTPF was constructed in 1989 and is operated by the SWMD. The approved footprint of the WTPF covers the existing 13.06-acre tire processing area and a 6.56-acre expansion area to the north. The 13.06-acre tire processing area consists of a 6.02-acre tire processing area and a 7.04-acre for storage of processed tires (tire chips). A maximum storage of 16,106 tons of waste tires is allowed by the Florida Department of Environmental Protection (FDEP) permit No. 126787-004-WT-02. The processed tires are used in the leachate collection cover system; gas system construction; as an alternate daily cover material; as the upper 12-inches of the protective soil layer in landfill bottom liner construction; and, as a supplemental fuel at the Resource Recovery Facility (RRF).

1.1.1 Background and General Information

As part of the permit renewal application submitted to FDEP by Jones Edmunds and Associates, Inc. (JEA), dated June 22, 2009 and subsequent responses, including a Request for Variance dated January 27, 2010, proposed reconfigurations for the WTPF were included for the existing west processed tire storage area and the proposed north processed tire expansion. These reconfigurations included a variance requesting the increase in maximum storage capacity and long-term storage of processed tires. The proposed north processed tire expansion area, which expands the existing waste tire processing and storage area from 13.06 acres to a total of 19.62 acres, and all reconfigurations have been permitted by FDEP but not constructed. These areas are not a part of the existing site conditions. Refer to Attachment A for currently approved processing and expansion areas including reconfigurations and Section 3.0 of this report for additional information on storage capacity.

As part of this permit renewal application, the SWMD will not construct the proposed north processed tire expansion area or the reconfiguration on the existing processed storage area. Reference to the proposed north processed tire expansion area and additional tire pad configurations have been removed from the site plan.

The revised total capacity of the WTPF, including the existing processing area and west processed area, without any reconfigurations provides for storage of 9,645 tons of waste tires.

2.0 WTPF DESIGN

The WTPF includes the tire processing area (whole tires) with a tire shredding area (covered by a metal building), one processed tire storage area (shredded), and facility offices and bathrooms. As part of this permit renewal application, the proposed 6.56-acre north processed tire storage area expansion and all reconfigurations will not be constructed and have been removed from the existing plot plan. Refer to Attachment G for a site plan of the SCLF, including the location of the WTPF. Detailed WTPF site capacity calculations are provided in Attachment B.

2.1 Perimeter Berm and Setbacks

The WTPF includes a perimeter berm, approximately 3 feet high, for channeling stormwater and containing the runoff from a potential fire. Based on the *Permit Modification Application - Proposed Processed Tire, Temporary Storage Facility*, submitted to FDEP by JEA dated November 2006 and subsequent responses, the berm has been designed to contain the runoff from a fire on one pad. The basis for assuming that a fire would be limited to only one pad is from design considerations and pro-active operational measures that will minimize potential fires from spreading.

Given that the storage pads are 50 feet apart to provide a fire access lane, the potential for a fire on two pads at the same time is unlikely. Therefore, the berm height and containment capacity appear to be reasonable assuming that a tire fire would potentially occur on only one pad at a time. No changes to the perimeter berm and setbacks are proposed as part of this permit renewal application and the permitted stormwater design remains valid per the current permit.

The location of wetland boundaries and water wells are provided on Figures 2 and 5, respectively. A 4-inch diameter (380 feet deep) water supply well is located within the WTPF. Other water wells within the SCLF footprint, as shown on Figure 5, are 2-inch diameter and range in depth from 30 to 60 feet. No wetlands are within 200 feet of the WTPF storage area as shown on Figure 2.

2.2 Tire Processing Area (Whole Tire)

Whole tires received at the WTPF are placed on six 50-foot by 200-foot (60,000 total square feet) concrete storage pads. The whole tires are stacked no higher than 15 feet. Each pad can store up to approximately 557 tons of whole tires. Based on pad dimensions and estimated stockpile heights, an estimated total volume of 15,065 cubic yards (cy) or 3,345 tons of whole tires can be stockpiled at the WTPF. Refer to the tire storage pad calculations provided in Attachment B and the WTPF site plan in Attachment G. Whole tires are stored in accordance with the storage requirements listed in Rule 62-711.540 F.A.C.

2.3 Processed Tire Area (Shredded Tire)

2.3.1 West Processed Tire Storage Area

The 7.04-acre processed storage area on the west end portion of the WTPF is accessed from the south side along the berm that surrounds the processed tire storage area. The processed tire storage area includes seven storage pads constructed of an 8-inch thick layer of compacted crushed coquina shell base material. The storage pads are 50 feet wide and no longer than 200 feet. Areas surrounding the storage pads are grassed and the County removes weeds and applies an EPA approved herbicide as needed to keep the storage pads free of grass, underbrush, and other flammable vegetation at all times, as required by Rule 62-711.540(3)(f), F.A.C. A minimum 50-foot fire lane is provided around all sides of each storage pad in accordance with Rule 62-711.540, F.A.C.

The processed tires are stored no higher than 8 feet, with side slopes of approximately 1.5 feet horizontal to 1 foot vertical. Based on current pad dimensions and estimated stockpile heights, an estimated total volume of 14,000 cy or 6,300 tons of processed tires can be stockpiled in the storage pads. Refer to the tire storage pad calculations provided in Attachment B.

The west processed storage area is bermed for channeling stormwater runoff and to contain potential runoff from a fire. The storage of processed tires complies with Rule 62-711.540, F.A.C.

2.3.2 Proposed North Processed Tire Expansion Area

The proposed processed tire expansion area to the north of the existing tire site, including stormwater improvements, were previously approved and permitted under FDEP Permit No. 126787-002-WT/02 as part of Modification Application 126787-003-WT/MM. The purpose of the proposed north processed tire expansion area is to provide additional storage capacity for processed tires required during construction of future Sections of the CEA.

As part of this permit renewal application, the proposed north processed tire storage expansion area and all reconfigurations will not be constructed and have been removed from the renewed permit.

3.0 WTPF MAXIMUM DESIGN CAPACITY

Rule 62-711.530(2)(a) states a waste tire processing facility shall not accept any waste tires for processing if it has reached its permitted storage limit for any category of waste tires, or if the number of waste tires on the site exceeds the quantity estimate in the closing cost estimate. The maximum storage limits that will be set in a waste tire processing facility are 60 times the daily through-put of the processing equipment used for the aggregate of whole tires, processed tires, and residuals; however, whole waste tires shall not exceed 30 times the daily through-put of the processing equipment being used.

As part of this permit renewal application, the revised total capacity of the WTPF, including the existing processing area and west processed area provides for storage of 9,645 tons of waste tires, which is less than 60 times the daily through-put. Refer to maximum storage capacity calculations provided in Attachment B.

Rule 62-711.530(3) states that at least 75% of the whole tires, used tires, and processed tires that are delivered to or are contained on the site of the waste tire processing facility at the beginning of each calendar year shall be processed and removed for disposal or recycling from the facility during the year or disposed on the site at a permitted solid waste management facility.

The SWMD will continue to use processed tires as soon as practicable in construction projects at the SCLF and remove 75% of the whole waste tires accepted to the WTPF in each calendar year.

4.0 STORMWATER DESIGN

The stormwater modifications for the SCLF to include the WTPF expansion have been previously designed by JEA and approved by FDEP as part of the Southeast County Landfill Stormwater Improvements project under the Environmental Resource Permit (ERP) No. 29-0270881-007 dated April 27, 2010 with subsequent modifications dated August 25, 2010.

Construction of the stormwater improvements at the SCLF, not including the WTPF expansion area, was completed in March 2012. Stormwater improvements at the WTPF outfall location (southwest corner) included replacing the existing 30-inch corrugated metal pipe (S-23) with two 8-inch HDPE pipes. The 8-inch HDPE pipes were re-routed to the new sedimentation pond SED-3. This modification provides for additional treatment of runoff from the WTPF in the sedimentation ponds before the runoff enters Basin D.

Additionally, the two 8-inch HDPE discharge pipes are provided with gate valves. In the event of a tire fire, the gate valves will be closed to prevent liquid from leaving the WTPF and entering the stormwater system.

As part of this permit renewal application, the proposed north processed tire storage expansion area and all reconfigurations will not be constructed and have been removed from the site plan. Therefore, the existing stormwater system at the WTPF meets the stormwater runoff needs.

Procedures for managing runoff in the event of a tire fire are provided in the WTPF Emergency Procedures Guide. Refer to the Attachment C for a copy of the Emergency Procedures Guide and Attachment G for the WTPF site plan and layout configurations.

5.0 WTPF OPERATIONS

Vehicles delivering waste tires to the WTPF enter through the SCLF main gate and are weighed at the time of entry and exit from the SCLF to establish the net weight of tires delivered to the WTPF. A sign stating the site operating hours, cost of disposal and site rules is located at the main gate. SWMD employees are responsible for operating and maintaining the WTPF during all hours of operation. SWMD personnel at the WTPF observe the unloading of waste tires and adhere to the storage requirements listed in Rule 62-711.540, F.A.C. No other waste materials are accepted at the WTPF. Haulers with other waste are re-directed to the scales to re-weigh the remaining load without the tires and then directed to the appropriate disposal areas for the materials. Any putrescible material inadvertently received at the WTPF is removed and disposed of in the Class I landfill areas. Refer to Attachment G for the WTPF site plan and layout configurations.

Tires delivered to the WTPF on rims are derimmed before being processed. The side wall slicer is used to remove large beads as needed. Metal residuals are separated for recycling and are stored in two 20-cubic yard containers on the pad nearest the derimming area. The metal parts are hauled by on-site SWMD personnel to a contracted metal recycler in Tampa. When not processed on-site, tires with rims will be removed from the site by a contractor to an off-site FDEP-approved processing facility.

A front-end loader with claw grips picks up the tires and places them next to the tire shredder machine. Each tire is placed on a conveyor which feeds the tires into the tire shredder. The processed (shredded) tires are discharged into an awaiting uni-body truck which transports the processed tires to the scales at the SCLF to be weighed, hauls the processed tires back to the WTPF, unloads the processed tires, and stockpiles the processed tires in the processed tire storage area. The SCLF is authorized to use the processed tires as alternate initial cover in accordance with Operations Permit No. 35435-022-SO/01.

The SCLF uses the processed tires in landfill construction as the leachate collection cover system, gas system construction, upper 12-inches of the protective soil layer in landfill bottom liner construction, and as a supplemental fuel at the Resource Recovery Facility (RRF). When not used on-site, processed tires will be removed from the site by a contractor to an off-site FDEP-approved processing facility.

6.0 WASTE TIRE PROCESSING EQUIPMENT

The tire processing equipment used at the WTPF is listed in Table 6-1. Each engine has the potential to operate 2,080 hours per year (8 hours per day, 5 days per week, and 52 weeks per year). This is a conservative estimate because the tire derimmers are used based on the tire size and none of the engines are operated continuously during a work week. The engines are used as needed to remove rims and cut tires to feed the electric tire shredder. In the event of equipment breakdown, tires will not be accepted at the WTPF and SWMD may contract with a private contractor to remove whole tires from the site to an of-site FDEP-approved processing facility until the equipment is operational again.

Processing rates provided in Table 6-1 are production rates for the equipment only and do not include time to remove and place a new tire in the machine or downtime for maintenance and repairs. Laborers manually place and remove tires and operate the equipment; therefore, the process rate varies, depending on laborer and equipment efficiency. Refer to Attachment D for a copy of the WTPF equipment specifications.

**Table 6-1
Tire Operations Processing Rate Summary**

Equipment	Make / Model	Operating Schedule (hrs/yr)	Max. Hourly Process Rate (tires/hr)	Max. Daily Process Rate (tires/day)	Max. Yearly Process Rate (tires/yr)
Tire Slicer	Eagle Super Slicer Model No. 3CB1-CZPO1	2,080	60	480	124,800
Tire Shredder	Columbus McKinnon Dual Speed Tire Shredder	2,080	1,200 * 200 **	9,600 * 1,600 **	2,496,000 * 416,000 **
Truck Tire Derimmer	Eagle Model No. 3LB1-425499	2,080	120	960	249,600
Tire Derimmer	Eagle Model No. D1105D	2,080	514	4,112	1,069,120
Wheel Crusher	Multitek Model No. WC500, 35HP	2,080	120	960	249,600

Note: * Passenger Tire
** Truck Tire

7.0 VECTOR CONTROL

The Hillsborough County Public Works Department provides mosquito control for the WTPF annually or as requested by the SWMD. Hillsborough County Mosquito Control Services provide spray and granular insecticides as needed depending on the mosquito population.

The WTPF does not accept putrescible waste; therefore, there are no current or anticipated rodent problems. In the event rodents appear to be a problem at the WTPF, the Hillsborough County Facilities Department or a licensed pest control service will be brought to the site to investigate and address the problem.

8.0 REPORTING AND RECORD KEEPING

Operation records, quarterly and annual reports, and annual fire inspection surveys are maintained at the SCLF scale house. In accordance with Rule 62-711.530(4), F.A.C., the SWMD compiles and submits quarterly reports to the FDEP. In accordance with Rule 62-711.540, F.A.C., fire safety surveys are conducted at the property annually and submitted to FDEP with the annual reports. Refer to Attachment F for the Quarterly Report Summary Table listing the annual tonnage of tires received and processed at the WTPF.

The *Southeast County Waste Tire Processing Facility Emergency Preparedness Manual* and the *Hillsborough County Solid Waste Management Division Comprehensive Emergency Management Plan* (CEMP) are kept in the administrative offices/scale house of the SCLF. Refer to Attachment C for a copy of the Emergency Procedures Guide and Fire Safety Survey for the WTPF.

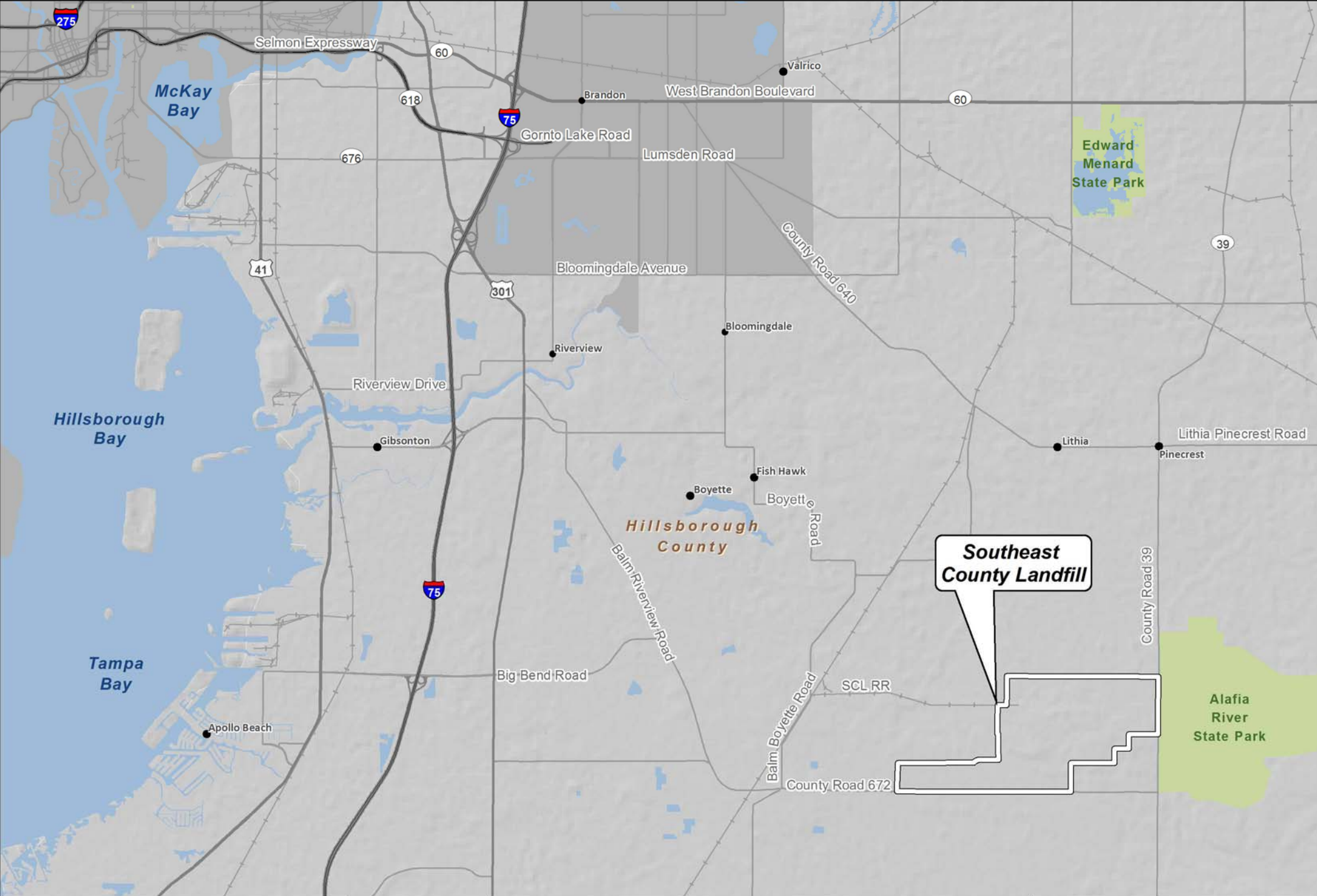
9.0 FINANCIAL ASSURANCE

An updated financial assurance closure cost estimate for the facility was submitted to FDEP by HDR as part of the Operations Permit Renewal dated June 10, 2013. The approved financial assurance closure cost estimate for Phases I-VI, which includes the waste tire facility with a maximum of 16,106 tons of waste tires, has been updated to reflect a new storage capacity of 9,645 tons of waste tires. Refer to Attachment E for updated financial assurance cost estimate for the WTPF.

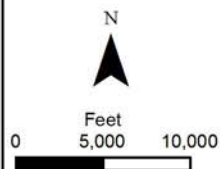
10.0 CLOSURE PLAN

Closure of the WTPF will include stopping public access to the site. Notices to the public will be posted indicating the site is closed and providing the phone number of the SWMD. The FDEP will be notified and upon determination of public access, a 10-week period will be implemented for processing of waste tires and site rehabilitation.

Site rehabilitation will consist of removal and disposal of all processed tires on site. Facility residuals and structures will be removed and the site regraded as necessary. The FDEP will be notified when the site closing and rehabilitation is complete.



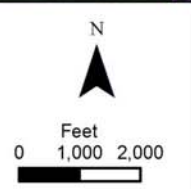
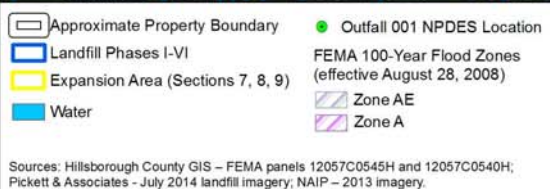
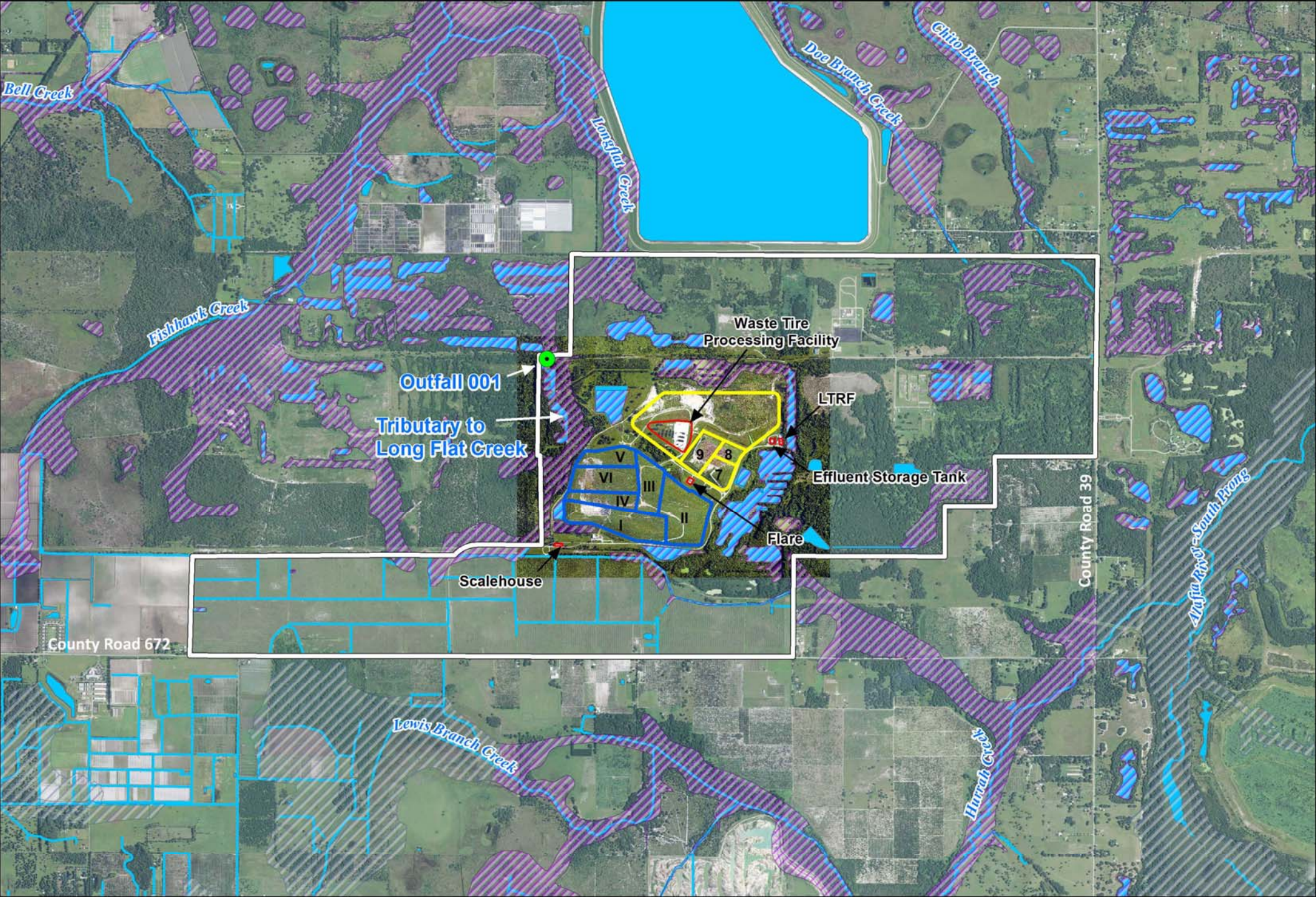
 Approximate Property Boundary



LOCATION OF THE SOUTHEAST COUNTY LANDFILL
HILLSBOROUGH COUNTY, FLORIDA

FIGURE 1





FLOOD PLAIN / SURFACE WATERBODY LOCATION MAP

FIGURE 2

Zone Code	Zone Description
A	Agriculture
AM	Agricultural - Mining
AR	Agricultural - Rural
AS-0.4	Agricultural - Single-Family Estate
PD	Planned Development
PD-MU	Planned Development - Mixed Use



Approximate Property Boundary

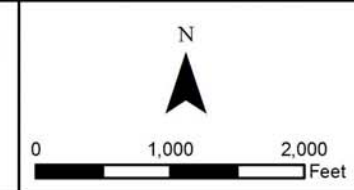
Phase I - VI and Expansion Area (Sections 7, 8, 9) One Mile Buffer

Landfill Phases I-VI

Zoning Designations

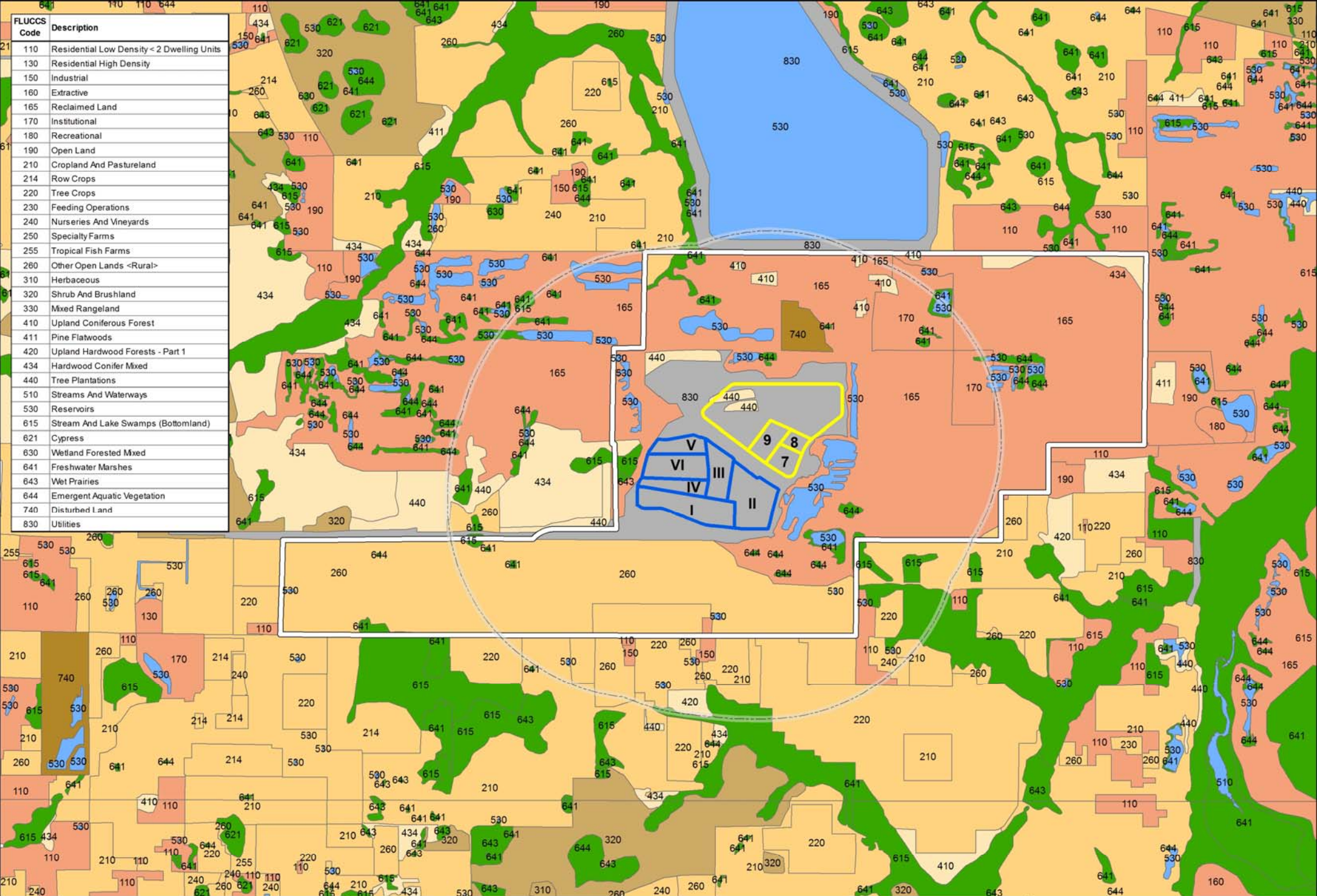
Expansion Area (Sections 7, 8, 9)

Sources: Hillsborough County Property Appraiser - 2015 zoning; Pickett & Associates - July 2014 landfill imagery; NAIP - 2013 background imagery.



AERIAL MAP WITH LOCAL ZONING

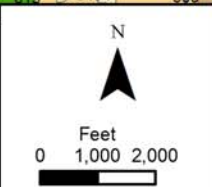
FIGURE 3



Approximate Property Boundary
 Phases I - VI and Expansion Area (Sections 7, 8, 9) - One Mile Buffer
 Landfill Phases I-VI
 Expansion Area (Sections 7, 8, 9)

SWFWMD Land Use Categories
 Agriculture
 Barren Land
 Rangeland
 Upland Forest
 Urban and Built-Up
 Utilities
 Water
 Wetlands

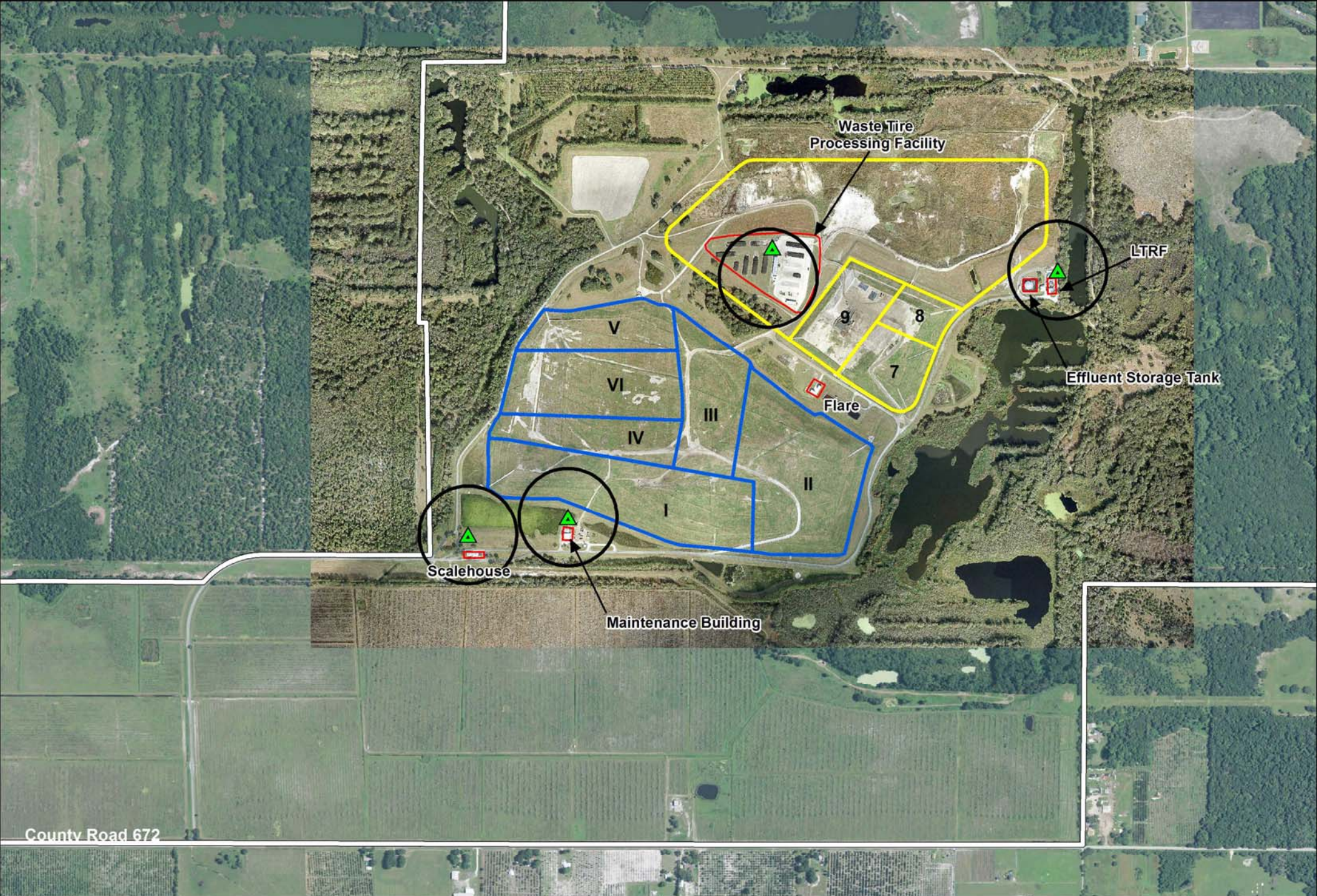
Source: SWFWMD - 2011 Land Use.



LOCAL LAND USE MAP

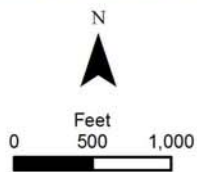
FIGURE 4





- Approximate Property Boundary
- Landfill Phases I-VI
- Expansion Area (Sections 7, 8, 9)
- ▲ Supply Wells (Non-potable for Landfill Operations)
- 500 Foot Buffer

Sources: Pickett & Associates - July 2014 landfill imagery;
 NAIP - 2013 background imagery.



NON-POTABLE WATER SUPPLY WELLS LOCATION MAP

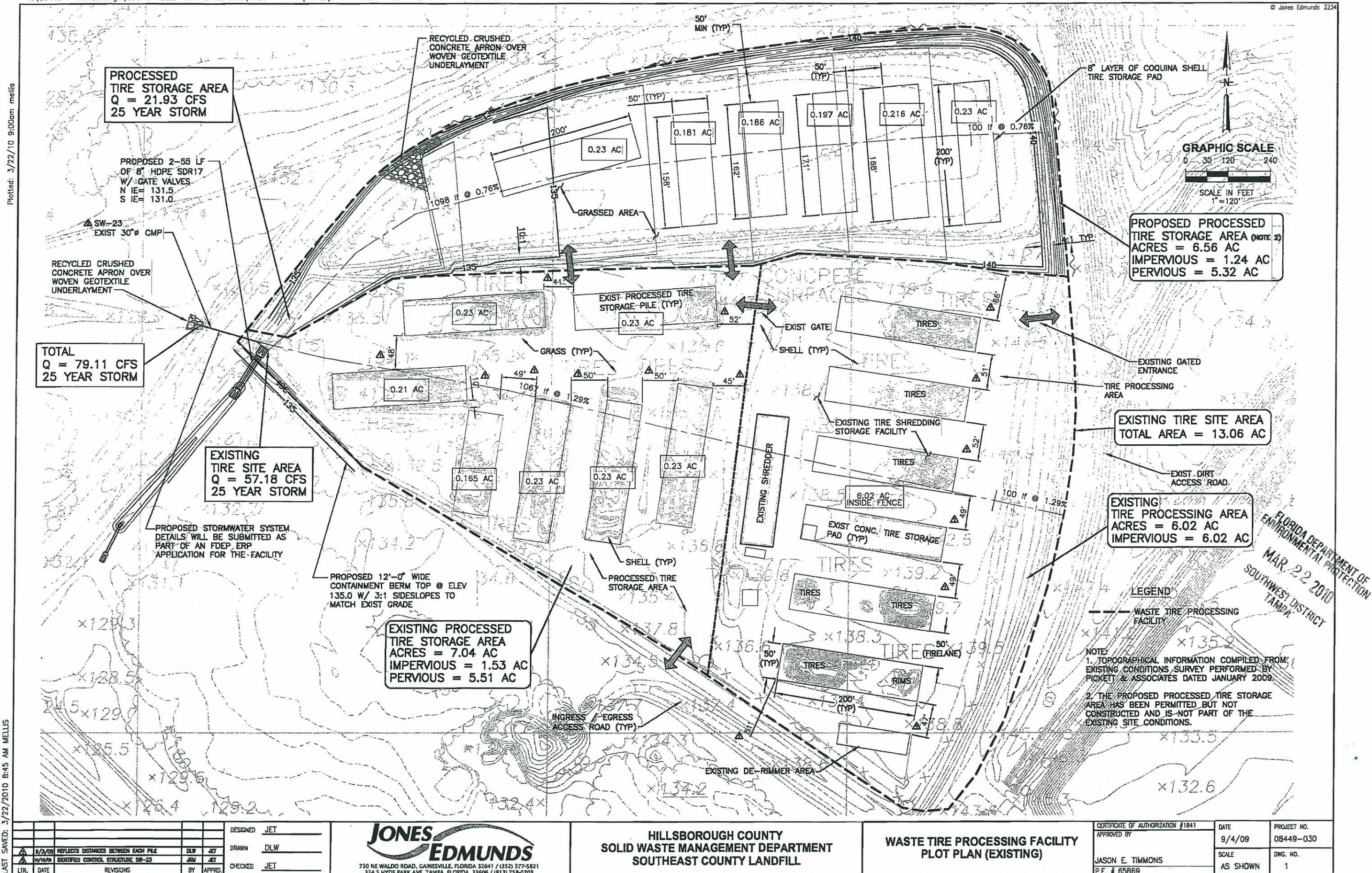
FIGURE 5



ATTACHMENT A
Currently Approved Processing and Expansion Areas

Plotted: 3/22/10 9:00am mellis

LAST SAVED: 3/22/2010 8:45 AM MELLIS





JONES EDMUNDS
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
324 S HYDE PARK AVE. TAMPA, FLORIDA 33606 / (813) 258-0703

**WASTE TIRE PROCESSING FACILITY
PLOT PLAN (RECONFIGURATION)**

CERTIFICATE OF AUTHORIZATION #1841	DATE	PROJECT NO.
APPROVED BY	9/4/09	08449-030
JASON E. TIMMONS	SCALE	DWG. NO.
P.E. # 65869	AS SHOWN	1

ATTACHMENT B
Storage Pad Calculations and
Maximum Storage Capacity

HDR

Computation

Job No. 100-243250 Calc No. 1 of 2

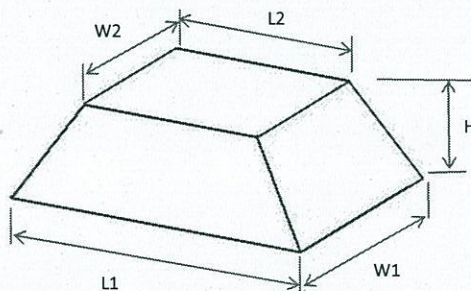
Project	SCLF Waste Tire Processing Facility	Computed	CAR	Date	3/27/2015
Subject	Permit Renewal Application	Reviewed	RBC	Date	4/13/15
Task	Pad Dimmensions and Volumes				

Whole Tire Storage Area (Existing)

Pads	1	2	3	4	5	6
Area (acre) ¹	0.23	0.23	0.23	0.23	0.23	0.23
Bottom (ft)						
Width W1	50.00 ✓	50.00	50.00	50.00	50.00	50.00
Length L1	200.00 ✓	200.00 ✓	200.00 ✓	200.00 ✓	200.00 ✓	200.00 ✓
Fill Height (ft)						
Height H	15.00 ✓	15.00	15.00	15.00	15.00	15.00
Top (ft)						
Width W2	5.00 ✓	5.00	5.00	5.00	5.00	5.00
Length L2	155.00 ✓	155.00	155.00	155.00	155.00	155.00
Pad Volume without void Space ²						
Vol (ft ³)	67,794.41 ✓	67,794.41	67,794.41	67,794.41	67,794.41	67,794.41
Vol (yd ³)	2,510.90 ✓	2,510.90	2,510.90	2,510.90	2,510.90	2,510.90
Tires/Pad ³	25,109.04 ✓	25,109.04	25,109.04	25,109.04	25,109.04	25,109.04
Storage/Pad (lb) ⁴	1,114,841.42 ✓	1,114,841.42	1,114,841.42	1,114,841.42	1,114,841.42	1,114,841.42
Storage/Pad (ton)	557.42 ✓	557.42	557.42	557.42	557.42	557.42
Total Tire Volume (yd³)	15,065.42 ✓					
Total Tire Storage (tons)	3,344.52 ✓					
Total Tire Storage (ft²)	60,000.00 ✓					

Notes:

1. Refer to WTPF Site Plan and Layout Configurations for Pad Dimmensions (Attachment G)
2. Pad Volume based on a frustum of a pyramid formula. Assume side slopes are 1.5 horizontal to 1 vertical
3. Based on 10 tires/yd³. Conversion factor from Rubber Manufacturers Association (Attachment B)
4. Storage/Pad based on a weight of 44.4 lbs. Assume tires received include 25% truck and 75% passenger (Attachment B)



$$Volume = \left(\frac{H}{3}\right) [(W1 \times L1) + (W2 \times L2) + \sqrt{(W1 \times L1) \times (W2 \times L2)}]$$

Computation

Job No. 100-243250 Calc No. 2 of 2

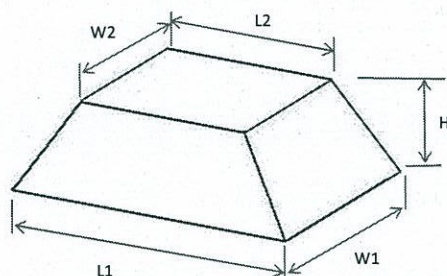
Project	SCLF Waste Tire Processing Facility	Computed	CAR	Date	3/27/2015
Subject	Permit Renewal Application	Reviewed	RBC	Date	4/13/15
Task	Pad Dimensions and Volumes				

West Processed Tire Storage Area (Existing)

Pads	1	2	3	4	5	6	7
Area (acre) ¹	0.215	0.166	0.230	0.230	0.230	0.230	0.230
Bottom (ft)							
Width W1	50.00	50.00	50.00	50.00	50.00	50.00	50.00
Length L1	187.50	144.40	200.00	200.00	200.00	200.00	200.00
Fill Height (ft)							
Height H	8.00	8.00	8.00	8.00	8.00	8.00	8.00
Top (ft)							
Width W2	26.00	26.00	26.00	26.00	26.00	26.00	26.00
Length L2	163.50	120.40	176.00	176.00	176.00	176.00	176.00
Pad Volume without void Space ²							
Vol (ft ³)	53,170.49	40,278.67	56,908.30	56,908.30	56,908.30	56,908.30	56,908.30
Vol (yd ³)	1,969.28	1,491.80	2,107.71	2,107.71	2,107.71	2,107.71	2,107.71
Storage/Pad (lb) ³	1,772,349.61	1,342,622.42	1,896,943.45	1,896,943.45	1,896,943.45	1,896,943.45	1,896,943.45
Storage/Pad (ton)	886.17	671.31	948.47	948.47	948.47	948.47	948.47
Total Tire Volume (yd ³)	13,999.65						
Total Tire Storage (tons)	6,299.84						
Total Tire Storage (ft ²)	66,595.00						

Notes:

1. Refer to WTPF Site Plan and Layout Configurations for Pad Dimensions (Attachment G)
2. Pad Volume based on a frustum of a pyramid formula. Assume side slopes are 1.5 horizontal to 1 vertical
3. Storage/Pad based on a loosely packed density of 900 lb/yd³ (Rubber Manufacturers Association, Attachment B)



$$Volume = \left(\frac{H}{3}\right) [(W1 \times L1) + (W2 \times L2) + \sqrt{(W1 \times L1) \times (W2 \times L2)}]$$

Computation

Job No. 100-243250 Calc No. 1 of 1

Project	SCLF Waste Tire Processing Facility	Computed	CAR	Date	3/27/2015
Subject	Permit Renewal Application	Reviewed	RBC	Date	4/13/15
Task	Maximun Storage Capacity				

Task:

Confirm the WTPF complies with the maximum storage limits set forth in Rule 62-711.530(2), F.A.C.

Given:

Rule 62-711.530(2)(a) states that the maximum storage limits that will be set in a waste tire processing facility are 60 times the daily through-put of the processing equipment used for the aggregate of whole tires, processed waste tires, and residuals; however, whole waste tires shall not exceed 30 times the daily through-put of the processing equipment being used

Known:

Processing equipment used is Columbus-McKinnon Shredder with a processing rate of 12 tons of tires per hour (max capacity*)

Results:

60 times daily through-put of processing equipment
 (8 hours /day)(1,200 tires / hour) = 9,600 tires / day
 60 x 9,600 tires / day = 576,000 tires
 (576,000 tires) (44.4 lbs / tire**) (ton / 2,000 lb) = **12,787 tons** ✓

The WTPF storage of 6,300 tons of shredded tires does not exceed 60 times the daily through-put of the processing equipment

30 times daily through-put of processing equipment
 (8 hours /day)(1,200 tires / hour) = 9,600 tires / day
 30 x 9,600 tires / day = 288,000 tires
 (288,000 tires) (44.4 lbs / tire**) (ton / 2,000 lb) = **6,394 tons** ✓

The WTPF storage of 3,345 tons of whole waste tire does not exceed 30 times the daily through-put of the processing equipment

Notes:

* Columbus McKinnon production rate per Specifications (Attachment D)

** Based on a weight of 44.4 lbs. (Attachment B)

Scrap Tire Characteristics

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SCRAP TIRES

Scrap Tires and the Environment

Scrap Tire Markets

- Facts & Figures
- Scrap Tire Characteristics

Conferences and Events

State Issues

US-Mexico Border Issues

1. Typical Materials Composition of a Tire
2. Typical Composition by Weight
3. Densities of Shredded and Whole Tires
4. Rubber weight by tire component.
5. Steel Tire Cord Analysis

1. Typical Materials Composition of a Tire

This table lists the typical types of materials used to manufacture tires.

Typical Composition of a Tire

Synthetic Rubber
 Natural Rubber
 Sulfur and sulfur compounds
 Silica
 Phenolic resin
 Oil: aromatic, naphthenic, paraffinic
 Fabric: Polyester, Nylon, Etc.
 Petroleum waxes
 Pigments: zinc oxide, titanium dioxide, etc.
 Carbon black
 Fatty acids
 Inert materials
 Steel Wire

2. Typical Composition by Weight

This lists the major classes of materials used to manufacture tires by the percentage of the total weight of the finished tire that each material class represents.

Passenger Tire

Natural rubber	14 %
Synthetic rubber	27%
Carbon black	28%
Steel	14 - 15%
Fabric, fillers, accelerators, antiozonants, etc.	16 - 17%
Average weight:	New 25 lbs., Scrap 22.5 lbs.

Assume tire weight:

75% passenger tire

$$75\% (22.5 \text{ lbs}) = 16.9 \text{ lbs}$$

Truck Tire

Natural rubber	27 %
Synthetic rubber	14%
Carbon black	28%
Steel	14 - 15%
Fabric, fillers, accelerators, antiozonants, etc.	16 - 17%
Average weight:	New 120 lbs., Scrap 110 lbs.

25% truck tire

$$25\% (110 \text{ lbs}) = 27.5 \text{ lbs}$$

$$44.4 \text{ lbs}$$

3. Densities of Shredded and Whole Tires

Use 900 lbs/yd³

APPROXIMATE DENSITIES		
LOOSELY PACKED		DENSELY PACKED
550-600 lbs/yd ³	single pass	1220-1,300 lbs/yd ³
850-950 lbs/yd ³	2" shred	1,350-1,450 lbs/yd ³
1,000-1,100 lbs/yd ³	1 1/2" shred	1,500-1,600 lbs/yd ³
100/10Yd ³	WHOLE TIRES (PASSENGER/LIGHT TRUCK)	500/10Yd ³
	10 MESH- 29 lbs/ft ³	
	20 MESH- 28 lbs/ft ³	
	30 MESH- 28 lbs/ft ³	
	40 MESH- 27 lbs/ft ³	
	80 MESH- 25-26 lbs/ft ³	

4. Rubber weight by tire component.

A tire is manufactured from several separate components, such as tread, innerliner, beads, belts, etc. This table shows which components account for the rubber used to make the tire.

RUBBER PERCENT BY WEIGHT IN A NEW RADIAL PASSENGER TIRE

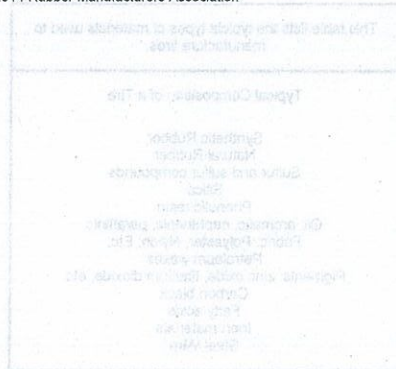
TREAD	32.6%
BASE	1.7%
SIDEWALL	21.9%
BEAD APEX	5.0%
BEAD INSULATION	1.2%
FABRIC INSULATION	11.8%
INSULATION OF STEEL CORD	9.5%
INNERLINER	12.4%
UNDERCUSHION	3.9%
	100.0%

5. Steel Tire Cord Analysis

The tire industry uses ASTM 1070 and above tire cord quality wire rod in the manufacture of new tires. There are approximately 2.5 pounds of steel belts and bead wire in a passenger car tire.

[SITE MAP](#) | [CONTACT US](#)

© 2014 Rubber Manufacturers Association



1. Typical Composition by Weight

This table lists the major classes of materials used in the manufacture of tires. The weight of each material is given as a percentage of the total weight of the tire.

2. Passenger Tire

Material	Weight (%)
Carbon black	32.6
Synthetic rubber	3.9
Steel	1.2
Other	1.7
Total	39.4

3. Truck Tire

Material	Weight (%)
Carbon black	32.6
Synthetic rubber	3.9
Steel	1.2
Other	1.7
Total	39.4

4. Division of Division and Whole Tires

Material	Weight (%)
Carbon black	32.6
Synthetic rubber	3.9
Steel	1.2
Other	1.7
Total	39.4

ATTACHMENT C
Emergency Procedures Guide and Fire Safety Survey

SOUTHEAST COUNTY WASTE TIRE PROCESSING FACILITY EMERGENCY PROCEDURES

IN CASE OF FIRE:

A. SMALL FIRES

1. Contact the Hillsborough County Solid Waste Management representatives immediately.
2. The gate valves on the two 8" HDPE pipes will be closed to prevent liquid runoff from entering the stormwater Basin D.
3. Notify the Fire Department in case the situation cannot be managed in-house.
4. Remove all vehicles from the immediate area.
5. Separate the unburned tires using a front end loader (or other on-site available equipment).
6. Utilize the on-site water wagon to extinguish the fire.
7. Place sand on the tires that are on fire to smother the fire. An active borrow area with equipment is located immediately to the east of the Waste Tire Processing Facility (WTPF). Sand also will be used to absorb water and oily residue.
8. Clean up and dispose of sandy and oily residue following the contingency plan as described in the operations plan. The contaminated sand will be disposed of in the on-site landfill.

B. LARGE FIRES

1. Immediately contact the Hillsborough County Fire Department.
2. The gate valves on the two 8" HDPE pipes will be closed to prevent liquid runoff from entering the stormwater Basin D.
3. Remove all vehicles from the immediate area.
4. Contact the Hillsborough County Solid Waste Management representatives immediately.
5. Begin containment measures to minimize spreading of the fire and containing residue from the burning tires by digging a swale around the area (this will be supplemented with a berm, but by excavating a swale, this will provide immediate containment capabilities with on-site equipment), separating the unburned tires using a front end loader to lessen the potential for additional tires to catch on fire, and placement of a berm around the area for containment.

6. Utilize the water wagon to contain the fire until the Fire Department arrives (only if worker safety is not at risk).
7. Place sand on the tires that are on fire to smother the fire. An active borrow area with equipment is located immediately to the east of the WTPF. Sand also will be used to absorb water and oily residue.
8. Clean up and dispose of sand and oily residue following the contingency plan as described in the operations plan. The contaminated sand will be disposed of in the on-site landfill.

In order to properly manage a fire emergency, the WTPF has been provided with the emergency procedures, as well as a cellular telephone for on and off-site communications. The WTPF is located at the Southeast County Class I Landfill, which is equipped with bulldozers, front-end loaders, scrapers and other such equipment, which is available for use in any emergency. Soil is available on site within 100 feet of the WTPF. If needed, the soil may be used for smothering a fire.

In accordance with Waste Tire Rule 62-711.540(1)(f), the operator of the site shall notify the Florida Department of Environmental Protection in the event of a fire or other emergency, which poses an unanticipated threat to the public health or environment. Within two weeks of any emergency, a written report detailing the emergency actions taken to resolve the emergency and a review of the situation will be sent to the following:

Florida Department of Environmental Protection
Waste Management Division
13051 North Telecom Parkway
Temple Terrace, Florida 33637

Hillsborough County
Environmental Protection Commission
3629 Queen Palm Drive
Tampa, Florida 33619

C. EMERGENCY PHONE NUMBERS

NAME	DURING OPERATING HOURS	AFTER OPERATING HOURS
EMERGENCY	911	911
Larry Ruiz Manager, Landfill Operations Hillsborough County Solid Waste	813-671-7707	813-449-3229
Ernest Ely District Manager Waste Management	813-637-9203	813-918-5804
FDEP Florida Department of Environmental Protection	813-632-7600	1-800-320-0519 (Emergency Response)
HCEPC Hillsborough County Environmental Protection Commission	813-627-2600	813-627-2600

D. NATURAL DISASTERS

In the event of a flood, hurricane or other natural disaster, the procedures in the Solid Waste Management Division's Comprehensive Emergency Plan (CEMP) will be immediately implemented. The CEMP is a general document that is applicable to all facilities operated by the SWMD and contains applicable and specific procedures that can be applied to the operations of the WTPF. The following sections from the CEMP are still the governing document for the facility.

- To the extent possible, SWMD sites will secure all equipment to protect it from flying debris or becoming flying debris.
- All gasoline powered equipment must be topped off with fuel.



HILLSBOROUGH COUNTY FIRE RESCUE
2709 E. HANNA AVENUE
TAMPA, FLORIDA 33610
PH: (813) 744-5541
FAX: (813) 744-5794
Survey: <https://www.surveymonkey.com/s/FireInspectionSurvey>

Reinsp 0 First - No Charge Assigned To GLORIOSO, Richard on 02/20/2015

Start Date:
Business Name: HC SOUTH EAST LAND FILL
Address: 15960 C.R. 672 Unit No: LAETCH
City/State/Zip: LITHIA, FL 33547

Finish Date:
Occupancy ID: 52465
Station No.: Station 03
Business Phone: (813)671-7707

<u>Complex Info</u>	<u>Main Floor</u>	<u>Stories</u>	<u>Estimated Values</u>
Commercial Units: 1	Length: 0	Above Grade: 1	Property: \$0.00
Residential Units: 0	Width: 0	Below Grade: 0	Content: \$0.00
Complex Type: 4	Area: 3,750	Upper Construction: -	
Complex:	Construction: -		

Occupancy Use: 40-INDUSTRIAL - 40-Industrial Occupanci	Roof Type: -
Property Uses: 919 - Dump, sanitary landfill	Roof Material: -
Building Style: -	Roof Access:
Building Status: 2 - In normal use	Inspection Fee: \$0.00
Construction Type: -	Invoice Nbr: N/A
Detector Type: -	Occupant Load: 37
Power Supply: -	
Auto. Extinguisher: -	
Year of Construction: 0	

Codes are referenced from the Florida Fire Prevention Code and Hillsborough County ordinance.

You have 10 business days to appeal this Notice of Violation, by sending a letter to the Fire Marshal's Office at 2709 E. Hanna Avenue, Tampa, Florida 33610. For information regarding the Administrative Appeals Process please contact the Fire Marshal's Office at (813)744-5541.

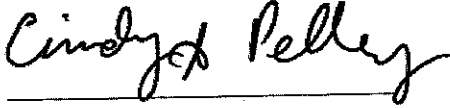
<u>Violations</u>	<u>Date Found</u>	<u>Date Cleared</u>	<u>Standard/Reference</u>
ELECTRICAL			
Open slots in panel:	01/20/2015	02/20/2015	
Unused openings shall be closed to afford protection substantially equivalent to the wall of the equipment in accordance with NFPA 70, Art. 110.12. AS PER NATIONAL FIRE PROTECTION ASSOCIATION 70. IN PANEL BOX HP BY WATER COOLER PROVIDE BREAKER SPACER IN EACH OPEN SLOT.			
EGRESS			
Emergency lighting repair:	01/20/2015	02/20/2015	
Repair or replace emergency lighting in accordance with NFPA 101, 4.6.13. AS PER NATIONAL FIRE PROTECTION ASSOCIATION 101 CHAPTER 4.6.13. REPAIR OR REPLACE ALL EMERGENCY LIGHTS THAT DO NOT WORK.			
1-A NO FINDING			
No Findings/Violations:	02/20/2015	02/20/2015	
No violations noted for this inspection.			

Reinsp 0 First - No Charge Assigned To GLORIOSO, Richard on 02/20/2015

Start Date:
Business Name: HC SOUTH EAST LAND FILL
Address: 15960 C.R. 672 Unit No: LAETCH
City/State/Zip: LITHIA, FL 33547

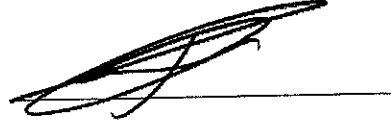
Finish Date:
Occupancy ID: 52465
Station No.: Station 03
Business Phone: (813)671-7707

Recipient:



CINDY PELLEY

Inspector



Richard Glorioso

Re-Inspection Date: _____

ABOVE VIOLATIONS MAY CAUSE FIRE, CONTRIBUTE TO THE SPREAD OF FIRE, OR CAUSE UNDUE INJURY IN THE EVENT OF FIRE. VIOLATIONS MUST BE CORRECTED IMMEDIATELY.

*FAILURE TO COMPLY BY REINSPECTION DATE WILL RESULT IN ADDITIONAL FEES AND MAY RESULT IN THE FILING OF CRIMINAL OR CIVIL ACTION.



HILLSBOROUGH COUNTY FIRE RESCUE
2709 E. HANNA AVENUE
TAMPA, FLORIDA 33610
PH: (813) 744-5541
FAX: (813) 744-5794
Survey: <https://www.surveymonkey.com/s/FireInspectionSurvey>

Reinsp 0 First - No Charge Assigned To GLORIOSO, Richard on 02/20/2015

Start Date:
Business Name: HC SOUTH EAST LAND FILL
Address: 15960 C.R. 672 Unit No: MAIN OFFICE
City/State/Zip: LITHIA, FL 33547

Finish Date:
Occupancy ID: 52446
Station No.: Station 03
Business Phone: (813)671-7707

<u>Complex Info</u>	<u>Main Floor</u>	<u>Stories</u>	<u>Estimated Values</u>
Commercial Units: 1	Length: 0	Above Grade: 1	Property: \$0.00
Residential Units: 0	Width: 0	Below Grade: 0	Content: \$0.00
Complex Type: 4	Area: 3,875	Upper Construction: -	
Complex:	Construction: -		

Occupancy Use: 39-BUS-EXIST - 39-Existing Business Occ	Roof Type: -
Property Uses: 599 - Business office	Roof Material: -
Building Style: -	Roof Access:
Building Status: 2 - In normal use	Inspection Fee: \$0.00
Construction Type: -	Invoice Nbr: N/A
Detector Type: -	Occupant Load: 38
Power Supply: -	
Auto. Extinguisher: -	
Year of Construction: 0	

Codes are referenced from the Florida Fire Prevention Code and Hillsborough County ordinance.

You have 10 business days to appeal this Notice of Violation, by sending a letter to the Fire Marshal's Office at 2709 E. Hanna Avenue, Tampa, Florida 33610. For information regarding the Administrative Appeals Process please contact the Fire Marshal's Office at (813)744-5541.

<u>Violations</u>	<u>Date Found</u>	<u>Date Cleared</u>	<u>Standard/Reference</u>
EGRESS			
Emergency lighting repair:	01/20/2015	02/20/2015	
Repair or replace emergency lighting in accordance with NFPA 101, 4.6.13. AS PER NATIONAL FIRE PROTECTION ASSOCIATION 101 CHAPTER 4.6.13. REPAIR OR REPLACE EMERGENCY LIGHTS THAT DO NOT WORK THROUGHOUT THE FACILITY.			
FYI: COME UP WITH A MAINTENANCE PLAN TO HAVE EMERGENCY AND EXIT SIGNS CHECKED ALONG WITH FIRE EXTINGUISHER ON A MONTHLY PLAN.			
Exit sign not illuminated:	01/20/2015	02/20/2015	
Exit signs shall be suitably illuminated by a reliable light source in both normal and emergency mode in accordance with NFPA 101, 7.10.5. Repair or replace exit sign. AS PER NATIONAL FIRE PROTECTION ASSOCIATION 101 CHAPTER 7.10.5. REPAIR OR REPLACE ALL EXIT SIGNS THAT DO NOT WORK THROUGHOUT THE FACILITY.			
1-A NO FINDING			
No Findings/Violations:	02/20/2015	02/20/2015	
No violations noted for this inspection.			

Reinsp 0 First - No Charge Assigned To GLORIOSO, Richard on 02/20/2015

Start Date:
Business Name: HC SOUTH EAST LAND FILL
Address: 15960 C.R. 672 Unit No: MAIN OFFICE
City/State/Zip: LITHIA, FL 33547

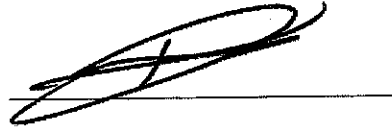
Finish Date:
Occupancy ID: 52446
Station No.: Station 03
Business Phone: (813)671-7707

Recipient:



CINDY PELLEY

Inspector



Richard Glorioso

Re-Inspection Date: _____

ABOVE VIOLATIONS MAY CAUSE FIRE, CONTRIBUTE TO THE SPREAD OF FIRE, OR CAUSE UNDUE INJURY IN THE EVENT OF FIRE. VIOLATIONS MUST BE CORRECTED IMMEDIATELY.

*FAILURE TO COMPLY BY REINSPECTION DATE WILL RESULT IN ADDITIONAL FEES AND MAY RESULT IN THE FILING OF CRIMINAL OR CIVIL ACTION.



HILLSBOROUGH COUNTY FIRE RESCUE
2709 E. HANNA AVENUE
TAMPA, FLORIDA 33610
PH: (813) 744-5541
FAX: (813) 744-5794
Survey: <https://www.surveymonkey.com/s/FireInspectionSurvey>

Annual Insp 00-5k SF Assigned To GLORIOSO, Richard on 01/20/2015

Start Date:
Business Name: HC SOUTH EAST LANDFILL
Address: 15960 C.R. 672 Unit No: BATH RM
City/State/Zip: LITHIA, FL 33547

Finish Date:
Occupancy ID: 51824
Station No.: Station 03
Business Phone: (813)671-7707

<u>Complex Info</u>	<u>Main Floor</u>	<u>Stories</u>	<u>Estimated Values</u>
Commercial Units: 1	Length: 0	Above Grade: 1	Property: \$0.00
Residential Units: 0	Width: 0	Below Grade: 0	Content: \$0.00
Complex Type: 4	Area: 320	Upper Construction: -	
Complex:	Construction: -		

Occupancy Use: 39-BUS-EXIST - 39-Existing Business Occ	Roof Type: -
Property Uses: -	Roof Material: -
Building Style: -	Roof Access: -
Building Status: 2 - In normal use	Inspection Fee: \$45.00
Construction Type: -	Invoice Nbr: 13-004517
Detector Type: -	Occupant Load: 3
Power Supply: -	
Auto. Extinguisher: -	
Year of Construction: 0	

Codes are referenced from the Florida Fire Prevention Code and Hillsborough County ordinance.

You have 10 business days to appeal this Notice of Violation, by sending a letter to the Fire Marshal's Office at 2709 E. Hanna Avenue, Tampa, Florida 33610. For information regarding the Administrative Appeals Process please contact the Fire Marshal's Office at (813)744-5541.

<u>Violations</u>	<u>Date Found</u>	<u>Date Cleared</u>	<u>Standard/Reference</u>
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1-A NO FINDING

No Findings/Violations:

01/20/2015

01/20/2015

No violations noted for this inspection.

FIRE INSPECTION FOR HC SOUTH EAST LAND FILL NO NOTED DEFICIENCIES.

Recipient:

Inspector

SIGNATURE ON MAIN OFFICE REPORT

Richard Glorioso

Re-Inspection Date: _____

Annual Insp 00-5k SF Assigned To GLORIOSO, Richard on 01/20/2015

Start Date:
Business Name: HC SOUTH EAST LANDFILL
Address: 15960 C.R. 672 Unit No: BATH RM
City/State/Zip: LITHIA, FL 33547

Finish Date:
Occupancy ID: 51824
Station No.: Station 03
Business Phone: (813)671-7707

ABOVE VIOLATIONS MAY CAUSE FIRE, CONTRIBUTE TO THE SPREAD OF FIRE, OR CAUSE UNDUE INJURY IN THE EVENT OF FIRE. VIOLATIONS MUST BE CORRECTED IMMEDIATELY.

***FAILURE TO COMPLY BY REINSPECTION DATE WILL RESULT IN ADDITIONAL FEES AND MAY RESULT IN THE FILING OF CRIMINAL OR CIVIL ACTION.**



HILLSBOROUGH COUNTY FIRE RESCUE
2709 E. HANNA AVENUE
TAMPA, FLORIDA 33610
PH: (813) 744-5541
FAX: (813) 744-5794
Survey: <https://www.surveymonkey.com/s/FireInspectionSurvey>

Annual Insp 05-10k SF Assigned To GLORIOSO, Richard on 01/20/2015

Start Date:
Business Name: HC SOUTH EAST LANDFILL
Address: 15960 C.R. 672 Unit No: GARAGE
City/State/Zip: BALM, FL 33598

Finish Date:
Occupancy ID: 38741
Station No.: Station 03
Business Phone: (813)671-7707

<u>Complex Info</u>	<u>Main Floor</u>	<u>Stories</u>	<u>Estimated Values</u>
Commercial Units: 1	Length: 0	Above Grade: 1	Property: \$0.00
Residential Units: 0	Width: 0	Below Grade: 0	Content: \$0.00
Complex Type: 4	Area: 8,125	Upper Construction: -	
Complex:	Construction: -		

Occupancy Use: 40-INDUSTRIAL - 40-Industrial Occupanc	Roof Type: -
Property Uses: -	Roof Material: -
Building Style: -	Roof Access:
Building Status: 2 - In normal use	Inspection Fee: \$58.00
Construction Type: -	Invoice Nbr: 13-004517
Detector Type: -	Occupant Load: 81
Power Supply: -	
Auto. Extinguisher: -	
Year of Construction: 0	

Codes are referenced from the Florida Fire Prevention Code and Hillsborough County ordinance.

You have 10 business days to appeal this Notice of Violation, by sending a letter to the Fire Marshal's Office at 2709 E. Hanna Avenue, Tampa, Florida 33610. For information regarding the Administrative Appeals Process please contact the Fire Marshal's Office at (813)744-5541.

<u>Violations</u>	<u>Date Found</u>	<u>Date Cleared</u>	<u>Standard/Reference</u>
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1-A NO FINDING

No Findings/Violations:

01/20/2015

01/20/2015

No violations noted for this inspection.

FIRE INSPECTION FOR HC SOUTH EAST LAND FILL NO NOTED DEFICIENCIES.

Recipient:

Inspector

SIGNATURE ON MAIN OFFICE REPORT

Richard Glorioso

Re-Inspection Date: _____

Annual Insp 05-10k SF Assigned To GLORIOSO, Richard on 01/20/2015

Start Date:

Finish Date:

Business Name: HC SOUTH EAST LANDFILL
Address: 15960 C.R. 672 Unit No: GARAGE
City/State/Zip: BALM, FL 33598

Occupancy ID: 38741
Station No.: Station 03
Business Phone: (813)671-7707

ABOVE VIOLATIONS MAY CAUSE FIRE, CONTRIBUTE TO THE SPREAD OF FIRE, OR CAUSE UNDUE INJURY IN THE EVENT OF FIRE. VIOLATIONS MUST BE CORRECTED IMMEDIATELY.

***FAILURE TO COMPLY BY REINSPECTION DATE WILL RESULT IN ADDITIONAL FEES AND MAY RESULT IN THE FILING OF CRIMINAL OR CIVIL ACTION.**



HILLSBOROUGH COUNTY FIRE RESCUE
2709 E. HANNA AVENUE
TAMPA, FLORIDA 33610
PH: (813) 744-5541
FAX: (813) 744-5794
Survey: <https://www.surveymonkey.com/s/FireInspectionSurvey>

Annual Insp 00-5k SF Assigned To GLORIOSO, Richard on 01/20/2015

Start Date:
Business Name: HC SOUTH EAST LAND FILL
Address: 15960 C.R. 672 Unit No: LFG FLARE
City/State/Zip: LITHIA, FL 33547

Finish Date:
Occupancy ID: 52467
Station No.: Station 03
Business Phone: (813)671-7707

<u>Complex Info</u>	<u>Main Floor</u>	<u>Stories</u>	<u>Estimated Values</u>
Commercial Units: 1	Length: 40	Above Grade: 1	Property: \$0.00
Residential Units: 0	Width: 30	Below Grade: 0	Content: \$0.00
Complex Type: 4	Area: 1,200	Upper Construction: -	
Complex:	Construction: -		

Occupancy Use: 40-INDUSTRIAL - 40-Industrial Occupanci	Roof Type: -
Property Uses: 614 - Steam or heat generating plant	Roof Material: -
Building Style: -	Roof Access:
Building Status: 5 - Vacant and secured	Inspection Fee: \$45.00
Construction Type: -	Invoice Nbr: 13-004517
Detector Type: -	Occupant Load: 12
Power Supply: -	
Auto. Extinguisher: -	
Year of Construction: 0	

Codes are referenced from the Florida Fire Prevention Code and Hillsborough County ordinance.

You have 10 business days to appeal this Notice of Violation, by sending a letter to the Fire Marshal's Office at 2709 E. Hanna Avenue, Tampa, Florida 33610. For information regarding the Administrative Appeals Process please contact the Fire Marshal's Office at (813)744-5541.

<u>Violations</u>	<u>Date Found</u>	<u>Date Cleared</u>	<u>Standard/Reference</u>
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1-A NO FINDING

No Findings/Violations:	01/20/2015	01/20/2015	
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No violations noted for this inspection.

FIRE INSPECTION FOR HC SOUTH EAST LAND FILL NO NOTED DEFICIENCIES.

Recipient:

Inspector

SIGNATURE ON MAIN OFFICE REPORT

Richard Glorioso

Re-Inspection Date: _____

Annual Insp 00-5k SF Assigned To GLORIOSO, Richard on 01/20/2015

Start Date:	Finish Date:
Business Name: HC SOUTH EAST LAND FILL	Occupancy ID: 52467
Address: 15960 C.R. 672 Unit No: LFG FLARE	Station No.: Station 03
City/State/Zip: LITHIA, FL 33547	Business Phone: (813)671-7707

ABOVE VIOLATIONS MAY CAUSE FIRE, CONTRIBUTE TO THE SPREAD OF FIRE, OR CAUSE UNDUE INJURY IN THE EVENT OF FIRE. VIOLATIONS MUST BE CORRECTED IMMEDIATELY.

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HILLSBOROUGH COUNTY FIRE RESCUE
2709 E. HANNA AVENUE
TAMPA, FLORIDA 33610
PH: (813) 744-5541
FAX: (813) 744-5794
Survey: <https://www.surveymonkey.com/s/FireInspectionSurvey>

Annual Insp 00-5k SF Assigned To GLORIOSO, Richard on 01/20/2015

Start Date: _____ **Finish Date:** _____
Business Name: HC SOUTH EAST LAND FILL **Occupancy ID:** 52453
Address: 15960 C.R. 672 Unit No: BATH BY TRLR **Station No.:** Station 03
City/State/Zip: LITHIA, FL 33547 **Business Phone:** (813)671-7707

<u>Complex Info</u>	<u>Main Floor</u>	<u>Stories</u>	<u>Estimated Values</u>
Commercial Units: 1	Length: 10	Above Grade: 1	Property: \$0.00
Residential Units: 0	Width: 28	Below Grade: 0	Content: \$0.00
Complex Type: 4	Area: 280	Upper Construction: -	
Complex:	Construction: -		

Occupancy Use: 39-BUS-EXIST - 39-Existing Business Occ	Roof Type: -
Property Uses: 599 - Business office	Roof Material: -
Building Style: -	Roof Access: -
Building Status: 2 - In normal use	Inspection Fee: \$45.00
Construction Type: -	Invoice Nbr: 13-004517
Detector Type: -	Occupant Load: 3
Power Supply: -	
Auto. Extinguisher: -	
Year of Construction: 0	

Codes are referenced from the Florida Fire Prevention Code and Hillsborough County ordinance.

You have 10 business days to appeal this Notice of Violation, by sending a letter to the Fire Marshal's Office at 2709 E. Hanna Avenue, Tampa, Florida 33610. For information regarding the Administrative Appeals Process please contact the Fire Marshal's Office at (813)744-5541.

<u>Violations</u>	<u>Date Found</u>	<u>Date Cleared</u>	<u>Standard/Reference</u>
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1-A NO FINDING

No Findings/Violations:	01/20/2015	01/20/2015	
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No violations noted for this inspection.

FIRE INSPECTION FOR HC SOUTH EAST LAND FILL NO NOTED DEFICIENCIES.

Recipient:

Inspector

SIGNATURE ON MAIN OFFICE REPORT

Richard Glorioso

Re-Inspection Date: _____

Annual Insp 00-5k SF Assigned To GLORIOSO, Richard on 01/20/2015

Start Date:	Finish Date:
Business Name: HC SOUTH EAST LAND FILL	Occupancy ID: 52453
Address: 15960 C.R. 672 Unit No: BATH BY TRLR	Station No.: Station 03
City/State/Zip: LITHIA, FL 33547	Business Phone: (813)671-7707

ABOVE VIOLATIONS MAY CAUSE FIRE, CONTRIBUTE TO THE SPREAD OF FIRE, OR CAUSE UNDUE INJURY IN THE EVENT OF FIRE. VIOLATIONS MUST BE CORRECTED IMMEDIATELY.

***FAILURE TO COMPLY BY REINSPECTION DATE WILL RESULT IN ADDITIONAL FEES AND MAY RESULT IN THE FILING OF CRIMINAL OR CIVIL ACTION.**



HILLSBOROUGH COUNTY FIRE RESCUE
2709 E. HANNA AVENUE
TAMPA, FLORIDA 33610
PH: (813) 744-5541
FAX: (813) 744-5794
Survey: <https://www.surveymonkey.com/s/FireInspectionSurvey>

Annual Insp 00-5k SF Assigned To GLORIOSO, Richard on 01/20/2015

Start Date:
Business Name: HC SOUTH EAST LAND FILL
Address: 15960 C.R. 672 Unit No: TIRE OFFICE
City/State/Zip: LITHIA, FL 33547

Finish Date:
Occupancy ID: 52449
Station No.: Station 03
Business Phone: (813)671-7707

<u>Complex Info</u>	<u>Main Floor</u>	<u>Stories</u>	<u>Estimated Values</u>
Commercial Units: 1	Length: 0	Above Grade: 1	Property: \$0.00
Residential Units: 0	Width: 0	Below Grade: 0	Content: \$0.00
Complex Type: 4	Area: 600	Upper Construction: -	
Complex:	Construction: -		

Occupancy Use: 39-BUS-EXIST - 39-Existing Business Occ	Roof Type: -
Property Uses: 599 - Business office	Roof Material: -
Building Style: -	Roof Access:
Building Status: 2 - In normal use	Inspection Fee: \$45.00
Construction Type: -	Invoice Nbr: 13-004517
Detector Type: -	Occupant Load: 6
Power Supply: -	
Auto. Extinguisher: -	
Year of Construction: 0	

Codes are referenced from the Florida Fire Prevention Code and Hillsborough County ordinance.

You have 10 business days to appeal this Notice of Violation, by sending a letter to the Fire Marshal's Office at 2709 E. Hanna Avenue, Tampa, Florida 33610. For information regarding the Administrative Appeals Process please contact the Fire Marshal's Office at (813)744-5541.

<u>Violations</u>	<u>Date Found</u>	<u>Date Cleared</u>	<u>Standard/Reference</u>
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1-A NO FINDING

No Findings/Violations:

01/20/2015

01/20/2015

No violations noted for this inspection.

FIRE INSPECTION FOR HC SOUTH EAST LAND FILL NO NOTED DEFICIENCIES.

Recipient:

Inspector

SIGNATURE ON MAIN OFFICE REPORT

Richard Glorioso

Re-Inspection Date: _____

Annual Insp 00-5k SF Assigned To GLORIOSO, Richard on 01/20/2015

Start Date:	Finish Date:
Business Name: HC SOUTH EAST LAND FILL	Occupancy ID: 52449
Address: 15960 C.R. 672 Unit No: TIRE OFFICE	Station No.: Station 03
City/State/Zip: LITHIA, FL 33547	Business Phone: (813)671-7707

ABOVE VIOLATIONS MAY CAUSE FIRE, CONTRIBUTE TO THE SPREAD OF FIRE, OR CAUSE UNDUE INJURY IN THE EVENT OF FIRE. VIOLATIONS MUST BE CORRECTED IMMEDIATELY.

***FAILURE TO COMPLY BY REINSPECTION DATE WILL RESULT IN ADDITIONAL FEES AND MAY RESULT IN THE FILING OF CRIMINAL OR CIVIL ACTION.**



HILLSBOROUGH COUNTY FIRE RESCUE
2709 E. HANNA AVENUE
TAMPA, FLORIDA 33610
PH: (813) 744-5541
FAX: (813) 744-5794
Survey: <https://www.surveymonkey.com/s/FireInspectionSurvey>

Annual Insp 05-10k SF Assigned To GLORIOSO, Richard on 01/20/2015

Start Date:
Business Name: HC SOUTH EAST LAND FILL
Address: 15960 C.R. 672 Unit No: SHREDDER
City/State/Zip: LITHIA, FL 33547

Finish Date:
Occupancy ID: 52463
Station No.: Station 03
Business Phone: (813)671-7707

<u>Complex Info</u>	<u>Main Floor</u>	<u>Stories</u>	<u>Estimated Values</u>
Commercial Units: 1	Length: 0	Above Grade: 1	Property: \$0.00
Residential Units: 0	Width: 0	Below Grade: 0	Content: \$0.00
Complex Type: 4	Area: 8,000	Upper Construction: -	
Complex:	Construction: -		

Occupancy Use: 40-INDUSTRIAL - 40-Industrial Occupancy	Roof Type: -
Property Uses: 808 - Outbuilding or shed	Roof Material: -
Building Style: -	Roof Access: -
Building Status: 2 - In normal use	Inspection Fee: \$58.00
Construction Type: -	Invoice Nbr: 13-004517
Detector Type: -	Occupant Load: 80
Power Supply: -	
Auto. Extinguisher: -	
Year of Construction: 0	

Codes are referenced from the Florida Fire Prevention Code and Hillsborough County ordinance.

You have 10 business days to appeal this Notice of Violation, by sending a letter to the Fire Marshal's Office at 2709 E. Hanna Avenue, Tampa, Florida 33610. For information regarding the Administrative Appeals Process please contact the Fire Marshal's Office at (813)744-5541.

<u>Violations</u>	<u>Date Found</u>	<u>Date Cleared</u>	<u>Standard/Reference</u>
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1-A NO FINDING

No Findings/Violations:

01/20/2015

01/20/2015

No violations noted for this inspection.

FIRE INSPECTION FOR HC SOUTH EAST LAND FILL NO NOTED DEFICIENCIES.

Recipient:

MMR. DAVID CASWELL

Inspector

Richard Glorioso

Re-Inspection Date: _____

Annual Insp 05-10k SF Assigned To GLORIOSO, Richard on 01/20/2015

Start Date:
Business Name: HC SOUTH EAST LAND FILL
Address: 15960 C.R. 672 Unit No: SHREDDER
City/State/Zip: LITHIA, FL 33547

Finish Date:
Occupancy ID: 52463
Station No.: Station 03
Business Phone: (813)671-7707

ABOVE VIOLATIONS MAY CAUSE FIRE, CONTRIBUTE TO THE SPREAD OF FIRE, OR CAUSE UNDUE INJURY IN THE EVENT OF FIRE. VIOLATIONS MUST BE CORRECTED IMMEDIATELY.

***FAILURE TO COMPLY BY REINSPECTION DATE WILL RESULT IN ADDITIONAL FEES AND MAY RESULT IN THE FILING OF CRIMINAL OR CIVIL ACTION.**



HILLSBOROUGH COUNTY FIRE RESCUE
2709 E. HANNA AVENUE
TAMPA, FLORIDA 33610
PH: (813) 744-5541
FAX: (813) 744-5794
Survey: <https://www.surveymonkey.com/s/FireInspectionSurvey>

Annual Insp 00-5k SF Assigned To GLORIOSO, Richard on 01/20/2015

Start Date: _____ **Finish Date:** _____
Business Name: HC SOUTH EAST LAND FILL **Occupancy ID:** 52451
Address: 15960 C.R. 672 Unit No: LFG STRG **Station No.:** Station 03
City/State/Zip: LITHIA, FL 33547 **Business Phone:** (813)671-7707

<u>Complex Info</u>	<u>Main Floor</u>	<u>Stories</u>	<u>Estimated Values</u>
Commercial Units: 1	Length: 40	Above Grade: 1	Property: \$0.00
Residential Units: 0	Width: 30	Below Grade: 0	Content: \$0.00
Complex Type: 4	Area: 1,200	Upper Construction: -	
Complex:	Construction: -		

Occupancy Use: 42-STORAGE - 42-Storage Occupancies	Roof Type: -
Property Uses: 808 - Outbuilding or shed	Roof Material: -
Building Style: -	Roof Access:
Building Status: 2 - In normal use	Inspection Fee: \$45.00
Construction Type: -	Invoice Nbr: 13-004517
Detector Type: -	Occupant Load:
Power Supply: -	
Auto. Extinguisher: -	
Year of Construction: 0	

Codes are referenced from the Florida Fire Prevention Code and Hillsborough County ordinance.

You have 10 business days to appeal this Notice of Violation, by sending a letter to the Fire Marshal's Office at 2709 E. Hanna Avenue, Tampa, Florida 33610. For information regarding the Administrative Appeals Process please contact the Fire Marshal's Office at (813)744-5541.

<u>Violations</u>	<u>Date Found</u>	<u>Date Cleared</u>	<u>Standard/Reference</u>
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1-A NO FINDING

No Findings/Violations:	01/20/2015	01/20/2015	
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No violations noted for this inspection.

FIRE INSPECTION FOR HC SOUTH EAST LAND FILL NO NOTED DEFICIENCIES.

Recipient:

MR. DAVID CASWELL

Inspector

Richard Glorioso

Re-Inspection Date: _____

Annual Insp 00-5k SF Assigned To GLORIOSO, Richard on 01/20/2015

Start Date:

Finish Date:

Business Name: HC SOUTH EAST LAND FILL
Address: 15960 C.R. 672 Unit No: LFG STRG
City/State/Zip: LITHIA, FL 33547

Occupancy ID: 52451
Station No.: Station 03
Business Phone: (813)671-7707

ABOVE VIOLATIONS MAY CAUSE FIRE, CONTRIBUTE TO THE SPREAD OF FIRE, OR CAUSE UNDUE INJURY IN THE EVENT OF FIRE. VIOLATIONS MUST BE CORRECTED IMMEDIATELY.

***FAILURE TO COMPLY BY REINSPECTION DATE WILL RESULT IN ADDITIONAL FEES AND MAY RESULT IN THE FILING OF CRIMINAL OR CIVIL ACTION.**



HILLSBOROUGH COUNTY FIRE RESCUE
2709 E. HANNA AVENUE
TAMPA, FLORIDA 33610
PH: (813) 744-5541
FAX: (813) 744-5794
Survey: <https://www.surveymonkey.com/s/FireInspectionSurvey>

Annual Insp 00-5k SF Assigned To GLORIOSO, Richard on 01/20/2015

Start Date:
Business Name: HC SOUTH EAST LAND FILL
Address: 15960 C.R. 672 Unit No: DERIMMER
City/State/Zip: LITHIA, FL 33547

Finish Date:
Occupancy ID: 52460
Station No.: Station 03
Business Phone: (813)671-7707

<u>Complex Info</u>	<u>Main Floor</u>	<u>Stories</u>	<u>Estimated Values</u>
Commercial Units: 1	Length: 0	Above Grade: 1	Property: \$0.00
Residential Units: 0	Width: 0	Below Grade: 0	Content: \$0.00
Complex Type: 4	Area: 2,000	Upper Construction: -	
Complex:	Construction: -		

Occupancy Use: 40-INDUSTRIAL - 40-Industrial Occupanci	Roof Type: -
Property Uses: 808 - Outbuilding or shed	Roof Material: -
Building Style: -	Roof Access:
Building Status: 2 - In normal use	Inspection Fee: \$45.00
Construction Type: -	Invoice Nbr: 13-004517
Detector Type: -	Occupant Load: 20
Power Supply: -	
Auto. Extinguisher: -	
Year of Construction: 0	

Codes are referenced from the Florida Fire Prevention Code and Hillsborough County ordinance.

You have 10 business days to appeal this Notice of Violation, by sending a letter to the Fire Marshal's Office at 2709 E. Hanna Avenue, Tampa, Florida 33610. For information regarding the Administrative Appeals Process please contact the Fire Marshal's Office at (813)744-5541.

<u>Violations</u>	<u>Date Found</u>	<u>Date Cleared</u>	<u>Standard/Reference</u>
-------------------	-------------------	---------------------	---------------------------

1-A NO FINDING

No Findings/Violations:

01/20/2015

01/20/2015

No violations noted for this inspection.

FIRE INSPECTION FOR HC SOUTH EAST LAND FILL NO NOTED DEFICIENCIES.

Recipient:

MR. DAVID CASWELL

Inspector

Richard Glorioso

Re-Inspection Date: _____

Annual Insp 00-5k SF Assigned To GLORIOSO, Richard on 01/20/2015

Start Date:

Finish Date:

Business Name: HC SOUTH EAST LAND FILL
Address: 15960 C.R. 672 Unit No: DERIMMER
City/State/Zip: LITHIA, FL 33547

Occupancy ID: 52460
Station No.: Station 03
Business Phone: (813)671-7707

ABOVE VIOLATIONS MAY CAUSE FIRE, CONTRIBUTE TO THE SPREAD OF FIRE, OR CAUSE UNDUE INJURY IN THE EVENT OF FIRE. VIOLATIONS MUST BE CORRECTED IMMEDIATELY.

***FAILURE TO COMPLY BY REINSPECTION DATE WILL RESULT IN ADDITIONAL FEES AND MAY RESULT IN THE FILING OF CRIMINAL OR CIVIL ACTION.**



HILLSBOROUGH COUNTY FIRE RESCUE
2709 E. HANNA AVENUE
TAMPA, FLORIDA 33610
PH: (813) 744-5541
FAX: (813) 744-5794
Survey: <https://www.surveymonkey.com/s/FireInspectionSurvey>

Annual Insp 00-5k SF Assigned To GLORIOSO, Richard on 01/20/2015

Start Date: _____ **Finish Date:** _____
Business Name: HC SOUTH EAST LAND FILL **Occupancy ID:** 52464
Address: 15960 C.R. 672 Unit No: CHML STRG **Station No.:** Station 03
City/State/Zip: LITHIA, FL 33547 **Business Phone:** (813)671-7707

<u>Complex Info</u>	<u>Main Floor</u>	<u>Stories</u>	<u>Estimated Values</u>
Commercial Units: 0	Length: 0	Above Grade: 1	Property: \$0.00
Residential Units: 0	Width: 0	Below Grade: 0	Content: \$0.00
Complex Type: 4	Area: 2,500	Upper Construction: -	
Complex:	Construction: -		

Occupancy Use: 42-STORAGE - 42-Storage Occupancies	Roof Type: -
Property Uses: 807 - Outside material storage area	Roof Material: -
Building Style: -	Roof Access: -
Building Status: 2 - In normal use	Inspection Fee: \$45.00
Construction Type: -	Invoice Nbr: 13-004517
Detector Type: -	Occupant Load: -
Power Supply: -	
Auto. Extinguisher: -	
Year of Construction: 0	

Codes are referenced from the Florida Fire Prevention Code and Hillsborough County ordinance.

You have 10 business days to appeal this Notice of Violation, by sending a letter to the Fire Marshal's Office at 2709 E. Hanna Avenue, Tampa, Florida 33610. For information regarding the Administrative Appeals Process please contact the Fire Marshal's Office at (813)744-5541.

<u>Violations</u>	<u>Date Found</u>	<u>Date Cleared</u>	<u>Standard/Reference</u>
1-A NO FINDING			
No Findings/Violations:	01/20/2015	01/20/2015	
No violations noted for this inspection.			
FIRE INSPECTION FOR HC SOUTH EAST LAND FILL NO NOTED DEFICIENCIES.			

Recipient:

MR. DAVID CASWELL

Inspector

Richard Glorioso

Re-Inspection Date: _____

Annual Insp 00-5k SF Assigned To GLORIOSO, Richard on 01/20/2015

Start Date:
Business Name: HC SOUTH EAST LAND FILL
Address: 15960 C.R. 672 Unit No: CHML STRG
City/State/Zip: LITHIA, FL 33547

Finish Date:
Occupancy ID: 52464
Station No.: Station 03
Business Phone: (813)671-7707

ABOVE VIOLATIONS MAY CAUSE FIRE, CONTRIBUTE TO THE SPREAD OF FIRE, OR CAUSE UNDUE INJURY IN THE EVENT OF FIRE. VIOLATIONS MUST BE CORRECTED IMMEDIATELY.

***FAILURE TO COMPLY BY REINSPECTION DATE WILL RESULT IN ADDITIONAL FEES AND MAY RESULT IN THE FILING OF CRIMINAL OR CIVIL ACTION.**

ATTACHMENT D
WTPF Equipment Specifications

Super Slicer

Tread cutting attachment (optional)



Specifications

Removes sidewalls & beads from light truck and car tires.

	Portable	Stationary
Weight	2,130 lbs.	1850 lbs.
Height	62 1/2"	62 1/2"
Width	67"	60"
Length	145"	94"
Hitch	2" Standard Ball	None
Axles	Single	None
Suspension	Rubber Torsion Insert	None
Wheels	14"	None
Brakes	Standard	None
Cycle Time	12 Seconds/Truck Tires and 8 Seconds Car Tires	
Hydraulic Pressure	2,500 psi	2,500 psi
Diesel	23 HP Isuzu	23 HP Isuzu
Gas	20 HP Kohler	20 HP Kohler
Electric-	15 HP	15 HP

Tread Cutter Attachment

Dimensions	41" x 18.5" x 36"
Weight	266 lbs.
Cycle Time	3 - 5 Seconds
Capacity	up to 1200 tires per hour
Hydraulic Pressure	2500 psi



Portable Unit



Stationary Unit

The multi-purpose Eagle Super Slicer unit enables you to remove the sidewalls or the steel beads from truck tires, light truck tires and car tires. The cycle time is twelve seconds on truck tires (up to 44" outside diameter) production rate of 50-60 per hour, and eight seconds on car tires (13" to 16" outside diameter) production rate of 70-90 per hour.

The Eagle Super Slicer offers several important features that are of significant value to the safety and efficient operation of the machine.

The protective shroud protects the operator. In addition, the viewing ports permit a safe view of the cutting process.

A Hydraulic Bead Adjustment allows mechanical positioning of the tire for optimal cutting and debearing procedures. A hardened Alloy, Serrated Cutter Blade maximized cutting effectiveness.

The Tread Cutter Attachment (optional) is designed to cut across the face of the tread. Also available with Eagle Sidewall Cutter.

Eagle International, LLC • 389 West Steamboat Dr. • Dakota Dunes, SD 57049

Phone: (605) 242-5213 • Toll Free: (800) 755-8473 • Fax: (605) 242-5217

Website: www.eagle-equipment.com • Email: tirecut@longlines.com

Document: Eagle International Product Specification
Product: Super Slicer

Mobility: Portable
Power: Diesel

Date: 3/1/14
Rev: A

Physical Data

Height	Width	Length	Weight	
64.7 Inches	76 Inches	117 Inches	1850	Pounds
164.4 cm	193 cm	297.2 cm	832	Kilogram

With Treadcutting Attachment. Shipping width 75"

Engine Specifications

Mfg.	Isuzu	Model	3CB1
Fuel	Diesel	Engine Oil	SAE 10W30
Volts	12 Volt	Rated Engine RPM	2450
Phase		Rated Engine Output	23HP
HZ			17.1 kW

Production Capability Data

*Rec. Maximum Tire Capacity	44" O.D. Truck Tires
Average Cutting Time	10 Seconds
Average Hourly Production	100 Car Tires 70 Truck Tires
Average Hourly Production based on Rim Weight	500 Pounds 226 Kilograms

*Rec = Recommended Size or Equivalent Size

Design and specifications are subject to change without notice

Hydraulic System Operating Parameters

Hydraulic Oil Tank Capacity	20 Gallons	Hydraulic Oil Specification	Dexron III High Temperature ATF
	75.7 Litres		
Hydraulic System Operating Pressure (Pressure @ Punch Cylinder)	2500 PSI 17,237 kPa		

Standard Product Features

Tire Loading Device	Hydraulic Pressure Gauge	Hydraulic Gear Pump
Operator Safety Shields	Oil Tank Shut-Off	Cutter Roller
8.5" Harden Cutting Blades	Emergency Stop Button	Heavy-Duty Steel Construction

Recommended Spare Parts List

Description	Qty	Part #	Description	Qty	Part #
Hydraulic Filter	2	80044	Air Filter (Diesel) (3CB1)	1	80065
Cutter Roller / Bushing Assembly	1	80142	Oil Filter (Diesel) (3CB1)	1	80067
Cutter Roller Pin	1	80299	Fuel Filter (Diesel) (3CB1)	1	80067
Cutter Blade (8.5")	2	80029	Replacement Key (Diesel) (3CB1)	1	80068
Steel Bushing / Cutter Roller	2	80260			

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Eagle International, LLC, 389 W. Steamboat Drive, Dakota Dunes, South Dakota, USA 57049

Toll Free (800) 755-8473 / Fax (605) 242-5217

Email: tirecut@longlines.com / Website: www.eagle-equipment.com





Tire Recycling Equipment Solutions For Profit and Planet

Dual Speed Tire Shredder The Industry's Cleanest Cut

The CM Dual-Speed Tire Shredder is designed to process higher capacities and heavier tires than the Single-Speed Shredder. It can shred whole tires at a rate up to 12 tons per hour; which is as many as 1,200 passenger or 200 truck tires. It's rugged enough to cut whole tires up to 48" in diameter, including steel-belted radials, in just one step.

Turnkey Ready

This turnkey whole tire-to-chip system includes all stands, platforms and conveyors and comes completely pre-wired — to quickly have you up and operational. And since it's designed for simplicity, you can keep your labor cost down to a minimum.

Features at a glance:

- Utilizes CM's Patented Knife design
- Offered in mobile configurations
- Two-speed drive ensures energy efficient operation
- Patented classification and recirculation systems for easy monitoring of performance

The Cleanest Cuts In the Tire Recycling Industry

Our patented MULTI-STACK knife design operates at extremely close tolerances which produces the industry's cleanest cut with very little exposed wire. The knives can be resharpened and reused which significantly decreases operational costs.



Whole Tire Production Rates

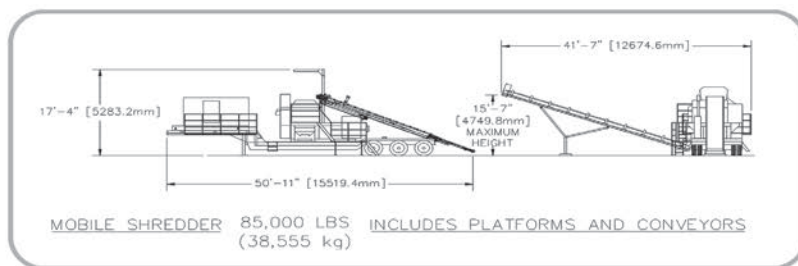
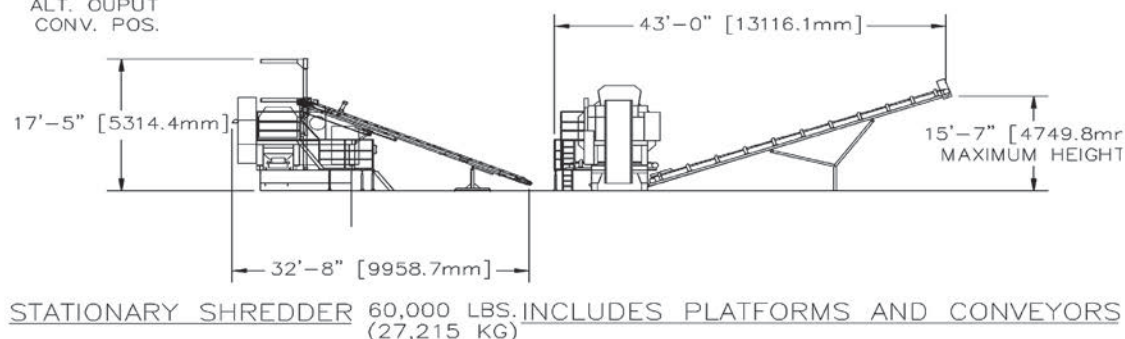
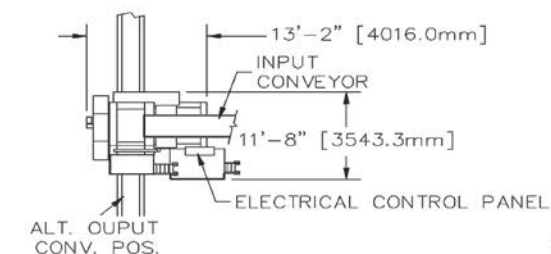
Primary Shred	22 to 24 tons / hour
2" (50mm) Chip	8 to 12 tons / hour
1.5" (38mm) Chip	6 to 8 tons / hour
1" (25mm) Chip	4 to 6 tons / hour



Clean Cut Chips

For more information please visit: www.cmtirerecyclingequipment.com

Dual Speed Tire Shredder Engineering



Customer Service is Second to None

We carry a complete line of replacement parts for all CM Tire Processing Equipment with shipping on standard parts within 24 hours. Our dedicated Customer Service Team is available to take your part orders via e-mail, telephone or fax. We use various freight carriers to ensure you will receive your package on time and at the lowest cost.

We also provide Field Service Technicians support if your equipment needs maintenance or repairs. Depending on location, our technicians can generally be on your site within 24 hours.



For more information
please call us at:

(800) 848-1071 or (941) 755-2621



Tire Recycling Equipment Solutions

1920 Whitfield Avenue • Sarasota, FL 34243 • (800) 848-1071 • (941) 755-2621 • Fax: (941) 753-2308

www.cmtirerecyclingequipment.com

Truck Tire Derimmer



Portable Unit

Specifications

Safely derims up to and including 19.5 x 24 grader tires. Also handles Dayton rims and Budd wheels on semi-tires.

	Portable	Stationary	Compatible
Weight	5,020 lbs.	3,800 lbs.	3,620 lbs.
Height	103"	76"	76"
Width	84"	83 1/2"	83 1/2"
Length	147"	87 1/2"	87 1/2"
Hitch	2" Standard Ball	None	N/A
Axles	Single	None	
Suspension	Rubber Torsion Insert	None	
Wheels	16"	None	
Brakes	2 Wheel Electric	None	
Cycle Time	20 Seconds	20 Seconds	
Hydraulic Pressure	2,700 psi	2,700 psi	2,500 psi
Diesel	23 HP Isuzu	23 HP Isuzu	
Gas	20 HP Kohler	20 HP Kohler	
Electric	15 HP	15 HP	

Eagle International would like to introduce to the scrap tire market another recycling machine. Because of the interest of many recyclers, we designed this new machine to separate the rim from the tire of any semi-truck tire. It will also do larger tires. The Truck Tire Derimmer is available as portable or stationary, and is powered either by an Electric 15 HP motor, a 23 HP Diesel motor or a 20 HP Gas motor.

This machine has an operational cycle time of 20 seconds, which makes this the fastest machine on the market today. More production means you earn more money! Our machine comes complete, ready to operate. It is highway rated and the set up time at the job site is less than three minutes.

Another great asset of the Eagle Truck Tire Derimmer is that it was designed so that you do not have to pick the tire up to load it into the machine, you simply roll the tire into the machine and push the tire off the rim.

Eagle International has developed a reputation for unique labor saving designs, quality production, and portability. Also note, a compatible unit is offered powdered by an external hydraulic power source.



Stationary Unit

Eagle International, LLC • 389 West Steamboat Dr. • Dakota Dunes, SD 57049

Phone: (605) 242-5213 • Toll Free: (800) 755-8473 • Fax: (605) 242-5217

Website: www.eagle-equipment.com • Email: tirecut@longlines.com

Physical Data (Punch Arm Down)

Length	Width	Height	Weight
147 inches	84 inches	103 inches	4540 Pounds
373 cm	213 cm	261 cm	2059 Kilograms

Engine Specifications

Mfg.	Isuzu	Model	3CE1
Fuel	Diesel	Engine Oil	SAE 10W30
Volts	N/A	Rated Engine RPM	2450
Phase	N/A	Rated Engine Output	23 Hp
HZ	N/A		17.15 kW

Production Capability Data

Rec. Maximum Tire Capacity	19.5*25 GRADER TIRE ON DOWN
Ram Cycle Time / Punch	20 Seconds
Average Rim Weight	60 Pounds 27 Kilograms
Average Hourly Production	30 - 50 Tires / Rims
Avg Hrly Production based on Tire Wgt	1600 Pounds 725 Kilograms

*Rec = Recommended Size or Equivalent Size

Design and specifications are subject to change without notice

Hydraulic System Operating Parameters

Hydraulic Oil Tank Capacity	30 Gallons 113 Litres	Hydraulic Oil Specification	Dexron III High Temperature ATF
Hydraulic System Operating Pressure (Pressure @ Punch Cylinder)	2700 PSI 18,062.00 kPa		

Standard Product Features

Manual Tire Loading	Passenger Tire Plate	Piston Pump	Operator Leg Shield
Operator Safety Shields	Hydraulic Tilt Mechanism	Electric Brakes	Hydraulic Clamp & Ram
Greaseless Duralon Guide Roller Bushings		LT 235/85R16 Tires	Top Wind Jack
Emergency Stop Button	2" Hitch	Trailer Light Package	

Recommended Spare Parts List

Description	Qty	Part #	Description	Qty	Part #
Hydraulic Filter Element	2	20000	Oil Filter	2	20801
Replacement Key (3CE1)	1	20805	Fuel Filter	2	20002
Air Filter (3CE1)	2	20803			

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Toll Free (800) 755-8473 / Fax (605) 242-5217

Email: tirecut@longlines.com / Website: www.eagle-equipment.com



Car Tire Derimmer



Portable Unit (Gas)

Specifications

Safely derims up to and including 16" split ring wheels.

	<u>Portable</u>	<u>Stationary</u>	<u>Compatible</u>
Weight	2,030 lbs.	1,680 lbs.	1,470 lbs.
Height	53"	51 1/4"	92"
Width	67 1/2"	51"	51 1/2"
Length	162"	86 1/2"	56"
Hitch	2" Standard Ball	None	N/A
Axles	Single	None	None
Suspension	Rubber Torsion Insert	None	None
Wheels	14"	None	None
Brakes	None	None	
Cycle Time	7 Seconds	7 Seconds	7 Seconds
Hydraulic Pressure	2,500 psi	2,500 psi	2,500 psi
Diesel	14 HP Kubota	14 HP Kubota	
Gas	13 HP Kohler	13 HP Kohler	
Electric	10 HP	10 HP	

The Eagle Car Tire Derimmer is designed to separate waste rims from waste tires. The ease of operation is the key to the popularity of this unit. All that is required of the operator is to roll the tire and wheel into the Derimmer. The tire is then clamped and held by the first cylinder while the second cylinder removes the rim. The operator then rolls the tire out of the unit and rolls the next tire and wheel into position. The cycle time is estimated at seven (7) seconds.

There is no manual lifting of the tire with this unit.

Simple hand controls enhance the cycle time. The estimated times for this unit are 160-200 rims per hour which equates to 1280 rims in one 8 hr. shift.

Stationary and portable models are available with a choice of gas, electric and diesel power. A compatible unit is offered powered by an external hydraulic power source.



Stationary Unit, Gas

Physical Data

Length	Width	Height	Weight
162 inches	67.5 Inches	57 inches	2130 Pounds
411.5 cm	171.5 cm	145 cm	966 Kilograms

Engine Specifications

Mfg.	KUBOTA	Model	Z602
Fuel	Diesel	Engine Oil	SAE 10W30
Volts	12V	Rated Engine RPM	3600
Phase	NA	Rated Engine Output	14 Hp
HZ	NA		10.3 kW

Production Capability Data

*Rec. Minimum Tire Capacity	16.5" Car Tire Wheels
Ram/Punch Cycle Time	7 Seconds
Average Rim Weight	20 Pounds 9.1 Kilograms
Average Hourly Production	160 Car Tires
Average Houly Production based on Rim Weight	1800 Pounds 816 Kilograms

*Rec = Recommended Size or Equivalent Size

Design and specifications are subject to change without notice

Hydraulic System Operating Parameters

Hydraulic Oil Tank Capacity	20 Gallons 75.7 Litres	Hydraulic Oil Specification	Dextron III High Temperature ATF
Hydraulic System Operating Pressure (Pressure @ Punch Cylinder)	2500 PSI 17,237 kPa		

Standard Product Features

Tire Loading Device	Adjustable Rim Sizer	Two-Stage Hydraulic Gear Pump	Operator Leg Shield
Operator Safety Shields	Hydraulic Pressure Gauge	Oil Tank Shut-Off	Emergency Stop Button
Greaseless Duralon Guide Roller Bushings		2nd Generation Ram/Clamp Assembly	
Hydraulic Clamp & Ram	3-point Lifting Padeyes	Heavy-Duty Steel Construction	

Recommended Spare Parts List

Description	Qty	Part #	Description	Qty	Part #
Hydraulic Filter Element	2	10702	Air Filter (Z602)	2	10962
Replacement Key (Z602)	1	10963	Oil Filter	2	10960
Valve Handle Kit	2	10200	Fuel Filter	2	10961
Valve Handle Clevis	2	10202			

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MULTITEK[®] INC.
...the world industry standard

Model WC500



THREE RAM HYDRAULIC WHEEL CRUSHER

TURN WHEEL SALVAGE INTO A FAST, EASY AND PROFITABLE OPERATION

Engineered to provide years of low maintenance and rugged dependability

The Multitek[®] Model WC500 Wheel Crusher will process over 120 wheels per hour.* MULTITEK crushers reduce the steel wheel to within the size requirements needed to classify as #1 prepared scrap. The compact portable WC500 is designed with three hydraulic rams for clean separation of the steel wheels while freeing valuable yard space for landfills, salvage yards, and tire recyclers.

FEATURES & SPECIFICATIONS:

- Powered by a fuel efficient 35 HP liquid cooled diesel engine with electric start and 12 volt electrical system. The powerful three cylinder engine powers the balanced hydraulic system and easy to operate hydraulic controls.
- The powerful MULTITEK[®] Built 4-1/2" (11.4 cm) diameter hydraulic cylinders feature heavy duty aluminum pistons for continuous duty cycle application. Some world wide salvage yards have reported up to 3 million wheels crushed with MULTITEK[®] wheel crushers.
- FAST - One man can crush and separate passenger car tires from the steel rims at the rate of over 120 per hour.*
- POWERFUL - 38,000 lbs. (17,237 kg) of crushing force
- SIMPLE - Minimal training and maintenance required.
- TOUGH - Typical of MULTITEK[®] products, simple and strong.
- DIMENSIONS: 90" (229 cm) W x 109" (277 cm) L 51-1/2" (131 cm) H
- WEIGHT: 2800 lbs. (1270 kg)
- ENGINE: 35 HP-3 cylinder, liquid cooled diesel with instrument panel.
- CYCLE TIME: 20 seconds
- WARRANTY: 2 year on engine, 1 year on frame and cylinder
- OPTIONS: 30 HP 220/440 volt electric power, 35 HP gas power and stationary mounts
- Standard 2" ball hitch.

Over a quarter of century of industry leadership in production, reliability, lowest down time and maintenance cost.

**Multitek Wheel Crusher increases your bottom line.
A Great Return on Your Investment.**

Manufactured by:

 **MULTITEK[®] INC.**

700 Main Street / P.O. Box 170
Prentice WI 54556-0170 U.S.A.
715-428-2000 / Fax 715-428-2700
Toll Free: 800-243-5438
www.multitekinc.com

E-Mail Address: sales@multitekinc.com

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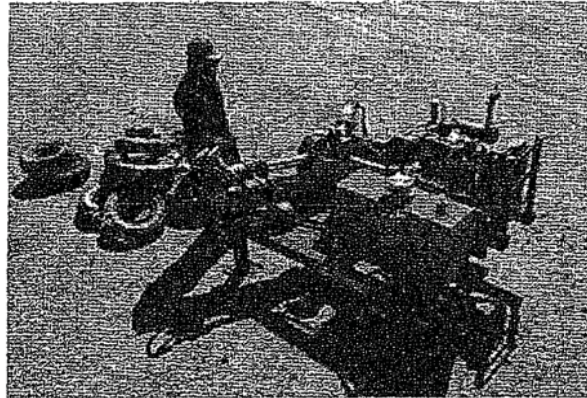
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View cart

Main : New Equipment and Parts : Wheel Crusher :**MODEL WC500DLX WHEEL CRUSHER**| [Add to Cart](#) || [More Information \(pdf\)](#) |

Production Rating: 120 Wheels Per Hour
Engine: 30 Hp Kubota Diesel

Our best seller for production is the Model WC-500 DLX Wheel Crusher. It features a liquid cooled 30 hp Kubota diesel engine with a three hydraulic ram design which cleanly separates the wheel from the rubber without rim rotation. A 32" (81.28 cm) crushing chamber allows the crushed rim to drop directly through the tire. This wheel crusher is engineered for applications where large volumes are important such as high volume auto salvage yards, tire recycling operations, and landfills. We have hundreds of units in the field worldwide processing two to three million wheels with a low operating and maintenance cost.



Click on large image to see full sized



This heavy duty wheel and rim crusher is designed with three hydraulic cylinders for fast, clean preparation of the steel wheels to free valuable space. The three cylinder design leaves a clean clover shaped wheel neatly crushed for space saving disposal. The wheel crusher also features a standard trailer package for easy transport within your recycling yard or to other recycling areas.

The powerful 4.5" diameter hydraulic cylinders feature heavy duty aluminum pistons for continuous cycle applications. Customers worldwide have reported millions of crushed wheels with Multitek Wheel Crushers.

Specifications:

- Wheels Per Hour: 120
- Cycle Time: 20 seconds
- Engine Type: Kubota
- Battery: 12 volt
- Engine Horsepower: 30 hp
- Hydraulic Reservoir Capacity: 37 gal (140 L)
- Axles: Single
- Leaf Spring Suspension: Yes
- Length: 9' 1" (2.77 m)
- Transport Height: 51" (1.3 m)
- Trailer Hitch: 2" (5.1 cm) ball coupler
- Fuel Consumption: .75gpm (2.84 Lph)
- Crushing Diameter: 32" (73 cm)
- Crushing Force (psi): 38,000 lbs
- Engine Horsepower: 35 hp (26 kw)
- Fuel Type: Diesel
- Fuel Capacity: 8 gal (30 L)
- Warranty: 12 Month
- Tire Size: 185/80R13
- Trailer Lights: Standard
- Transport Width: 7' 6" (2.29 m)
- Loading Height: 27"
- Weight: 2,800 lbs (1,277 kg)

OPTIONS:



V-4 Wisconsin 35hp (26 kw) Gas Engine
220/440 volt 3-phase Electric Motor

- Electric / Stationary
 - Diesel / Stationary
-

ATTACHMENT E
Financial Assurance Cost 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: Hillsborough County Southeast Landfill - Phases I-VI WACS ID: SWD/29/41193
 Permit Application or Consent Order No.: 35435-022-SO/01 Expiration Date: 11/07/2023
 Facility Address: 15960 CR 672 Lithia, FL 33547 (8.8 miles east of U.S. 301 on County Road 672)
 Permittee or Owner/Operator: Hillsborough County Solid Waste Management Division
 Mailing Address: P.O. Box 1110, Tampa, FL 33601

Latitude: 27 ° 46 ' 26 " Longitude: 82 ° 11 ' 01 "
 Coordinate Method: AutoCAD Survey Datum: NAD 83
 Collected by: HDR Company/Affiliation HDR

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
Phases I-VI	162.4	1984	56 years	29 years	N/A	N/A
Waste Tire Site	9,645 tn	N/A	N/A	N/A	N/A	N/A

Total disposal unit acreage included in this estimate: Closure: 162.4 Long-Term Care: 162.4

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 Deflatory 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: _____

Latest Department Approved
Closing Cost Estimate:

Current Year Inflation
Factor, **e.g. 1.02**

Inflation Adjusted Closing
Cost Estimate:

_____ × _____ = _____

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

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:

_____ × _____ = _____

Number of Years of Long Term Care Remaining:

_____ × _____

Inflation Adjusted Long-Term Care Cost Estimate:

_____ = _____

Signature by: ☐ Owner/Operator

☒ Engineer

(check what applies)

Signature

Address

Name & Title

City, State, Zip Code

Date

E-Mail Address

Telephone Number

IV. ESTIMATED CLOSING COST (check what applies)

☒ **Recalculated Cost Estimate**

☐ **New Facility Cost Estimate**

Notes: 1. Cost estimates for the time period when the extent and manner of landfill operation makes closing most exp

2. Cost estimate must be certified by a professional engineer.

3. Cost estimates based on third party suppliers of material, equipment and labor at fair market value.

4. In some cases, a price quote in support of individual item estimates may be required.

Description	Unit	Number of Units	Cost / Unit	Total Cost
1. Proposed Monitoring Wells (Do not include wells already in existence.)				
	EA			
Subtotal Proposed Monitoring Wells:				
2. Slope and Fill (bedding layer between waste and barrier layer):				
Excavation	CY			
Placement and Spreading	CY			
Compaction	CY			
Off-Site Material (Installed Cost)	CY	73,985	\$11.63	\$860,445.55
Delivery	CY			
Subtotal Slope and Fill:				\$860,445.55
3. Cover Material (Barrier Layer):				
Off-Site Clay	CY			
Synthetics - 40 mil	SY	845,548	\$4.28	\$3,618,945.44
Synthetics - GCL	SY			
Synthetics - Geonet	SY			
Synthetics - Other (explain)	SY	845,548	\$5.25	\$4,439,127.00
Geo-Composite				
Subtotal Cover Material:				\$8,058,072.44
4. Top Soil Cover:				
Off-Site Material (Installed Cost)	CY	591,884	\$12.53	\$7,416,306.52
Delivery	CY			
Spread	CY			
Subtotal Top Soil Cover:				\$7,416,306.52
5. Vegetative Layer				
Sodding	SY	370,260	\$1.88	\$696,088.80
Hydroseeding	AC	83.9	\$2,088.00	\$175,183.20
Fertilizer	AC			
Mulch	AC			
Other (explain)				
Subtotal Vegetative Layer:				\$871,272.00
6. Stormwater Control System:				
Earthwork	CY			
Grading	SY			
Piping	LF			
Ditches	LF			
Berms	LF CY	58,378	\$11.63	\$678,936.14
Control Structures	EA			
Other (explain)	LS	1	\$1,003,484.00	\$1,003,484.00
See Explanation (Part 3)				
Subtotal Stormwater Control System:				\$1,682,420.14

Description	Unit	Number of Units	Cost / Unit	Total Cost
7. Passive Gas Control:				
Wells	EA	_____	_____	_____
Pipe and Fittings	LF	_____	_____	_____
Monitoring Probes	EA	_____	_____	_____
NSPS/Title V requirements	LS	<u>1</u>	_____	_____
Subtotal Passive Gas Control:				_____
8. Active Gas Extraction Control:				
Traps	EA	_____	_____	_____
Sumps	EA	_____	_____	_____
Flare Assembly	EA	_____	_____	_____
Flame Arrestor	EA	_____	_____	_____
Mist Eliminator	EA	_____	_____	_____
Flow Meter	EA	_____	_____	_____
Blowers	EA	_____	_____	_____
Collection System	LF	_____	_____	_____
Other (explain) _____	_____	_____	_____	_____
Subtotal Active Gas Extraction Control:				_____
9. Security System:				
Fencing	LF	_____	_____	_____
Gate(s)	EA	_____	_____	_____
Sign(s)	EA	<u>1</u>	<u>\$2,000.00</u>	<u>\$2,000.00</u>
Subtotal Security System:				<u>\$2,000.00</u>
10. Engineering:				
Closure Plan Report	LS	<u>1</u>	<u>\$861,513.00</u>	<u>\$861,513.00</u>
Certified Engineering Drawings	LS	<u>1</u>	_____	_____
NSPS/Title V Air Permit	LS	<u>1</u>	_____	_____
Final Survey	LS	<u>1</u>	<u>\$41,239.21</u>	<u>\$41,239.21</u>
Certification of Closure	LS	<u>1</u>	_____	_____
Other (explain) _____	LS	<u>1</u>	<u>\$7,500.00</u>	<u>\$7,500.00</u>
Permit Fee per Chapter 62-701			Subtotal Engineering:	<u>\$910,252.21</u>

Description	Hours	Cost / Hour	Hours	Cost / Hour	Total Cost
11. Professional Services					
	<u>Contract Management</u>		<u>Quality Assurance</u>		
P.E. Supervisor	<u>1,440</u>	<u>\$135.00</u>	<u>1,440</u>	<u>\$135.00</u>	<u>\$388,800.00</u>
On-Site Engineer	_____	_____	<u>720</u>	<u>\$95.00</u>	<u>\$68,400.00</u>
Office Engineer	<u>1,440</u>	<u>\$95.00</u>	<u>720</u>	<u>\$95.00</u>	<u>\$205,200.00</u>
On-Site Technician	_____	_____	<u>6,912</u>	<u>\$55.00</u>	<u>\$380,160.00</u>
Other (explain) _____	<u>2,880</u>	<u>\$50.00</u>	_____	_____	<u>\$144,000.00</u>
Admin. Asst.	_____	_____			

Description	Unit	Number of Units	Cost / Unit	Total Cost
Quality Assurance Testing	LS	<u>1</u>	<u>\$250,000.00</u>	<u>\$250,000.00</u>
Subtotal Professional Services:				<u>\$1,436,560.00</u>

Subtotal of 1-11 Above: \$21,237,328.86

12. Contingency 5 % of Subtotal of 1-11 Above \$1,061,866.44

Subtotal Contingency: \$1,061,866.44

Estimated Closing Cost Subtotal: \$22,299,195.30

Description	Total Cost
13. Site Specific Costs	
Mobilization	<u>\$891,967.81</u>
Waste Tire Facility	<u>\$207,139.00</u>
Materials Recovery Facility	<u> </u>
Special Wastes	<u> </u>
Leachate Management System Modification	<u> </u>
Other (explain) <u> </u>	<u> </u>
<u> </u>	
Subtotal Site Specific Costs:	<u>\$1,099,106.81</u>

TOTAL ESTIMATED CLOSING COSTS (\$): \$23,398,302.11

V. ANNUAL COST FOR LONG-TERM CARE

See 62-701.600(1)a.1., 62-701.620(1), 62-701.630(3)a. and 62-701.730(11)b. F.A.C. for required term length. For landfills certified closed and Department accepted, enter the remaining long-term care length as "Other" and provide years remaining.

(Check Term Length) ☐ 5 Years ☐ 20 Years ☒ 30 Years ☐ Other, ____ Years

Notes: 1. Cost estimates must be certified by a professional engineer.

2. Cost estimates based on third party suppliers of material, equipment and labor at fair market value.

3. In some cases, a price quote in support of individual item estimates may be required.

All items must be addressed. Attach a detailed explanation for all entries left blank.

Description	Sampling Frequency (Events / Year)	Number of Wells	(Cost / Well) / Event	Annual Cost
1. Groundwater Monitoring [62-701.510(6), and (8)(a)]				
Monthly	12			
Quarterly	4	10	\$425.00	\$17,000.00
Semi-Annually	2			
Annually	1			
Subtotal Groundwater Monitoring:				\$17,000.00
2. Surface Water Monitoring [62-701.510(4), and (8)(b)]				
Monthly	12			
Quarterly	4			
Semi-Annually	2	2	\$450.00	\$1,800.00
Annually	1			
Subtotal Surface Water Monitoring:				\$1,800.00
3. Gas Monitoring [62-701.400(10)]				
Monthly	12			
Quarterly	4	1	\$1,557.50	\$6,230.00
Semi-Annually	2			
Annually	1			
Subtotal Gas Monitoring:				\$6,230.00
4. Leachate Monitoring [62-701.510(5), (6)(b) and 62-701.510(8)c]				
Monthly	12			
Quarterly	4			
Semi-Annually	2			
Annually	1			
Other (explain) _____				
Subtotal Leachate Monitoring:				

Description	Unit	Number of Units / Year	Cost / Unit	Annual Cost
5. Leachate Collection/Treatment Systems Maintenance				
<u>Maintenance</u>				
Collection Pipes	LF			
Sumps, Traps	EA	1	\$750.00	\$750.00
Lift Stations	EA	1	\$750.00	\$750.00
Cleaning	LS	1	\$2,911.00	\$2,911.00
Tanks	EA	1	\$2,000.00	\$2,000.00

Description	Unit	Number of Units / Year	Cost / Unit	Annual Cost
5. (continued)				
<u>Impoundments</u>				
Liner Repair	SY	_____	_____	_____
Sludge Removal	CY	_____	_____	_____
<u>Aeration Systems</u>				
Floating Aerators	EA	_____	_____	_____
Spray Aerators	EA	_____	_____	_____
<u>Disposal</u>				
Off-site (Includes transportation and disposal)	1000 gallon	<u>14,347</u>	<u>\$40.00</u>	<u>\$573,880.00</u>
Subtotal Leachate Collection / Treatment Systems Maintenance:				<u>\$580,291.00</u>
6. Groundwater Monitoring Well Maintenance				
Monitoring Wells	LF LS	<u>1</u>	<u>\$500.00</u>	<u>\$500.00</u>
Replacement	EA	_____	_____	_____
Abandonment	EA	_____	_____	_____
Subtotal Groundwater Monitoring Well Maintenance:				<u>\$500.00</u>
7. Gas System Maintenance				
Piping, Vents	LF LS	<u>1</u>	<u>\$5,000.00</u>	<u>\$5,000.00</u>
Blowers	EA	<u>1</u>	<u>\$1,200.00</u>	<u>\$1,200.00</u>
Flaring Units	EA	<u>1</u>	<u>\$400.00</u>	<u>\$400.00</u>
Meters, Valves	EA	<u>1</u>	<u>\$500.00</u>	<u>\$500.00</u>
Compressors	EA	<u>1</u>	<u>\$500.00</u>	<u>\$500.00</u>
Flame Arrestors	EA	<u>1</u>	<u>\$1,200.00</u>	<u>\$1,200.00</u>
Operation	LS	<u>1</u>	_____	_____
Subtotal Gas System Maintenance:				<u>\$8,800.00</u>
8. Landscape Maintenance				
Mowing	AC	<u>166.4</u>	<u>\$295.80</u>	<u>\$49,221.12</u>
Fertilizer	AC	<u>166.4</u>	<u>\$153.55</u>	<u>\$25,550.72</u>
Subtotal Landscape Maintenance:				<u>\$74,771.84</u>
9. Erosion Control and Cover Maintenance				
Sodding	SY	<u>13.807</u>	<u>\$1.88</u>	<u>\$25,957.16</u>
Regrading	AC	<u>2.85</u>	<u>\$4,059.83</u>	<u>\$11,570.52</u>
Liner Repair	SY	<u>1,255</u>	<u>\$15.00</u>	<u>\$18,825.00</u>
Clay Top Soil	CY	<u>2,092</u>	<u>\$12.53</u>	<u>\$26,212.76</u>
Subtotal Erosion Control and Cover Maintenance:				<u>\$82,565.44</u>
10. Storm Water Management System Maintenance				
Conveyance Maintenance	LS	<u>1</u>	<u>\$19,056.04</u>	<u>\$19,056.04</u>
Subtotal Storm Water Management System Maintenance:				<u>\$19,056.04</u>
11. Security System Maintenance				
Fences	LS	<u>1</u>	<u>\$500.00</u>	<u>\$500.00</u>
Gate(s)	EA	_____	_____	_____
Sign(s)	EA	_____	_____	_____
Subtotal Security System Maintenance:				<u>\$500.00</u>

& 2 laborers)

Subtotal of 1-14 Above: \$1,016,234.32

15. Contingency	<u>5</u>	% of Subtotal of 1-14 Above	\$50,811.72
------------------------	----------	-----------------------------	-------------

Subtotal Contingency:	\$50,811.72
-----------------------	-------------

Subtotal Site Specific Costs:

ANNUAL LONG-TERM CARE COST (\$ / YEAR): \$1,067,046.03

Number of Years of Long-Term Care: 30

TOTAL LONG-TERM CARE COST (\$): \$32,011,380.94

VI. CERTIFICATION BY ENGINEER

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



Signature

Carlos A. Restrepo, P.E.
Sr. Project Engineer

Name and Title (please type)

4/15/15

Date

FL PE #70208 HDR CA #4213
Florida Registration Number
(please affix seal)

5426 Bay Center Drive, Suite 400

Mailing Address

Tampa, FL 33609-3444

City, State, Zip Code

carlos.restrepo@hdrinc.com

E-Mail address (if available)

813-262-2731

Telephone Number

VII. SIGNATURE BY OWNER/OPERATOR



Signature of Applicant

Kimberly A. Byer
Solid Waste Mgmt. Division Director

Name and Title (please type)

byerk@hillsboroughcounty.org

E-Mail address (if available)

332 North Falkenburg Road

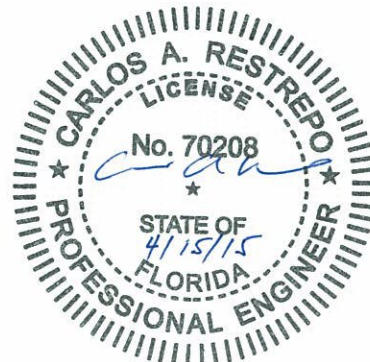
Mailing Address

Tampa, FL 33619

City, State, Zip Code

813-612-7718 Ext. 43131

Telephone Number



**Southeast County Landfill
Waste Tire Processing and Storage Facility (WTPF) Permit Renewal 2015
Updated Closure Cost Estimate**

Landfill Closure Cost Estimate Explanation of Quantities and Costs:

Item 13: Site Specific Costs

Waste Tire Final Closure was estimated by assuming disposal of maximum waste tires possible. The WTPF will have a total storage capacity of 29,065 cy of tires or 9,645 tons. Assume shredding operations will reduce the whole tire volume by half (i.e., 50%); therefore, for closure cost estimates, the WTPF will process approximately 7,533 cy of whole tires and 21,532 cy of shredded tires. Refer to Attachment C, for Storage Pad Calculations.

Loading:

Total trucks required = 292 (Refer to hauling)
Assume front end loader with operator can load 16 trucks/day
Days needed = 292 trucks / 16 trucks/day = 18.2 days

Loading fee based on \$880/day from Waste Management, Inc.
18.2 days x \$880/day = **\$16,106**

Hauling:

Whole waste tires will be disposed of at Wheelabrator McKay Bay Plant.
Hauling fee based on \$197.50/truck and 100 cy/truck Quote from Zimmer Equipment, Inc.

7,533 cy (whole waste tire) / 100 cy/truck = 76 trucks
76 trucks x \$197.50/truck = **\$15,010**

Shredded tires will be disposed of at Wheelabrator Ridge Energy Plant.
Hauling fee based on \$265/truck and 100 cy/truck Quote from Zimmer Equipment, Inc.

21,532 cy (shredded tire) / 100 cy/truck = 216 trucks
216 trucks x \$265/truck = **\$57,240**

Disposal:

Disposal fee based on \$71/ton for whole tire without rims at Wheelabrator McKay Bay Plant and \$0/ton for shredded tires (3" minus size) at Wheelabrator Ridge Energy Plant.

1,673 tons (whole waste tires without rims) x \$71/ton = **\$118,783**
7,972 tons (shredded tires) x \$0/ton = **\$0**

Total Closure Cost:

\$16,106 + \$15,010 + \$57,240 + \$118,783 = \$207,139

Zimmer Equipment, Inc

2811 N 62nd Street
Tampa, FL 33619

office@zeiosi.com

Phone 813-248-6524
Fax: 813-248-6539

PROPOSAL

SUBMITTED TO:	HDR, Inc.	DATE:	01/05/2015
	5426 Bay Center Drive		
	Suite 400	PHONE:	813-262-2731
	Tampa, FL 33609-3444		
ATTENTION:	Carlos Restrepo	FAX:	
	Carlos.restrepo@hdrinc.com		

WE HEREBY SUBMIT OUR QUOTE FOR THE FOLLOWING:

Walking floor transportation from 15960 CR 672, Lithia, FL to 107 North 34th Street, Tampa, FL at a rate of **\$197.50** per load. **Wheelabrator McKay Bay Plant**

Walking floor transportation from 15960 CR 672, Lithia, FL to 3131 K Ville Avenue, Auburndale, FL at a rate **\$265.00** per load **Wheelabrator Ridge Energy Plant**

Steel dump transportation from 15960 CR 672, Lithia, FL to 5210 Dover Street, Tampa, FL at a rate of \$165.00 per load.

TERMS & CONDITIONS

1. Equipment ordered not used will be priced on a case-by-case basis.
2. Demurrage: 1 hour free loading and unloading, \$75.00 per hour (\$18.75 per 15 min.) thereafter.
3. Customer is responsible for all applicable taxes.
4. Quote is good for 30 days from date of proposal.

***** PLEASE SIGN AND RETURN IF AGREED *****

WE PROPOSE hereby to furnish transportation only - complete in accordance with above specifications for the sum of:
-- listed above -- dollars (\$)

Payment to be made as follows: from date of invoice: net 21 days

All material is guaranteed to be as specified. All work to be completed in a substantial workman like manner according to specifications submitted, per standard practices. Operations

Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents, or delays beyond our control. Note: This proposal may be withdrawn by us if not accepted within 30 days.


Daniel J. Zimmermann President

ACCEPTANCE OF PROPOSAL:

Date of Acceptance: _____

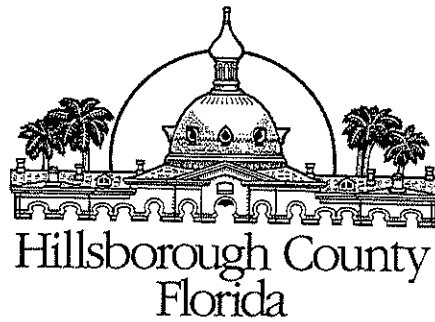
Signature: _____

The above prices, specifications and conditions are satisfactory to generator and are hereby accepted by generator. Transporter is hereby authorized to do the work as specified above. Payment will be made as specified above. Generator will be responsible for all costs, expenses and reasonable counsel fees incurred by or on behalf of transporter as a result of generators failure to remit payment as specified above. By my signature above, I certify that I am an authorized corporate officer or duly authorized representative of the above referenced company, and that I have the authority to agree to the acceptance of this proposal and to bind the above company to the prices and conditions stated herein.

ATTACHMENT F
Waste Tire Quarterly Progress Report Summary

BOARD OF COUNTY COMMISSIONERS

Kevin Beckner
Victor D. Crist
Ken Hagan
Al Higginbotham
Lesley "Les" Miller, Jr.
Sandra L. Murman
Mark Sharpe



Office of the County Administrator
Michael S. Merrill

CHIEF ADMINISTRATIVE OFFICER
Helene Marks

CHIEF FINANCIAL ADMINISTRATOR
Bonnie M. Wise

DEPUTY COUNTY ADMINISTRATORS
Lucia E. Garsys
Sharon D. Subadan

April 15, 2014

Ms. Susan J. Pelz, P.E.
Solid Waste Section
Florida Department of Environmental Protection, Southwest District
13051 N. Telecom Pkwy
Temple Terrace, Florida 33637

RE: Waste Tire Facility Quarterly Report- Permit No. 126787-004-WT/02

Dear Ms. Pelz:

In accordance with Rule 62-711, F.A.C. and Permit No 126787-004-WT/02, the Solid Waste Management Group (SWMG) is submitting the Quarterly Report for the Waste Tire Facility for the period January 1, 2014 through March 31, 2014.

The SWMG staff compiled the information from the site's daily reports for this Quarterly Report.

Should you have any questions or require additional information concerning this submittal, please contact me at (813) 671-7707.

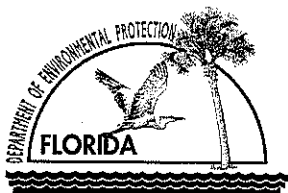
Sincerely

Larry E. Ruiz
Manager Landfill Operations
Solid Waste Management Division
Public Works Department

LER/cp

Attachments

xc: Ron Cope, EPC
Terry Payton, EPC
Steve Morgan, FDEP



Department of Environmental Protection

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

Waste Tire Processing Facility Quarterly Report

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

Quarter covered by this report 01/01/14 thru 03/31/14 (First quarter begins on January 1 of any given year)

- Facility name: Hillsborough County Southeast Landfill Waste Tire Facility
- Facility mailing address: 925 E. Twiggs Street
City: Tampa County: Hillsborough Zip: 33602
- Facility permit number: 126787-004-WT/02
- Facility telephone number (813) 671-7707
- Authorized person preparing report: Larry E. Ruiz
- Affiliation with facility: Owner Representative - Manager Landfill Operations
- Telephone number (if different from above): ()
- Activity: Report in tons

	Beginning Inventory	Received	Processed	Consumed	Removed	Adjustments	Ending Inventory
Used Tires	85.07	306.56	237.65		-237.65		
Other whole Tires							
Processed tires						-22.74	
Processing Waste						-5.12	
Other							
Total	85.07	306.56	237.65		-237.65	-27.86	126.12

- Explain all inventory adjustments. -22.74 tons of unprocessed truck tires; -5.12 tons of rims.
- List any period in which one or more category of inventory exceeded the permitted maximum for that category. How was that condition relieved?

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

9. Certification:

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

Larry E. Ruiz

Print Name of Authorized Agent

Larry E. Ruiz

Signature of Authorized Agent

4/15/14

Date

Mail complete form to
the appropriate district office

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

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
813-744-6100

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33902-2549
941-332-6975

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

**WASTE TIRE FACILITY
QUARTERLY TONNAGE REPORT
FIRST QUARTER 2014**

		FIRST QUARTER		Beginning Tonnage (Jan. 1, 2014) 85.07	
Month	Tires Received	Tires Shredded	Tons Adjusted	Rims Removed	Remarks
Jan. 2014	98.29	68.70	14.02		
Beginning Tons	85.07				
	183.36	-68.70	-14.02	0.00	
				Ending Tonnage	100.64
	* tons of chips stored for future use 150.59 tons of chips to RRF				
Month	Tires Received	Tires Shredded	Tons Adjusted	Rims Removed	Remarks
Feb. 2014	113.71	98.05		5.12	
Beginning Tons	100.64				
	214.35	-98.05	0.00	-5.12	
				Ending Tonnage	111.18
	* tons chips stored for future use 119.17 tons of chips to RRF				
Month	Tires Received	Tires Shredded	Tons Adjusted	Rims Removed	Remarks
Mar. 2014	94.56	70.90	8.72		
Beginning Tons	111.18				
	205.74	-70.90	-8.72	0.00	
				Ending Tonnage	126.12
	* tons of chips stored for future use ** No chips to RRF this month				
Month	Tires Received	Tires Shredded	Tons Adjusted	Rims Removed	Remarks
Jan. 2014	98.29	68.70	14.02	0.00	
Feb. 2014	113.71	98.05	0.00	5.12	
Mar. 2014	94.56	70.90	8.72	0.00	
Sub-Total	306.56	237.65	22.74	5.12	
Beginning Tons	85.07				
TOTAL	391.63	-237.65	-22.74	-5.12	
				Ending Tonnage	126.12



Board of County Commissioners

Kevin Beckner
Victor D. Crist
Ken Hagan
Al Higginbotham
Lesley "Les" Miller Jr.
Sandra L. Murman
Mark Sharpe

County Administrator

Michael S. Merrill

County Administrator

Executive Team

Lucia Garsys
Carl S. Harness
Gregory S. Horwedel
Liana Lopez
Bonnie Wise

County Internal Auditor

Michelle Leonhardt

County Attorney

Chip Fletcher

Public Works

PO Box 1110
Tampa, FL 33601-1110
Phone: (813) 272-5912
Fax: (813) 272-5811

Public Works

July 15, 2014

Mr. Steve Morgan

Solid Waste Section

Florida Department of Environmental Protection, Southwest District

13051 N. Telecom Pkwy

Temple Terrace, Florida 33637

RE: Waste Tire Facility Quarterly Report- Permit No. 126787-004-WT/02

Dear Mr. Morgan:

In accordance with Rule 62-711, F.A.C. and Permit No 126787-004-WT/02, the Solid Waste Management Group (SWMG) is submitting the Quarterly Report for the Waste Tire Facility for the period April 1, 2014 through June 30, 2014.

The SWMG staff compiled the information from the site's daily reports for this Quarterly Report.

Should you have any questions or require additional information concerning this submittal, please contact me at (813) 671-7707.

Sincerely,

Larry E. Ruiz

Manager Landfill Operations

Solid Waste Management Division

Public Works Department

LER/cp

Attachments

xc: Ron Cope, EPC
Terry Payton, EPC



Department of Environmental Protection

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

Waste Tire Processing Facility Quarterly Report

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

Quarter covered by this report 04/01/14 thru 06/30/14 (First quarter begins on January 1 of any given year)

- Facility name: Hillsborough County Southeast Landfill Waste Tire Facility
- Facility mailing address: 332 N. Falkenburg Road
City: Tampa County: Hillsborough Zip: 33619
- Facility permit number: 126787-004-WT/02
- Facility telephone number (813) 671-7707
- Authorized person preparing report: Larry E. Ruiz
- Affiliation with facility: Owner Representative - Manager Landfill Operations
- Telephone number (if different from above): ()
- Activity: Report in tons

	Beginning Inventory	Received	Processed	Consumed	Removed	Adjustments	Ending Inventory
Used Tires	126.12	310.13	111.32		-111.32		
Other whole Tires							
Processed tires						-14.27	
Processing Waste						-15.02	
Other							
Total	126.12	310.13	111.32		-111.32	-29.29	295.64

- Explain all inventory adjustments. -14.27 tons of unprocessed truck tires; -15.02 tons of rims.
- List any period in which one or more category of inventory exceeded the permitted maximum for that category. How was that condition relieved?

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

9. Certification:

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

Larry E. Ruiz

Print Name of Authorized Agent

Larry E. Ruiz

Signature of Authorized Agent

7/15/14

Date

Mail complete form to
the appropriate district office

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

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
941-332-6975

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

**WASTE TIRE FACILITY
QUARTERLY TONNAGE REPORT
SECOND QUARTER 2014**

		SECOND QUARTER		Beginning Tonnage (Apr. 1, 2014) 126.12	
Month	Tires Received	Tires Shredded	Tons Adjusted	Rims Removed	Remarks
Apr. 2014	115.84	68.76		4.83	
Beginning Tons	126.12				
	241.96	-68.76	0.00	-4.83	
				Ending Tonnage	168.37
	* All chips stored for future use 0.00 **No chips to RRF				
Month	Tires Received	Tires Shredded	Tons Adjusted	Rims Removed	Remarks
May 2014	85.85		8.28	0.00	
Beginning Tons	168.37				
	254.22	0.00	-8.28	0.00	
				Ending Tonnage	245.94
	* All chips stored for future use **No chips to RRF				
Month	Tires Received	Tires Shredded	Tons Adjusted	Rims Removed	Remarks
Jun. 2014	108.44	42.56	5.99	10.19	
Beginning Tons	245.94				
	354.38	-42.56	-5.99	-10.19	
				Ending Tonnage	295.64
	* All chips stored for future use **No chips to RRF				
Month	Tires Received	Tires Shredded	Tons Adjusted	Rims Removed	Remarks
Apr. 2014	115.84	68.76	0.00	4.83	
May 2014	85.85	0.00	8.28	0.00	
Jun. 2014	108.44	42.56	5.99	10.19	
Sub-Total	310.13	111.32	14.27	15.02	
Beginning Tons	126.12				
TOTAL	436.25	-111.32	-14.27	-15.02	
				Ending Tonnage	295.64



Public Works

October 14, 2014

Mr. Steve Morgan
Solid Waste Section
Florida Department of Environmental Protection, Southwest District
13051 N. Telecom Pkwy
Temple Terrace, Florida 33637

RE: Waste Tire Facility Quarterly Report- Permit No. 126787-004-WT/02

Dear Mr. Morgan:

In accordance with Rule 62-711, F.A.C. and Permit No 126787-004-WT/02, the Solid Waste Management Group (SWMG) is submitting the Quarterly Report for the Waste Tire Facility for the period July 1, 2014 through September 30, 2014.

The SWMG staff compiled the information from the site's daily reports for this Quarterly Report.

Should you have any questions or require additional information concerning this submittal, please contact me at (813) 671-7707.

Sincerely,



Larry E. Ruiz

Manager Landfill Operations
Solid Waste Management Division
Public Works Department

LER/cp

Attachments

xc: Ron Cope, EPC
Terry Payton, EPC

Board of County Commissioners

Kevin Beckner
Victor D. Crist
Ken Hagan
Al Higginbotham
Lesley "Les" Miller Jr.
Sandra L. Murman
Mark Sharpe

County Administrator

Michael S. Merrill

County Administrator

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Bonnie Wise

County Internal Auditor

Michelle Leonhardt

County Attorney

Chip Fletcher

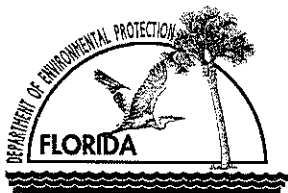
Public Works

PO Box 1110

Tampa, FL 33601-1110

Phone: (813) 272-5912

Fax: (813) 272-5811



Department of Environmental Protection

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

Waste Tire Processing Facility Quarterly Report

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

Quarter covered by this report 07/01/14 thru 09/30/14 (First quarter begins on January 1 of any given year)

- Facility name: Hillsborough County Southeast Landfill Waste Tire Facility
- Facility mailing address: 332 N. Falkenburg Road
City: Tampa County: Hillsborough Zip: 33619
- Facility permit number: 126787-004-WT/02
- Facility telephone number (813) 671-7707
- Authorized person preparing report: Larry E. Ruiz
- Affiliation with facility: Owner Representative - Manager Landfill Operations
- Telephone number (if different from above): ()
- Activity: Report in tons

	Beginning Inventory	Received	Processed	Consumed	Removed	Adjustments	Ending Inventory
Used Tires	295.64	319.59	73.19		-73.19		
Other whole Tires							
Processed tires						-9.80	
Processing Waste						-5.26	
Other							
Total	295.64	319.59	73.19		-73.19	-15.06	526.98

- Explain all inventory adjustments. -9.80 tons of unprocessed truck tires; -5.26 tons of rims.
- List any period in which one or more category of inventory exceeded the permitted maximum for that category. How was that condition relieved?

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

9. Certification:

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

<u>Larry E. Ruiz</u>	<u>Larry E. Ruiz</u>	<u>10/14/14</u>
Print Name of Authorized Agent	Signature of Authorized Agent	Date

Mail complete form to
the appropriate district office

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

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
813-744-6100

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33902-2549
941-332-6975

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

**WASTE TIRE FACILITY
QUARTERLY TONNAGE REPORT
THIRD QUARTER 2014**

		THIRD QUARTER		Beginning Tonnage (Jul. 1, 2014) 295.64	
Month	Tires Received	Tires Shredded	Tons Adjusted	Rims Removed	Remarks
Jul. 2014	97.04	63.92			
Beginning Tons	295.64				
	392.68	-63.92	0.00	0.00	
				Ending Tonnage	328.76
	* All chips stored for future use **No chips to RRF				
Month	Tires Received	Tires Shredded	Tons Adjusted	Rims Removed	Remarks
Aug. 2014	113.37	9.27	9.80	5.26	
Beginning Tons	328.76				
	442.13	-9.27	-9.80	-5.26	
				Ending Tonnage	417.80
	* All chips stored for future use **No chips to RRF				
Month	Tires Received	Tires Shredded	Tons Adjusted	Rims Removed	Remarks
Sep. 2014	109.18				
Beginning Tons	417.80				
	526.98	0.00	0.00	0.00	
				Ending Tonnage	526.98
	* All chips stored for future use **No chips to RRF				
Month	Tires Received	Tires Shredded	Tons Adjusted	Rims Removed	Remarks
Jul. 2014	97.04	63.92	0.00	0.00	
Aug. 2014	113.37	9.27	9.80	5.26	
Sep. 2014	109.18	0.00	0.00	0.00	
Sub-Total	319.59	73.19	9.80	5.26	
Beginning Tons	295.64				
TOTAL	615.23	-73.19	-9.80	-5.26	
				Ending Tonnage	526.98



Hillsborough County

January 14, 2015

**Board of County
Commissioners**

Kevin Beckner
Victor D. Crist
Ken Hagan
Al Higginbotham
Lesley "Les" Miller Jr.
Sandra L. Murman
Stacy R. White

County Administrator

Michael S. Merrill

County Administrator

Executive Team

Lucia E. Garsys
Carl S. Harness
Gregory S. Horwedel
Liana Lopez
Bonnie M. Wise

County Internal Auditor

Michelle Leonhardt

County Attorney

Chip Fletcher

Mr. Steve Morgan
Solid Waste Section
Florida Department of Environmental Protection, Southwest District
13051 N. Telecom Pkwy
Temple Terrace, Florida 33637

RE: Waste Tire Facility Quarterly Report- Permit No. 126787-004-WT/02

Dear Mr. Morgan:

In accordance with Rule 62-711, F.A.C. and Permit No 126787-004-WT/02, the Solid Waste Management Division (SWMD) is submitting the Quarterly Report for the Waste Tire Facility for the period October 1, 2014 through December 31, 2014.

The SWMD staff compiled the information from the site's daily reports for this Quarterly Report.

Should you have any questions or require additional information concerning this submittal, please contact me at (813) 671-7707.

Sincerely,

Larry E. Ruiz
Manager Landfill Operations
Solid Waste Management Division
Public Works Department

LER/cp

Attachments

xc: Ron Cope, EPC
Terry Payton, EPC

**WASTE TIRE FACILITY
QUARTERLY TONNAGE REPORT
FOURTH QUARTER 2014**

		FOURTH QUARTER		Beginning Tonnage (Oct. 1, 2014) 526.98	
Month	Tires Received	Tires Shredded	Tons Adjusted	Rims Removed	Remarks
Oct. 2014	133.11	78.16	7.91	5.45	
Beginning Tons	526.98				
	660.09	-78.16	-7.91	-5.45	
				Ending Tonnage 568.57	
	* All shredded chips taken to Landfill **No chips to RRF				
Month	Tires Received	Tires Shredded	Tons Adjusted	Rims Removed	Remarks
Nov. 2014	273.23		26.87	5.14	
Beginning Tons	568.57				
	841.80	0.00	-26.87	-5.14	
				Ending Tonnage 809.79	
	* All chips stored for future use **No chips to RRF				
Month	Tires Received	Tires Shredded	Tons Adjusted	Rims Removed	Remarks
Dec. 2014	128.44	100.90	13.66	8.43	
Beginning Tons	809.79				
	938.23	-100.90	-13.66	-8.43	
				Ending Tonnage 815.24	
	* All shredded chips taken to Landfill **No chips to RRF				
Month	Tires Received	Tires Shredded	Tons Adjusted	Rims Removed	Remarks
Oct. 2014	133.11	78.16	7.91	5.45	
Nov. 2014	273.23	0.00	26.87	5.14	
Dec. 2014	128.44	100.90	13.66	8.43	
Sub-Total	534.78	179.06	48.44	19.02	
Beginning Tons	526.98				
TOTAL	1,061.76	-179.06	-48.44	-19.02	
				Ending Tonnage 815.24	



Department of Environmental Protection

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

Waste Tire Processing Facility Quarterly Report

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

Quarter covered by this report 10/01/14 thru 12/31/14 (First quarter begins on January 1 of any given year)

1. Facility name: Hillsborough County Southeast Landfill Waste Tire Facility
2. Facility mailing address: 332 N. Falkenburg Road
City: Tampa County: Hillsborough Zip: 33619
3. Facility permit number: 126787-004-WT/02
4. Facility telephone number (813) 671-7707
5. Authorized person preparing report: Larry E. Ruiz
6. Affiliation with facility: Owner Representative - Manager Landfill Operations
7. Telephone number (if different from above): ()
8. Activity: Report in tons

	Beginning Inventory	Received	Processed	Consumed	Removed	Adjustments	Ending Inventory
Used Tires	526.98	534.78	179.06		-179.06		
Other whole Tires							
Processed tires						-48.44	
Processing Waste						-19.02	
Other							
Total	526.98	534.78	179.06		-179.06	-67.46	815.24

- a. Explain all inventory adjustments. -48.44 tons of unprocessed truck tires; -19.02 tons of rims.
- b. List any period in which one or more category of inventory exceeded the permitted maximum for that category. How was that condition relieved?

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

9. Certification:

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

Larry E. Ruiz

Print Name of Authorized Agent

Larry E. Ruiz

Signature of Authorized Agent

1/14/15

Date

Mail complete form to
the appropriate district office

Northwest District
160 Governmental Center
Pensacola, FL 32501-5794
850-595-6360

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
813-744-6100

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33902-2549
941-332-6975

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

ATTACHMENT G
WTPF Site Plan

Full Size Drawings bounded separately



KEVIN BECKNER
VICTOR CRIST
KEN HAGAN
AL HIGGINBOTHAM
LES MILLER
SANDRA MURMAN
STACY WHITE

HDR Engineering, Inc.
5426 Bay Center Drive
Suite 400
Tampa, FL 33609-3444
HDR CA# 4213



0

SCALE IN MILES

SITE VICINITY MAP

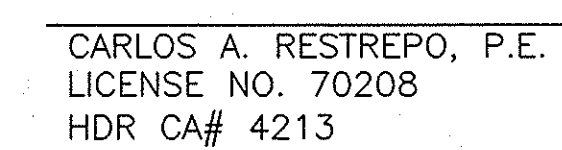
Waste Tire Processing Facility

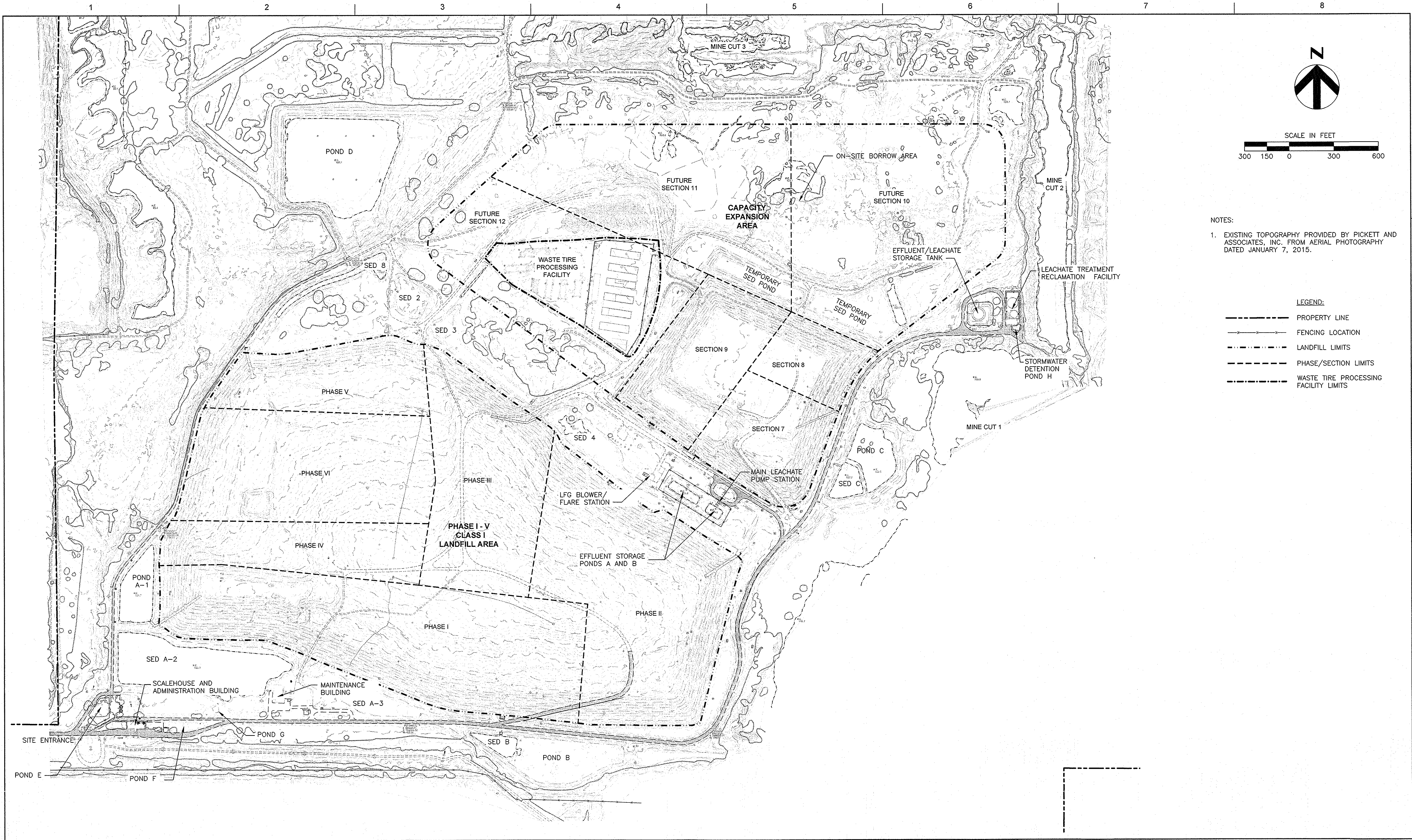
Permit Renewal

Southeast County Landfill Hillsborough County, Florida

April 2015

G-01	COVER SHEET
C-01	OVERALL SITE PLAN
C-02	WASTE TIRE PROCESSING FACILITY SITE PLAN

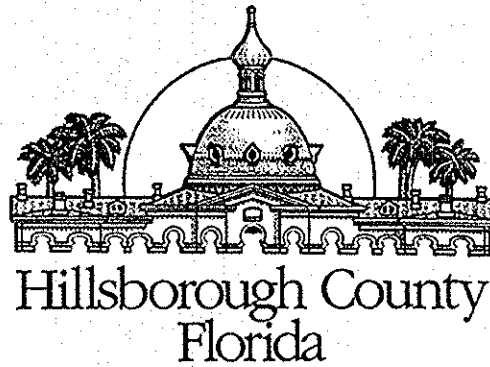
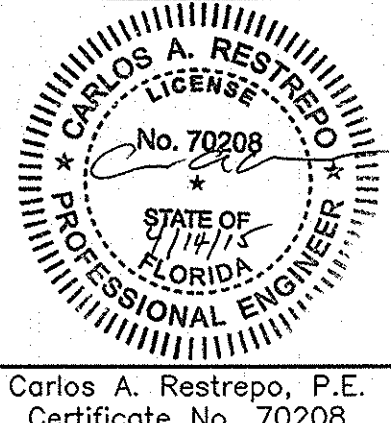




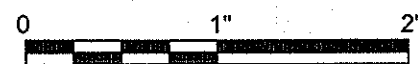
HDR Engineering, Inc.
5426 Bay Center Drive
Suite 400
Tampa, FL 33609-3444
HDR CA# 4213

A	04/2015	FDEP PERMIT RENEWAL SUBMITTAL
ISSUE	DATE	DESCRIPTION

PROJECT MANAGER	R. SIEMERING
DEVELOPED BY	C. RESTREPO, P.E.
DRAWN BY	J. THORPE
CHECKED BY	R. CURTIS, P.E.
PROJECT NUMBER	0100-243250-005

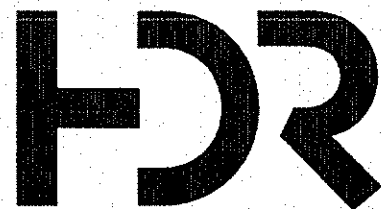
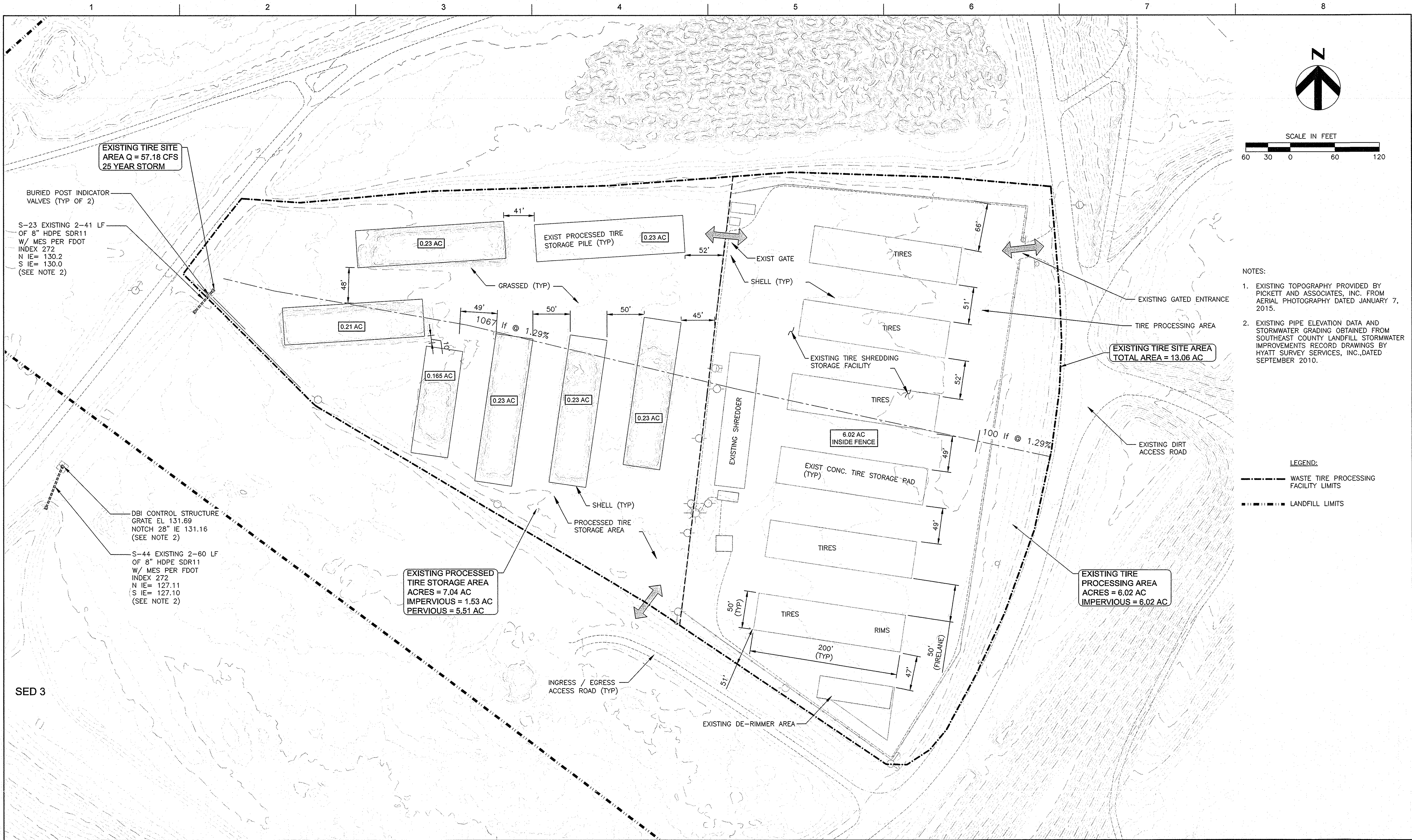


WASTE TIRE
PROCESSING FACILITY
2015 PERMIT RENEWAL
SOUTHEAST COUNTY
LANDFILL



FILENAME | C-01.DWG
SCALE | AS SHOWN

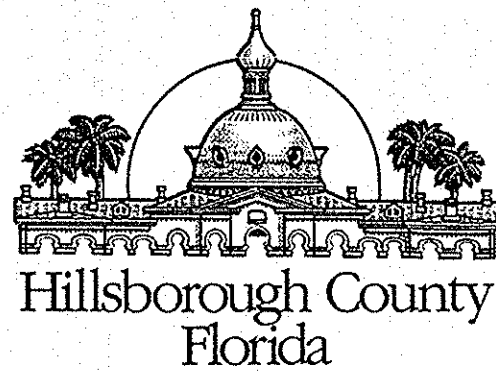
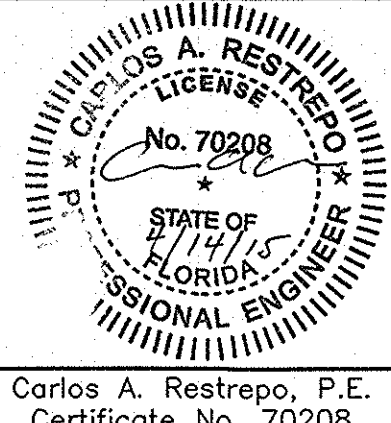
SHEET
C-01



HDR Engineering, Inc.
5426 Bay Center Drive
Suite 400
Tampa, FL 33609-3444
HDR CA# 4213

A 04/2015 FDEP PERMIT RENEWAL SUBMITTAL		
ISSUE	DATE	DESCRIPTION

PROJECT MANAGER	R. SIEMERING
DEVELOPED BY	C. RESTREPO, P.E.
DRAWN BY	J. THORPE
CHECKED BY	R. CURTIS, P.E.
PROJECT NUMBER	0100-243250-005



WASTE TIRE
PROCESSING FACILITY
2015 PERMIT RENEWAL
SOUTHEAST COUNTY
LANDFILL

WASTE TIRE PROCESSING FACILITY
SITE PLAN



FILENAME C-02.DWG
SCALE AS SHOWN

SHEET

C-02