Transmittal Letter

March 29, 2023

Apex Companies, LLC

5909 Breckenridge Parkway

Suite E

Tampa, FL 33610 Office: 813-248-8558 ww.apexcos.com



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Florida Department of Environmental Protection

Central District

Solid Waste Management

3319 Maguire Boulevard, Suite 232

Orlando, Florida 32803

Attention:

Solid Waste Management

Global Tire Recycling of Sumter

Re:

County, Inc.

Permit Number: 136808-007-WT

		A C	We are send	ling	you	
x	Attached		Under Separate Cover	via:		
	Report		Prints		Plans	
	Copy of Letter		Change Order		Samples	
	Specifications		Payment Request	×	Renewal Application	

Submittal	Quantity	Date	DWG. #	Description
1	1	3/23/23	-	Permit Renewal Fee
1	1	3/29/23	_	Waste Tire Processing Facility Permit Renewal Application
				# 53/22

The	ese are transmitted as che	ecke	ed below		
	For Approval		Approved as Submitted		Resubmit copies for approval
	For Your Use		Approved as Noted		Submit [#] copies for distribution
	As Requested		Returned for Corrections	□	Return [#] corrected prints
	For Review and Comment		Revise and Resubmit/We	ork Ma	ay Not Proceed
	FOR BIDS DUE:				PRINTS RETURNED AFTER LOAN
Cor	mments:			H 12 11	
Co	py to:	in E			
	RECEIV	Æ	D Signatur	re: Je	ffrey A. Borgmeyer, P.E.

MAR 2 9 2023



PERMIT RENEWAL APPLICATION

For:

GLOBAL TIRE RECYCLING OF SUMTER COUNTY 1201 INDUSTRIAL DRIVE WILDWOOD, SUMTER COUNTY, FLORIDA Permit # 0136808-007-WT

Prepared For:

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION SOILD WASTE DIVISION

Central District Office 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767

Prepared By:

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MAR 2 9 2023

DEP Central District

APEX COMPANIES, LLC

5909 Breckenridge Parkway Suite E Tampa, Florida 33610 (813) 248-8558

APEX Project #: GLO010-0206034-22011872

March 13, 2023





March 13, 2023

Apex Project: GLO010-0206034-22011872

Florida Department of Environmental Protection Central District Solid Waste Management – Permit and Waste Cleanup 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803

RE: Global Tire Recycling of Sumter County

1201 Industrial Drive

Wildwood, Sumter County, Florida

Permit #: 0136808-007-WT

Apex Companies, LLC is pleased to submit this Permit Renewal Application. Enclosed herein is the permit renewal application for Global Tire Recycling of Sumter County, at the above referenced address and permit number. The applicant for this permit renewal is Global Tire Recycling of Sumter County, Inc.

The Engineer of Record for this application is Jeffrey A. Borgmeyer, and a separate page is included herein for the Professional Engineer's Certification.

Publication of the department's Notice of Intent to Issue a Permit is not recommended for this renewal application as this is a tire recycling facility and no public confrontations have taken place during the term of the permit.

Should you have any further questions or comments, please feel free to contact us at your convenience.

Sincerely.

Apex Companies, LLC

Jeffrey A. Borgmeyer, P.E Senior Engineer



PERMIT RENEWAL APPLICATION

For:

GLOBAL TIRE RECYCLING OF SUMTER COUNTY 1201 INDUSTRIAL DRIVE WILDWOOD, SUMTER COUNTY, FLORIDA March 2023

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SECTION 1

PROFESSIONAL ENGINEER'S CERTIFICATION



PERMIT RENEWAL APPLICATION

For:

GLOBAL TIRE RECYCLING OF SUMTER COUNTY
1201 INDUSTRIAL DRIVE
WILDWOOD, SUMTER COUNTY, FLORIDA
March 13, 2023

P.E. CERTIFICATION

In accordance with Chapter 471, Florida Statutes, I hereby certify that applicable portions of this technical document and associated work comply with standard professional practices, and rules of the Department, and any other applicable laws and rules governing the engineering profession. I, Jeffrey A. Borgmeyer, P.E. hereby certify that all engineering aspects of this project have been performed by me or under my direct supervision. *Apex Companies, LLC. is* a Florida Certified Engineering Business.

Jeffrey A. Borgmeyer, P.E. J. S. B. S. B.

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MAR 29 2023

DEP Central District



SECTION 2 PERMIT APPLICATION



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

Per	mit No.	136808-	007-WT						
Rer	newal 🔳	Modi	fication		Existing unp	ermitted facility		Proposed	I new facility □
Par	t I-Gene	ral Inform	ation:						
A.	Applic	ant Inform	nation:						
1	Applica	nt Name:	Global T	ire Recyclin	g of Sumter	County, Inc.			
2	Applica	nt Street A	Address:	1201 Indus	trial Drive				
3.	City: \	Vildwood			County:	Sumter		Zip:	34785
4.	Applica	nt Mailing	Address:	1201 Indu	strial Drive				
5.	City: V	Vildwood			County:	Sumter		Zip:	34785
6.	Contac	t person:	Mark Bai	leyF	hone: (352	330-2213	ſ	FEID No:	65-0663701
	of a per does no does no Yes	d waste m mit or reg ot include a ot constitut	lanagemen istration, as a Warning L e agency a No □	t facility in thi well as any etter, Warnin ction.	s state? This Consent Ord ig Notice, No	includes any (er in which a vi	Complaint, No iolation of Dep ipliance, or ot	otice of Vi partment her simila	to the operation of olation, or revocation rules is admitted. It ar document which actions.
В.	Facility	Informati	on:						
1.	Facility	Name: G	lobal Tire	Recycling of	f Sumter Co	ounty, Inc.			
2.	Facility	Street Ado	Iress (Main	Entrance):	1201 Indu	strial Drive			
3.	City: V	/ildwood			County:	Sumter		Zip:	34785
4.	Facility	Mailing Ad	dress: S	ame as abo	ve				
5.	City: _				State:			Zip:	(
6.	Contact	Person:	Mark Ba	iley		Phone	: (352)330-	2213	
7.	Facility l	Location C	oordinates	:					
	Section:	7			Townsh	ip: <u>19S</u>		Range:	23E
	Latitude	: <u>28° 51'</u>	21"			Longitude: 82	° 02' 55"		
8.	Anticipa	ted date fo	ा starting c	onstructio n	N/A	and fo	or completion	of constru	uction N/A
9.	Anticipa	ted date fo	r receipt of	tires N/	Α	and fo	or start of proc	essing	N/A
					المالية	. d 6 6.			

Mail completed form to appropriate district office listed below

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)

C.	Owner's name:	rmation (if differen Same as applicar	it from applicant): nt			
2	. Land owner's mai	ling address:				
3	8. City:		State:		Zip:	
4	. Authorized Agent	:		Agent's pho	ne ()	
5	. Current lease exp	ires:				
D. 1.	Facility Operator Operator's name:	Information (if diff Same as applic	ferent from applican ant	•		
2.	Operator's mailing	address:				
	City:					
4.	Contact person:			Phone: ()	
E. 1.	Preparer of Appli Name of person p	i cation: reparing application	Jeffrey A. Bo	orgmeyer		
2.	Mailing address:	5909 Breckenrid	ge Parkway, Suite	E		
3.	City: Tampa		State: Flo	orida	Zip:	33610
4.	Phone: (813)24	8-8558				
5.	Affiliation with facil	ity: Consulting	Engineer			
	t II-Operations: Facility type (chec	k appropriate box):			
	Waste tire processi	ng facility.				
	Waste tire processi	ng facility with on -s	site disposal of proc	essed tires or proc	essing residuals.	
	Waste tire processi	ng facility with on -s	ite consumption of	waste tires or proce	essing residuals.	
	Permitted solid was	te management fac	cility modification to	allow wa ste tire sit	e and processing.	
В.	Type of processing	g facility (check as	s many as apply):			
- 50		Cutter ■Cho Supplemental fuel u	110-447	ator only □Incine explain <u>Grinder</u>	rator with energy re	covery
C. :	Storage: Indicate the expressed in tons, to	ne maximum quantito to be stored at the fa	ties of whole waste acility, in accordanc	tires, processed very with Rule 62-711.	waste tires, and pro 530(2), F.A.C.	cessing residuals,
		Outdoor Storage(tons)	Outdoor Storage (sq.ft)	Indoor Storage (tons)	Indoor Storage (sq.ft)	Total Storage (tons)
W	hole waste tires:	1,152	22,322	136	2,722	1,288
Pr	ocessed tires:	935	20,000	720	5,500	1,655
Pr	ocessing residuals:	235	2,650	0	0	235
TO	DTALS:	2,322	44,972	856	8,222	3,178

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)

D.	For reporting qua	intity of tires in tons, tires will be:	_	ed on site ⊔ ts will be calculated	weighed off site	_
E.		not be disposing of processed tire aste management facility where p				ust indicate the
1.	Name of facility	residuals to: Advanced Dispos	sal - O	cala TSF		
2.	Street address:	5111 S. Pine Avenue				
3.	City: Ocala	Co	unty:	Marion	Zip:	34480
	markets for those Non-residual ma FDOT crumb rub	be delivering processed tires to co processed tires. terial (crumb rubber) will continue ber modified asphalt per their so ntinue to be sold to the rapidly	ue to I	pe sold to Florida The remaining 20	asphalt blenders 0% of the crumb r	for use in ubber
172						

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
 - 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;
 - 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;
 - All structures and buildings that are, or will be, constructed at the fac ility; 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.
- 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.
- A description of how the operator will maintain compliance with each of the storage requirements of Rule 62 -711.540, F.A.C.
- 6. A copy of the emergency preparedness manual for the facility with a statement of the on site and off site locations where that manual will be maintained.
- 7. A copy of the fire safety survey
- 8. A description of how 75% of the annual accumulation of waste tires will be removed for disposal or recycling.
- c. Completed closing plan for the facility as required by Rule 62 -711.700(2) and (3), F.A.C.

DEP Form # 62-701.900(23)

Form Title: Waste Tire Processing

Facility Permit Application

Effective Date: January 6, 2010 Incorporated in Rule 62-711.530(6)

- Attach proof of financial responsibility as requirement by Rule 62 -711.500(3) OR a calculation showing that D. 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.
- A letter from the land owner (if different from applicant) authorizing use of the land as a waste tire pr ocessing E. facility.
- If waste tires will be consumed or diposed of at the facility, attach a description of the other environmental F. 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-Ce	ertifica	ation:
		,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	4610111

Δ	Anni	licant:

The information in this application is true, correct and correct, the undersigned agrees to comply with the provingulations of the Department. It is understood that the I	information are an application for a epartment of Environmental Protection an mplete to the best of his knowledge and b sions of Chap ter 403, Florida Statutes, a	d certifies that selief.
of the facility.		-
Mylocalos	Mark Bailey - Vice President	7-22-23
Signature of Applicant or Authorized Agent	Name and Title	3-22-23 Date
B. Professional Engineer registered in Florida. This is to certify that the engineering features of this Designed/examined by me and found to conform to engir professional judgment, this facility, when properly maintathe State of Florida and rules of the Department. It is agriset of instructions for proper maintenance and operation of the Department o	neering principals applicable to such facili ined and operated will comply with all app reed that the undersigned will provide the	t ies. In my Dicable statues of applicant with a
Name and Title	City, State, Zip	
51873	813-248-8558 ext 4605	
Florida Registration Number : 0 - 3/27/2023, PO FLOR	Telephone numbe	
	3/27/20	23
(please affix seal)	Date	

MAR 29 2023 **DEP Central District**

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SECTION 3

OPERATIONS PLAN AND EMERGENCY PREPAREDNESS MANUAL



OPERATIONS PLAN FOR PERMIT RENEWAL

For:

GLOBAL TIRE RECYCLING OF SUMTER COUNTY
1201 INDUSTRIAL DRIVE
WILDWOOD, SUMTER COUNTY, FLORIDA

1.0 Introduction

This Operations Plan for Global Tire Recycling of Sumter County (Global) has been prepared as shown in the bottom left corner of the document and is effective as of that date. This permit renewal document is meant to be an all-inclusive plan and supersedes all previous documents, including the previously approved Operations Plan for Global Tire Recycling of Sumter County, dated April 2018 and before that, May 2013. Notice of permit renewal will be published when the department issues the Notice of Intent to Issue a Permit.

2.0 Facility Description and Design

The facility is located at 1201 Industrial Drive, Wildwood, Sumter County, Florida, and is operated as a waste tire collection, processing, and recycling facility. The site consists of one building, in two parts. The larger portion of the building to the west is used for processing the used tires. The smaller, eastern portion is used for offices, testing areas, and for product display. The Site Plan, showing the as-built condition, was originally dated 4/1/98 and was prepared by Robert L. Rogers Engineering Co. Inc. This figure was submitted to the FDEP as Figure 1 of 1 in April 1998. An updated Site Plan was submitted as Sheet 1 of 1, prepared by Robert L. Rogers Engineering Co. Inc., and was dated April 16, 2003. The Site Plan was again revised for permit renewals in 2008 and 2013. A current Facility Plot Plan, denoted as Figure 1, showing the present site layout is included with this submittal. No changes have been made in the years since the 2018 submittal to the facility or anticipated volumes for this 2023 updated Figure 1. Also, a reduced Plot Plan is included with this Operations Plan for ease of use by the regulatory inspector.

Global is located within the City of Wildwood Willard Peebles Industrial Park and is not within 200 feet of any natural or artificial body of water, including wetlands. Rogers Engineering submitted a



certification letter, dated March 7, 2003, indicating that the area was inspected and that no water bodies, potable water wells, or wetlands were located within 500 feet of the site. Pursuant to a site reconnaissance by Jeffrey A. Borgmeyer, P.E. on November 16, 2022, it was again confirmed that no water bodies, potable water wells, or wetlands currently lie within 500 feet of the site.

A Boundary & Topographical Survey plan, dated April 15, 2008, was completed and was included in the April 2008 Permit Renewal Submittal. This 2008 Boundary & Topographical Survey plan, is still valid and therefore a revised plan is not being submitted as part of this permit renewal. Current Facility Section Maps, denoted as Figures 2 and 3, showing the present land use and zoning, respectively, are included with this submittal. A February 2023 City of Wildwood zoning map was utilized for the updated Figure 3.

The Site Grading Plan (Sheet 4 of 5, dated August 27, 1997 by Robert L. Rogers Engineering Co.) was previously filed with the FDEP as part of Attachment D to the Waste Tire Processing Permit Application dated 1/12/98 and indicated that outside elevations are such as to direct liquid runoff from any potential waste tire fire away from the perimeters of the site and away from any water body. Pursuant to a site reconnaissance by Jeffrey A. Borgmeyer, P.E. on November 16, 2022, site grading remains unchanged. Since the previously submitted Site Grading Plan (Sheet 4 of 5, dated August 27, 1997 by Robert L. Rogers Engineering Co.) is still valid, a revised plan is not being submitted as part of this permit renewal.

Production and storage areas are on, or surrounded by, concrete or asphalt paving. Other landscaped areas will be maintained so as to minimize risk of fire. An attendant or guard shall remain on duty at the gatehouse, or at times in other locations, during all hours of operation, and at all times that the access gate is open.

3.0 Facility Operation

Global is operated as a tire recycling facility and as such has numerous stages of operation, including receiving of waste product, storage of product, processing of product, removal of non-rubber materials, storage of processed materials, and removal of processed materials.



3.1 Process and Products

A confidential Process Description document was submitted with the 1998 application as Attachment H. An updated document was submitted as Attachment H in the 2003 permit renewal application, and was dated February 25, 2003 and revised May 2, 2003. Since the Process Description document is still valid in 2018, and due to confidentiality and proprietary information, this document is not being re-submitted.

3.2 Processing Equipment

Global's Production Equipment Book was submitted with the 1998 application as Attachment I and Attachment C. Attachment I of the 2003 Application included the Production Equipment Book with Equipment List Index/Horsepower, Electrical Specs and Capacities/Manning Table. The document dates were February 13, 1998, with revisions March 2003 and May 2003. These documents are referenced herein as the current documents with no changes since the last submittal in 2013. The equipment and layout of that equipment remain unchanged. Figures previously submitted showing the processes involved included the following prepared by Riddle Consulting Engineers, dated September 16, 1997:

FIGURE#	TITLE
A-1	Overall Floor Plan
A-2	Office Floor Plan
A-3	Bath/Break/Lab Floor Plan
A-4	Exterior Elevations
E-1	Office Power Layout Plan
E-2	Office Lighting Plan
E-3	Production Area Lighting Plan
E-4	Production Area Power Plan
E-5	Panel Schedules
E-6	Fixture Schedules/Riser Diagram & Instructions to Contractors
E-7	Parking Lot Lighting Plan
M-1	Reflective Ceiling Plan



FIGURE #	TITLE	
M-2	Production Area Fire Protection Plan	
M-3	Office Fire Protection Plan	
M-4	HVAC Plan	
P-1	Production Area Plumbing Plan	
P-2	Office Plumbing Plan	
S-1	Foundation Plan	
S-2	Typical Section and Details	

3.3 Waste Process Description

The facility has processed approximately 32 million pounds of tires annually. The scrap rate is approximately 34% for 10.88 million pounds of scrap. The scrap composition is consistently 22% wire/rubber and 12% fiber/rubber. These residuals are loaded into opentop bulk containers for sale or disposal, or loaded into roll-off containers to be hauled off by Advanced Disposal to its Ocala TSF facility.

3.4 Daily and Annual Throughput

The maximum daily throughput of the system is 4,000 pounds of crumb rubber finished product per hour, or 96,000 pounds of crumb rubber finished product per 24 hour day. With a 34% scrap rate, 142 tons, or 14,200 whole passenger tire equivalents (PTE's), can be processed in each 24 hour period. The planned throughput is approximately 39.36 million pounds annually.

3.5 Operational Compliance

The Global facility receives tires from the general public, in addition to Florida FDEP-registered waste tire collectors or holders of Florida waste tire processing permits. Both are allowed to recycle or process tires at the Global recycling plant. A sign is posted at the entrance to the facility stating the operating hours, costs of disposal, and site rules. All roadways on Global's property will remain passable for motor vehicles. Industrial Drive will never be used as a staging or waiting area. A 50 foot wide fire lane will be maintained at each tire pile, with unobstructed emergency equipment access. Access to the site will be



controlled by fencing around the perimeter with a locking gate observed by the gatehouse attendant.

A copy of the Emergency Preparedness Manual, revised November 9, 2022, is kept on file at the facility in the foreman's office and is updated yearly or upon changes in operations at the site. Record keeping is in accordance with Chapter 62-711.530(4) and (5) and by the Quarterly and Annual Waste Tire Processing Facility Reports. Additionally, record keeping requirements of OSHA 29CFR1910.20 will be followed. The facility maintains a land line phone system, as well has having key personnel equipment with cellular phones in order to assure prompt communication with the fire department if necessary.

No official Enforcement Action has been required in the last five years.

For a prior permitted period, on October 27, 2008, the FDEP's Air Resource Management Program conducted an inspection of Global's facility. The inspection revealed that Global failed to conduct visible emission testing in 2008. In April 2009 a Warning Letter (WL08-0067AS60SWD) was issued by the Department requiring emission testing. In December 2009 a settlement was reached after corrective actions were performed. Civil penalties in the amount of \$2,250.00 were paid in January 2010 and the case was closed in May 2010. Enforcement Action documentation is included herein.

The City of Wildwood Fire Chief has reviewed and approved the previously submitted fire safety and protection plans. Fire safety survey/inspections are performed on an annual basis by the Sumter County Fire Department. The last annual fire inspection was performed on October 7, 2022 with no violations found. A copy of the inspection form is attached herein. In the event of a fire or other emergency, Global will contact the Florida State Watch Office (SWO) at 800-320-0519, with a follow up written report. No open flames are allowed within 25 feet of any waste tire pile and signs will remain posted within and outside of the plant near the live floor hoppers to remind all employees and visitors of



this requirement. The machine shop area containing welding equipment occupies the southwest section of the plant. No scheduled welding is currently being performed as this task is contracted out. Should on-site welding or emergency repair be necessary, all waste tires and residuals will first be removed beyond 25 feet. Automatic sprinkler system modifications and upgrades were completed in November 2011 following an equipment fire in October 2010. The upgraded system was engineered and installed in compliance with "The Standard for Storage of Rubber Tires", NFPA 231D, and specifically in accordance with NFPA #13 Standards, all materials conforming to specifications set forth in Chapter 2, NFPA #13 edition. The system was inspected by Freedom Fire following installation. The Production Area Fire Protection Plan (No. M-2) and the Office Fire Protection Plan (No, M-3), both dated 9/16/97 by Riddle Consulting Engineers were previously submitted as part of Attachment B to the Permit Application dated 2/12/98, and are still valid.

All outdoor waste tire piles, chip piles (height not to exceed 8') and moving zones will not exceed 50 feet in width by 15 feet in height and 10,000 square feet of surface area. Production and storage areas will be only on concrete or asphalt surfaces. By having exposed tires only in Moving Zones, no tires with the potential to collect water will remain outdoors long enough to be a potential breeding ground for mosquitoes. No food or organic matter will be permitted in or near the moving zones so as to not attract vermin. The level of tire chips stored in Global's temporary chip storage area will be maintained at a level of 4 - 5 feet and will never exceed 8 feet in height. All residuals are contained in 30 cubic yard dumpsters and are hauled off by Advanced Disposal to its Ocala facility. Scrap steel is hauled to Gerdau/Ameristeel in Jacksonville, Florida for recycling, and waste fiber/fluff is hauled to Cemex in Brooksville, Florida for use as fuel.

Regarding indoor storage, an area north of the Grizzly granulator is designated for temporary storage of a small number of good used tires culled for resale. This area will never exceed 20 feet in width. Only one indoor storage area exists, for permanent or continuous storage, Area E, and any aisles will maintain a minimum 8 foot width. The

OPERATIONS PLAN



maximum height of indoor storage is 5 feet. The eave height on the west side of the building is 21 feet and 24 feet on the east side. The sprinkler system piping and sprinkler deflectors are set higher than 18 feet from the finished floor. The production area is not heated. Ventilation is supplied by fresh air intake louvers and exhaust fans. If it becomes necessary to provide radiant space heaters during cold weather, they will be placed more than 3 feet from any storage area or other flammable materials.

4.0 Annual Accumulation

During full scale production, 100% of Global's annual accumulation of waste tires is removed via processing into saleable crumb rubber and residual.

5.0 Facility Operations Modifications

The facility has not modified its operations, storage areas, or processing since the April 2013 Permit Renewal Submittal.

GLOBAL TIRE RECYCLING EMERGENCY PREPARDNESS MANUAL



¹EMERGENCY PREPAREDNESS MANUAL

The emergency plan for the waste tire processing facility operated by Global Tire Recycling of Sumter County, Inc. addresses measures that should be taken in emergency situations that may occur during the operation of the facility. The Emergency Plan has been submitted to the Florida Department of Environmental Protection as part of Global's application to secure a waste tire processing facility permit.

The emergency plan describes the actions to be taken by plant personnel to minimize hazards to human health and the environment resulting from fire, explosion, spills, industrial accidents or other emergency conditions.

Coordination letters will be sent to the responsible officials of each of the emergency services listed herein. The letters will explain the facility and invite each contact person to visit in order to acquaint himself with the plant. A copy of the Emergency Preparedness Manual with all amendments will be available on site. Amendments to the emergency plan will be submitted to the Department whenever the facility changes its design or operation in a way that materially increases the potential for an emergency situation or changes the necessary emergency response, or whenever the emergency coordinators change.

Personnel and User Safety

Every attempt will be made to reduce the possibility of an emergency at the plant. Smoking will be prohibited at all times on the entire premises and all employees and visitors will be notified of the ban. No open flame will be permitted within 25 feet of a tire pile, rubber in process, product storage area, flammable residue such as fiber or other flammable material. Production personnel will be trained in the safe operation of all equipment and will be required to wear appropriate protective gear.

An emergency response training program will be established for personnel including:

- Identification of Emergency Coordinator
- Identification of duties and responsibilities of the Emergency Coordinators and other emergency response personnel
- Identification of communication systems
- Development of an evacuation plan
- Summary of first aid for selected medical emergencies
- Summary of available emergency services

Emergency Coordinators and Chain of Command

If an emergency situation occurs at the site, employees must contact the designated Emergency Coordinators. Emergency Coordinators assume responsibility in the order listed below:

PRIMARY EMERGENCY COORDINATOR

Mark Bailey, V.P. Plant Operations
Global Tire Recycling of Sumter County, Inc.
1201 Industrial Drive Wildwood, FL 34785

Work (352) 330-2213 Cellular (352) 303-4777

SECONDARY EMERGENCY COORDINATOR

Jodi McDavid
Global Tire Recycling of Sumter County, Inc.
1201 Industrial Drive Wildwood, FL 34785

Work (352) 330-2213 Cellular (352) 303-9373

There will be at least one Emergency Coordinator on site or on call at all times with the authority to commit the necessary resources of the facility to carry out the provisions of the emergency plan.

Duties and Responsibilities of the Emergency Coordinator

Emergency Plan Implementation

The decision to implement the emergency plan at the facility will depend on whether a fire, explosion, or other emergency incident could potentially endanger public health and safety or the environment. The following information provides the Emergency Coordinator with criteria to assist in making this decision.

Fire and/or Explosion

- The fire spreads and could ignite other materials on site or at other locations on site or could cause heat-induced explosions.
- The fire could spread to off-site areas.
- Use of water and/or chemical fire suppressant could result in contaminated runoff.
- An imminent danger exists that an explosion could occur, causing a safety hazard.
- An imminent danger exists that an explosion could ignite other materials at the facility
- An explosion has occurred

Material Release or Spill

- The spill could result in release of flammable liquids or vapors, causing a fire or gas explosion hazard.
- The spill can be contained on-site, but the potential exists for groundwater contamination.
- The spill cannot be contained on-site, resulting in off-site soil contamination and/or ground or surface water pollution.

Emergency Response Procedures

Whenever there is any type of reported incident at the facility, the Emergency Coordinator must immediately notify facility personnel, identify and assess the source and extent of the emergency, and take action to control the situation.

Notification

Personnel on site should contact those Emergency Response Agencies as soon as possible by calling 911. Do not wait to notify the Emergency Coordinator before calling 911 if the Emergency Coordinator is not on site.

In the event of an imminent or actual emergency occurrence, the first person on the scene should notify the Emergency Coordinator who will initiate a proper response to the situation. Notification of the Emergency Coordinator should be performed second only to notification of on-site personnel, site evacuation if necessary, and calling Emergency 911 depending on the emergency situation.

The Emergency Coordinator will alert all facility personnel through the internal communications system and aid in any necessary evacuation. Progression of notification will continue to local, State and Federal response agencies deemed appropriate by the Emergency Coordinator. A list of the Designated Emergency Coordinators is included in Appendix A-1. This list will be posted in a conspicuous location on site. A list of the Emergency Response Agencies and Contacts is included in Appendix A-2 and a copy will be posted in a conspicuous location on site. In case of an emergency situation, an assessment of the potential hazard must be made. If the Emergency Coordinator determines that the facility has had a fire, explosion, spill or other incident that presents a possible hazard to public health and safety or to the environment, and initiates the Emergency Plan, contact with the Wildwood Fire and Police Departments must be made, informing them of situations where an evacuation of the surrounding area is necessary. The Florida State Watch Office must also be advised of all the pertinent facts regarding the incident through its emergency response contact at 1 (800) 320-0519. Within two weeks of an emergency, the operator of the site shall submit to the Department a written report on the

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emergency. This report shall describe the origins of the emergency, the actions that were taken to deal with the emergency, the results of the actions that were taken, and an analysis of the success or failure of the actions.

When making a report the following information should be provided:

- Name and telephone number of person making the report
- Name, address and telephone number of the facility
- Type and time of incident occurrence
- Type and quantity of materials involved
- Extent of any injuries
- Possible hazards to public health and safety or the environment

Control Procedures

The nature of the work carried out at Global's plant makes the occurrence of emergency situations a possibility, even though the possibility may be remote. Emergencies can happen quickly and unexpectedly, requiring immediate response.

Immediate action by facility personnel will concentrate on: extinguishing the fire or containing any leaks. Immediate emergency medical attention will be given to injured personnel. Possible sources of ignition should be removed from the area, if this can be done without risk, and all work shall stop until the fire or incident can be safely controlled.

Storage and Treatment of Released Materials

Immediately after an emergency situation, the Emergency Coordinator will make arrangements for the storage or disposal of any recovered wastes, water or any contaminated materials resulting from the incident. The owner will notify the Department of any such incident and comply with its directives. Wastes generated will be collected and transported to a permitted disposal site.

Post-Emergency Equipment Maintenance

Following an incident all emergency response equipment used must be cleaned and made fit for reuse, or replaced as necessary, so that the equipment will be available when facility operations resume. An inspection of the emergency equipment used in response must take place before operations resume assuring that each item is in proper working condition. Remedial activities as a result of

this inspection may include recharging fire extinguishers, replacing personal protective gear, and restocking disposable items.

Internal Communication/ Warning System

All supervisors and maintenance personnel are provided with a cell phone to be in constant communication with management, office, and each other.

Evacuation Plan

In an emergency situation, and when time permits, the Emergency Coordinator is the individual responsible for determining when evacuation of the facility is required. Imminent or actual dangers that constitute a situation requiring evacuation include:

- A generalized fire that has activated the automatic emergency sprinkler system or threat of generalized fire that cannot be avoided.
- An explosion or the threat of explosion that cannot be averted.
- A major spill or leak that cannot be contained and which constitutes a threat to human health.

When time permits and evacuation is required, the following procedures should be followed:

- Alert all personnel using the plant telephone and paging systems, as well as by activating the siren alarm system.
- Shut down all machinery and other equipment.
- All personnel should proceed to a designated meeting point. For all plant personnel, this would be the parking lot east of the office area
- Once assembled, standby to afford assistance if and as needed

Should a situation occur for which an alternative meeting place is necessary, employees will proceed to the guardshed.

When time does **not** permit, proceed to the evacuation route:

<u>Evacuation Route</u>: Personnel should proceed past the gate out of the perceived danger zone and notify appropriate emergency personnel.

Fire Fighting and Other Emergency Equipment

The plant will maintain a supply of fire extinguishers in order to contain and extinguish a fire before it activates the plant's automatic emergency water Revised 11/09/22

sprinkling system. The fire extinguishers will be placed at or near major pieces of equipment and in other areas and signs will mark their locations. Extinguishers are of the dry chemical type and are maintained in conformity with state and local fire codes and regulations. A list of emergency supplies is attached as Appendix A-3.

In any situation where use of fire extinguishers fails to contain a fire, the automatic emergency water sprinkling system will be activated. This system will spray water at a rate of 1155 gallons per minute throughout the production and storage areas inside the plant. All runoff resulting from engagement of the sprinkler system will be contained in an exterior stormwater retention system. Oily water generated by the combustion of waste tires will be contained inside the plant and trapped by this pollution control unit. After the fire is extinguished, any oily material in the plant and pollution control baffle unit will be pumped out and removed to a permitted disposal site. Any oily residue remaining on floors will be treated with absorbent material that will be deposited in 55-gallon drums and transported to a permitted disposal site. Department of Environmental Protection will be consulted on the testing and handling procedures for the disposal of the waste water.

<u>Procedures to Prepare for Hurricanes or other Natural Disaster</u>

The Primary Emergency Coordinator will make the final decision 72 hours before an approaching storm as to shutting the facility down. If needed the facility will be shut down and all power will be turned off and any objects outside that can be moved into the building, will be stored inside. All drains will be inspected for any debris to keep from clogging up during the storm. A computer back up disk will be done by the office personnel and taken off the premises. Once the storm has passed the Primary Emergency Coordinator will check the facilities' condition and if there is damage, will determine how bad and report to the Department of Environmental Protection Agency any damage that might affect compliance with the permit.

First Aid/Safety Equipment

First aid and safety equipment will be located in strategic locations on the site. First aid kits are located in the office area as well as in the foreman's office and in the machine shop area, will contain a full range of items necessary to care for minor injuries needing prompt attention.

Medical Emergencies/First Aid

In cases of medical emergency, trained medical response personnel should be contacted immediately. First aid administered by on-site personnel should continue until professional assistance arrives

First aid is the immediate care of a person who has been injured or has suddenly taken ill. It is intended to prevent death or further illness or injury, and to relieve pain. The objectives of first aid care are:

- 1) To control conditions that might endanger life
- 2) To prevent further injury
- 3) To relieve pain and treat for shock
- 4) To make the injured person as comfortable as possible

Initial responsibility for first aid rests with the first person at the scene, who should react quickly, but in a calm and reassuring manner. Emergency medical assistance (911) should be called as soon as possible, being clear as to suspected types of injury or illness. The injured person should not be moved, except when necessary to prevent further injury.

Pulmonary Resuscitation (General Guidelines)

If the victim is unresponsive and no breathing is apparent, begin mouth-to-mouth resuscitation immediately. Delay increases the risk of serious disability or death:

- 1. Carefully place the patient flat on his/her back and kneel at the patient's side. In cases where the patient is a violent accident victim, use caution and your best judgment. If the victim is in an awkward position, roll victim as a unit onto his/her back, keeping the body from twisting and the spine in alignment
- 2. Establish an airway. Check the victim's mouth with your finger to be sure that no obstruction is present, and then tip the patient's head back until the chin points straight up. This will help prevent the tongue from blocking the airway.
- 3. Pinch the patient's nostrils and begin mouth-to-mouth resuscitation by taking a deep breath and placing your mouth over the patient's mouth so

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as to make a leak-proof seal. Blow your breath into the patient's mouth until you see the chest rise.

- 4. Remove your mouth and allow the patient to exhale
- 5. Repeat the procedure at a rate of once every 5 seconds.

Heart (Cardiac) Resuscitation (General Guidelines)

In an unresponsive patient you should check for a cardiac pulse. Locate the larynx (Adam's apple) with the tips of the fingers and slide the fingers into the groove between the larynx and the muscle at the side of the neck. If no pulse is felt, circulation must be re- established within 4 minutes to prevent brain damage.

With the patient flat on his/her back, kneel at the waist, facing the head.

Place the heel of your right hand over the heel of your left hand on top of the patient's breastbone slightly more than one inch above its lower tip, holding your fingers off the patient's chest.

Shift your weight to the patient's chest and compress it at least one and one-half to two inches, then remove the pressure.

Continue at a rate of 80 compressions per minute

Alternate one breath and 5 compressions until medical personnel arrive.

Heavy Bleeding

Heavy bleeding is caused by injury to one or more large blood vessels. Lay the patient down. Control bleeding by applying firm pressure directly over the wound with a clean handkerchief, cloth, or your hand. A tourniquet should be applied only in cases of amputation or other injury to a limb in which there is no other way to stop the bleeding. If a tourniquet is used, a record of the time it was applied must be kept. Once a tourniquet is applied, do not loosen or remove it.

Shock

Shock, or traumatic shock, usually accompanies severe injury and may be caused by injuries of all types. The signs of shock include pallor, cold and clammy skin, beads of perspiration on the forehead and palms, weakness, nausea or vomiting, shallow breathing, and a rapid pulse that may be too faint to be felt at the wrist. The following procedures should be followed:

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- 1. Correct the cause if possible (e.g., control bleeding). Avoid moving the victim if neck or spine injuries are suspected.
- 2. The patient's position should be based on his injuries; if in doubt, keep the patient lying down until emergency medical aid arrives.
- 3. Keep the patient's airway open. If he or she is about to vomit, turn the head to one side.
- 4. Keep the patient warm to prevent chilling and loss of body heat.

<u>Additional Illnesses and Injuries (General First Aid Guidelines)</u>

After requesting emergency medical assistance, the following points should be addressed in specific emergencies:

- 1. Abdominal -pain Keep the patient quiet. Give nothing by mouth.
- <u>2. Back and neck inquiries</u> Keep the patient quiet. Do not move the patient or lift the head unless absolutely necessary.
- 3. Chest pains Keep the patient calm and quiet. Place the patient in the most comfortable position (usually half sitting)
- 4. Convulsion or epileptic seizure Place the patient on the floor or a couch. Do not restrain the patient's movements except to prevent injury. Do not place a blunt object between the teeth, put any liquid in the mouth, slap the patient, or douse the patient with water
- <u>5. Electric shock</u> Throw the switch to turn off the current. Do not touch the victim until he/she is separated from the current source. Begin mouth-to-mouth resuscitation if respiration has ceased. Begin heart (cardiac) resuscitation if heart stops.
- 6. Fainting Simple fainting can usually be treated by laying the person down.
- 7. Unexplained unconsciousness Look for emergency medical identification around patient's neck or wrist, or in his/her wallet. Keep the patient warm, lying down, and quiet until he/she regains consciousness. Do not move the patient's head if there is bleeding from the nose, mouth, ear or eyes. Do not give the patient anything through the mouth. Keep the patient's airway open to aid breathing. Do not cramp the neck with a pillow.

Chemical Ingestion or Contamination

Material Safety Data Sheets (MSDS) will be maintained to assist in the treatment of injuries for all chemicals used on site such as pesticides, herbicides, cleaners and chemicals used in testing product to comply with customer or Department of Transportation specifications. In all cases of chemical injuries, try to determine the chemical, review the MSDS information, and follow any specific instructions given therein.

General Instructions: Ingestion of Chemicals

Seek medical assistance by calling a physician and the poison information center. These telephone numbers will be posted where chemicals are stored and used.

Dilute the chemical by having the victim drink a glass of water or milk if he is conscious and not having convulsions. Discontinue dilution if it makes patient nauseated.

Save the label or container of the suspected chemical for identification. If the victim vomits, save sample of the vomited materials for analysis.

If the victim becomes unconscious, keep his airway open. Give artificial respiration or cardiopulmonary resuscitation (CPR) if necessary. Only administer CPR if you are trained to do so. <u>Call Emergency 911 as soon as possible.</u>

Chemicals Spilled on the Body

- Wash away the chemical with large amounts of water, using a safety shower or hose, as quickly as possible and for at least 5 minutes. Remove the victim's clothing from the areas involved. No time should be wasted because of modesty. The rescuer should take precautions to avoid contaminating himself.
- If first aid directions for burns caused by specific chemicals are available from the MSDS or from some other source, follow these directions after the initial flushing with water.
- Apply a dressing bandage and get medical aid.

Chemicals on the Skin in a Confined Area

Immediately flush with cool water and wash by using a mild detergent or soap (preferred) and water. If a delayed reaction (the physiological effects of some chemicals, e.g., methyl and ethyl bromides, may be delayed as much as 48 hours) is noted, obtain medical attention promptly and explain carefully what chemicals were involved. **Follow measures set out in the MSDS**.

EXTRICATION

In some types of accidents, it may be impossible for the victim to free himself. In cases where the victim is trapped in a vehicle there may be a danger not only to the victim but also to the first aid rescuer. It is necessary for the first aid rescuer to get to the accident victim if it is safe to do so in order to provide life saving support until trained emergency rescue personnel arrive.

<u>Accidents involving machinery</u> - Victims pinned in or under machinery may suffer severe injuries and there may be traumatic shock. First aid should be administered promptly, and emergency rescue personnel should be called immediately.

The machinery should be stopped, and the power cut off. If the equipment does not have automatic release capabilities, or it is not functional, the equipment may have to be dismantled. In such cases, the person administering first aid should attempt to control bleeding, treat shock, keep the victim's airway open, keep the victim as comfortable as possible, and be reassuring while waiting for trained emergency rescue personnel.

AVAILABLE EMERGENCY SERVICES

In the event of an emergency at the Global Tire Recycling plant, the following services are available:

APPENDIX A -1

DESIGNATED EMERGENCY COORDINATORS

Emergency Coordinators assume responsibility in the order listed below:

Revised 11/09/22

Primary Emergency Coordinator

Mark Bailey, V.P. Plant Operations Global Tire Recycling of Sumter County, Inc. 1201 Industrial Drive Wildwood, FL 34785 Work (352) 330-2213 Cell (352) 303-4777

Secondary Emergency Coordinator

Jodi McDavid Global Tire Recycling of Sumter County, Inc. 1201 Industrial Drive Wildwood, FL 34785 Work (352) 330-2213 Cell (352) 303-9373

The Emergency Preparedness Manual for the facility will be maintained on site at the plant office under the supervision of Mark Bailey, primary emergency coordinator, and off-site at the residence of Jodi Jones, secondary emergency coordinator.

A scale house operator/attendant will be on duty at the plant site during normal business hours. This person will respond to all alarms during business hours and will report any emergency or potential emergency situations to the designated emergency coordinators and to the proper emergency response agencies. After normal business hours, Global's security system monitoring company (Smart Watch, Inc.) will respond to all alarms and will report any emergency or potential emergency situations to the designated emergency coordinators and to the proper emergency agencies.

APPENDIX A-2

EMERGENCY RESPONSE AGENCIES AND CONTACTS

Agency/Organization	Emergency Number
FIRE: Wildwood Fire Department EMERGENCY	(352) 689-4500 911
POLICE:	
Wildwood Police DepartmentEMERGENCY	(352) 330-1355 911

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MEDICAL:

Wildwood Fire Rescue EMERGENCY Leesburg Regional Medical Ctr Poison Information Center	(352) 323-5762
LOCAL EMERGENCY RESPONSE CONTA	ACTS:
Sumter County Emergency Management EMERGENCY	(352) 689-4400 911
STATE EMERGENCY RESPONSE CONTA	ACTS:
Fla. Dept. of Environmental Protection Central District	407-897-4100
FEDERAL EMERGENCY RESPONSE CONT	TACTS:
Environmental Protection Agency National Response Center	800-424-8802

APPENDIX A-3

EMERGENCY SUPPLIES

<u>Materials</u>	Equipment	Personal Protection Equipment
Absorbents	Two Way Radios	Impervious Overalls
Absorbent Pads	Front End Loader	Chemical Resistant Glove
Drums	Shovels	Respirators & Cartridges
Barricades	Fire Extinguishers	Hard Hats
Brooms	First Aid Kits	Face Shields
		Face Masks
		Goggles

- 4. Remove your mouth and allow the patient to exhale
- 5. Repeat the procedure at a rate of once every 5 seconds.

Heart (Cardiac) Resuscitation (General Guidelines)

In an unresponsive patient you should check for a cardiac pulse. Locate the larynx (Adam's apple) with the tips of the fingers and slide the fingers into the groove between the larynx and the muscle at the side of the neck. If no pulse is felt, circulation must be re- established within 4 minutes to prevent brain damage.

With the patient flat on his/her back, kneel at the waist, facing the head.

Place the heel of your right hand over the heel of your left hand on top of the patient's breastbone slightly more than one inch above its lower tip, holding your fingers off the patient's chest.

Shift your weight to the patient's chest and compress it at least one and one-half to two inches, then remove the pressure.

Continue at a rate of 80 compressions per minute

Alternate one breath and 5 compressions until medical personnel arrive.

Heavy Bleeding

Heavy bleeding is caused by injury to one or more large blood vessels. Lay the patient down. Control bleeding by applying firm pressure directly over the wound with a clean handkerchief, cloth, or your hand. A tourniquet should be applied only in cases of amputation or other injury to a limb in which there is no other way to stop the bleeding. If a tourniquet is used, a record of the time it was applied must be kept. Once a tourniquet is applied, do not loosen or remove it.

Shock

Shock, or traumatic shock, usually accompanies severe injury and may be caused by injuries of all types. The signs of shock include pallor, cold and clammy skin, beads of perspiration on the forehead and palms, weakness, nausea or vomiting, shallow breathing, and a rapid pulse that may be too faint to be felt at the wrist. The following procedures should be followed:

1. Correct the cause if possible (e.g., control bleeding). Avoid moving the victim if neck or spine injuries are suspected.

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- 2. The patient's position should be based on his injuries; if in doubt, keep the patient lying down until emergency medical aid arrives.
- 3. Keep the patient's airway open. If he or she is about to vomit, turn the head to one side.
- 4. Keep the patient warm to prevent chilling and loss of body heat.

Additional Illnesses and Injuries (General First Aid Guidelines)

After requesting emergency medical assistance, the following points should be addressed in specific emergencies:

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- <u>5. Electric shock</u> Throw the switch to turn off the current. Do not touch the victim until he/she is separated from the current source. Begin mouth-to-mouth resuscitation if respiration has ceased. Begin heart (cardiac) resuscitation if heart stops.
- 6. Fainting Simple fainting can usually be treated by laying the person down.
- 7. Unexplained unconsciousness Look for emergency medical identification around patient's neck or wrist, or in his/her wallet. Keep the patient warm, lying down, and quiet until he/she regains consciousness. Do not move the patient's head if there is bleeding from the nose, mouth, ear or eyes. Do not give the patient anything through the mouth. Keep the patient's airway open to aid breathing. Do not cramp the neck with a pillow.

Chemical Ingestion or Contamination

Material Safety Data Sheets (MSDS) will be maintained to assist in the treatment of injuries for all chemicals used on site such as pesticides, herbicides, cleaners Revised 11/09/22

EXTRICATION

In some types of accidents, it may be impossible for the victim to free himself. In cases where the victim is trapped in a vehicle there may be a danger not only to the victim but also to the first aid rescuer. It is necessary for the first aid rescuer to get to the accident victim if it is safe to do so in order to provide life saving support until trained emergency rescue personnel arrive.

Accidents involving machinery - Victims pinned in or under machinery may suffer severe injuries and there may be traumatic shock. First aid should be administered promptly, and emergency rescue personnel should be called immediately.

The machinery should be stopped, and the power cut off. If the equipment does not have automatic release capabilities, or it is not functional, the equipment may have to be dismantled. In such cases, the person administering first aid should attempt to control bleeding, treat shock, keep the victim's airway open, keep the victim as comfortable as possible, and be reassuring while waiting for trained emergency rescue personnel.

AVAILABLE EMERGENCY SERVICES

In the event of an emergency at the Global Tire Recycling plant, the following services are available:

APPENDIX A -1

DESIGNATED EMERGENCY COORDINATORS

Emergency Coordinators assume responsibility in the order listed below:

Primary Emergency Coordinator

Mark Bailey, V.P. Plant Operations Global Tire Recycling of Sumter County, Inc. 1201 Industrial Drive Wildwood, FL 34785 Work (352) 330-2213 Cell (352) 303-4777

Sumter County Emergency Management EMERGENCY	
STATE EMERGENCY RESPONSE CONTACT	<u>'S:</u>
Fla. Dept. of Environmental Protection Central District	407-897-4100
FEDERAL EMERGENCY RESPONSE CONTAC	:TS:
Environmental Protection Agency National Response Center	800-424-8802

APPENDIX A-3

EMERGENCY SUPPLIES

<u>Materials</u>	Equipment	Personal Protection Equipment
Absorbents Absorbent Pads Drums Barricades Brooms	Two Way Radios Front End Loader Shovels Fire Extinguishers First Aid Kits	Impervious Overalls Chemical Resistant Glove Respirators & Cartridges Hard Hats Face Shields Face Masks Goggles



SECTION 4 CLOSURE PLAN



CLOSURE PLAN FOR PERMIT RENEWAL

For:

GLOBAL TIRE RECYCLING OF SUMTER COUNTY
1201 INDUSTRIAL DRIVE
WILDWOOD, SUMTER COUNTY, FLORIDA

1.0 Introduction

This Closure Plan for Global Tire Recycling of Sumter County (Global) has been prepared as shown in the bottom left corner of this document and is effective as of that date. This permit renewal document is meant to be an all-inclusive plan and supersedes all previous documents, including the previously approved Closure Plan for Global Tire Recycling of Sumter County, dated May 2018.

2.0 Closure Procedures

In closing the facility, Global will perform the following tasks:

- Stop all access to the site.
- Post a notice on the front gate indicating that the site is closed and the location of the nearest waste tire processing facility where waste tires can be deposited.
- Notify the FDEP and Sumter County officials of the closing.
- Remove all waste tires, processed tires, and residuals to a waste tire processing, solid
 waste management facility authorized to accept waste tires, or a legitimate user of
 processed tires.
- Remove any solid waste to a permitted solid waste management facility and notify the FDEP when the closure is complete.



3.0 Notifications

The FDEP will be given a minimum of 60 days written notice prior to closure. Such notification will give the FDEP the opportunity to inspect the facility and determine whether any other procedures shall be followed as part of the closure. Any such directives shall be followed. No waste tires will be accepted within 15 days prior to the date that closure will commence. Global will complete closure on the site in accordance with the approved closure plan within 180 days after receiving the final quantity of waste tires.

4.0 Closure Cost Estimate

Based on the storage quantities estimated and included on the Permit Application, the following third party closure cost estimate is provided per the attached Closure Cost Estimate from Liberty Tire Recycling of Atlanta, Georgia. Refer to the Total Storage Quantities and breakdown on the following page:

TOTAL COST:\$82	2,590
Residual Tire Derived Waste: 235 tons @ \$50.00/ton\$1	1,750
Processed Tires: 1,655 tons @ N/C	\$0
Whole Waste Tires: 1,288 tons @ \$55.00/ton\$70),840

CLOSURE PLAN



TOTAL STORAGE QUANTITIES

AREA	AREA DESIGNATION	QUANTITY	UNITS	TYPE	INSIDE/OUTSIDE
Α	Processed Tires	200	TONS	W	OUTSIDE
В	Whole/Processed Tires	400	TONS	W	OUTSIDE
С	Whole/Processed Tires	170	TONS	W	OUTSIDE
D	N/A	0	N/A	N/A	OUTSIDE
E	TIRE PILE	7	TONS	W	INSIDE
F	TIRE HOPPERS	20	TONS	W	OUTSIDE
	TIRE PILE	62	TONS	W	OUTSIDE
G1	BAGGED CRUMB RUBBER	720	TONS	С	INSIDE
G2	BAGGED (PARKING LOT)	935	TONS	С	OUTSIDE
H1-H3	INSIDE STORAGE BINS	129	TONS	W	INSIDE
H4	OUTSIDE STORAGE BINS	300	TONS	W	OUTSIDE
	FIBER RESIDUAL	20	TONS	R	OUTSIDE
J1	METAL RESIDUAL	135	TONS	R	OUTSIDE
J2	FIBER PILE	30	TONS	R	OUTSIDE
J3	WIRE PILE	45	TONS	R	OUTSIDE
K	OFFICE DUMPSTER	5	TONS	R	OUTSIDE
	TOTAL	3178	TONS		

Whole Waste Tires:	1288	Tons
Processed Tires:	1655	Tons
Residual Derived Waste:	235	Tons
Storage by Location: Outside: Inside:	2322 856	

CLOSURE PLAN



SECTION 5 CLOSURE COST ESTIMATE



March 15th, 2023

Global Tire Recycling 1201 Industrial Drive Wildwood, FL 34785

Dear Mr. Mark Bailey:

In reference to our conversations, Liberty Tire Recycling, LLC is willing and able to clean-up the Global site in the event your business closes under the following terms:

Waste Tires on site, to be removed from site and recycled:

\$ 55 per ton

Crumb rubber or finish goods in super sacks or bins, to be removed and properly handled

No Charge

Other waste tire derived materials on site, to be removed and properly handled:

\$ 50 per ton

Clean wire from Bi-Metal CWS

No Charge

Please let me know if you need any additional information.

Sincerely,

Dewey Granthan Ir. Regional Vice President Liberty Tire Recycling 1593 Huber Street NW Atlanta, GA 30318 (o) 404-355-0547



SECTION 6 FIRE SAFETY SURVEY

SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS

INSPECTION REPORT
GLOBAL TIRE RECYCLING OF SUMTER CO., 1201 INDUSTRIAL DR, BLDG UNNAMED,
WILDWOOD FL 34785



DETAILS

Inspection Date: 10/07/2022 | Inspection Type: Annual Commercial Fire Inspections | Inspection Number: 19901 | Shift: D Shift | Station: Sumter Fire & EMS HQ | Unit: INSP2 | Lead Inspector: ROBERT SMITH | Other Inspectors: N/A

VIOLATIONS

No Violations Found

GENERAL NOTES

ROBERT SMITH - 10/07/2022 @ 08:45

BACKFLOW DEVICE SERVICED AND TAGGED SEPTEMBER 13, 2022

NEXT INSPECTION DATE

08/31/2023

CONTACT SIGNATURE

Jodi McDavid

Signed on: 10/07/2022 @ 08:46

UNAVAILABLE

RSmith

INSPECTOR SIGNATURE

ROBERT SMITH

Signed on: 10/07/2022 @ 08:46

QUESTIONS ABOUT YOUR INSPECTION?

ROBERT SMITH robert.smith@sumtercountyfl.gov No phone number available



SECTION 7

ENFORCEMENT ACTION DOCUMENTATION

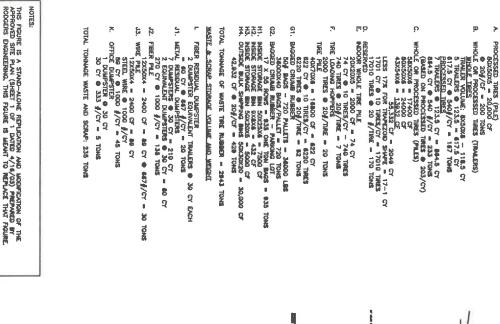


There has been no enforcement action for Global Tire Recycling of Sumter County, Inc. since the 2018 permit renewal.

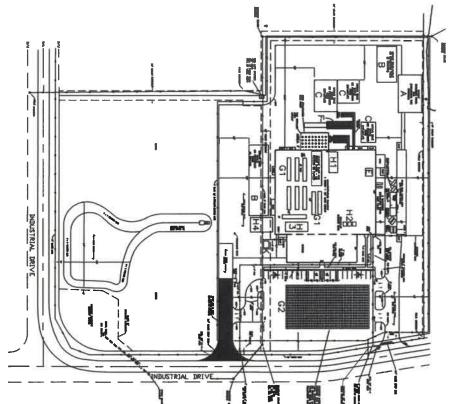


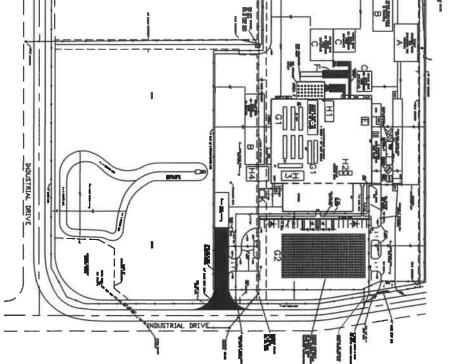
SECTION 8

FACILITY MAPS



STORAGE VOLUME AND WEIGHT CALCULATIONS







THE DRAWING MODIFICATIONS HAVE BEEN PREPARED BY LAWRENCE G. SCHMALTZ: PROFESSIONAL ENGINEER #: 48294 ORIGINAL LYYOUT FOURE PREPARED BY ROBERT IL RODGERS ENGINEERING CO. INC. — DRAWINGS HAVE BEEN PROYIDED TO APEX COMPANIES, LLC. FOR USE AND MODIFICATION.

8

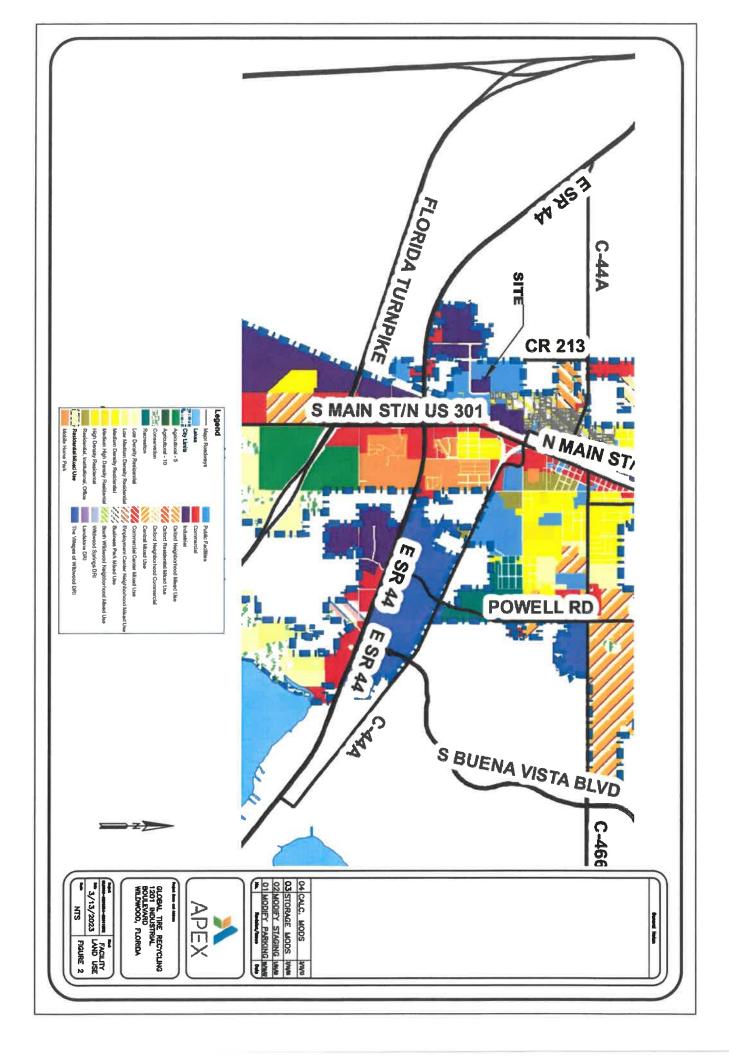


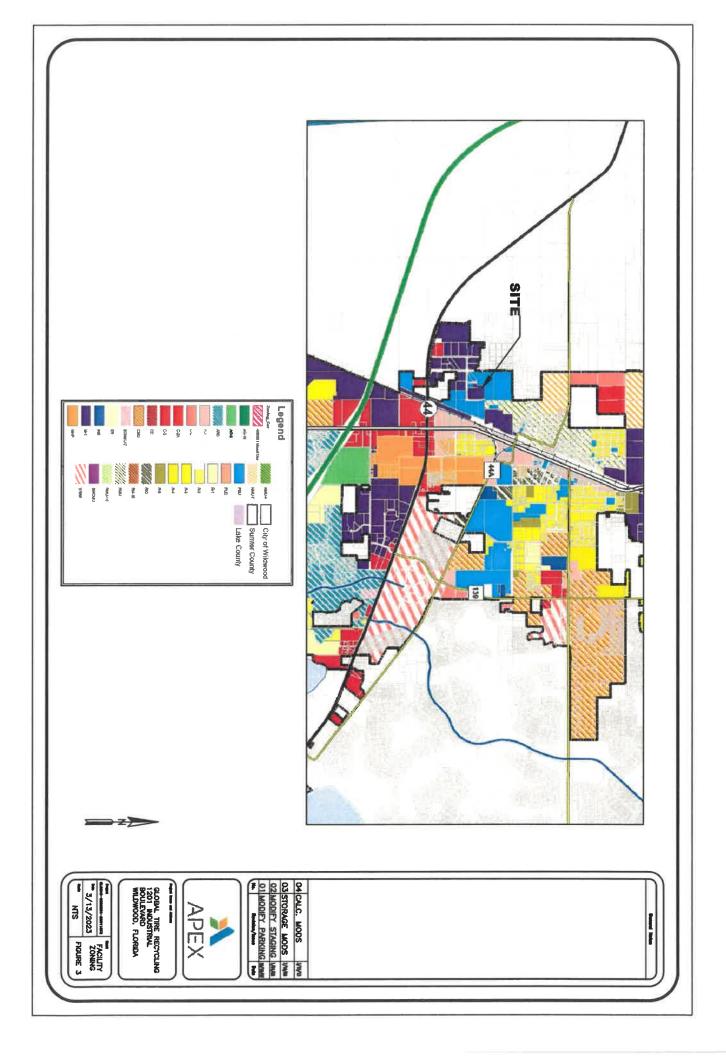
O4 CALC. MODS WAYN

04 CALC. MODS

01 MODIFY PARKING MAN

02 MODIFY STAGING WAS







SECTION 9

REFERENCED PREVIOUSLY SUBMITTED DOCUMENTS



REFERENCED PREVIOUSLY SUBMITTED DOCUMENTS

- 1. Site Plan As-Builts
 - Robert L. Rogers Engineering, Figure 1 of 1, April 1998
- 2. Updated Site Plan
 - o Robert L. Rogers Engineering, Sheet 1 of 1, April 2003
- 3. Updated Site Plan
 - o Robert L. Rogers Engineering, Sheet 1 of 1, July 2008
- 4. Wetland Certification Letter
 - o Robert L. Rogers Engineering, March 2003
- 5. Boundary & Topographical Survey, April 2008
- 6. Site Grading Plan
 - o Robert L. Rogers Engineering, Sheet 4 of 5, August 1997
- 7. Process Description Document, 1998 Permit Application, Attachment H
- 8. Updated Process Description Documents, including May 2003 revision, February 2003 Permit Application
- 9. Production Equipment Book, 1998 Permit Application, Attachments C and I
- Production Equipment Book, 2003 Permit Application, Attachment I, including March 2003 and May 2003 revisions, Equipment List/Horsepower, Electrical Specs and Capacities/Manning Table
- 11. Riddle Consulting Engineers, September 1997, Figures as follows:

A-1	Overall Floor Plan
A-2	Office Floor Plan
A-3	Bath/Break/Lab Floor Plan
A-4	Exterior Elevations
• E-1	Office Power Layout Plan
E-2	Office Lighting Plan
E-3	Production Area Lighting Plan
E-4	Production Area Power Plan
E-5	Panel Schedules
E-6	Fixture Schedules/Riser Diagram & Instructions to
L-0	Contractors
E-7	Parking Lot Lighting Plan



M-1	Reflective Ceiling Plan
M-2	Production Area Fire Protection Plan
M-3	Office Fire Protection Plan
M-4	HVAC Plan
P-1	Production Area Plumbing Plan
P-2	Office Plumbing Plan
S-1	Foundation Plan
S-2	Typical Section and Details



SECTION 10 REFERENCED MATERIALS



REFERENCED DOCUMENTS

The following documents are incorporated by reference into the March 2023 Permit Renewal Application:

- 1. <u>Waste Tire Processing Permit Renewal Global Tire Recycling of Sumter County, Inc.</u>, and supporting information prepared by Robert L. Rodgers Engineering Co., Inc., dated January 14, 2003.
- 2. Additional information prepared by Robert L. Rodgers Engineering Co., Inc., dated March 7, 2003.
- "A Site Plan for Global Tire Recycling of Sumter County, Inc. Storage Area Locations, Sheet 1 of 1", prepared by Robert L. Rodgers Engineering Co. Inc., dated April 16, 2003.
- 4. Additional information prepared by Robert L. Rodgers Engineering Co. Inc., dated May 2, 2003.
- 5. Additional information prepared by Global Tire Recycling, dated May 9, 2003.
- 6. <u>Aerial Photo, City of Wildwood and Sumter County Zoning Documents, Building Permit Issued by the City of Wildwood</u>, received February 13, 1998 (updated Aerial Photo, dated March 29, 2000, received March 10, 2003).
- 7. <u>Global Tire Recycling of Sumter County Inc. Project Drawings</u>, prepared by Riddle Consulting Engineers, dated September 16, 1997, with revised Drawing A-1 "Overall Floor Plan", revised by Robert L. Rodgers Engineering Co., Inc.
- 8. <u>System Layout Drawing</u>, prepared by Dave Jensen, Inc., dated April 15, 1995, revised by Robert L. Rodgers Engineering Co., Inc.
- 9. <u>Surveyor's Wetlands, Water Bodies and Well Certification</u>, prepared by Robert L. Rodgers Engineering Co. Inc., dated March 7, 2003 and <u>Florida DEP Storm Water Runoff Permit and Application</u>, dated September 26, 1997.
- 10. <u>Process Description</u>, prepared by Robert L. Rodgers Engineering Co. Inc., dated February 25, 2003 and revised May 2, 2003.
- 11. <u>Production Equipment Book with Equipment List Index/Horsepower, Electrical Specs and Capacities/Manning Table</u> prepared by Robert L. Rodgers Engineering Co. Inc.,



- dated February 13, 1998 with revisions received March 10, 2003, May 9, 2003, and May 10, 2003.
- 12. Warranty Deed, received February 13, 1998.
- 13. Exhibits to Global Tire Recycling of Sumter County, Inc., WTPF Permit Application Addendum Dated 4/17/98, with revised Exhibit K "Addendum to Process Description" prepared by Robert L. Rodgers Engineering Co. Inc., received May 9, 2003.
- 14. Global Tire Recycling Inc. Chemical Information, dated October 28, 1997.
- 15. <u>Site Plan with Drainage</u>, Figure A2L -2, prepared by A2L Technologies, Inc., dated 4/18/08.
- 16. <u>Boundary and Topographical Survey</u>, Sheet 1 of 1, prepared by Robert L. Rodgers Engineering Co. Inc., dated 4/15/08.
- 17. <u>Site Plan</u>, Figure A2L-1, prepared by A2L Technologies, Inc., dated 1/4/08.
- 18. <u>Facility Plot Plan</u>, Figure 1, prepared by Apex Companies, LLC, dated March 13, 2023.
- 19. <u>City of Wildwood Land Use Map</u>, Figure 2, prepared by Apex Companies, LLC, dated March 13, 2023.
- 20. <u>City of Wildwood Zoning Map</u>, Figure 3, prepared by Apex Companies, LLC, dated March 13, 2023.
- 21. <u>Emergency Preparedness Plan, prepared by Global Tire Recycling, dated November 9, 2022.</u>



SECTION 11 PROOF OF FINANCIAL ASSURANCE



FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center 2600 Blair Stone Road MS 4548 Tallahassee, FL 32399-2400 Ron DeSantis Governor

Jeanette Nuñez Lt, Governor

Shawn Hamilton Secretary

December 15, 2022,

Via e-mail: pat@gtrcrumbrubber.com

Mr. Mark Bailey Global Tire Recycling of Sumter County, Inc. 1201 Industrial Drive Wildwood, Florida 34785

Re: WACS 53122 - Global Tire Recycling of Sumter County, Inc.

Dear Mr. Bailey:

I reviewed the documentation submitted to demonstrate financial assurance for the above referenced facility and find it acceptable as to form and content. The September 30, 2022, valuation for U.S. Bank National Association trust fund account number 4072899713 demonstrates financial assurance in the amount of \$91, 612.47. If the Central District Office approves your September 26, 2022, closing cost estimate of \$88, 436.00, Global Tire Recycling of Sumter County, Inc. will be in compliance at that time with the financial assurance requirements of Rule 62-701.630, Florida Administrative Code, which adopts 40 CFR Part 264, Subpart H by reference.

Please contact me at (850) 245-8888 if you have any questions.

Sincerely,

Chantay Jerger

Chanday of

Government Operations Consultant I Financial Assurance Working Group

cc: Dale Melton, DEP/Central District



1201 Industrial Drive Wildwood, FL 34785 Phone: (352) 330-2213 Fax: (352) 330-2214

September 1, 2022

Via e-mail: Susan.F.Eldredge@dep.state.fl.us

Attn: Susan Eldredge, FDEP Solid Waste Section, MS-4548 2600 Blair Stone Road Tallahassee, FL 32399

RE: Global Tire Recycling Waste Tire Processing Facility Permit No: 0136808-007-WT-02 WACS # 53122

Dear Susan Eldredge:

The updated adjustment approved amount for 2021 was \$87,387 and with the current year inflation rate of 1.012 the closing cost estimate is \$88,436. Our current trust fund balance with US Bank, account number 4072899713 has a balance of \$91,148.50 which is sufficient to cover the inflation adjusted closure cost estimate at this time.

Any additional information please let me know.

Sincerely,

Mark J. Bailey Vice President

Enclosure

Cc:

Randall.Cunningham@dep.state.fl.us Solid.Waste.Financial.Coodinator@dep.state.fl.us

Print Form

Reset Form



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 I	NFORMATION:						
Facility Name:	Global Tire Re	ecycling of	Sumter Count	y , Inc.	WACS ID: 53122		
Permit Applica	tion or Consent C	rder No.:	: 0136808-007-WT-02		Expira	tion Date: 05/3	31/23
Facility Addres			Wildwood, FL	34785			
•)wner/Operator:	same					
Mailing Addres	•						
Latitude:	0		n	Longitude:	٥	t	tr.
Coordinate Me	Als a als		D	atum:			
Collected by:				ompany/Affiliation:			
Solid Waste D	isposal Units Incl	uded in Est	timate:				
	se / 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
Fila	Se / Cell	Acres	Waste	Oi Wasto	me or crim		3,00,00
Total disposal	unit acreage incl	uded in this	s estimate:	Closure:	Loi	ng-Term Care:	<u> </u>
	ity type:				C&D Debris	s Disposal	
(Check a	Il that apply)	Other:					
II. TYPE OF	FINANCIAL ASS	URANCE I	DOCUMENT (Check type)			
	etter of Credit*			nce Certificate	☐ Esc	crow Account	
	erformance Bond	*	□ Financ	ial Test	□ Foi	rm 29 (FA Def	erral)
	Suarantee Bond*			und Agreement			
		s that require	the use of a Stand	by Trust Fund Agreemer	nt		
Northwest Dist		st District	Central Distric			ricl So	utheast District

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

7825 Baymeadows Way, Ste. B200 Jacksonville, FL 32256-7590 904-807-3300

3319 Maguire Blvd., Ste. 232 Orlando, Ft. 32803-3767 407-894-7555

13051 N. Telecom Pky.

Temple Terrace, FL 33637
813-632-7600
2295 Victoria Ave., Sta. 364
Fort Myers, FL 33901-3881
239-332-6975

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

annual cost estimate adjustment. Cos	ed by reference in Rule 62-701.630, Floot est estimates may be adjusted by using of the methods of cost estimate ajustm	an inflation fac	rative Code, (F.A.0 ctor or by recalcula	C.) sets forth the method of sting the maximum costs of
☐ (a) Inflation Factor Adjustme	ed or New Cost	Estimates		
have occurred in the facility operation recent Implicit Price Deflator for Gross The inflation factor is the result of division	factor may only be made when a Depa which would necessitate modification to a National Product published by the U.S ding the latest published annual Deflate the website			

Telephone Number

III. ESTIMATE ADJUSTMENT