

Application Routing and Transmittal Sheet

<b>Air Permitting Supervisor - Required Information for Project Setup by Admin</b>		
Owner/(Facility Name, if needed): Global Tire Recycling		Facility ID No.: 1190028
New Facility (Y/N): NO	Relocatable (Y/N): N	Project Description: Increase allowable hours from 6,000 to 8,760 hrs./yr.
Project Name: Modify 1190028-001-AC; Increase hrs.		
Type/Subtype: AC/1F	Received: 6-30-2003	
Fee Submitted: <input checked="" type="checkbox"/> correct <input type="checkbox"/> incorrect <input type="checkbox"/> na		Override Reason (if needed):
Should Be \$ 250		
Submitted \$ 250		
Fee Checked By: Jim M		Needed/Refund \$ 0
Date: 6-30-2003		

<b>Admin - Project Setup Information</b>		
Project No.: 003	Initial ARMS Entry (Initials & Date): SW 7-1-03	Virus Scan Date:

<b>Air Permitting Supervisor - Application Information</b>		
Application Assigned To: DH	Date: 7/7/03	
No. of Hardcopies: 4	No. of Disks: na	Confidential Information (Y/N): N
Application Distribution (hardcopy/disk): DEP Engineer: 4 County: na Other:		

<b>Air Permitting - Permit Transmittal (add initials &amp; date completed)</b>			Day: 30/60/90
Permit No.:	Intent/ Draft	Final	9-28-03
Project No.:			
Engineer → permit supervisor	7-29-03 DH	8-29-03 DH	C/E Review: Y/N
Permit supervisor → DAPA	7-30-03 - <del>8</del>	8-29-03 <del>8</del>	
DAPA → clerk/engineer	8/4/03 JK	9/3/03 JK	
Permit Package Mailed/Emailed	8/4/03 (P)	9/4/03 (P)	
ARMS Events Entry	8/4/03 (P)	9/4/03 (P)	

EU: 001

<b>Air Permitting Supervisor - Data Fields for Access System (add at final issuance)</b>		
Permit No.:	Issue Date:	Engineer:
Facility Description:	Source Description:	
296:	MACT:	NSPS:
Fuels:	Control Equipment:	
Project Description/Comments:		

<b>Air Permitting - System Updates (add initials &amp; date completed)</b>	
Engineer - Final Permit Copied (read only) to Air Common\Permits\PermitXX\	
Permitting Supervisor - Permit to be posted on DARM website? (Y/N)	NO Posted by/date: X
Engineer - ARMS Inventory Data Entry:	11-6-03 DH
Permitting Clerk - Permit List Data Entry (Access):	X
Permitting Supervisor - Send permit to compliance section? (Y/N)	NO
Permitting Supervisor - Copy of transmittal sheet to Nancy Knight (new facility)? (Y/N)	NO
Permitting Supervisor - Copy of Permit/Intent to Party of Interest? (Y/N)	NO

Oracle Developer Forms Runtime - Web  
 Query Coll Rpts Rmnd Exit CRA Window  
**ORACLE**

Cash Receiving Application - Collection Point Log Remittance

### Collection Point Log Remittance

AREA **SWD** Tot **CRAF006A \$500.00**

Remittance **528322** Type **CP** Recvd Date **06/30/2003** Status **RECEIVED**

SYSSRCPT **424189** PNR  Check # **10836** Amount **500.00**

SSN/FEI#  Name **GLOBAL TIRE RECYCLING OF SUMTER COUNT**

First  Middle  Title  Suf

Address1 **1201 INDUSTRIAL DRIVE** Short Comments

Address2  **S-AIR 1190028-003 & 004**

City **WILDWOOD** ST **FL** Zip **34786** Country

### PAYMENT(S)

Payment#	Distr	CL	Object	Payment	Reference#	Applic/	Fund	status
	Area		Code/Description	Amount		ARM	PFTF	
571896	SWD		002222 AIR CONSTRUCT	\$250.00	1190028-003	ARM	PFTF	COMPLETE
571897	SWD		002223 AIR OPERATE	\$250.00	1190028-004	ARM	PFTF	COMPLETE

COMMIT FREQUENTLY **\$500.00** Payment total

Oracle Developer Forms Runtime - Web  
 Permits Events Payment Site Facility Party Lct Help Exit Window  
**ORACLE**

Permitting Application - Permit Detail and Log Permit

### ARMS Facility

POINT  AIRSID **1190028** STATUS **A** OFFICE **SWD** SW: **TAMPA**

SITE NAME **GLOBAL TIRE RECYCLING SUMTER CO IHC** COUNTY **SUMTER**

OWNER/COMPANY **GLOBAL TIRE RECYCLING OF SUMTER CO IHC**

### Project

AIR Permit #  Project # **003** CRA Reference # **153109**

Permit Office **SWD (DISTRICT)** Agency Action **Pending**

Project Name **MODIFY 1190028-001-AC** Desc **Increase hrs. Increase allowable hours from 6,000 to 8,760 hrs. yr.**

Type/Sub/Des **AC / 1F** Source less than 5 tpy \$250

Received **06/30/2003** Issued  Expires  OGC

Fee **250.00** Fee Recd **250.00** Dela  Override **NONE**

### Related Party

Role **APPLICANT** Begin **07/01/2003** End

Name **GRAZIANI, DARREL J.** Company **SOUTHERN ENVIRONMENTAL SCIENCES IHC**

Address **1204 NORTH WHEELER STREET**

City **PLANT CITY** State **FL** Zip **33563** Country **U.S.A.**

Phone **813-752-5014** Fax **813-752-2475**

### Processors

Processor **PETERSON E** Active **07/01/2003** Inactive  Events

Events Scheduled

56 of 99

AIRS ID: 1190028

Site Name: GLOBAL TIRE RECYCLING SUMTER CO IINC

Permit #: 1190028-003-AC

Type/Subtype: AC / IF

Received: 06/30/2003

Project #: 003

Project Name: (MODIFY 1190028-001-AC)

> STOP CLOCK: Done

Event	Begin Date	Period	Due Date	Rmn	Status	End Date
Fee Verification	06/30/2003	2	07/02/2003		Sufficient Fee	07/02/2003
Completeness Review	06/30/2003	30	07/30/2003		Complete	07/28/2003
Determine Agency Action	06/30/2003	90	09/28/2003		Issue	08/04/2003
Mail Public Notice of Intent to Applicant and Date of Publication	08/04/2003	10	08/14/2003		Done	08/04/2003
Awaiting Petition for Administrative Proceeding	08/14/2003	999	04/29/2006		Published	08/14/2003
Issue Final Permit	08/28/2003	14	08/28/2003		Not Received	08/28/2003
ISSUE PERMIT	09/04/2003	14	09/11/2003		Issued	09/04/2003
STOP CLOCK	09/04/2003	1	09/05/2003		Issued	09/04/2003
ARMS Data Entry	09/04/2003	40	10/14/2003		Done	09/04/2003
STOP CLOCK	08/04/2003	1	08/05/2003		Done	11/06/2003
					Done	08/04/2003

POINT AIRS ID: 1190028 STATUS: A OFFICE: SWD SW: TAMPA  
SITE NAME: GLOBAL TIRE RECYCLING SUMTER CO LLC COUNTY: SUMTER  
OWNER/COMPANY: GLOBAL TIRE RECYCLING OF SUMTER CO LLC

Project

AIR Permit #: 1190028 - 003 - AC Project #: 003 CRA Reference #: 153100  
Permit Office: SWD (DISTRICT) Agency Action: Issued  
Project Name: MODIFY 1190028-001-AC Desc: Increase hrs. Increase allowable hours from 6,000 to 3,760 hrs. yr.  
Type/Sub/Des: AC / 1F Source less than 5 tpy \$250 Logged: 07/01/2003  
Received: 06/30/2003 Issued: 09/04/2003 Expires: 01/30/2004 OGC:   
Fee: 250.00 Fee Recd: 250.00 Dele: Override: NONE

Related Party

Role: APPLICANT Begin: 07/01/2003 End:   
Name: GRAZIANO, DARREL J. Company: SOUTHERN ENVIRONMENTAL SCIENCES LLC  
Address: 1204 NORTH WHEELER STREET  
City: PLANT CITY State: FL Zip: 33563 Country: U.S.A.  
Phone: 813-752-5014 Fax: 813-752-2475

Processors

Processor: HEIRY\_DD Y Active: 07/07/2003 Inactive:  Events:

EU No	Description
D01	<b>SEPARATOR SCREEIS</b>

Application Routing and Transmittal Sheet

**Air Permitting Supervisor - Required Information for Project Setup by Admin**

Owner/(Facility Name, if needed): Global Tire Recycling		Facility ID No.: 1190028
New Facility (Y/N): NO	Relocatable (Y/N): N	Project Description: Increase allowable hours from 6,000 to 8,760 hrs./yr. as allowed by 1190028-003-AC.
Project Name: Amend 1190028-002-AO; Increase hrs.		
Type/Subtype: ao/mm	Received: 6-30-2003	
Fee Submitted: <input checked="" type="checkbox"/> correct <input type="checkbox"/> incorrect <input type="checkbox"/> na		Should Be \$ 250
Fee Checked By: Jim M		Submitted \$ 250
Date: 6-30-2003		Overide Reason (if needed):
		Needed/Refund \$ 0

**Admin - Project Setup Information**

Project No.: 004	Initial ARMS Entry (Initials & Date): SW 7-1-03	Virus Scan Date:
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**Air Permitting Supervisor - Application Information**

Application Assigned To: DH	Date: 7/7/03	
No. of Hardcopies: 4	No. of Disks: na	Confidential Information (Y/N): N
Application Distribution (hardcopy/disk): DEP Engineer: 4 County: na Other:		

**Air Permitting - Permit Transmittal (add initials & date completed)**

	Intent/ Draft	Final	Day 30/60/90
Permit No.:			
Project No.:			9-28-03
Engineer → permit supervisor	7-29-03 DH	8-29-03 DH	C/E Review Y/N
Permit supervisor → DAPA	7-30-03 BP	8-29-03 BP	
DAPA → clerk/engineer	8/4/03 MK	9/3/03	
Permit Package Mailed/Emailed		9/4/03	
ARMS Events Entry		9/4/03	

**Air Permitting Supervisor - Data Fields for Access System (add at final issuance)**

Permit No.:	Issue Date:	Engineer:
Facility Description:	Source Description:	
296:	MACT:	NSPS:
Fuels:	Control Equipment:	
Project Description/Comments:		

**Air Permitting - System Updates (add initials & date completed)**

Engineer - Final Permit Copied (read only) to Air Common/Permits/PermitXX\
Permitting Supervisor - Permit to be posted on DARM website? (Y/N) NO Posted by/date: X
Engineer - ARMS Inventory Data Entry: 11-6-03 DH
Permitting Clerk - Permit List Data Entry (Access): X
Permitting Supervisor - Send permit to compliance section? (Y/N) NO
Permitting Supervisor - Copy of transmittal sheet to Nancy Knight (new facility)? (Y/N) NO
Permitting Supervisor - Copy of Permit/Intent to Party of Interest? (Y/N) NO



Oracle Developer Forms Runtime - Web

Query Coll Rpts Rmid Exit CRA Window

Cash Receiving Application - Collection Point Log Remittance

### Collection Point Log Remittance

AREA **SWD** Tot **CRAF006A**  
**\$500.00**

Remittance **528322** Type **CP** Recvd Date **06/30/2003** Status **RECEIVED**  
 SYSSRCT **424189** PNR  Check # **10836** Amount **500.00**  
 SSN/FE#  Name **GLOBAL TIRE RECYCLING OF SUMTER COUNT**  
 First  Middle  Title  Sur   
 Address1 **1201 INDUSTRIAL DRIVE** Short Comments **S-AIR 1190028-003 & 004**  
 Address2   
 City **WILDWOOD** ST **FL** Zip **34786** Country

#### PAYMENT(S)

Payment#	Distr	CL	Object	Payment	Reference#	Applic/	Fund *	status
	Area		Code/Description	Amount				
571896	SWD		002222 AIR CONSTRUCT	\$250.00	1190028-003	ARM	PFTF	COMPLETE
571897	SWD		002223 AIR OPERATE	\$250.00	1190028-004	ARM	PFTF	COMPLETE

**COMMIT FREQUENTLY** **\$500.00** Payment total

Oracle Developer Forms Runtime - Web

Permits Events Payment Facility Party Lct Help Exit Window

Permitting Application - Permit Detail and Log Permit

### ARMS Facility

POINT AIRS.ID **1190028** STATUS **A** OFFICE **SWD** SW: TAMPA  
 SITE NAME **GLOBAL TIRE RECYCLING SUMTER CO IHC** COUNTY **SUMTER**  
 OWNER/COMPANY **GLOBAL TIRE RECYCLING OF SUMTER CO IHC**

#### Project

AIR Permit #  Project # **004** CRA Reference # **153113**  
 Permit Office **SWD(DISTRICT)** Agency Action **Pending**  
 Project Name **AMEND 1190028-002-AD** Desc **Increase hrs. Increase allowable hours from 5,000 to 8,760 hrs. hr. a**  
 Type/Sub/Des **AO / MM** Minor Modification Logged **07/01/2003**  
 Received **06/30/2003** Issued  Expires  OGC   
 Fee **250.00** Fee Recd **250.00** Date  Override **NONE**

#### Related Party

Role **APPLICANT** Begin **07/01/2003** End   
 Name **GRAZIANI, DARREL J.** Company **SOUTHERN ENVIRONMENTAL SCIENCES IHC**  
 Address **1204 NORTH WHEELER STREET**  
 City **PLAINT CITY** State **FL** Zip **33563** Country **U.S.A.**  
 Phone **813-752-5014** Fax **813-752-2475**

#### Processors

Processor **PETERSON E** Active **07/01/2003** Inactive  Events

Events Scheduled

56 of 90

AIRS ID: 1190028

Site Name: GLOBAL TIRE RECYCLING SUMTER CO INC

Permit #: 1190028-004-A0

Type/Subtype: AO / MM

Received: 06/30/2003

Project #: 004

Project Name: (AMEID:1190028-002-A0)

STOP CLOCK: Done

Event	Begin Date	Period	Due Date	Rmn	Status	End Date
Fee Verification	06/30/2003	2	07/02/2003		Sufficient Fee	07/02/2003
Completeness Review	06/30/2003	30	07/30/2003		Complete	07/28/2003
Determine Agency Action	06/30/2003	90	09/28/2003		Issue	08/04/2003
Mail Public Notice of Intent to Applicant and Date of Publication	08/04/2003	10	08/14/2003		Done	08/04/2003
Awaiting Petition for Administrative Process	08/14/2003	14	08/28/2003		Published	08/14/2003
Issue Final Permit	08/28/2003	14	09/11/2003		Not Received	08/28/2003
ISSUE PERMIT	09/04/2003	1	09/05/2003		Issued	09/04/2003
STOP CLOCK	09/04/2003	1	09/05/2003		Issued	09/04/2003
ARMS Data Entry	09/04/2003	40	10/14/2003		Done	09/04/2003
STOP CLOCK	08/04/2003	1	08/05/2003		Done	11/06/2003
					Done	08/04/2003



POIIT AIRS ID 1190028 STATUS A OFFICE SWD SW: TAMPA  
SITE NAME GLOBAL TIRE RECYCLING SUMTER CO LLC COUNTY SUMTER  
OWNER/COMPANY GLOBAL TIRE RECYCLING OF SUMTER CO LLC

Project

AIR Permit # 1190028 - 004 - AO Project # 003 CRA Reference # 153113  
Permit Office SWD (DISTRICT) Agency Action Issued  
Project Name AMEHD 1190028-002-AO Desc Increase hrs. Increase allowable hours from 6,000 to 8,760 hrs. hr. a  
Type/Sub/Des AO MM Minor Modification Logged 07/01/2003  
Received 06/30/2003 Issued 09/04/2003 Expires 01/30/2004 OGC  
Fee 250.00 Fee Recd 250.00 Dele Override NONE

Related Party

Role APPLICANT Begin 07/01/2003 End  
Name GRAZIAINI, DARREL J. Company SOUTHERN ENVIRONMENTAL SCIENCES LLC  
Address 1204 NORTH WHEELER STREET  
City PLANT CITY State FL Zip 33563 Country U.S.A.  
Phone 813-752-5014 Fax 813-752-2475

Processors

Processor HEURY\_DD Y Active 07/07/2003 Inactive Events

EU No	Description
001	SEPARATOR SCREEIS

## MEMORANDUM

**TO:** Gerald J. Kissel, P.E.  
District Air Program Administrator

**DATE:** 8/29/03

**THROUGH:** Eric Peterson, P.E. *EP*  
Air Permitting Supervisor, SWD

**FROM:** Danielle Henry, Air Permitting Engineer *DH*

**SUBJECT:** Company: Global Tire Recycling  
Permit Nos: 1190028-003-AC (Modification) & 1190028-004-AO (Amendment)  
Final Issuance  
County: Sumter  
Project: Construction Modification Permit & Amended Operation Permit


The Intent to Issue Public Notice for the above permit was published on August 14, 2003 in the Sumter County Times weekly newspaper. I have reviewed the proof of publication and verified that the correct notice was published.


I recommend issuance of this final permit modification and amendment, which is identical to the draft permit modification and amendment approved by this office as part of the Notice of Intent package.

## MEMORANDUM

**TO:** Gerald J. Kissel, P.E.  
District Air Program Administrator

**DATE:** 7/29/03

**THROUGH:** Eric Peterson, P.E.   
Air Permitting Supervisor, SWD

**FROM:** Danielle Henry, Air Permitting Engineer 

**SUBJECT:** Company: Global Tire Recycling  
Permit No: 1190028-003-AC (Modification) & 1190028-004-AO (Amendment)  
(Intent to Issue & Public Notice)  
County: Sumter  
Default Date (Day 90): September 28, 2003

From the information below, I recommend that the Intent to Issue for the two permits for Global Tire Recycling be signed.

On June 30, 2003, the Department received a request from Global Tire Recycling to increase the allowable operating hours from 6000 hours per 12-month consecutive period to 8760 hours per 12-month consecutive period. This request includes a modification of their construction permit (1190028-001-AC) and an amendment of their operation permit (1190028-002-AO).

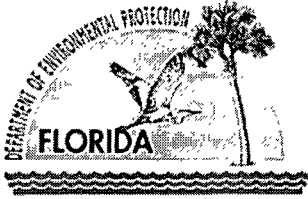
The crumb rubber manufacturing plant consists of (1) waste tire receiving, storage and staging areas, (2) a rotary shear type tire shredder, (3) two cracker mills in series with hooded air separator screens, (4) three fine grind mills in parallel with hooded air separator screens, (5) intermediate and final product storage bins, and (6) final product bagging and bulk loading. Particulate emissions from the 2 gravity separators (destoners) and 12 hooded air separation screening operations are controlled by a MAC Environmental, Model 144WMC338 baghouse.

According to the air construction permit application dated April 1998, the maximum annual production rate of the crumb rubber is limited by the production rate capacity of the 3 parallel fine grind mills. The maximum projected annual production rate is 16,000 tons of mesh size crumb rubber beads. This value is based on operating the 3 fine grind mills at 90% capacity on an annual average basis, operating them 24 hours/day, 5 days/week, 50 weeks/year (or 6000 hours per year). These specified hours of operation were incorporated into the construction permit. The construction permit also states that the maximum input rate shall not exceed 20,000 tons/year.

According to the initial air operation permit application dated June 27, 1999, the maximum annual production rate of the crumb rubber remained the same – 16,000 tons of mesh size crumb rubber – but the permittee requested a change in the maximum operating hours schedule from 6000 hours per year to 8760 hours per year. This request was not incorporated into the initial air operating permit which was issued on 10-14-99.

During the review process, a permit violation of operating hours (Specific Condition #3) in the current operating permit (1190028-002-AO) was discovered. Specifically, the facility's 12 month rolling hours of operation for 2001 and 2002 were greater than the permitted limitation of 6000 hours per 12-month consecutive period which was noted on the Global Tire Recycling Air Quality Production Records attached to the Annual Air Compliance Inspection report dated March 13, 2003. On July 11, 2003, I notified Shelia Schneider, Enforcement Coordinator, of my findings. After a review of the permit and compliance files and follow-up discussions with Shelia, it was determined that enforcement action was not warranted. Shelia has no objections to the issuance of this permit modification.

In conclusion, I recommend that the hours of operation be increased to 8760 hours per 12-month consecutive period. Although there will be an increase in potential particulate emissions (controlled), the increase is expected to be small since both the production cap and corresponding potential emissions (1 TPY) will remain unchanged. Due to equipment limitations, the maximum production capacity cannot be changed and will remain limited to 20,000 tons/year. The recordkeeping conditions of the current permits were also updated to delete the monthly and twelve-month rolling totals of the hours of operation which is no longer required as a permit condition. Upon issuance of the permit, the facility will continue to be considered as a minor source, non-Title V facility.



Jeb Bush  
Governor

# Department of Environmental Protection

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

David B. Struhs  
Secretary

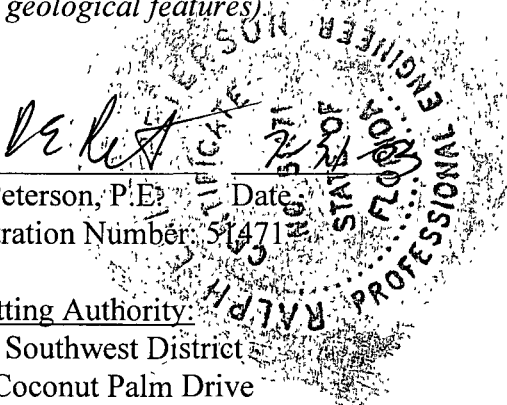
## P.E. Certification Statement

**Permittee:** Global Tire Recycling

**Project type:** Increase Hours of Operation

**Permit No.:** 1190028-003-AC

*I HEREBY CERTIFY that the engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including, but not limited to the electrical, mechanical, structural, hydrological, and geological features).*

  
R.E. Peterson, P.E. Date: 7/26/06  
Registration Number: 51471

Permitting Authority:  
FDEP Southwest District  
3804 Coconut Palm Drive  
Tampa, FL 33619  
813/744-6100 Ext 107  
Fax: 813/744-6458