

Southern Environmental Sciences, Inc.

1204 North Wheeler Street Plant City, Florida 33563 (813) 752-5014 Fax: (813) 752-2475

June 24, 2003

Mr. Robert Björk
Vice President
Global Tire Recycling
1201 Industrial Drive
Wildwood, Florida 34786

D.E.P
SOUTHWEST DISTRICT
JUN 30 2003
TAMPA

Re: **Permit Modification Request**
Permit Nos. 1190028-001-AC & 1190028-002-AO

Dear Mr. Björk:

Enclosed please find six (6) copies of the permit modification request to be submitted to the Florida Department of Environmental Protection (FDEP). Please sign four (4) of the copies as indicated by the green tags. All four signed copies along with a check in the amount of **\$500.00** will need to be sent to the FDEP. Your check will need to be made **payable** to the **Florida Department of Environmental Protection**.

Please note that the request is in the form of letter. This format is being used based on initial conversations with Mr. Jim McDonald of the FDEP regarding the nature of the modification. Should they decide that a full application is needed after submittal of the letter request, I will notify you immediately.

Thank you for allowing us to assist you on this project. Should you have any questions, please do not hesitate to contact me at 813-752-5014.

Sincerely,

SOUTHERN ENVIRONMENTAL
SCIENCES, INC.


Darrel J. Graziani, P.E.
Permitting Manager

DJG/djg

Enclosures.

Southern Environmental Sciences, Inc.

1204 North Wheeler Street Plant City, Florida 33563 (813) 752-5014 Fax: (813) 752-2475

June 24, 2003

Mr. Eric Peterson, PE
FLORIDA DEPARTMENT
of ENVIRONMENTAL PROTECTION
8407 Laurel Fair Circle
Tampa, Florida 33610

D.E.P
SOUTHWEST DISTRICT
JUN 30 2003
TAMPA

Re: **Global Tire Recycling – Minor Modification**
Permit Nos. 1190028-001-AC & 1190028-002-AO
Sumter County

Dear Mr. Peterson:

On behalf of Global Tire Recycling, Southern Environmental Sciences (SES) is requesting a minor modification to the air construction and operating permits for the above facility. The modification reflects a relaxation of the federally-enforceable restriction on the hours of operation contained in both permits. I have enclosed four copies of the request, the signed Owner/Authorized Representative Statement, the Professional Engineer Certification, and the emission estimates for your review. We have also enclosed a check in the amount of **\$500.00** to cover the cost to modify the AC permit and amend the AO permit accordingly.

On June 17, 2003, I discussed the pending request with Mr. Jim McDonald of your staff. Mr. McDonald advised that based on the Department's Technical Evaluation and Preliminary Determination the potential emissions from the facility were based on production levels. This included the following assumptions:

- 20,000 ton per year cap on production (SC# 4, AC Permit);
- 5 percent by weight fiber content of the materials processed (Unchanged); and
- 99.9 percent removal efficiency of the baghouse.

Based on this information, potential particulate matter emissions (controlled) from the various pickup points within the building were estimated at 1 ton per year. Because of equipment limitations, the facility has not been able to reach its maximum production capacity and has approached the limitation on hours of operation. Relaxation of the restriction will result in an increase in emissions associated with the expanded hours of operation. However, any increase is expected to be small since both the production cap and corresponding potential emissions (1 TPY) will remain unchanged.

Mr. Eric Peterson
Global Tire Recycling


June 24, 2003
Minor Modification Request

Please be advised that at this point Global Tire Recycling is not seeking to add any new equipment or modify any of the existing equipment. They are aware that any such activities would require a new air construction permit.

Thank you for considering this request. Should you have any questions, comments, or need any additional information please do not hesitate to contact me at 813-752-5014.

Sincerely,

SOUTHERN ENVIRONMENTAL
SCIENCES, INC.



Darrel J. Graziani, P.E.
Permitting Manager

/ca

Enclosures

APPLICATION INFORMATION

Owner/Authorized Representative Statement

Complete if applying for an air construction permit or an initial FESOP.

1. Owner/Authorized Representative Name : Mr. Robert Björk/Vice President
2. Owner/Authorized Representative Mailing Address... Organization/Firm: Global Tire Recycling Street Address: 1201 Industrial Drive City: Wildwood State: Florida Zip Code: 34785
3. Owner/Authorized Representative Telephone Numbers... Telephone: (352) 330 - 2213 ext. Fax: (352) 330 - 2214
4. Owner/Authorized Representative Email Address: gtcrumb@aol.com
5. Owner/Authorized Representative Statement: <i>I, the undersigned, am the owner or authorized representative of the facility addressed in this air permit application. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof and all other requirements identified in this application to which the facility is subject. I understand that a permit, if granted by the department, cannot be transferred without authorization from the department, and I will promptly notify the department upon sale or legal transfer of the facility or any permitted emissions unit.</i>  _____ Signature <u>6-26-03</u> Date

**D.E.P
SOUTHWEST DISTRICT
JUN 30 2003
TAMPA**

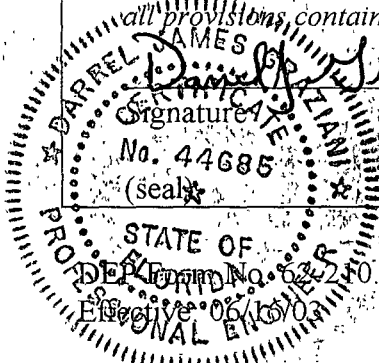
APPLICATION INFORMATION

Professional Engineer Certification

1. Professional Engineer Name: Darrel James Graziani Registration Number: 44685
2. Professional Engineer Mailing Address... Organization/Firm: Southern Environmental Sciences, Inc. Street Address: 1204 North Wheeler Street City: Plant City State: Florida Zip Code: 33563
3. Professional Engineer Telephone Numbers... Telephone: (813) 752 - 5014 ext. 226 Fax: (813) 752 - 2475
4. Professional Engineer Email Address: djgraziani@cs.com
5. Professional Engineer Statement: <i>I, the undersigned, hereby certify, except as particularly noted herein*, that:</i> <i>(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this application for air permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and</i> <i>(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.</i> <i>(3) If the purpose of this application is to obtain a Title V air operation permit (check here <input type="checkbox"/>, if so), I further certify that each emissions unit described in this application for air permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance plan and schedule is submitted with this application.</i> <i>(4) If the purpose of this application is to obtain an air construction permit (check here <input checked="" type="checkbox"/>, if so) or concurrently process and obtain an air construction permit and a Title V air operation permit revision or renewal for one or more proposed new or modified emissions units (check here <input type="checkbox"/>, if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.</i> <i>(5) If the purpose of this application is to obtain an initial air operation permit or operation permit revision or renewal for one or more newly constructed or modified emissions units (check here <input checked="" type="checkbox"/>, if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.</i>

Darrel James Graziani
Signature
No. 44685
(seal)

6-20-03
Date



SOUTHERN ENVIRONMENTAL SCIENCES, INC.
EXCEL CALCULATION SHEET

Date: 6/18/03
Prepared By: Darrel J. Graziani, PE

Client: Global Tire Recycling
Project: AC/AO Modification

Description:

The project involves the relaxation of a federally-enforceable permit condition that limits operation to 6,000 hours per year. Relaxation of the restriction will not result in an increase in emissions above the current allowables. The relaxation will result in a slight increase in actual emissions and thus a minor modification is required.

Background:

The potential emissions for this facility were estimated based on processing 20,000 tons per year of tires. The equipment includes conveyors, a rotary shear tire shredder, two cracker mills, three fine grind mills, storage bins, bagging and bulk loadout operations. Emissions are controlled by a baghouse with a reported efficiency of 99.9% (AC Application). Emission estimates were based on the collection of the fiber that was estimated at approximately 5% of the processed materials. Currently the source is approaching its annual limit on hours of operation but not the limit on production. The requested relaxation will remove the limit on hours of operation but retain the annual production cap.

Emission Estimates

Production Cap	20,000 Tons per Year, Ref: S.C.#4, Permit No. 1190028-001-AC
Fiber Content	5 % wt, AC Permit Application, Process Knowledge
Baghouse Efficiency	99.9 % Removal, AC Permit Application
PM Emissions:	1000 TPY Uncontrolled (Production Cap X Fiber Content) 1 TPY Controlled (Uncontrolled Emissions X (1- BH Eff.))
Net Increase:	<1 TPY (Based on the Production Cap)

D.E.P.

JAN 31 2000

Southwest District Tampa



1201 Industrial Drive
Wildwood, FL 34785
Phone: (352) 330-2213
Fax: (352) 330-2214
Web Site: www.gtrcrumbrubber.com

January 27, 2000

W.C. Thomas, P.E.
District Air Program Administrator
Southwest District
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619

Re: Florida Air Operation Permit
Application No. 1190028-001-AC

Dear Mr. Thomas:

On or about July 27, 1999, Global Tire Recycling of Sumter County, Inc. filed the above referenced Application via its consultant Environmental Resources Management.

To date, Global has not received a response to this Application. Would you please provide one at your earliest convenience?

Thank you.

Sincerely,

A handwritten signature in black ink that reads "R. Brian Fifer". The signature is written in a cursive, flowing style.

R. Brian Fifer
President & C.E.O.

*sent copy
of permit
2/7/00 - JK*

PERMIT APPLICATION FEE/ASSIGNME SHEET

ARMS Facility

POINT Office	Cty	AIRS ID
Owner <i>Global Time</i>	Name	
Directions		
Street		
City	Zip	-
UTM Zone	East	North
	Latitude	: :00 Longitude
Status	Maj Group SIC	
Reloc N	Shtdwn Dt	Strt Dt
Gov Fac		Final Shutdown Dt
AOR Reg	Ozone SIP Facility N	Type
Compliance Tracking		HAZ Waste Generator ID: FLD
Title V	non-HAP Class	One Time Title V Credit HAP Class

Permitting Application
ARMS Facility

Facility Name:	Owner:	AIRS ID: <i>1190028</i>
County:		
Office:	Category:	
AIR Permit #:	Project	Project #:
Permit Office:		CRA Reference #:
Project Name: <i>Crumb Rubber Mfg "COAC"</i>	Desc:	Agency Action:
Type/Sub/Req: <i>AO2B1</i>		Logged:
Received: <i>7/29/99</i>	Issued:	Expires:
Fee:	Realized:	Dele:
	Related Party	Override:
Role:	Begin:	End:
Name:		SSN/FEID:
Addr:	State:	Zip:
City:		Country:
Phone:	Fax:	
Processor:	Processors Active:	Inactive:

14 Days to go 90 00 10/13/99

FEE SUBMITTED: () correct () incorrect - Should Be \$ 1000.
 Submitted \$ 1000.
 FEE CHECKED BY: *[Signature]* DATE: 8/2 Needed/Refund \$ _____
 APPLICATION ASSIGNED TO: G. RICHARDSON DATE: 7/99

	Completed	Initials
Initial Entry in Arms:	<u>8/3/99</u>	<u><i>[Signature]</i></u>
Permit Engineer Submit Permit Package to District Air Engineer	<u>10/13/99</u> <small>PII Final</small>	<u><i>[Signature]</i></u>
Permit Package to District Air Administrator:	<u>10/14/99</u> <small>PII Final</small>	<u><i>[Signature]</i></u>
Permit Package to Director of District Management:	<u>10/14/99</u> <small>PII Final</small>	<u><i>[Signature]</i></u>
Permit Package Mailed Out:	<u>10/14/99</u> <small>PII Final</small>	<u><i>[Signature]</i></u>
Issue Date Updated in Arms:	<u>10/14/99</u> <small>PII Final</small>	<u><i>[Signature]</i></u>

ARMS DATA ENTRY WORKSHEET

Facility Name _____ Facility ID No. _____

Permit No. _____ Emission Unit ID Nos. _____

Project _____

(Check)

- Construction Permit - AC Subtype _ _
- FESOP - AF Subtype _ _
- Operation Permit - AO Subtype _ _
- Title V Permit AV Subtype _ _
- Other(describe) _____

Data Required

New Facility (not in ARMS)

- Facility Data & Emission Unit Data

Existing Facility (existing ARMS)

- Facility Data
- Emission Unit Data
- Point Data

(Check)

Changes to Existing Facility

- ___ hours of operation
- ___ process rate\production rate
- ___ allowable emission limit(s). pollutant(s): _____
- ___ new pollutant(s): _____
- ___ HAPs emission rate\utilization rate
- ___ fuel type\%S content\fuel usage\MMBtu/Hr.
- ___ emission unit point(s): _____
- ___ compliance test frequency\due date\test method
- ___ Delete (describe) _____
- ___ Other (describe) _____

PERMIT PROCESSOR: _____ Date: _____

COMMENTS _____

perMits | Events | Payment | Site | Facility | party | Reports | >

Permitting Application

ARMS Facility

Facility Name: GLOBAL_TIRE_RECYCLING_SUMTER_CO_INC AIRS ID: 1190028
County: SUMTER Owner: GLOBAL_TIRE_RECYCLING_OF_SUMTER_CO_INC
Office: SW: TAMPA Category: POINT

Project

AIR Permit #: - - Project #: 002 CRA Reference #: 50399
Permit Office: SWD (DISTRICT) Agency Action: Pending
Project Name: CRUMB RUBBER MFG "COCOC" Desc:
Type/Sub/Req: AO /2B Minor Source - Other Sample \$1000 Logged: 03-AUG-1999
Received: 29-JUL-1999 Issued: Expires: OGC: -
Fee: 1000.00 Fee Recd: 1000.00 Dele: Override: NONE

Related Party

Role: APPLICANT Begin: 03-AUG-1999 End:
Name: FIFER, R. BRIAN Company: GLOBAL_TIRE_RECYCLING_OF_SUMTER
Addr: 419 S.W. 31ST ROAD
City: MIAMI State: FL Zip: 33129- Country: U.S.A.
Phone: 305-856-4348 Fax:

Processors

Processor: ~~KISSEL~~ GRICHARDSON Y Active: 03-AUG-1999 Inactive:

Enter Project Name.

Count: *1

<Replace>

AREA: SWD _____

Cash Receiving Application
Collection Point Log Remittance

CRAF006A

Tot: _____ \$1,000.00

-----+-----
 SYS\$REMT: 356398 Type: CP Recvd Date: 29-JUL-1999 Status: RECEIVED
 SYS\$RCPT: 294144 PNR: _____ Check #: 2756 Amount: _____ 1,000.00
 SSN/FEI#: _____ Name: GLOBAL TIRE RECYCLING
 First: _____ Middle: _____ Title: _____ Suf: _____
 Address1: 1201 INDUSTRIAL DRIVE Short Comments:
 Address2: _____ S-TIRE RECYC/1190028-002
 City: WILDWOOD ST: FL Zip: 34785-_____ Country: _____
 -----+-----

-----> P A Y M E N T (S) <-----

Distr	CL	Object	Payment	Reference#	Applic/ Fund	S T A CO
SYS\$PAYT	Area..	Code/Description.....	Amount.....			
372473	SWD	002223 AIR_OPERATE	\$1,000.00	1190028-02	ARM PFTF	CO
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

COMMIT FREQUENTLY _____ \$1,000.00 Payment total

Press <TAB> to accept Collection Point or enter F&A. _____

Count: *1

<Replace>

AIRS ID: 1190028 Facility: GLOBAL TIRE RECYCLING SUMTER CO INC
 Permit #: 1190028-002-AO Type/Subtype: AO/2B Received: 29-JUL-1999
 Project #: 002 Name: (CRUMB RUBBER MFG "COCOC")

Event	Begin Date	Prd	Due Date	Rmn	Status	End Date
Receive Request	29-JUL-1999	1	30-JUL-1999		Done	29-JUL-1999
Fee Verification	29-JUL-1999	2	31-JUL-1999		Sufficient	31-JUL-1999
Completeness Review	29-JUL-1999	30	28-AUG-1999		Default	29-AUG-1999
Determine Agency	29-JUL-1999	90	27-OCT-1999		Issue	14-OCT-1999
STOP CLOCK	14-OCT-1999	1	15-OCT-1999		Done	14-OCT-1999
Issue Final Perm	14-OCT-1999	14	28-OCT-1999		Issued	14-OCT-1999
ISSUE PERMIT	14-OCT-1999	1	15-OCT-1999		Issued	14-OCT-1999
ARMS Data Entry	14-OCT-1999	40	23-NOV-1999	40	Pending	

Final Permit Issuance on: 14-OCT-1999
 Please acknowledge message. (Ok)

----- Permitting Application -----

----- ARMS Facility -----

Facility Name: GLOBAL TIRE RECYCLING SUMTER CO INC AIRS ID: 1190028
County: SUMTER Owner: GLOBAL TIRE RECYCLING OF SUMTER CO INC
Office: SW: TAMPA Category: POINT

----- Project -----

AIR Permit #: 1190028-002-AO Project #: 002 CRA Reference #: 50399
Permit Office: SWD (DISTRICT) Agency Action: Issued
Project Name: CRUMB RUBBER MFG "COCOC" Desc:
Type/Sub/Req: AO /2B Minor Source - Other Sample \$1000 Logged: 03-AUG-1999
Received: 29-JUL-1999 Issued: 14-OCT-1999 Expires: 13-OCT-2004 OGC:
Fee: 1000.00 Fee Recd: 1000.00 Dele: Override: NONE

----- Related Party -----

Role: APPLICANT Begin: 03-AUG-1999 End:
Name: FIFER, R. BRIAN Company: GLOBAL TIRE RECYCLING OF SUMTER
Addr: 419 S.W. 31ST ROAD
City: MIAMI State: FL Zip: 33129- Country: U.S.A.
Phone: 305-856-4348 Fax:

----- Processors -----


Processor: RICHARDSON_G Y Active: 09-SEP-1999 Inactive:

Enter Project Name.
Count: *1


<Replace>

MEMORANDUM

TO: FILE

THROUGH: W.C. THOMAS, P.E. 

THROUGH: JERRY KISSEL, P.E.

FROM: GEORGE RICHARDSON 

DATE: October 13, 1999

SUBJECT: Operation Permit Application Received 7/29/99
Global Tire Recycling of Sumter County, Inc.
DEP Permit Processing No.: 1190028-002-AO
DEP Current Permit No.: 1190028-001-AC

This permit is for the crumb rubber manufacturing facility located at 1201 Industrial Drive, Wildwood, Sumter County.

This facility was constructed in accordance with the construction permit. The facility is in compliance.

I recommend this permit be issued.