# PERMIT APPLICATION FEE/ASSIGNMENT SHEET

	ARMS Facility	
POINT Office	Cty	AIRS ID
Owner Hobal Two Directions Street	Nam	ne .
City UTM Zone East Nort	. Zip h Latitude	: :00 Longitude : :00
Status Reloc N Shtdwn Dt Gov Fac AOR Req Ozone SIP Facility	HAZ Waste	Final Shutdown Dt Generator ID: FLD
Compliance Tracking	AP Class	One Time Title V Credit N HAP Class
Per	mitting Application	
Facility Name:	- ARMS Facility ——— Owner: Category	AIRS ID: //90028
Project Name:	resement fee by 50.	
Type/Sub/Req: for Tum Received: 6/4/99 Fee: Realized:	Issued: Dele: Related Party	Override: Lime sut.
Role: Begin: Name: Addr:		SSN/FEID:
City: Phone: Fax:	State: Zip:	- Country:
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FEE SUBMITTED: ( ) correct	t () incorre	ct - Should Be \$ 50.
FEE CHECKED BY:	DATE: 6/8	Needed/Refund \$
APPLICATION ASSIGNED TO:		DATE:
Initial Entry in Arms:	<u>Con</u> 6/	npleted Initials  (2/69 DD)
Permit Engineer Submit Per Package to District Air En		Final ON
Permit Package to District Administrator:	: Air	171 13/22 Final ##
Permit Package to Director District Management:	of	13/99 Final JK for W
Permit Package Mailed Out:		14/99 Final (10)
Issue Date Updated in Arms	•:	4/44 Final pp

# ARMS DATA ENTRY WORKSHEET

Facility Name	Facility ID No.
Permit No.	Emission Unit ID Nos.
Project	
(Check)	
☐ Construction Permit - AC ☐ FESOP - AF ☐ Operation Permit - AC ☐ Title V Permit AV ☐ Other(describe)	Subtype Subtype Subtype
new pollutant(s):  HAPs emission rate\utiliz  fuel type\%S content\fuel  emission unit point(s):  compliance test frequency  Delete (describe)	ation rate usage\MMBtu/Hr.
PERMIT PROCESSOR:	Date:
COMMENTS	

Enter Project Name.

Count: \*1 <Replace>

Cash Receiving Application Cash Receiving Application
Coll tion Point Log Remittance Tot:

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CRAF006A \$50.00

SYS\$REMT: 336184 Type: CP Recved Date: 04-JUN-1999 Status: RECEIVED SYS\$RCPT: 280912 PNR: Check #: 2712 Amount: 50.00

SSN/FEI#:

Name: GLOBAL TIRE RECYCLING

First:

Middle: Title: Suf:

Address1: 1201 INDUSTRIAL DRIVE

Short Comments:

Address2:

S-AC/1190028-001

City: WILDWOOD

ST: FL Zip: 34785- Country: -----------

Distr

Applic/ T

CL Object Payment Applic/ T SYS\$PAYT Area.. Code/Description....: Amount...... Reference# Fund A

354520 SWD 002222 AIR CONSTRUCT \$50.00 1190028-01 ARM PFTF CO

COMMIT FREQUENTLY

\$50.00 Payment total

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

Count: \*1

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#### **MEMORANDUM**

TO:

File

THROUGH: Bill Thomas, P.E.

Jerry Kissel, P.E.

FROM:

Henry Gotsch T

DATE:

July 7, 1999

SUBJECT:

Request to amend permit, received June 4, 1999

Global Tire Recycling., 1190028-001-AC

Crumb Rubber Plant

I recommend approval of Global Tire Recycling's request to extend the expiration date of the construction permit from 6/1/99 to 10/1/99.





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

June 2, 1999

Mr. George Richardson
Air Permitting
Air Resources Management Section
Southwest District Office
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619-8218
(813-744-6100 x 105)
(813-744-6458 fax)

Re: Global Tire Recycling- Request for Extension of Expiration Date for Permit No. 1190028-001-AC

Dear Mr. Richardson:

Global Tire Recycling of Sumter County, Inc., located in Wildwood, Florida was not able to complete the construction of the Crumb Rubber Manufacturing Plant on the schedule originally projected, due to unexpected circumstances. However, construction of the plant was completed before the expiration of the construction permit.

Global Tire requests an extension of the expiration date of the construction permit until October 1, 1999 to complete the required visible emissions test and to submit the application for the air operating permit at least 60 days prior to the permit expiration date, as stated in the permit. The visible emissions test is scheduled to be completed this month.

Enclosed is a check for the \$50 processing fee made payable to the Florida Department of Environmental Protection.

Please call me at (352) 330-2213 should you need any additional information concerning this request.

D.E.P. 1999
JUN 0 4 1999
Southwest District Tampa

Sincerely,

Michael F. Kelley

VP & General Counsel

Enclosure

cc: Stephen Smallwood, P.E., Tallahassee Office

# PERMIT MPPLICATION FEE/ASSIGNMENT SHEET

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# ARMS DATA ENTRY WORKSHEET

Facility Name	Facility ID No.
Permit No.	Emission Unit ID Nos.
Project	• 
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	Subtype
☐ Operation Permit - AC	Subtype
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Data Required  New Facility (not in ARMS)	
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PERMIT PROCESSOR:	Date:
COMMENTS	·

AREA: SWD	cash Receiving Collection Point		Tot: _	CRAF006A \$250.00
SYS\$REMT: 248201 SYS\$RCPT: 204025 SSN/FEI#: First: Address1: 1201_INDU Address2: City: WILDWOOD_	Na:Middl JSTRIAL_DR	k #: 1067 me: GLOBAL_TIRE e: Title	Amount:  RECYCLING Su Short Comme -CRUMB RUBBE	250.00 f: nts:
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perMits | Events | Payment | Site | Facility | martY | Reports | > +----+ Facility Name: GLOBAL TIRE RECYCLING SUMTER CO INC AIRS ID: 1190028 Owner: GLOBAL TIRE RECYCLING OF SUMTER CO INC County: SUMTER | Office: SW: TAMPA | Category: POINT | +------Category: POINT NPermit Office: SWD (DISTRICT) Agency Action: Issued Project Name: CRUMB RUBBER PLANT Desc: Type/Sub/Req: AC /1F Source less than 5 tpy \$250 Logged: 01-MAY-1998 Received: 28-APR-1998 Issued: 02-JUL-1998 Expires: 01-JUN-1999 OGC: Role: APPLICANT Begin: 01-MAY-1998 End: Name: KELLEY, MICHAEL F. ESQ. Company: GLOBAL TIRE RECYCLING INC Addr: 1201 INDUSTRIAL RD

City: WILDWOOD State: FL Zip: 34785- Country: U.S.A. Phone: 352-330-2213 Fax: 352-330-2214 

Enter Project Name.

Count: \*1

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Help   Reports   6		ittin	ng Application	on 💮	)	
AIRS ID: 1190028   Permit #: 1190028-00   Project #: 001	01-AC Type/S	Subty	ype: AC/1F			NC
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Completeness Revie	28-APR-1998	30	28-MAY-1998		Complete	28-APR-1998
Determine Agency	28-APR-1998	90	27-JUL-1998		Issue	18-MAY-1998
STOP CLOCK	18-MAY-1998	1	19-MAY-1998		Done	18-MAY-1998
Mail Public Noti	18-MAY-1998	10	28-MAY-1998		Done	02-JUN-1998
Date of Publica	02-JUN-1998	999	25-FEB-2001		Published	18-JUN-1998
STOP CLOCK	02-JUN-1998	1	03-JUN-1998		Done	02-JUN-1998
Applicant recei	02-JUN-1998	14	16-JUN-1998		Received	04-JUN-1998
Issue Final Pe	18-JUN-1998	14	02-JUL-1998		Tssued	02-JUL-1998

Database has been successfully updated.

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ISSUE PERMIT | 02-JUL-1998 | 1 | 03-JUL-1998 |

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<List><Replace>

02-JUL-1998

Pending

Done

#### MEMORANDUM

TO:

G. Kissel W

FROM:

George Richardson

DATE:

July 2, 1998

SUBJECT:

Final Issuance, Global Tire Recycling of Sumter County, Inc.

1190028-001-AC

The Public Notice was published on June 18, 1998 and no comments have been received to date. I have reviewed the Proof of Publication and all is in order.

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

#### TECHNICAL EVALUATION

AND

#### PRELIMINARY DETERMINATION

FOR

Global Tire Recycling of Sumter County, Inc.

Sumter County

Construction Permit Application Number

101190028-001-AC

Florida Department of Environmental Protection

Southwest District

Tampa, FL

May 11, 1998

Prepared by: George W. Richardson Air Permitting Engineer

#### I. Project Description:

#### A. Applicant:

Mr. Michael F. Kelley, Esq. Vice President and General Counsel Global Tire Recycling of Sumter County, Inc. 1201 Industrial Drive Wildwood, FL 34785

#### B. Engineer:

Mr. Stephen Smallwood ERM-South 2964 Wellington Circle N #2b Tallahassee, FL 32308-6885

#### C. Project and Location:

For the construction of a crumb rubber manufacturing plant to be located at 1201 Industrial Drive, in the Willard Peebles Industrial Park, Wildwood, Sumter County.

#### D. Process and Controls:

For the construction of crumb rubber manufacturing plant. This 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 three hooded air separation screening operations are controlled by a MAC Environmental, Model 144WMCF338 baghouse.

#### E. Application Information:

Received on: 3/28/98

Information Requested: None Application Complete: 3/28/98

#### II. Rule Applicability

This project is subject to the preconstruction review requirements of Chapter 403, Florida Statutes and Chapters 62-200 through 62-297, Florida Administrative Code (F.A.C.).

This source is subject to Rule 62-297.620(4), F.A.C. 5% VE

This source is subject Rule 62-296.320(2), F.A.C. Odor

This source is subject to Rule 62-296320(4)(c), F.A.C. Fugitive Emission

This source is subject to Rule 62-4.070(3), F.A.C. Records

This source is subject to Rule 62-4.090. F.A.C. Operating Application

This source is subject to testing under EPA Method No. 9.

The location of this project is outside the area of influence of the Hillsborough County particulate air quality maintenance area and outside the ozone nonattainment area. it is not subject to the stringent new source review requirements of Rules 62-212.400 & 62-212.500, F.A.C., since the facility is considered minor.

#### III. Summary of Emissions

Calculated tons/year

Particulate

<2

#### IV. Conclusions

The emission limits proposed by the applicant will meet all of the requirements of Rule 62-296, F.A.C.

The general and Specific Conditions listed in the proposed permit (attached) will assure compliance with all the applicable requirements of Rules 62-200 through 62-297, F.A.C.

#### V. Proposed Agency Action

Pursuant to Section 403.087, Florida Statutes and Rule 62-4.07, Florida Administrative Code, the Department hereby gives notice of its intent to issue a permit to construct the aforementioned air pollution source in accordance with the draft permit and its conditions as stipulated (see attached).



Crumb Rubber For The Asphalt And Molded Products Industries 1201 Industrial Drive Wildwood, FL 34785 Tel: 352-330-2213 Fax: 352-330-2214

**Hand Delivered** 

April 28, 1998

Jerry Kissel, P.E.
Florida Department of Environmental Protection
Air Permitting Section
3804 Coconut Palm Drive
Tampa, FL 33619-8313

D.E.R.

RE: Global Tire Recycling of Sumter County, Inc.; Application for Air Construction Permit APR 28 1998

SOUTHWEST DISTRICT TAMPA

Dear Mr. Kissel,

You will find enclosed four copies of the application for air permit submitted on behalf of Global Tire Recycling of Sumter County, Inc. ("Global") for its crumb rubber manufacturing plant in Wildwood, Florida, together with appendices supporting the application and Global's check for the permit fee of \$250.00.

Global claims that the system assembly drawing included as part of Appendix D to the application is a confidential trade secret exempt from public disclosure pursuant to F.S. sections 119.07(3), 403.111, 812.081(1)(C) and F.A.C. section 62-730.310, and requests that it be kept in a separate confidential file accessible only to department personnel involved in the application review process.

As you are aware, Global first learned that it may be required to apply for an air permit in mid March of this year, when it received the initial comments on its waste tire processing facility permit application from the DEP Solid Waste Division. Global immediately retained Mr. Steve Smallwood, P.E. in order to determine whether an air permit was necessary and Mr. Smallwood has been diligent in compiling the application. We hope to begin operations at the Wildwood plant on July 1, 1998 or soon thereafter and request that the air permitting section do everything in its power to expedite this application.

Please call me or Mr. Smallwood (850) 668-4552 if you have any questions. Mr. Smallwood will call you in the next few days to discuss the application with you.

Vice President and General Counsel

#### **MEMORANDUM**

TO: FILE

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

THROUGH: JERRY KISSEL, P.E.

FROM: GEORGE RICHARDSON

DATE: June 1, 1998

SUBJECT: Construction Permit Application Received 4/28/98

Global Tire Recycling of Sumter County, Inc.

DEP Processing No. 1190028-001-AC

The permit is for the construction of a crumb rubber manufacturing plant located at 1201 Industrial Drive, in the Willard Peebles Industrial Park, Wildwood, Sumter County.

This plant takes waste tires and grinds them into mesh size crumb rubber. Emissions from the screening operations are controlled by a baghouse.

I recommend this intent be issued.



# Department of Environmental Protection

Lawton Chiles Governor Southwest District 3804 Coconut Palm Drive Tampa, Florida 33619 813-744-6100, ext. 107 Fax: 813-744-6458

Virginia B. Wetherell Secretary

### P.E. Certification Statement

Permittee:

Permit No.: //90028-00/AC

**Project Description:** 

Crumb Rubber Mfg. Plant (from tires)

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).

G.J. Kissel, P.E.

Date

Registration Number: 41958

r acsimine	,	•	Environmental
[] Urgent	Please Review	[ ] Information Only	Resources Management
То	George	Richardson	2964 Wellington Circle N, 2 Tallahassee, FL 32308-6885 (850) 668-4552
Company	FDEF	- 5W Pestrop Die Sen	(850) 668-6925 (fix)
Fax Number /-	-813-744-6084	Telephone Number 1-813-744-6	160 × 105
From		Smallwood	
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#### PRIVILEGE AND CONFIDENTIALITY NOTICE

This message is intended only for the use of the individual(s) to whom it is addressed and may contain information that is privileged and/or confidential. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately at (850) 668-4552 and return the original message to us at the address above via the U.S. Postal Service. Thank you.

If you have any difficulty with this transmission, please call (850) 668-4552.

ERM Job No. 806.01

May 27, 1998

Mr. George Richardson
Air Permit Engineer
Air Resources Management Section
Southwest District
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33691-8218

Re: Global Tire Recycling of Sumter County; Preliminary Draft Air Construction Permit.

Dear Mr. Richardson:

Thank you for allowing us to review the Preliminary Draft Air Construction Permit. There are two draft specific conditions that need some clarification, SC #9 and SC #11.

The front half of the crumb rubber milling process (the shredder and the two in-series cracker mills) and the back half of the process (the three in-parallel fine grinding mills) can be operated independently of each other or at the same time. The baghouse controls particulate matter emissions from the hooded air separation screening tables associated with the cracker mills and those associated with the fine grind mills. The 8.0 tons/hour rate is the appropriate number for the cracker mill screening tables. During the compliance test the three fine grinding mills also need to be operated at 90-100% of their combined capacity, which is 3.0 tons/hour.

The unconfined particulate matter rule requires the Department to list the specific "reasonable precautions" that apply to a particular plant in the permit for that plant. The list of example precautions in the rule do not generically apply to all facilities. See page 15 of the Application under the heading "Application of Rules", for the specific "reasonable precautions (measures)" proposed for this plant.

The following are the changes we suggest for these two draft conditions.

SC #9. "Testing of emissions to show compliance shall be conducted while both the front half of the crumb rubber milling process controlled by the baghouse (the two in-series cracker mills) and the back half of the process that is also controlled by the baghouse (the three in-parallel fine grinding mills) are operated between 90 and 100% of their rated capacity.

Environmental Resources Management

2964 Wellington Circle North Suite 2b Tallahassee, FL 32308-6885 (850) 668-4552 (850) 668-6925 (fax)



Environmental Resources Management

Mr. George Richardson Global Tire Recycling Application May 27, 1998

Page 2

For the front half operations (the two cracker mills) the maximum input rate is 8.0 tons/hour to the primary cracker mill. For the back half operations (the three in-parallel line granding mills) the maximum input rate is 3.0 tons/hour to the three fine grind mills as a unit. A compliance test submitted at an operating rate less that 90% of the permitted maximum rate for either the front half or the back half of the process will automatically constitute an amended permit at the lesser rate plus 10% for that part of the process, until another test, showing compliance at a higher rate is submitted. Any time the permitted rate of either the front or back half of the process is exceeded by more than 10%, a compliance test shall he performed within 30 days of initiation of the higher rate and the test results submitted to the Department within 45 days of testing. Acceptance of the test by the Department will constitute an amended permit at the higher rate plus 10%. Failure to submit the loading rate and actual operating conditions in the test report may invalidate the test data [Rule 62-297.310(8), F.A.C.]"

SC #11. "[Keep the first sentence and delete the second sentence of draft SC #11. Then add the following:] The specific reasonable precautions to be taken at this facility are: (1) the enclosure of the process as described in the application, (2) equipping each air separation screen with a hood connected to a suction (aspiration) tube, and (3) connecting all suction tubes to a haghouse which filters the air separation screens' process air before it is discharged to the outside air."

Should you have any question on our suggestions, please call me in Tallahassee at 850 668-4552.

Sincerely.

Stephen Smallwood, P.

Air Quality Services Tallahassee Office

c: Michael F. Kelley, VP

Global Tire Recycling of Sunter County