

OCT 01 2012

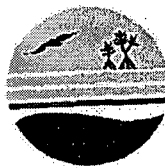
Southwest District

**Global Tire Recycling of Sumter County, Inc.**

**APPLICATION FOR  
AIR OPERATION PERMIT RENEWAL**

**Global Tire Recycling of Sumter County, Inc.  
1201 Industrial Drive  
Wildwood, Florida 34785  
Sumter County  
Current Permit No. 1190028-006-AO  
September, 2012**

Prepared by:



**SOUTHERN  
ENVIRONMENTAL  
SCIENCES, INC.**

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

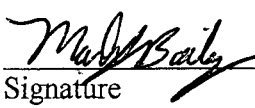
SES Project No. 12P283

Prepared for:

**Global Tire Recycling of Sumter  
County, Inc.  
1201 Industrial Drive  
Wildwood, Florida 34758**



**Owner/Authorized Representative**

1. Name and Title of Owner/Authorized Representative:  <p style="text-align: center;"><b>Mark J. Bailey, Vice President Plant Operations</b></p>	<b>OCT 01 2012</b>  Southwest District
2. Owner/Authorized Representative Mailing Address:  Organization/Firm: <b>Global Tire Recycling of Sumter County, Inc.</b> Street Address: <b>1201 Industrial Drive</b> City: <b>Wildwood</b> State: <b>FL</b> Zip Code: <b>34785</b> E-mail: <u>Markatgtr@aol.com</u> E-mail: <b>NOTE: Please address all email on behalf of Mark Bailey to Patricia Johns, Accounting Manager at Global Tire Recycling: patatgtr@aol.com</b>	
3. Owner/Authorized Representative Telephone Numbers: Telephone: <b>(352) 330-2213</b> Fax: <b>(352) 330-2214</b> Mobile Phone: ( )	
4. Owner/Authorized Representative Statement:  <p><i>I, the undersigned, am the owner or authorized representative* of the facility addressed in this Application for Air Permit. 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. Further, I agree to operate and maintain the air pollutant emissions units and air pollution control equipment described in this application 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. 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 any permitted emissions unit.</i></p>	
<p style="text-align: center;"></p> <hr style="border: 0; border-top: 1px solid black; margin: 0;"/> Signature	<p style="text-align: center;"><u>9/26/12</u></p> <hr style="border: 0; border-top: 1px solid black; margin: 0;"/> Date
2012 AO Renewal	

\* Attach letter of authorization if not currently on file.

**Scope of Application**

<b>Emissions Unit ID</b>	<b>Description of Emissions Unit</b>	<b>Permit Type</b>	<b>Processing Fee</b>
001	Crumb Rubber Milling	AO2B	\$1,000

**Application Processing Fee**

Check one:  Attached - Amount: \$1,000.00     Not Applicable

**Application Comment**

This application is for the 5-year renewal of Permit No. 1190028-006-AO which expires 11/30/2012 for this crumb rubber manufacturing facility.

## Facility Information

Facility Information

## II. FACILITY INFORMATION

### Facility Contact

1. Name and Title of Facility Contact: <b>Mark J. Bailey, Vice President Plant Operations</b>
2. Facility Contact Mailing Address: Organization/Firm: <b>Global Tire Recycling of Sumter County, Inc.</b> Street Address: <b>1201 Industrial Drive</b> City: <b>Wildwood</b> State: <b>FL</b> Zip Code: <b>34785</b> E-mail: <b>Markatqtr@aol.com</b> E-mail: <b>NOTE: Please address all email on behalf of Mark Bailey to Patricia Johns, Accounting Manager at Global Tire Recycling: patatqtr@aol.com</b>
3. Facility Contact Telephone Numbers: Telephone: <b>(352) 330-2213</b> Fax: <b>(352) 330-2214</b> Mobile Phone: ( )

### Facility Supplemental Requirements

1. Area Map Showing Facility Location: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested
2. Facility Plot Plan: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested
3. Process Flow Diagram(s): <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested

### Facility Comment

<p><b>NOTE: No changes for Items #1, 2, 3, and 4, above.</b></p> <p><b>Document ID: A – Records (July and August, 2012 per SC No. 20.C. of Permit No. 1190028-006-AO.)</b></p> <p><b>Document ID: B – VE Compliance Test Report – EU 001 (Baghouse)</b></p>
---

**Emission Unit No. 001  
Crumb Rubber Milling**

**Emission Unit No. 001: Crumb Rubber Milling**

**III. EMISSIONS UNIT INFORMATION**

A separate Emissions Unit Information Section must be completed for each emissions unit addressed in this Application for Non-Title V Air Permit Renewal. If submitting the form in hard copy, indicate, in the space provided at the top of each page, the Emissions Unit ID of the emissions unit addressed on the page, as given in the unit's most current air operation permit.

**Emissions Unit Description and Status**

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters):  <b>Crumb Rubber Milling</b>	
2. Emissions Unit Status Code: <b>A</b>	3. Long-Term Reserve Shutdown Date: <b>N/A</b>
4. Control Equipment Method/Description (limit to 200 characters per device or method):  <b>Particulate matter emissions from the air aspirated screening processes are vented through a common baghouse before being discharged to the atmosphere.</b>	

**Emissions Unit Operating Capacity and Schedule**

1. Maximum Heat Input Rate:	mmBtu/hr
2. Maximum Incineration Rate:	lb/hr                      tons/day
2. Maximum Process or Throughput Rate:	
4. Maximum Production Rate:	<b>26,280 tons/12-months Fine Grind Milling Process</b>
5. Requested Maximum Operating Schedule:	
	hours/day                      days/week
	weeks/year                      unlimited hours/year



Emissions Unit ID 001

**Emissions Unit Supplemental Requirements**

1. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Compliance Test Report* <input checked="" type="checkbox"/> Attached, Document ID: B <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Previously submitted, Date: <b>02/27/2012 (VE Tested on 02/24/2012)</b>
3. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Other Information Required by Rule or Statute <input checked="" type="checkbox"/> Attached, Document ID: A <input type="checkbox"/> Not Applicable

**Emissions Unit Comment**

<p>Document ID: A – Records (July and August, 2012 per SC No. 20.C. of Permit No. 1190028-006-AO.)</p> <p>Document ID: B – VE Compliance Test Report – EU 001 (Baghouse)</p> <p><b>Note: Because of the enclosure of the process and the nature of the raw material and the product, there are no significant fugitive emissions associated with this process.</b></p>
--

**Document ID: A**

*Records: July and August 2012*

**Global Tire Recycling**  
**Air Quality Production Records**

Facility ID 1190028      Emission Unit ID 001

Month	Production Lbs	Production Tons	12-Month Total Tons
Aug	1,385,210	692.6	<b>8,254.9</b>
Sep	886,200	443.1	<b>7,889.1</b>
Oct	1,214,500	607.3	<b>7,869.9</b>
Nov	1,696,800	848.4	<b>7,950.2</b>
Dec	1,093,500	546.8	<b>7,959.7</b>
	<b>15,919,480</b>		

**2012**

Jan	1,654,050	827.0	<b>8,167.3</b>
Feb	1,399,500	699.8	<b>8,271.9</b>
Mar	1,732,270	866.1	<b>8,267.7</b>
Apr	1,606,340	803.2	<b>8,285.2</b>
May	1,632,390	816.2	<b>8,359.1</b>
Jun	1,067,750	533.9	<b>8,299.1</b>
Jul	1,398,550	699.3	<b>8,383.5</b>
Aug	1,170,920	585.5	<b>8,276.4</b>

**Document ID: B**

***VE Compliance Test Report – EU 001***

# Southern Environmental Sciences, Inc.

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

## VISIBLE EMISSIONS EVALUATION

COMPANY <b>Global Tire Recycling</b>	
UNIT <b>Crumb Rubber Manufacturing Facility</b>	
ADDRESS <b>1201 Industrial Dr. Wildwood, FL</b>	
PERMIT NO. <b>1A0028-006-A0</b>	COMPLIANCE YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
AIRS NO. <b>1190028</b>	EU NO. <b>001</b>
PROCESS RATE <b>Grizzly 8TPH Grinding Mills 3TPH</b>	PERMITTED RATE <b>Grizzly 8TPH Grinding Mills 3TPH</b>
PROCESS EQUIPMENT <b>Shredders + Grinding Mills</b>	
CONTROL EQUIPMENT <b>Baghouse</b>	
OPERATING MODE <b>Continuous</b>	AMBIENT TEMP (°F) START <b>70°</b> STOP <input checked="" type="checkbox"/>
HEIGHT ABOVE GROUND LEVEL START <b>~40'</b> STOP <input checked="" type="checkbox"/>	HEIGHT RELATIVE TO OBSERVER START <b>~40'</b> STOP <input checked="" type="checkbox"/>
DISTANCE FROM OBSERVER START <b>~200'</b> STOP <input checked="" type="checkbox"/>	DIRECTION FROM OBSERVER START <b>230°</b> STOP <input checked="" type="checkbox"/>
EMISSION COLOR <b>None</b>	PLUME TYPE CONTIN. <input type="checkbox"/> INTERMITTENT <input type="checkbox"/> <b>NA</b>
WATER DROPLETS PRESENT? <b>NO</b> YES <input type="checkbox"/>	IS WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/> <b>NA</b>
POINT IN PLUME AT WHICH OPACITY WAS DETERMINED START <b>Baghouse vent</b> STOP <input checked="" type="checkbox"/>	
DESCRIBE BACKGROUND START <b>sky/clouds</b> STOP <input checked="" type="checkbox"/>	
BACKGROUND COLOR START <b>grey</b> STOP <input checked="" type="checkbox"/>	SKY CONDITIONS START <b>cloudy</b> STOP <input checked="" type="checkbox"/>
WIND SPEED (MPH) START <b>7-10</b> STOP <input checked="" type="checkbox"/>	WIND DIRECTION START <b>SW</b> STOP <input checked="" type="checkbox"/>
AVERAGE OPACITY FOR HIGHEST PERIOD <b>0%</b>	RANGE OF OPACITY READINGS MIN. <b>0%</b> MAX. <b>0%</b>
<p>SOURCE LAYOUT SKETCH</p> <p style="text-align: right;">Draw North Arrow</p>	
COMMENTS	

OBSERVATION DATE		START TIME				STOP TIME			
2-24-12		0900				0930			
SEC	0	15	30	45	SEC	0	15	30	45
MIN	0	15	30	45	MIN	0	15	30	45
0	0	0	0	0	30				
1	0	0	0	0	31				
2	0	0	0	0	32				
3	0	0	0	0	33				
4	0	0	0	0	34				
5	0	0	0	0	35				
6	0	0	0	0	36				
7	0	0	0	0	37				
8	0	0	0	0	38				
9	0	0	0	0	39				
10	0	0	0	0	40				
11	0	0	0	0	41				
12	0	0	0	0	42				
13	0	0	0	0	43				
14	0	0	0	0	44				
15	0	0	0	0	45				
16	0	0	0	0	46				
17	0	0	0	0	47				
18	0	0	0	0	48				
19	0	0	0	0	49				
20	0	0	0	0	50				
21	0	0	0	0	51				
22	0	0	0	0	52				
23	0	0	0	0	53				
24	0	0	0	0	54				
25	0	0	0	0	55				
26	0	0	0	0	56				
27	0	0	0	0	57				
28	0	0	0	0	58				
29	0	0	0	0	59				

**AEROMET ENGINEERING INC. CERTIFIES THAT:**

**Todd Clark**

has qualified as a CERTIFIED VISIBLE  
EMISSIONS READER  
per Title 40 Part 60 Appendix A USEPA Method 9

Issued: 1/31/12

Expires: 7/31/12

Questions? Call 573.636.6393

I certify that all data provided to the person conducting the test was true and correct to the best of my knowledge:

Signature: *Jodi Jones*

Title: *Admin Assist*