



Catherine B. Templeton, Director

*Promoting and protecting the health of the public and the environment*

August 5, 2013

Scott Reeves  
F&R Asphalt Inc.  
P.O. Box 528  
Easley, SC 29641

RE: Notice of Permit Coverage  
F & R Asphalt, Inc. - Gray Court  
Permit Number: 9900-0421

Dear Mr. Reeves:

The Department has renewed the Bureau of Air Quality's General Conditional Major Operating Permit for Asphalt Plants ("General Permit"). The renewed permit was issued on July 15, 2013 and will be valid through June 30, 2018. This permit supersedes any previous construction and/or operating permit issued to your facility. Your facility's coverage under the terms and conditions of this permit begins on August 5, 2013.

A copy of the General Permit and your facility's attachment(s) are enclosed with this letter. It is your responsibility to comply with all the requirements of this General Permit. The Department may conduct periodic inspections of your facility to determine compliance with the requirements of the General Permit. Any violations found during these inspections may result in an enforcement action. Therefore, it is incumbent upon you to ensure you are in compliance with the General Permit at all times. It is important for you to read this issued permit carefully and to understand all requirements. If any errors or emissions are found, immediately notify Kirk Schneider of my staff, via e-mail at Schneikg@dhec.sc.gov, or call (803) 898-4023.

If your facility no longer requires this permit, please submit DHEC Form D-2374 ("Permit Cancellation / Temporary Closure") to cancel your coverage under the General Permit. If coverage is not cancelled, you are responsible for all annual General Permit fees.

In the event, you disagree with the decision to approve the General Permit, or the terms and conditions of the General Permit, the enclosed "Guide to Board Review" explains the process for contesting the Department's decision.

Sincerely,

Elizabeth J. Basil  
Director, Engineering Services Division  
Bureau of Air Quality

EJB:kgs:kal  
Enclosure

cc: Permit File: 9900-0421  
ec: Mark Harvely, BEHS

**ATTACHMENT A**

**FACILITY INFORMATION  
F & R Asphalt, Inc. - Gray Court  
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**A - APPLICABLE PERMIT DATES**

COVERAGE DATE: August 5, 2013

**B - FACILITY PHYSICAL ADDRESS**

FACILITY STREET ADDRESS: 1900 Quarry Road  
CITY, STATE, ZIP FACILITY IS LOCATED IN: Gray Court, SC 29645  
COUNTY FACILITY IS LOCATED IN: Laurens

<b>C - FACILITY EQUIPMENT</b>			
<b>Equipment ID</b>	<b>Equipment Description</b>	<b>Installation Date/Modification Date</b>	<b>Control Device ID</b>
AP	250 tph Drum Mix Asphalt Plant (40CFR60 Subpart I Applicable)	2003	BH
DB	72E+06 Btu/hr Asphalt Plant Dryer Burner Natural Gas, No.2 Fuel Oil (Maximum Sulfur Content 0.5%), No.4 Recycled Oil (Maximum Sulfur Content 1.5%) as Burner Fuels	2003	BH
LS	Lime Silo	2003	BV

<b>D - FACILITY CONTROL DEVICES</b>			
<b>Control Device ID</b>	<b>Control Device Description</b>	<b>Installation Date/Modification Date</b>	<b>Pollutant(s) Controlled</b>
BH	Pulse Jet Baghouse	2003	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
BV	Bin Vent Baghouse	2003	PM, PM <sub>10</sub> , PM <sub>2.5</sub>

<b>E - FACILITY EXEMPT EQUIPMENT</b>			
<b>Equipment ID</b>	<b>Source Description</b>	<b>Installation Date</b>	<b>Basis</b>
HOH	828,000 Btu/hr Hot Oil No.2 Fuel Oil (Maximum Sulfur Content 0.5%) as fuel	2003	SC Regulation 61-62.1, Section II(B)(2)(h)
LAT	30,000 gallon Liquid Asphalt Tank	2003	SC Regulation 61-62.1, Section II(B)(2)(h)
FOT	10,000 gallon No.2 Fuel Oil Tank	2003	Air Permitting Exemption List



**ATTACHMENT B**

**MODELED EMISSION RATES  
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The emission rates listed herein are not considered federally enforceable limitations but are used to evaluate ambient air quality impact. Until the Department makes a determination that a facility is causing or contributing to an exceedance of a state or federal ambient air quality standard, increases to these emission rates are not in themselves considered violations of these ambient air quality standards.

<b>STANDARD NO.2 - MODELED AAQS EMISSION RATES (lb/hr)</b>							
<b>STACK ID</b>	<b>PM<sub>10</sub></b>	<b>PM<sub>2.5</sub></b>	<b>SO<sub>2</sub></b>	<b>NO<sub>x</sub></b>	<b>CO</b>	<b>Lead</b>	<b>HF</b>
EP01	5.74	0.725	14.49	13.75	32.500	---	---

<b>STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)</b>				
<b>STACK ID</b>	<b>Acrolein 107028</b>	<b>Benzene 71432</b>	<b>Formaldehyde 50000</b>	<b>Mercury 7440976</b>
EP01	0.0065	0.097	0.775	0.00065
EP02A	---	0.0004	0.01051	---
EP02B	---	0.0002	0.0004	---
EP03A	---	0.000487	0.01051	---
EP03B	---	0.00027	0.000457	---

<b>STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)</b>				
<b>STACK ID</b>	<b>Nickel 7440020</b>	<b>POM varies</b>	<b>Propionaldehyde 123386</b>	<b>Quinone 106514</b>
EP01	0.01575	0.2212	0.0325	0.04
EP02A	---	0.0036	---	---
EP02B	---	0.0002	---	---
EP03A	---	0.00036	---	---
EP03B	---	0.0025	---	---

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**MODELED EMISSION RATES  
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<b>STANDARD NO. 8 - TOXIC AIR POLLUTANTS LEVEL I DE MINIMIS ANALYSIS</b>				
<b>POLLUTANT</b>	<b>CAS NUMBER</b>	<b>EMISSION RATE (LBS/DAY)</b>	<b>DE MINIMIS (LBS/DAY)</b>	<b>PASS (Y or N)</b>
Acetaldehyde	75-07-0	7.8	21.6	Y
Arsenic	7440-38-2	0.007	0.012	Y
Cadmium	7440-43-9	0.0002	0.003	Y
Cobalt	-	0.00016	0.003	Y
Ethylbenzene	100-41-4	1.44	52.200	Y
Hexane	110-54-3	5.52	10.800	Y
HCL	7647-01-0	1.26	2.1	Y
MEK	78-93-3	0.12	177.00	Y
Methyl Chloroform	71-55-6	0.288	14.600	Y
Naphthalene	91-20-3	3.88	15.00	Y
Selenium	-	0.0021	0.012	Y
Toluene	108-88-3	17.4	24.0	Y
Xylene	1330-20-7	1.2	52.50	Y