



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

August 5, 2013

Scott Reeves
F&R Asphalt Inc.
PO Box 528
Easley SC 29641

RE: Notice of Permit Coverage
F & R Asphalt, Inc. – Pendleton Plant
Permit Number: 9900-0107

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: 9900-0107
ec: Tyler Smith, BEHS

ATTACHMENT A

**FACILITY INFORMATION
F & R Asphalt, Inc. – Pendleton Plant
GCM-9900-0107
Page 1 of 2**

A - APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 107 Asphalt Lane
CITY, STATE, ZIP FACILITY IS LOCATED IN: Pendleton, SC 29670
COUNTY FACILITY IS LOCATED IN: Anderson

C - FACILITY EQUIPMENT			
Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID
AP	300 tph Drum Mix Asphalt Plant (40CFR60 Subpart I Applicable)	1994	BH
DB	75E+06 Btu/hr Asphalt Plant Dryer Burner No.2 Fuel Oil (Maximum Sulfur Content 0.5%) and Recycled No.4 Fuel Oil (Maximum Sulfur Content 1.5%) as Burner Fuels	1994	BH
HOH	2.0E+06 Btu/hr Hot Oil Heater No.2 Fuel Oil (Maximum Sulfur Content 0.5%) as Fuel	1994	None
LS	Lime Silo	1992	BV

D - FACILITY CONTROL DEVICES			
Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
BH	Pulse Jet Baghouse	1994	PM, PM ₁₀ , PM _{2.5}
BV	Bin Vent Baghouse	1992	PM, PM ₁₀ , PM _{2.5}

E - FACILITY EXEMPT EQUIPMENT			
Equipment ID	Source Description	Installation Date	Basis
FOT-1	12,000 gallon No.2 Fuel Oil Storage Tank	2006	Air Permitting Exemption List
LAT	25,000 gallon Liquid Asphalt Storage Tank	2006	SC Regulation 61-62.1, Section II(B)(2)(h)
RAPS	50 tph Recycled Asphalt Pavement System	2006	SC Regulation 61-62.1, Section II(B)(2)(h)

ATTACHMENT B

MODELED EMISSION RATES F & R Asphalt, Inc. – Pendleton Plant GCM-9900-0107 Page 1 of 3

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.

STANDARD NO. 2 - MODELED AAQS EMISSION RATES (lb/hr)							
STACK ID	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	Lead	HF
EP01 - Asphalt Dryer Exhaust (Production)	13.46	--	17.4	16.5	39.0	--	--
Asphalt (Hot Oil) Heater Exhaust	--	--	1.0143	--	--	--	--

STANDARD NO. 8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)				
STACK ID	Acrolein	Benzene	Formaldehyde	Mercury
	107-02-8	71-43-2	50-00-0	N/A
EP01	0.0078	0.117	0.93	0.00078
EP02A	--	0.00058495	0.012613	--
EP02B	--	0.0003244	0.000549	--
EP03A	--	0.00058495	0.012613	--
EP03B	--	0.0003244	0.000549	--

STANDARD NO. 8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)				
STACK ID	Nickel	Polycyclic Organic Matter	Propionaldehyde	Quinone
	N/A	N/A	N/A	N/A
EP01	0.0189	0.26544	0.039	0.048
EP02A	--	0.0043451	--	--
EP02B	--	0.003035	--	--
EP03A	--	0.0043451	--	--
EP03B	--	0.003035	--	--

ATTACHMENT B**MODELED EMISSION RATES
F & R Asphalt, Inc. – Pendleton Plant
GCM-9900-0107
Page 2 of 3**

STANDARD NO. 8 – TOXIC AIR POLLUTANTS LEVEL I DE MINIMIS ANALYSIS				
POLLUTANT	CAS NUMBER	EMISSION RATE (lb/day)	DE MINIMIS (lb/day)	PASS (Y or N)
2,2,4-Trimethylpentane	540-84-1	0.289	105.000	Y
Acetaldehyde	75-07-0	9.360	21.600	Y
Arsenic	7440-38-2	0.004	0.012	Y
Cadmium	7440-43-9	0.003	0.003	Y
Carbon Disulfide	75-15-0	0.018	1.800	Y
Chromium(+6) Compounds	+	0.003	0.030	Y
Cobalt Compounds	+	0.000	0.003	Y
Cumene	98-82-8	0.033	0.108	Y
Ethyl Benzene	100-41-4	1.845	52.200	Y
Ethyl Chloride	75-00-3	0.004	316.800	Y
Hexane	110-54-3	6.757	10.800	Y
Hydrochloric Acid	7647-01-0	1.512	2.100	Y
Manganese Compounds	+	0.055	0.300	Y
Methyl Bromide	74-83-9	0.007	1.200	Y
Methyl Chloride	74-87-3	0.025	6.180	Y
Methyl Chloroform (1,1,1-Trichloroethane)	71-55-6	0.346	114.600	Y
Methyl Ethyl Ketone (2-Butone)	78-93-3	0.193	177.000	Y
Methylene Chloride	75-09-2	0.000	105.000	Y
Naphthalene	91-20-3	4.744	15.000	Y
o-Xylene	95-47-6	0.074	52.200	Y
Phenol	108-95-2	0.029	2.280	Y
Selenium Compounds	+	0.003	0.012	Y
Styrene	100-42-5	0.007	63.900	Y

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F & R Asphalt, Inc. – Pendleton Plant
GCM-9900-0107
Page 3 of 3**

STANDARD NO. 8 – TOXIC AIR POLLUTANTS LEVEL I DE MINIMIS ANALYSIS				
POLLUTANT	CAS NUMBER	EMISSION RATE (lb/day)	DE MINIMIS (lb/day)	PASS (Y or N)
Tetrachlorinated Dibenzo-p-dioxins	1746-01-6	0.000	0.000	Y
Tetrachloroethylene	127-18-4	0.002	40.200	Y
Toluene	108-88-3	20.997	24.000	Y
Xylene	1330-20-7	1.738	52.200	Y