



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

August 5, 2013

Mr. Gene Sartain
Satterfield Construction Company, Inc.
P.O. Box 279
Greenwood SC 29648

RE: Notice of Permit Coverage
Satterfield Construction Company, Inc. - Newberry Plant
Permit Number: 9900-0066

Dear Mr. Sartain:

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: 9900-0066
ec: Ben Buchanan, BEHS

ATTACHMENT A

FACILITY INFORMATION
Satterfield Construction Company, Inc. - Newberry Plant
GCM-9900-0066
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A - APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: County Park Road
 CITY, STATE, ZIP FACILITY IS LOCATED IN: Newberry SC
 COUNTY FACILITY IS LOCATED IN: Newberry

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)	2002	BH
DB	110E+06 Btu/hr Dryer Burner Natural Gas and No.2 Fuel Oil (Maximum Sulfur Content 0.5%) as Burner Fuels	2002	BH
LS	Lime Silo	2002	BH

D - FACILITY CONTROL DEVICES			
Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
BH	Pulse Jet Baghouse	2002	PM, PM ₁₀ , PM _{2.5}

E - FACILITY EXEMPT EQUIPMENT			
Equipment ID	Source Description	Installation Date	Basis
FOT	12,000 gallon No.2 Fuel Oil Storage Tank	2003	Air Permitting Exemption List
LA	20,000 gallon Liquid Asphalt Storage Tank	2003	SC Regulation 61-62.1, Section II(B)(2)(h)
HOH	1.2E+06 Btu/hr Hot Oil Heater Natural Gas and No.2 Fuel Oil (Maximum Sulfur Content 0.5%) as Fuels	2002	SC Regulation 61-62.1, Section II(B)(2)(h)

ATTACHMENT B

MODELED EMISSION RATES Satterfield Construction Company, Inc. - Newberry Plant GCM-9900-0066 Page 1 of 2

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.

AMBIENT AIR QUALITY STANDARDS - STANDARD NO.2							
Emission Point ID	PM ₁₀ (lb/hr)	PM _{2.5} (lb/hr)	SO ₂ (lb/hr)	NO _x (lb/hr)	CO (lb/hr)	Lead (lb/hr)	HF (lb/hr)
EP01	6.90	0.87	3.30	16.50	39.0	Exempt	--

TOXIC AIR POLLUTANTS MODELED - STANDARD NO.8					
Emission Point ID	Benzene 71-43-2 (lb/hr)	Formaldehyde 50-00-0 (lb/hr)	Mercury 743-997-6 (lb/hr)	Nickel 7440-02-0 (lb/hr)	Polycyclic Organic Matter
EP01	0.117	0.93	7.80E-4	0.0189	0.26544
EP04A	5.85E-04	1.26E-02	--	--	4.35E-03
EP04B	3.24E-04	1.26E-02	--	--	3.04E-03
EP05A	5.85E-04	1.26E-02	--	--	4.35E-03
EP05B	3.24E-04	5.49E-04	--	--	3.04E-03

TOXIC AIR POLLUTANTS - STANDARD NO. 8 FACILITY-WIDE LEVEL I DE MINIMIS ANALYSIS			
Pollutant Controlled	CAS #	Emission Rate (lb/day)	De Minimis (lb/day)
Arsenic	7440-38-2	0.003	0.012
Benzene	71-43-2	2.376	1.800
Cadmium	7440-43-9	0.002	0.003
Carbon Disulfide	75-15-0	0.015	1.800
Chromium (+6) Compounds	+	0.003	0.030
Cobalt	7440-48-4	0.000	0.003
Cumene	98-82-8	0.027	0.108
Ethyl Chloride	75-00-3	0.003	316.800
Ethylbenzene	100-41-4	1.538	52.200

ATTACHMENT B**MODELED EMISSION RATES
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TOXIC AIR POLLUTANTS - STANDARD NO. 8 FACILITY-WIDE LEVEL I DE MINIMIS ANALYSIS			
Pollutant Controlled	CAS #	Emission Rate (lb/day)	De Minimis (lb/day)
Formaldehyde	50-00-0	19.126	0.180
Hexane	110-54-3	5.631	10.800
Manganese Compounds	+	0.046	0.300
Methyl Ethyl Ketone	78-93-3	0.041	177.000
Mercury	7439-97-6	0.016	0.003
Methyl Bromide	74-83-9	0.006	1.200
Methyl Chloride	74-87-3	0.021	6.180
Methyl chloroform	71-55-6	0.288	114.600
Methylene Chloride	75-09-2	0.000	105.000
Naphthalene	91-20-3	3.953	15.000
Nickel	7440-02-0	0.378	0.006
Phenol	108-95-2	0.024	2.280
Polycyclic Organic Matter	+	5.604	1.920
Selenium Compounds	+	0.002	0.012
Styrene	100-42-5	0.006	63.900
2,3,7,8-Tetrachlorinated Dibenzo-p-dioxins	1746-01-6	0.000	0.000
Tetrachloroethylene	127-18-4	0.002	40.200
2,2,4-Trimethylpentane	540-84-1	0.241	105.000
Toluene	108-88-3	17.498	24.000
Xylene	1330-20-7	1.449	52.200
o-Xylene	95-47-6	0.062	52.200