



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. - Stoney Point Plant
Permit Number: 9900-0351

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: 9900-0351
ec: Mark Harvley, BEHS

ATTACHMENT A

FACILITY INFORMATION Satterfield Construction Co., Inc. - Stoney Point Plant GCM-9900-0351 Page 1 of 2

A - APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 1903 Hwy 246
CITY, STATE, ZIP FACILITY IS LOCATED IN: Greenwood, SC 29649
COUNTY FACILITY IS LOCATED IN: Greenwood

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)	1999	BH
DB	96.8E+06 Btu/hr Asphalt Plant Dryer Burner No.4 Recycled Fuel Oil (Maximum Sulfur Content 1.5%), No.2 Fuel Oil (Maximum Sulfur Content 0.5%) and Natural Gas as Burner Fuels	1999	BH
LS	Lime Silo	1999	BV

D - FACILITY CONTROL DEVICES			
Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
BH	Pulse Jet Baghouse	1999	PM, PM ₁₀ , PM _{2.5}
BV	Bin Vent Baghouse	1999	PM, PM ₁₀ , PM _{2.5}

E - FACILITY EXEMPT EQUIPMENT			
Equipment ID	Source Description	Installation Date	Basis
HOH	1.4E+06 Btu/hr Hot Oil Heater No.2 Fuel Oil (Maximum Sulfur Content 0.5%) as fuel	1999	SC Regulation 61-62.1, Section II(B)(2)(h)
LAT	30,000 gallon Liquid Asphalt Tank	1999	SC Regulation 61-62.1, Section II(B)(2)(h)
FOT-1	15,000 gallon No.2 or No. 4 Fuel Oil Tank No.1	N/A	Air Permitting Exemption List
FOT-2	8,000 gallon No 2 or No.4 Fuel Oil Tank No.2	N/A	Air Permitting Exemption List

ATTACHMENT B

**MODELED EMISSION RATES
Satterfield Construction Co., Inc. - Stoney Point Plant
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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.

STANDARD NO.2 - MODELED AAQS EMISSION RATES (lb/hr)							
STACK ID	PM₁₀	PM_{2.5}	SO₂	NO_x	CO	Lead	HF
EP01-baghouse aggregate	8.563	1.535	18.110	16.700	39.00	0.045	--
Lime Silo Vent Filter Exhaust (C)	--	--		--	0.7875	--	--

STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)				
STACK ID	Benzene	Formaldehyde	Mercury	Nickel
	71432	50000	7440976	7440020
EP01	0.117	0.930	0.0008	0.0189
EP02A (Asphalt Silo #1 Filling)	0.0002	0.0050	---	---
EP02B (Asphalt Silo #1 Loadout)	0.0001	0.0002	---	---
EP03 (Asphalt Silo #1 Filling)	0.0002	0.0005	---	---
EP03B (Asphalt Silo #1 Loadout)	0.0001	0.0002	---	---
EP04A (Asphalt Silo #1 Filling)	0.0002	0.0050	---	---
EP04B (Asphalt Silo #1 Loadout)	0.0001	0.0002	---	---
EP05A (Asphalt Silo #1 Filling)	0.0002	0.0050	---	---
EP05B (Asphalt Silo #1 Loadout)	0.0001	0.0002	---	---
EP06A (Asphalt Silo #1 Filling)	0.0002	0.005	---	---
EP06B (Asphalt Silo #1 Loadout)	0.0001	0.0002	---	---

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STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)			
STACK ID	POM	Quinone	Propionaldehyde
	-	106514	123386
EP01	0.26544	0.048	0.039
EP02A (Asphalt Silo #1 Filling)	0.001738	---	---
EP02B (Asphalt Silo #1 Loadout)	0.001214	---	---
EP03A (Asphalt Silo #1 Filling)	0.00173804	---	---
EP03B (Asphalt Silo #1 Loadout)	0.001214	---	---
EP04A (Asphalt Silo #1 Filling)	0.00173804	---	---
EP04B (Asphalt Silo #1 Loadout)	0.001214	---	---
EP05A (Asphalt Silo #1 Filling)	0.00173804	---	---
EP05B (Asphalt Silo #1 Loadout)	0.001214	---	---
EP06A (Asphalt Silo #1 Filling)	0.00173804	---	---
EP06B (Asphalt Silo #1 Loadout)	0.001214	---	---

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)
Acetaldehyde	75-07-0	7.8000E-03	21.60	Y
Acrolein	107-02-8	1.1006E-03	0.015	Y
Arsenic	744-038-2	1.6800E-04	0.012	Y
Cadmium	744-043-9	1.2300E-04	0.003	Y
Carbon Disulfide	75-15-0	7.4716E-04	1.800	Y
Chromium	744-047-3	1.6500E-03	0.030	Y
Cobalt	744-048-4	7.8000E-06	+	Y
Cumene	98-82-8	1.3725E-03	0.108	Y

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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)
Ethyl Chloride	75-00-3	1.4886E-04	316.800	Y
Ethylbenzene	100-41-4	0.0769	52.200	Y
Hexane	110-54-3	0.2815	10.800	Y
Hydrochloric Acid	7467-01-0	6.3000E-02	2.100	Y
Manganese	743-996-5	2.3100E-03	0.300	Y
MEK	78-93-3	8.0372E-03	177.0	Y
Methyl Bromide	743-997-6	2.9892E-04	1.200	Y
Methyl Chloride	74-83-9	1.0280E-03	6.10	Y
Methyl chloroform	71-55-6	0.0144	14.6	Y
Methylene Chloride	75-09-2	9.8712E-06	105.00	Y
Naphthalene	91-20-3	0.1977	15.000	Y
o-Xylene	95-47-6	3.0821E-03	52.200	Y
Phenol	108-95-2	1.2069E-03	2.280	Y
Selenium	778-249-2	2.0107E-04	0.012	Y
Styrene	100-42-5	2.8851E-04	63.900	Y
Tetrachloroethene	127-18-4	9.6072E-05	0.420	Y
Toluene	108-88-3	0.8749	24.00	Y
Xylene	1330-20-7	0.0724	52.200	Y