

# ATTACHMENT - FACILITY INFORMATION

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

### APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

### FACILITY PHYSICAL ADDRESS

STREET ADDRESS: 1903 Hwy 246  
CITY, STATE, ZIP: Greenwood, SC 29649  
COUNTY: Greenwood

### ASPHALT PLANT INFORMATION

40 CFR 60, SUBPART I APPLICABLE

Equipment ID	Equipment Description	Installation / Modification Date	Control Device ID
AP	300 TPH Drum Mix Asphalt Plant	1999	BH
DB	96.8 million BTU/hr Dryer Burner	1999	BH
LS	Lime Silo	1999	BH
HOH	1.4 million BTU/hr Hot Oil Heater	1999	None

### FUEL FIRED SOURCES

Equipment ID	Equipment Description	Fuels	Maximum Sulfur Content (%)
DB	96.8 million BTU/hr Dryer Burner	No. 2 Fuel Oil	0.5
		No. 4 Recycled Fuel Oil	1.5
HOH	1.4 million BTU/hr Hot Oil Heater	No. 2 Fuel Oil	0.5

### CONTROL DEVICES

Control Device ID	Control Device Description	Installation / Modification Date	Pollutants Controlled
BH	Pulse Jet Baghouse	1999	PM, PM <sub>10</sub> , PM <sub>2.5</sub>

### TANKS

Tank ID	Tank Description	Capacity (Gallons)	Installation Date
FOT-1	No. 2 or No. 4 Fuel Oil Tank No. 1	15,000	N/A
FOT-2	No. 2 or No. 4 Fuel Oil Tank No. 2	8,000	N/A
LAT	Liquid Asphalt Tank	30,000	1999

### OTHER EQUIPMENT - RESERVED

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**FACILITY SPECIFIC CONDITIONS**

The facility must comply with the General Conditional Major Operating Permit for Asphalt Plants and any additional conditions listed in this section.

Condition Number	Equipment ID	Conditions
1.	AP	<p>This facility is allowed to use non-asbestos containing, recycled asphalt shingles as aggregate. Use of asphalt shingles that are not "tear-off" shingles will not require asbestos testing.</p> <p>This facility is not allowed to accept and process materials containing asbestos of any type, either alone or mixed with other materials, in an amount greater than one percent as determined by using the method specified in 40 CFR 763 Appendix A, Subpart F, Section 1, as amended, or an accepted equivalent.</p> <p>If "tear-off" shingles are used, the facility shall follow the requirements as outlined in the August 11, 2011 memorandum "Tear-Off Asphalt Roofing Shingle Usage, Permitting/Asbestos Testing Protocol." Additionally, records shall be kept in accordance with the requirements outlined in the above protocol memorandum. Test results shall be submitted annually to the BAQ Asbestos Section.</p> <p align="center"><b>SCDHEC – BAQ Asbestos Section 2600 Bull Street Columbia, SC 29201</b></p>

<b>RECORD OF REVISIONS</b>	
Revision Date	Description of Change
03-13-2015	Update facility specific attachments
04-18-2016	Update typographical error: Control Device ID BV changed to BH for Lime Silo. Bin Vent (previously listed as ID BV) was removed from service many years ago. There is only one control device at facility, baghouse BH. The Lime Silo is controlled by BH, not BV. Removed all information for bin vent from attachment.

## ATTACHMENT - EMISSION RATES FOR AMBIENT AIR STANDARDS

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The emission rates listed herein are not considered 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 (see Ambient Air Standards Requirements).

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2							
Emission Point ID	Emission Rates (lbs/hr)						
	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</sub>	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	--	--

TOXIC AIR POLLUTANTS - STANDARD NO. 8				
Emission Point ID	Emission Rates (lbs/hr)			
	Benzene 71432	Formaldehyde 50000	Mercury 7440976	Nickel 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	---	---

TOXIC AIR POLLUTANTS - STANDARD NO. 8			
Emission Point ID	Emission Rates (lbs/hr)		
	POM	Quinone 106514	Propionaldehyde 123386
EP01	0.26544	0.048	0.039
EP02A (Asphalt Silo #1 Filling)	0.001738	---	---
EP02B (Asphalt Silo #1 Loadout)	0.001214	---	---

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<b>TOXIC AIR POLLUTANTS - STANDARD NO. 8</b>			
<b>Emission Point ID</b>	<b>Emission Rates (lbs/hr)</b>		
	<b>POM</b>	<b>Quinone 106514</b>	<b>Propionaldehyde 123386</b>
EP03 (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	---	---

<b>TOXIC AIR POLLUTANTS - STANDARD NO. 8</b>		
<b>Pollutant</b>	<b>CAS #</b>	<b>Facility Wide Emission Rates (lbs/day)</b>
Acetaldehyde	75-07-0	7.8000E-03
Acrolein	107-02-8	1.1006E-03
Arsenic	744-038-2	1.6800E-04
Cadmium	744-043-9	1.2300E-04
Carbon Disulfide	75-15-0	7.4716E-04
Chromium	744-047-3	1.6500E-03
Cobalt	744-048-4	7.8000E-06
Cumene	98-82-8	1.3725E-03
Ethyl Chloride	75-00-3	1.4886E-04
Ethylbenzene	100-41-4	0.0769
Hexane	110-54-3	0.2815
Hydrochloric Acid	7467-01-0	6.3000E-02
Manganese	743-996-5	2.3100E-03
MEK	78-93-3	8.0372E-03
Methyl Bromide	743-997-6	2.9892E-04
Methyl Chloride	74-83-9	1.0280E-03
Methyl chloroform	71-55-6	0.0144
Methylene Chloride	75-09-2	9.8712E-06
Naphthalene	91-20-3	0.1977
o-Xylene	95-47-6	3.0821E-03
Phenol	108-95-2	1.2069E-03
Selenium	778-249-2	2.0107E-04
Styrene	100-42-5	2.8851E-04
Tetrachloroethene	127-18-4	9.6072E-05

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<b>TOXIC AIR POLLUTANTS - STANDARD NO. 8</b>		
<b>Pollutant</b>	<b>CAS #</b>	<b>Facility Wide Emission Rates (lbs/day)</b>
Toluene	108-88-3	0.8749
Xylene	1330-20-7	0.0724