

## ATTACHMENT - FACILITY INFORMATION

### Boggs Materials, Inc. – Mullins Plant GCM-9900-0400 Page 1 of 2

#### APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

#### FACILITY PHYSICAL ADDRESS

STREET ADDRESS: 4807 South Hwy 41  
CITY, STATE, ZIP: Mullins, SC 29574  
COUNTY: Marion

#### 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	2002 (2005)	BH
DB	96 million BTU/hr Dryer Burner	N/A	BH
LS	Lime Silo	2002	BV
HOH	1.0 million BTU/hr Hot Oil Heater	2002	None

#### FUEL FIRED SOURCES

Equipment ID	Equipment Description	Fuels	Maximum Sulfur Content (%)
DB	96 million BTU/hr Dryer Burner	No. 2 Fuel Oil	0.5
		No. 4 Fuel Oil	1.5
		Recycled No. 2 Fuel Oil	0.5
		No. 4 Fuel Oil	1.5
		Natural Gas	N/A
	Biofuel	N/A	
HOH	1.0 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	2002	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
BV	Bin Vent Baghouse	2002	PM, PM <sub>10</sub> , PM <sub>2.5</sub>

#### TANKS

Tank ID	Tank Description	Capacity (Gallons)	Installation Date
AST	Anti-strip Tank	2,000	2005
FOT-1	No. 4 Fuel Oil Tank No. 1	6,500	N/A
FOT-2	No. 4 Fuel Oil Tank No. 2	6,000	N/A
FOT-3	No. 4 Fuel Oil Tank No. 3	6,000	N/A
FOT-1	No. 2 Fuel Oil Tank	8,000	N/A

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#### TANKS

Tank ID	Tank Description	Capacity (Gallons)	Installation Date
LAT	Liquid Asphalt Tank No. 1	20,000	2005

#### OTHER EQUIPMENT - RESERVED

#### 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 style="text-align: center;"><b>SCDHEC – BAQ Asbestos Section 2600 Bull Street Columbia, SC 29201</b></p>

RECORD OF REVISIONS	
Revision Date	Description of Change
03-13-2015	Update facility specific attachments

## 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
EP1 – Hot Mix Asphalt Drum Dryer/Mixer	8.92	1.16	23.00	22.00	51.6428	0.006	---
EP2 – Hot Mix Asphalt Storage/Surge Bin	0.180	---	---	---	--	---	---
EP3 – Hot Oil Heater	0.017	---	0.8086	0.1714	0.9834	---	---
EP4 – Lime Storage Silo	0.055	---	---	---	---	---	---
F1 – Hot Mix Asphalt Truck Loadout	0.160	0.549	---	---	0.40	---	---

TOXIC AIR POLLUTANTS - STANDARD NO. 8							
Emission Point ID	Emission Rates (lbs/hr)						
	Acrolein 107-02-8	Benzene 71-43-2	Formaldehyde 50-00-0	Mercury 7439-97-6	Nickel 7440-020-	Propionaldehyde 123-38-6	Quinone 106-51-4
Production	0.01	0.15776	1.2741	0.001	0.0252	0.052	0.064
EP1 – Hot Mix Asphalt Drum Dryer/Mixer	---	---	---	---	---	---	---
EP2 – Hot Mix Asphalt Storage/Surge Bin	---	---	---	---	---	---	---
EP3 – Hot Oil Heater	---	---	---	---	---	---	---
F1 – Hot Mix Asphalt Truck Loadout	---	6.4E-04	0.001	---	---	---	---

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Pollutant	CAS #	Facility Wide Emission Rates (lbs/day)
Acetaldehyde	75-07-0	12.480
Arsenic	7440382	0.005
Carbon Disulfide	75150	0.023
Chromium(+6) Compounds	>	0.003
Cobalt Compounds	>	0.000
Cumene	98-82-8	0.043
Ethyl Benzene	100414	2.460
Ethyl Chloride (Chloroethane)	75-00-3	0.004

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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>
Hexane	110543	9.00
Manganese Compounds	>	0.073
Methyl Bromide (Bromomethane)	74-83-9	0.009
Methyl Chloroform	71556	0.460
Methyl Ethyl Ketone(2-Butone)	78933	0.257
Methylene Chloride	75092	0.0003
Naphthalene	91203	6.330
Phenol	108952	0.039
Selenium Compounds	>	0.003
Tetrachlorinated Dibenzo-p-dioxins	1746-01-6	0.000
Tetrachloroethylene (Perchloroethylene)	127-18-4	0.002
Styrene	100425	0.007
Toluene	108883	20.997
2,2,4-Trimethylpentane	540-84-1	0.289
Chromium(+6) Compounds	>	0.003
Xylene	1330207	1.738
o-Xylene	95-47-6	2.320