



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

August 5, 2013

Tim Melton
Boggs Materials Inc.
P.O. Box 1609
Monroe, NC 28111-1609

RE: Notice of Permit Coverage
Boggs Materials Inc. - Mullins Plant
Permit Number: 9900-0400

Dear Mr. Melton:

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: 9900-0400
ec: Bryan Baxley, BEHS

ATTACHMENT A

FACILITY INFORMATION Boggs Materials, Inc. - Mullins Plant GCM-9900-0400 Page 1 of 2

A - APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

B - FACILITY PHYSICAL ADDRESS

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

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 (2005)	BH
DB	96E+06 Btu/hr Asphalt Plant Dryer Burner No.2 Fuel Oil, (Maximum Sulfur Content 0.5%), No.4 Fuel Oil (Maximum Sulfur Content 1.5%), Recycled No.2 Fuel Oil(Maximum Sulfur Content 0.5%), No.4 Fuel Oil (Maximum Sulfur Content 1.5%), Natural Gas and Biofuel as Burner Fuels	N/A	BH
LS	Lime Silo	2002	BV

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

E - FACILITY EXEMPT EQUIPMENT			
Equipment ID	Source Description	Installation Date	Basis
HOH	1.0E+06 Btu/hr Hot Oil Heater No.2 Fuel Oil (Maximum Sulfur Content 0.5%) as fuel	2002	SC Regulation 61-62.1, Section II(B)(2)(h)
LAT	20,000 gallon Liquid Asphalt Tank No.1	2005	SC Regulation 61-62.1, Section II(B)(2)(h)
FOT-1	6,500 gallon No.4 Fuel Oil Tank No.1	N/A	Air Permitting Exemption List
FOT-2	6,000 gallon No.4 Fuel Oil Tank No.2	N/A	Air Permitting Exemption List
FOT-3	6,000 gallon No.4 Fuel Oil Tank No.3	N/A	Air Permitting Exemption List
FOT-4	8,000 gallon No.2 Fuel Oil Tank	N/A	SC Regulation 61-62.1, Section II(B)(2)(h)
AST	2,000 gallon Anti-strip Tank	2005	SC Regulation 61-62.1, Section II(B)(2)(h)

ATTACHMENT B

**MODELED EMISSION RATES
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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
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	---	---

STANDARD NO. 7 - MODELED PSD CLASS II INCREMENT EMISSION RATES (lb/hr)					
STACK ID	Minor Source Baseline Date(s)				
	5/31/06		3/13/1980		5/31/06
	PM₁₀		SO₂		NO₂
	24-hr	Annual			
EP1 – Hot Mix Asphalt Drum Dryer/Mixer	8.92	--	23.00	--	22.00
EP2 – Hot Mix Asphalt Storage/Surge Bin	0.180	--	--	--	---
EP3 – Hot Oil Heater	0.017	--	0.8086	--	0.1714
EP4 – Lime Storage Silo	0.055	--	--	--	---
F1 – Hot Mix Asphalt Truck Loadout	0.160	--	--	--	---

ATTACHMENT B

**MODELED EMISSION RATES
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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	7439-97-6
Production	0.01	0.15776	1.2741	0.001
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	---

STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)				
STACK ID	Nickel	Propionaldehyde	Quinone	N/A
	7440-02-0	123-38-6	106-51-4	---
Production	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	---	---	---	---

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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)
Acetaldehyde	75-07-0	12.480	21.600	Y
Arsenic	7440382	0.005	0.012	Y
Carbon Disulfide	75150	0.023	1.800	Y
Chromium(+6) Compounds	>	0.003	0.030	Y
Cobalt Compounds	>	0.000	0.003	Y
Cumene	98-82-8	0.043	0.108	Y
Ethyl Benzene	100414	2.460	52.200	Y
Ethyl Chloride (Chloroethane)	75-00-3	0.004	316.800	Y
Hexane	110543	9.00	10.80	Y
Manganese Compounds	>	0.073	0.300	Y
Methyl Bromide (Bromomethane)	74-83-9	0.009	1.200	Y
Methyl Chloroform	71556	0.460	114.600	Y
Methyl Ethyl Ketone(2-Butone)	78933	0.257	177.000	Y
Methylene Chloride	75092	0.0003	105.000	Y
Naphthalene	91203	6.330	15.000	Y
Phenol	108952	0.039	2.280	Y
Selenium Compounds	>	0.003	0.012	Y
Tetrachlorinated Dibenzo-p-dioxins	1746-01-6	0.000	0.000	Y
Tetrachloroethylene (Perchloroethylene)	127-18-4	0.002	40.200	Y
Styrene	100425	0.007	63.900	Y
Toluene	108883	20.997	24.000	Y
2,2,4-Trimethylpentane	540-84-1	0.289	105.000	Y
Chromium(+6) Compounds	>	0.003	0.030	Y
Xylene	1330207	1.738	52.200	Y
o-Xylene	95-47-6	2.320	52.200	Y