



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. - Elgin Plant
Permit Number: 9900-0584

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: 9900-0584
ec: Reggie Watts, BEHS

ATTACHMENT A

FACILITY INFORMATION Boggs Materials, Inc. - Elgin Plant GCM-9900-0584 Page 1 of 3

A - APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 64 Industrial Park Dr.
CITY, STATE, ZIP FACILITY IS LOCATED IN: Elgin, SC 29078
COUNTY FACILITY IS LOCATED IN: Kershaw

C - FACILITY EQUIPMENT			
Equipment ID	Equipment Description	Installation Date/ Modification Date	Control Device ID
AP	385 tph Drum Mix Asphalt Plant (40CFR60 Subpart I Applicable)	2010	BH
DB	120E+06 Btu/hr Asphalt Plant Dryer Burner Natural gas, No.2 Fuel Oil (Maximum Sulfur Content 0.5%), Recycled No.2 Fuel Oil (Maximum Sulfur Content 0.5%), No.4 Fuel Oil (Maximum Sulfur Content 1.5%) and Recycled No.4 Fuel Oil(Maximum Sulfur Content 1.5%) as Burner Fuels	2010	BH
LS	Lime Silo	2010	-BV

D - FACILITY CONTROL DEVICES			
Control Device ID	Control Device Description	Installation Date/ Modification Date	Pollutant(s) Controlled
BH	Pulse Jet Baghouse	2010	PM, PM ₁₀ , PM _{2.5}
BV	Bin Vent Baghouse	2010	PM, PM ₁₀ , PM _{2.5}

E - FACILITY EXEMPT EQUIPMENT			
Equipment ID	Source Description	Installation Date	Basis
LAT-1	35,000 gallon Liquid Asphalt Tank No.1	2010	SC Regulation 61-62.1, Section II(B)(2)(h)
LAT-2	15,000 gallon Liquid Asphalt Tank No.2	2010	SC Regulation 61-62.1, Section II(B)(2)(h)
FOT	25,000 gallon Fuel Oil Tank	2010	Air Permitting Exemption List Item 9
ODF	7,500 gallon Off Road Diesel Tank	2010	Air Permitting Exemption List Item 9
HOH	1.0E+06 Btu/hr Hot Oil Heater No.2 Fuel Oil (Maximum Sulfur Content 0.5%) as fuel	2010	SC Regulation 61-62.1, Section II(B)(2)(h)

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F - ADDITIONAL CONDITIONS		
The owner/operator must comply with the conditions of the General Conditional Major Operating Permit for Asphalt Plants and any additional conditions listed in this section.		
Condition Number	Equipment ID	Conditions
F.1	AP	The production limit of this condition supersedes the production limit specified in the general permit. The 12-month rolling sum of actual asphalt production shall be less than 750,000 tons.
F.2	DB	The Dryer Burner must achieve a minimum of 30% reduction from uncontrolled levels in the discharge of NO _x resulting from fuel burning. Compliance with this requirement shall be demonstrated through the usage of a low-NO _x burner and manufacturer recommended maintenance.
F.3	AP	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. 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. 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. SCDHEC – BAQ Asbestos Section 2600 Bull Street Columbia, SC 29201

ATTACHMENT B

MODELED EMISSION RATES Boggs Materials, Inc. - Elgin Plant GCM-9900-0584 Page 1 of 4

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 NAAQS EMISSION RATES (lb/ht)					
STACK ID	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO
EP-1 Asphalt Production-Baghouse	8.85	--	22.33	21.18	50.05
EP-2 Silo Filling	0.23	--	--	--	0.43
EP-3 Hot Oil Heater	--	--	0.51	0.14	0.08
EP-4-Lime Silo	--	--	--	--	--
Truck Loadout	0.20	--	--	--	0.52

STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)				
STACK ID	Acrolein 107-02-8	Benzene 71-43-2	Cadmium 7440-43-9	Formaldehyde 50-00-0
EP-1 Asphalt Production-Baghouse	0.01	0.15	0.00016	1.23
EP-2 Silo Filling	--	--	--	--
EP-3 Hot Oil Heater	--	--	--	--
EP-4-Lime Silo	--	--	--	--
Truck Loadout	--	--	--	--

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STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)					
STACK ID	Mercury 7439-97-6	Nickel 7440-02-0	Quinone 106-51-4	POM --	Toluene 108-88-3
EP-1 Asphalt Production-Baghouse	0.001	0.024	0.062	0.3600	1.12
EP-2 Silo Filling	--	--	--	--	--
EP-3 Hot Oil Heater	--	--	--	--	--
EP-4-Lime Silo	--	--	--	--	--
Truck Loadout	--	--	--	--	1.12

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)
2,2,4-Trimethylpentane	540-84-1	0.371	105.000	Y
2,3,7,8-TCDD*	1746-01-6	0.000	-	n/a
2-Methylnaphthalene	91-57-6	1.7688	-	n/a
Acenaphthene	83-32-9	0.003	-	n/a
Acenaphthylene	208-96-8	32.153	-	n/a
Acetaldehyde	75-07-0	12.012	21.600	Y
Acrolein	107-02-8	0.002	0.015	Y
Anthracene	120-12-7	33.9	-	n/a
Arsenic	744-038-2	0.005	0.012	Y
Benzene	71-43-2	3.660	1.880	N
Benzo(a) anthracene	56-55-3	0.004	-	n/a
Benzo(a)pyrene	50-32-8	0.000	-	n/a
Benzo (b)fluoranthene	205-99-2	0.001	-	n/a
Benzo(e)pyrene	192-97-2	0.001	-	n/a
Benzo(g,h,i)perylene	191-24-2	0.000	-	n/a

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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)
Benzo(k)fluoranthene	207-08-9	0.001	-	n/a
Cadmium	744-043-9	0.004	0.003	N
Carbon Disulfide	75-15-0	0.023	1.800	Y
Chromium	744-047-3	0.051	-	n/a
Chrysene	218-01-9	0.010	-	n/a
Cobalt	744-048-4	0.000	0.003	Y
Cumene	98-82-8	0.042	0.108	Y
Dibenz(a,h)anthracene	53-70-3	0.001	-	n/a
Dioxins	-	0.000	-	n/a
Ethyl Chloride	75-00-3	0.005	316.800	Y
Ethyl Benzene	100-41-4	2.368	52.200	Y
Fluoranthene	206-44-0	107.30	-	n/a
Hexane	110-54-3	8.671	10.800	Y
Fluorene	86-73-7	0.150	-	n/a
Formaldehyde	50-00-0	29.455	0.180	N
Furans	-	0.000	-	n/a
Hexane	110-54-3	8.671	10.800	Y
Hexavalent chromium	1854-029-9	0.004	0.030	Y
Hydrochloric Acid	7467-01-0	1.94	2.100	Y
Indeno (1,2,3,-cd)pyrene	193-39-5	0.000	-	n/a
Manganese	743-996-5	0.071	0.300	Y
MEK	78-93-3	0.248	177.000	Y
Mercury	743-997-6	0.024	0.003	N

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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)
Methyl Bromide	74-83-9	0.009	1.200	Y
Methyl Chloride	74-87-3	0.032	6.180	Y
Methyl Chloroform	71-55-6	0.444	114.600	Y
Methylene Chloride	75-09-2	0.000	105.00	Y
Naphthalene	91-20-3	6.088	15.000	Y
O-Xylene	95-47-6	0.095	52.200	Y
Phenol	108-95-2	0.033	2.280	Y
Propionaldehyde	123-38-6	1.201	+	Y
Selenium	778-249-2	0.003	0.012	Y
Styrene	100-42-5	0.009	63.900	Y
Tetrachloroethene	127-18-4	0.003	40.200	Y
Xylene	1330-20-7	2.23	52.200	Y