

Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

November 6, 2013

David M Ashmore Ashmore Brothers, Inc. PO Box 529 Greer, SC 29652-0529

RE: Notice of Permit Coverage

Ashmore Brothers, Inc. - Spartanburg Plant #3

Permit Number: 9900-0152

Dear Mr. Ashmore:

Enclosed is Attachment A to GCM-9900-0152. This modified permit has the same expiration date as the previous General Conditional Major Operating Permit for Asphalt Plants and will remain valid through June 30, 2018. This modified permit is being issued to incorporate changes into your existing permit as described in the enclosed "Record of Revisions."

Please be advised that this facility's periodic reporting period is not affected by this modification. In addition, there have been no changes to the General Conditional Major for Asphalt Plants. It has not been included and you should retain the copy you were previously issued.

It is important for you and/or an authorized representative responsible for the overall operation of this facility to read this issued permit carefully and to understand all requirements. If any errors or omissions are discovered, please notify Kirk Schneider, (803) 898-4023 or e-mail at schneikg@dhec.sc.gov promptly if any are discovered.

In the event, you disagree with the modification to the Permit, the enclosed "Guide to Board Review" explains the process for contesting the Department's decision.

Sincerely,

Elizabeth J. Basil

Director, Engineering Services Division

Elizabeth j Basil

Bureau of Air Quality

EJB:kgs:kal Enclosure

cc: Permit File: 9900-0152 ec: Johnny Hall, BEHS

ATTACHMENT A

FACILITY INFORMATION Ashmore Brothers, Inc. - Spartanburg Plant #3 GCM-9900-0152 Page 1 of 2

A - APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 300 Half Moon Road CITY, STATE, ZIP FACILITY IS LOCATED IN: Welford, SC 29385 COUNTY FACILITY IS LOCATED IN: Spartanburg

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)	1987	ВН			
DB	73.9E+06 Btu/hr Asphalt Plant Dryer Burner No.2 Fuel Oil (Maximum Sulfur Content 0.5%) and Recycled No.4 Fuel Oil (Maximum Sulfur Content 1.5%) as Burner Fuels	1987	ВН			
LS	Lime Silo	1987	BV			

D - FACILITY CONTROL DEVICES						
Control Device ID	Control Device Description	Installation Date/ Modification Date	Pollutant(s) Controlled			
ВН	Pulse Jet Baghouse	1987	PM, PM ₁₀ , PM _{2.5}			
BV	Bin Vent Baghouse	1987	PM, PM ₁₀ , PM _{2.5}			

E - FACILITY EXEMPT EQUIPMENT							
Equipment ID	Source Description	Installation Date	Basis				
НОН	1.26E+06 Btu/hr Hot Oil Heater Natural Gas and No.2 Fuel Oil (Maximum Sulfur Content 0.5%) as fuels	2006	SC Regulation 61-62.1, Section II(B)(2)(h)				
LAT	30,000 gallon Liquid Asphalt Tank	2006	SC Regulation 61-62.1, Section II(B)(2)(h)				
FOT	12,000 gallon No. 2 Fuel Oil Tank	2006	Air Permitting Exemption List				
AST	2,000 gallon Anti-Strip Tank	1994	SC Regulation 61-62.1, Section II(B)(2)(h)				

ATTACHMENT A

FACILITY INFORMATION

Ashmore Brothers, Inc. - Spartanburg Plant #3 GCM-9900-0152 Page 2 of 2

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	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
F.2	AP	(August 7, 2012 Emissions Testing) Asphalt production is limited to 261 tph. Increase in the production rate up to the rated production of 300 tph will require retesting to demonstrate compliance with applicable requirements.

	RECORD OF REVISIONS					
Revision Date	vision Date Description of Change					
11-06-2013	Added production limit in new Condition F.2 based on the results of the August 7, 2012 performance test.					

ATTACHMENT B

MODELED EMISSION RATES Ashmore Brothers, Inc. - Spartanburg Plant #3 GCM-9900-0152 Page 1 of 3

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 PM ₁₀ PM _{2.5} SO ₂ NO _x CO Lead HF							
EP01	6.9000		17.400	16.5000	39.0000		

STANDARD NO.7 - MODELED PSD CLASS II INCREMENT EMISSION RATES (lb/hr)					
		Minor Source Baseline Date(s)			
STACK ID	12/21/1992	None	None	12/21/1992	
	PM ₁₀	PM _{2.5}	SO ₂	NO _x	
EP01	6.9000			16.500	

STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)						
STACK ID Acrolein 107-02-8 Benzene 71-43-2 Formaldehyde 50-00-0 Mercury 743-997-6						
EP01	0.0078	0.1188	0.9563	0.0008		
EP04(LOSL)		0.0024	0.0263			

STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)						
STACK ID Nickel POMs Quinone 744-002-0 varies 106-51-4						
EP01	0.0189	0.2800	0.0480			
EP04 (LOSL)		0.0148				

ATTACHMENT B

MODELED EMISSION RATES Ashmore Brothers, Inc. - Spartanburg Plant #3 GCM-9900-0152 Page 2 of 3

STANDARD NO.8 – TO	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	9.360	21.600	Y		
Arsenic	744-038-2	0.004	0.012	Y		
Cadmium	744-043-9	0.003	0.003	Y		
Carbon Disulfide	75-15-0	0.018	1.800	Y		
Cobalt	744-048-4	0.000	0.003	Y		
Cumene	98-82-8	0.033	0.108	Y		
Ethyl Chloride	75-00-3	0.004	316.800	Y		
Ethylbenzene	100-41-4	1.845	52.200	Y		
Hexane	110-54-3	6.757	10.800	Y		
Hexavalent chromium	1854-029-9	0.003	0.030	Y		
Hydrochloric Acid	7467-01-0	1.512	2.100	Y		
Manganese	743-996-5	0.055	0.300	Y		
MEK	78-93-3	0.193	177.000	Y		
Methyl Bromide	74-83-9	0.007	1.200	Y		
Methyl Chloride	74-87-3	0.025	6.180	Y		
Methyl chloroform	71-55-6	0.346	114.600	Y		
Methylene Chloride	75-09-2	0.000	105.000	Y		
Naphthalene	91-20-3	4.744	15.000	Y		
Phenol	108-95-2	0.029	2.280	Y		
Selenium	778-249-2	0.003	0.012	Y		
Styrene	100-42-5	0.007	63.900	Y		
2,3,7,8-TCDD	1746-01-6	0.000	0.000	Y		
Tetrachloroethene	127-18-4	0.002	40.200	Y		

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MODELED EMISSION RATES Ashmore Brothers, Inc. - Spartanburg Plant #3 GCM-9900-0152 Page 3 of 3

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)		
Toluene	108-88-3	20.997	24.000	Y		
2,2,4-Trimethylpentane	540-84-1	0.289	105.000	Y		
o-Xylene	95-47-6	0.074	52.200	Y		
Xylene	1330-20-7	1.738	52.200	Y		