



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

August 5, 2013

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

RE: Notice of Permit Coverage
Ashmore Brothers - Anderson Plant No.2
Permit Number: 9900-0045

Dear Mr. Ashmore:

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: 9900-0045
ec: Tyler Smith, BEHS

ATTACHMENT A

FACILITY INFORMATION Ashmore Brothers - Anderson Plant No.2 GCM-9900-0045 Page 1 of 3

A - APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: McGee Road (S-4-62)
CITY, STATE, ZIP FACILITY IS LOCATED IN: Anderson, SC 29624
COUNTY FACILITY IS LOCATED IN: Anderson

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)	1989	BH
DB	75E+06 Btu/hr Asphalt Plant Dryer Burner Natural Gas and No.2 Fuel Oil (Maximum Sulfur Content 0.5%) as Burner Fuels	2006	BH
LS	Lime Silo	1989	BV

D - FACILITY CONTROL DEVICES			
Control Device ID	Control Device Description	Installation Date/ Modification Date	Pollutant(s) Controlled
BH	Pulse Jet Baghouse	2004	PM, PM ₁₀ , PM _{2.5}
BV	Bin Vent Baghouse	1991	PM, PM ₁₀ , PM _{2.5}

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FACILITY INFORMATION
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E - FACILITY EXEMPT EQUIPMENT			
Equipment ID	Source Description	Installation Date	Basis
FOT-1	1,500 gallon No.2 Fuel Oil Storage Tank	1997	Air Permitting Exemption List
AST	2,000 gallon Antistrip Storage Tank	1997	SC Regulation 61-62.1, Section II(B)(2)(h)
FOT-2	10,000 gallon No.2 Fuel Oil Storage Tank	2001	Air Permitting Exemption List
LAT-1	20,000 gallon Liquid Asphalt Storage Tank	2001	SC Regulation 61-62.1, Section II(B)(2)(h)
LAT-2	30,000 gallon Liquid Asphalt Storage Tank	1997	SC Regulation 61-62.1, Section II(B)(2)(h)
HOH-1	1.25E+06 Btu/hr Hot Oil Heater Natural Gas and No.2 Fuel Oil (Maximum Sulfur Content 0.5%) as Fuels	2001	SC Regulation 61-62.1, Section II(B)(2)(h)
HOH-2	2.0E+06 Btu/hr Hot Oil Heater Natural Gas and No.2 Fuel Oil (Maximum Sulfur Content 0.5%) as Fuels	N/A	SC Regulation 61-62.1, Section II(B)(2)(h)

F - ADDITIONAL CONDITIONS		
<p>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.</p>		
Condition Number	Equipment ID	Conditions
F.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="right">SCDHEC – BAQ Asbestos Section 2600 Bull Street Columbia, SC 29201</p>

ATTACHMENT B

MODELED EMISSION RATES Ashmore Brothers - Anderson Plant No.2 GCM-9900-0045 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.

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2						
Emission Point ID	Modeled Emission Rates					
	PM₁₀ (lb/hr)	PM_{2.5} (lb/hr)	SO₂ (lb/hr)	NO_x (lb/hr)	CO (lb/hr)	Lead (lb/hr)
EP01	6.900	Exempt	3.300	16.500	39.000	--

CLASS II PREVENTION OF SIGNIFICANT DETERIORATION - STANDARD NO. 7			
Emission Point ID	Minor Source Baseline Date(s)		
	6/8/1999	6/8/1999	6/8/1999
	PM₁₀ (lb/hr)	SO₂ (lb/hr)	NO_x (lb/hr)
EP01	6.90	3.30	16.50

TOXIC AIR POLLUTANTS MODELED - STANDARD NO. 8					
Emission Point ID	Benzene 71-43-2 (lb/hr)	Formaldehyde 50-00-0 (lb/hr)	Mercury 7439-97-6 (lb/hr)	Nickel 7440-02-0 (lb/hr)	POM (lb/hr)
EP01	0.117	0.930	7.8E-04	0.0189	0.26544
EP04A	5.85E-04	1.26E-02	---	---	4.35E-03
EP04B	3.24E-04	5.49E-04	---	---	3.04E-03
EP05A	5.85E-04	1.26E-02	---	---	4.35E-03
EP05B	3.24E-04	5.49E-04	---	---	3.04E-03

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TOXIC AIR POLLUTANTS - STANDARD NO. 8 FACILITY-WIDE LEVEL I DE MINIMIS ANALYSIS			
Pollutant Controlled	CAS #	Emission Rate (lb/day)	De Minimis (lb/day)
Arsenic	7440-38-2	0.004	0.012
Benzene	71-43-2	2.852	1.800
Cadmium	7440-43-9	0.003	0.003
Carbon Disulfide	75-15-0	0.018	1.800
Chromium (+6) Compounds	+	0.003	0.030
Cobalt	7440-48-4	0.000	0.003
Cumene	98-82-8	0.033	0.108
Ethyl Chloride	75-00-3	0.004	316.800
Ethylbenzene	100-41-4	1.845	52.200
Formaldehyde	50-00-0	22.952	0.180
Hexane	110-54-3	6.757	10.800
Manganese Compounds	+	0.055	0.300
Methyl Ethyl Ketone	78-93-3	0.049	177.000
Mercury	7439-97-6	0.019	0.003
Methyl Bromide	74-83-9	0.007	1.200
Methyl Chloride	74-87-3	0.025	6.180
Methyl Chloroform	71-55-6	0.346	114.600
Methylene Chloride	75-09-2	0.000	105.000
Naphthalene	91-20-3	4.744	15.000
Nickel	7440-02-0	0.454	0.006
Phenol	108-95-2	0.029	2.280
Polycyclic Organic Matter	+	6.725	1.920
Selenium Compounds	+	0.003	0.012
Styrene	100-42-5	0.007	63.900

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TOXIC AIR POLLUTANTS - STANDARD NO.8 FACILITY-WIDE LEVEL I DE MINIMIS ANALYSIS			
Pollutant Controlled	CAS #	Emission Rate (lb/day)	De Minimis (lb/day)
2,3,7,8-Tetrachlorinated Dibenzo-p-dioxins	1746-01-6	0.000	0.000
Tetrachloroethylene	127-18-4	0.002	40.200
2,2,4-Trimethylpentane	540-84-1	0.289	105.000
Toluene	108-88-3	20.997	24.000
Xylene	1330-20-7	1.738	52.200
o-Xylene	95-47-6	0.074	52.200