



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  
Permit Number: 9900-0013

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](mailto: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: 9900-0013  
ec: Bill Williamson, BEHS

# ATTACHMENT A

## FACILITY INFORMATION

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**A - APPLICABLE PERMIT DATES**

COVERAGE DATE:

August 5, 2013

**B - FACILITY PHYSICAL ADDRESS**

STREET ADDRESS:

1880 Hwy 14

CITY, STATE, ZIP:

Greer, SC 29653

COUNTY:

Greenville

<b>C - FACILITY EQUIPMENT</b>			
<b>Equipment ID</b>	<b>Equipment Description</b>	<b>Installation Date/Modification Date</b>	<b>Control Device ID</b>
AP	300 tph Drum Mix Asphalt Plant (40CFR60 Subpart I Applicable)	2004	BH
DB	100E+06 Btu/hr Asphalt Plant Dryer Burner Natural Gas and No.2 Fuel Oil (Maximum Sulfur Content 0.5%) as Burner Fuels	2004	BH
CR	90 tph Hammer Mill Lump Breaker	1990	None
LS	Lime Silo	1991	BV

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

<b>E - FACILITY EXEMPT EQUIPMENT</b>			
<b>Equipment ID</b>	<b>Source Description</b>	<b>Installation Date</b>	<b>Basis</b>
FOT	10,000 gallon No.2 Fuel Oil Storage Tank	1978	Air Permitting Exemption List
AST	1,500 gallon Antistrip Storage Tank	1978	SC Regulation 61-62.1, Section II(B)(2)(h)
LAT-1	20,000 gallon Liquid Asphalt Storage Tank	2007	SC Regulation 61-62.1, Section II(B)(2)(h)
LAT-2	30,000 gallon Liquid Asphalt Storage Tank	2007	SC Regulation 61-62.1, Section II(B)(2)(h)
HOH	1.25E+06 Btu/hr Hot Oil Heater Natural Gas and No.2 Fuel Oil (Maximum Sulfur Content 0.5%) as Fuels	2007	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.

<b>AMBIENT AIR QUALITY STANDARDS - STANDARD NO.2</b>						
<b>Emission Point ID</b>	<b>Modeled Emission Rates</b>					
	<b>PM<sub>10</sub> (lb/hr)</b>	<b>PM<sub>2.5</sub> (lb/hr)</b>	<b>SO<sub>2</sub> (lb/hr)</b>	<b>NO<sub>x</sub> (lb/hr)</b>	<b>CO (lb/hr)</b>	<b>Lead (lb/hr)</b>
EP01 – Aggregate Drum, etc.	6.900	Exempt	3.300	16.500	39.000	--

<b>CLASS II PREVENTION OF SIGNIFICANT DETERIORATION - STANDARD NO. 7</b>			
<b>Emission Point ID</b>	<b>Minor Source Baseline Date(s)</b>		
	<b>7/03/2001</b>	<b>7/03/2001</b>	<b>7/03/2001</b>
	<b>PM<sub>10</sub> (lb/hr)</b>	<b>SO<sub>2</sub> (lb/hr)</b>	<b>NO<sub>x</sub> (lb/hr)</b>
EP01 – Aggregate Drum, etc.	0.575	0.275	1.375

<b>TOXIC AIR POLLUTANTS MODELED - STANDARD NO. 8</b>					
<b>Emission Point ID</b>	<b>Benzene 71-43-2 (lb/hr)</b>	<b>Formaldehyde 50-00-0 (lb/hr)</b>	<b>Mercury 7439-97-6 (lb/hr)</b>	<b>Nickel 7440-02-0 (lb/hr)</b>	<b>POM (lb/hr)</b>
EP01	0.117	0.930	7.8E-04	0.0189	2.6544E-01
EP02A	3.8997E-04	8.4087E-03	---	---	2.8967E-03
EP02A	2.1627E-04	3.66E-04	---	---	2.0233E-03
EP03A	3.8997E-04	8.4087E-03	---	---	2.8967E-03
EP03B	2.1627E-04	3.66E-04	---	---	2.0233E-03
EP04A	3.8997E-04	8.4087E-03	---	---	2.8967E-03
EP04B	2.1627E-04	3.66E-04	---	---	2.0233E-03

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<b>TOXIC AIR POLLUTANTS - STANDARD NO. 8 FACILITY-WIDE LEVEL I DE MINIMIS ANALYSIS</b>			
<b>Pollutant Controlled</b>	<b>CAS #</b>	<b>Emission Rate (lb/day)</b>	<b>De Minimis (lb/day)</b>
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	1854-029-9	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
Hydrochloric Acid	7467-01-0	0.000	2.100
Manganese	743-996-5	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	778-249-2	0.003	0.012

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<b>TOXIC AIR POLLUTANTS - STANDARD NO. 8 FACILITY-WIDE LEVEL I DE MINIMIS ANALYSIS</b>			
<b>Pollutant Controlled</b>	<b>CAS #</b>	<b>Emission Rate (lb/day)</b>	<b>De Minimis (lb/day)</b>
Styrene	100-42-5	0.007	63.900
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