



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

October 3, 2013

William B. Pickens
Pickens Construction Inc.
P.O. Box 5135
Anderson SC 29623-5135

RE: Notice of Permit Coverage
Pickens Construction Inc.
Permit Number: 9900-0041

Dear Mr. Pickens:

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 October 3, 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: 9900-0041
ec: Chris McClusky, BEHS

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

2600 Bull Street • Columbia, SC 29201 • Phone: (803) 898-3432 • www.scdhec.gov

ATTACHMENT A

FACILITY INFORMATION Pickens Construction, Inc. GCM-9900-0041 Page 1 of 3

A - APPLICABLE PERMIT DATES

COVERAGE DATE: October 3, 2013

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 415 McGee Road
CITY, STATE, ZIP FACILITY IS LOCATED IN: Anderson, SC 29623-5135
COUNTY FACILITY IS LOCATED IN: Anderson

C - FACILITY EQUIPMENT			
Equipment ID	Equipment Description	Installation Date/ Modification Date	Control Device ID
AP	200 tph Drum Mix Asphalt Plant (40CFR60 Subpart I Applicable)	1977	BH
DB	82.4E+06 Btu/hr Asphalt Plant Dryer Burner Natural Gas, No.2 Fuel Oil (Maximum Sulfur Content 0.5%) and No.2 Recycled Oil (Maximum Sulfur Content 0.5%) as Burner Fuels	1977	BH
LS	Lime Silo	1977	BV

D - FACILITY CONTROL DEVICES			
Control Device ID	Control Device Description	Installation Date/ Modification Date	Pollutant(s) Controlled
BH	Pulse Jet Baghouse	1977	PM, PM ₁₀ , PM _{2.5}
BV	Bin Vent Baghouse	1977	PM, PM ₁₀ , PM _{2.5}

E - FACILITY EXEMPT EQUIPMENT			
Equipment ID	Source Description	Installation Date	Basis
FOT-1	2,500 gallon No.2 Fuel Oil Off-Road Storage Tank	2000	Air Permitting Exemption List
FOT-2	6,000 gallon No.2 Fuel Oil On-Road Storage Tank	2000	Air Permitting Exemption List
FOT-3	20,442 gallon No.2 Recycled Fuel Oil On-Road Storage Tank	2006	Air Permitting Exemption List
LAT-1	30,000 gallon Liquid Asphalt Storage Tank	1977	SC Regulation 61-62.1, Section II(B)(2)(h)
PSST	5,000 gallon Pavement Sealer Storage Tank	1984	SC Regulation 61-62.1, Section II(B)(2)(h)
HOH	2.0+06 Btu/hr Hot Oil Heater Natural Gas and No.2 Fuel Oil (Maximum Sulfur Content 0.4%) only as fuel	2010	SC Regulation 61-62.1, Section II(B)(2)(h)
RAPS	120 ton/hr Recycled Asphalt Pavement System (RAP Bin, Conveyor and Screen)	2007	SC Regulation 61-62.1, Section II(B)(2)(h)

ATTACHMENT A

FACILITY INFORMATION
Pickens Construction, Inc.
GCM-9900-0041
Page 2 of 3

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	<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 style="text-align: center;">SCDHEC – BAQ Asbestos Section 2600 Bull Street Columbia, SC 29201</p>
F.2	AP	<p>(April 13, 2010 Emissions Testing) Asphalt production is limited to 172 tph. Increase in the production rate up to the rated production of 225 tph will require retesting to demonstrate compliance with applicable requirements.</p>

ATTACHMENT B

MODELED EMISSION RATES

Pickens Construction, Inc.

GCM-9900-0041

Page 1 of 2

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
EP01-Baghouse	4.60	--	11.60	11.00	26.00	--	--

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-Baghouse	5.200	7.920E-02	0.638	5.200E-04

STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)			
STACK ID	Nickel	POM	Quinone
	744-002-0	N/A	106-51-4
EP01-Baghouse	1.260E-02	0.187	3.200E-02

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	6.240	21.600	Yes
Arsenic	7440-38-2	2.688E-03	0.012	Yes
Cadmium	7440-43-9	1.968E-03	0.003	Yes
Carbon Disulfide	75-15-0	1.195E-02	1.800	Yes
Chromium (+6) Compounds	N/A	2.160E-03	0.030	Yes
Cumene	98-82-8	2.196E-02	0.108	Yes
Ethyl Benzene	100-41-4	1.231	52.200	Yes
Ethyl Chloride	75-00-3	2.382E-03	316.800	Yes

ATTACHMENT B

MODELED EMISSION RATES

Pickens Construction, Inc.

GCM-9900-0041

Page 2 of 2

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)
Hexane	110-54-3	4.505	10.800	Yes
Hydrochloric Acid	7647-01-0	1.008	2.100	Yes
Manganese Compounds	N/A	3.696E-02	0.300	Yes
Methyl Bromide	74-83-9	4.783E-03	1.200	Yes
Methyl Chloride	74-87-3	1.645E-02	6.180	Yes
Methyl Chloroform (1,1,1-Trichloroethane)	71-55-6	0.230	114.600	Yes
Methylene Chloride	75-09-2	1.579E-04	105.000	Yes
Naphthalene	91-20-3	3.163	15.000	Yes
Phenol	108-95-2	1.931E-02	2.280	Yes
Propionaldehyde	123-38-6	0.624	+	Yes
Selenium Compounds	N/A	1.680E-03	0.012	Yes
Styrene	100-42-5	4.616E-03	63.900	Yes
Tetrachlorinated Dibenzo-p-dioxins	1746-01-6	1.008E-09	0.000	Yes
Tetrachloroethylene	127-18-4	1.537E-03	40.200	Yes
Toluene	108-88-3	13.999	24.000	Yes
2,2,4-Trimethylpentane	540-84-1	0.193	105.000	Yes
Xylene	1330-20-7	1.159	52.200	Yes
o-Xylene	95-47-6	4.931E-02	52.200	Yes