



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

August 5, 2013

Michael K Crenshaw
King Asphalt Inc.
P.O. Box 179
Liberty, SC 29657

RE: Notice of Permit Coverage
King Asphalt Inc.
Permit Number: 9900-0370

Dear Mr. Crenshaw:

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: 9900-0370
ec: Bill Williamson, BEHS

ATTACHMENT A

FACILITY INFORMATION

King Asphalt, Inc.

GCM-9900-0370

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A - APPLICABLE PERMIT DATES

COVERAGE DATE:

August 5, 2013

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS:

2127 Greenville Highway

CITY, STATE, ZIP FACILITY IS LOCATED IN:

Liberty, SC 29657

COUNTY FACILITY IS LOCATED IN:

Pickens

C - FACILITY EQUIPMENT			
Equipment ID	Equipment Description	Installation Date/ Modification Date	Control Device ID
AP	400 tph Drum Mix Asphalt Plant (40CFR60 Subpart I Applicable)	2000	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	2000	BH
LS	Lime Silo	2000	BV

D - FACILITY CONTROL DEVICES			
Control Device ID	Control Device Description	Installation Date/ Modification Date	Pollutant(s) Controlled
BH	Pulse Jet Baghouse	2000	PM, PM ₁₀ , PM _{2.5}
BV	Bin Vent Baghouse	2000	PM, PM ₁₀ , PM _{2.5}

E - FACILITY EXEMPT EQUIPMENT			
Equipment ID	Source Description	Installation Date	Basis
HOH	105,000 Btu/hr Hot Oil Heater Natural Gas and No.2 Fuel Oil (Maximum Sulfur Content 0.5%) as fuels	2000	SC Regulation 61-62.1, Section II(B)(2)(h)
LAT	22,500 gallon Liquid Asphalt Tank	2000	SC Regulation 61-62.1, Section II(B)(2)(h)
FOT	10,000 gallon No.2 Fuel Oil Tank	2000	Air Permitting Exemption List

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.

STANDARD NO.2 – MODELED AAQS EMISSION RATES (lb/hr)					
STACK ID	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO
EP01	16.0000	1.16	22.4000	30.0000	52.0
EP02A	--	--	--	--	0.22185
EP02B	--	--	--	--	0.2698
EP03A	--	--	--	--	0.22185
EP03B	--	--	--	--	0.2698

STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)				
STACK ID	Benzene	Cadmium	Formaldehyde	Mercury
	71-43-2	7440-43-9	50-00-0	7439-97-6
EP01	0.156	0.000164	1.240	0.00104
EP02A	0.000779	--	0.016818	--
EP02B	0.000432	--	0.000732	--
EP03A	0.000779	--	0.016818	--
EP03B	0.000432	--	0.000732	--

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MODELED EMISSION RATES

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STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)			
STACK ID	Nickel	POM	Toluene
	7440-02-0	N/A	108-88-3
EP01	0.0252	0.3539	1.160
EP02A	--	0.005794	0.001511
EP02B	--	0.004047	0.001747
EP03A	--	0.005794	0.001511
EP03B	--	0.004047	0.001747

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	0.385	105.000	Y
Acetaldehyde	75-07-7	0.000	21.600	Y
Acrolein	107-02-8	0.000	0.015	Y
Arsenic	7440-38-2	0.005	0.012	Y
Carbon Disulfide	75-15-0	0.024	1.800	Y
Chromium (+6) Compounds	+	0.004	0.030	Y
Cobalt Compounds	+	0.000	0.003	Y
Cumene	98-82-8	0.044	0.108	Y
Ethyl Benzene	100-41-4	2.460	52.200	Y
Ethyl Chloride	75-00-3	0.005	316.800	Y
Hexane	110-54-3	9.009	10.800	Y
Hydrochloric Acid	7647-01-0	0.000	2.100	Y
Manganese Compounds	+	0.074	0.300	Y
Methyl Bromide	74-83-9	0.010	1.200	Y
Methyl Chloride	74-87-3	0.033	6.180	Y

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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 Chloroform (1,1,1-Trichloroethane)	71-55-6	0.461	114.600	Y
Methyl Ethyl Ketone (2-Butone)	78-93-3	0.065	177.000	Y
Methylene Chloride	75-09-2	0.000	105.000	Y
Naphthalene	91-20-3	6.325	15.000	Y
o-Xylene	95-47-6	0.004	52.200	Y
Phenol	108-95-2	0.039	2.280	Y
Propionaldehyde	123-38-6	0.000	+	Y
Quinone	106-51-4	0.000	0.024	Y
Selenium Compounds	+	0.003	0.012	Y
Styrene	100-42-5	0.009	63.900	Y
Tetrachlorinated Dibenzo-p-dioxins	1746-01-6	0.000	0.000	Y
Tetrachloroethylene	127-18-4	0.003	40.200	Y
Xylene	1330-20-7	0.097	52.200	Y