



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

August 5, 2013

Mr. Bryan M. Howell
The Lane Construction Corporation
3176 Charleston Highway
West Columbia, SC 29172

RE: Notice of Permit Coverage
The Lane Construction Corporation - Ridgeland Asphalt Plant
Permit Number: 9900-0022

Dear Mr. Howell:

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: 9900-0022
ec: Shane Johnson, BEHS

ATTACHMENT A

FACILITY INFORMATION

The Lane Construction Corporation - Ridgeland Asphalt Plant

GCM-9900-0022

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A - APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 2071 W. Frontage Road
 CITY, STATE, ZIP FACILITY IS LOCATED IN: Ridgeland, SC 29936
 COUNTY FACILITY IS LOCATED IN: Jasper

C - FACILITY EQUIPMENT			
Equipment ID	Equipment Description	Installation Date/ Modification Date	Control Device ID
AP	350 tph Drum Mix Asphalt Plant (40CFR60 Subpart I Applicable)	1995	BH
DB	93E+06 Btu/hr Asphalt Plant Dryer Burner No.2 Fuel Oil (Maximum Sulfur Content 0.5%) and No.5 Recycled Fuel Oil (Maximum Sulfur Content 2.0%) as Burner Fuels	1995	BH
LS	Lime Silo	1991	BV

D - FACILITY CONTROL DEVICES			
Control Device ID	Control Device Description	Installation Date/ Modification Date	Pollutant(s) Controlled
BH	Pulse Jet Baghouse	1995	PM, PM ₁₀ , PM _{2.5}
BV	Bin Vent Baghouse	1991	PM, PM ₁₀ , PM _{2.5}

E - FACILITY EXEMPT EQUIPMENT			
Equipment ID	Source Description	Installation Date	Basis
VACT-1	30,000 gallon Vertical Asphalt Cement Storage Tank No.1	2012	SC Regulation 61-62.1, Section II(B)(2)(h)
VACT-2	30,000 gallon Vertical Asphalt Cement Storage Tank No.2	2012	SC Regulation 61-62.1, Section II(B)(2)(h)
FOT-1	25,000 gallon No.5 Recycled Fuel Oil Storage Tank	2006	Air Permitting Exemption List
FOT-2	20,000 gallon No.2 Fuel Oil Storage Tank	2006	Air Permitting Exemption List
HOH	1.251E+06 Btu/hr Hot Oil Heater Propane and No.2 Fuel Oil (Maximum Sulfur Content 0.5%) as Fuels	2000	SC Regulation 61-62.1, Section II(B)(2)(h)

ATTACHMENT B

**MODELED EMISSION RATES
The Lane Construction Corporation - Ridgeland Asphalt Plant
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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.

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)	HF (lb/hr)
Asphalt Dryer Exhaust (Production)	8.050	1.015	20.30	19.250	45.500	0.0053	--

CLASS II PREVENTION OF SIGNIFICANT DETERIORATION - STANDARD NO. 7			
Emission Point ID	Minor Source Baseline Date(s)		
	8/15/ 2001	8/15/2001	8/15/2001
	PM₁₀ (lb/hr)	SO₂ (lb/hr)	NO_x (lb/hr)
Asphalt Dryer Exhaust (Production)	8.050	20.30	19.250

TOXIC AIR POLLUTANTS MODELED - STANDARD NO. 8				
Emission Point ID	Acrolein 107-02-8 (lb/hr)	Benzene 71-43-2 (lb/hr)	Cadmium 744-043-9 (lb/hr)	Formaldehyde 50-00-0 (lb/hr)
Aggregate Drum Mix Asphalt Plant	9.10E-03	0.1386	1.44E-04	1.1157

TOXIC AIR POLLUTANTS MODELED - STANDARD NO. 8				
Emission Point ID	Mercury 743-997-6 (lb/hr)	Nickel 744-002-0 (lb/hr)	POM (lb/hr)	Propionaldehyde 123-38-6 (lb/hr)
Aggregate Drum Mix Asphalt Plant	9.10E-04	0.0221	3.27E-01	4.55E-02

TOXIC AIR POLLUTANTS MODELED - STANDARD NO. 8		
Emission Point ID	Quinone	Toluene
	106-51-4	108-88-3
Aggregate Drum Mix Asphalt Plant	5.60E-02	1.0207

ATTACHMENT B

MODELED EMISSION RATES The Lane Construction Corporation - Ridgeland Asphalt Plant GCM-9900-0022 Page 2 of 2

TOXIC AIR POLLUTANTS - STANDARD NO. 8 FACILITY-WIDE LEVEL I DE MINIMIS ANALYSIS			
Pollutant Controlled	CAS #	Emission Rate (lb/day)	De Minimis (lb/day)
Acetaldehyde	75-07-0	10.920	21.600
Arsenic	744-038-2	0.005	0.012
Carbon Disulfide	75-15-0	0.021	1.800
Cobalt		0.000	0.003
Cumene	98-82-8	0.038	0.108
Ethylbenzene	100-41-4	2.153	52.200
Ethyl Chloride	75-00-3	0.004	316.800
Hexane	110-54-3	7.883	10.800
Hexavalent Chromium	1854-029-9	0.004	0.030
Hydrochloric Acid	7467-01-0	1.764	2.100
Manganese	743-996-5	0.065	0.300
Methyl Bromide	74-83-9	0.008	1.200
Methyl Chloride	74-87-3	0.029	6.180
Methyl Chloroform	71-55-6	0.403	114.600
Methylene Chloride	75-09-2	0.000	105.000
Methyl Ethyl Ketone	78-93-3	0.225	177.000
Napthalene	91-20-3	5.535	15.000
Selenium		0.003	0.012
Styrene	100-42-5	0.008	63.900
Tetrachlorinated Dibenzo-p-dioxins (2,3,7,8-TCDD)	1746-01-6	0.000	0.003
Tetrachloroethene	127-18-4	0.003	40.200
2,2,4-Trimethylpentane	540-84-1	0.338	0.108
Xylene	1330-20-7	2.028	52.200
o-Xylene	95-47-6	0.086	52.200