D H E C
PROMOTE PROTECT PROSPER
Catherine B. Templeton, Director
Promoting and protecting the health of the public and the environment

September 25, 2014

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

RE: Notice of Permit Coverage
The Lane Construction Company – North Columbia Asphalt Plant
Permit Number: 9900-0081

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 September 25, 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: 9900-0081
ec: Ben Buchanan, BEHS

ATTACHMENT A

FACILITY INFORMATION
The Lane Construction Company – North Columbia Asphalt Plant
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A - APPLICABLE PERMIT DATES

COVERAGE DATE: September 25, 2013

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 3176 Charleston Highway
CITY, STATE, ZIP FACILITY IS LOCATED IN: West Columbia, SC 29172
COUNTY FACILITY IS LOCATED IN: Lexington

C - FACILITY EQUIPMENT

Equipment ID	Equipment Description	Installation Date/ Modification Date	Control Device ID
AP	315 tph Drum Mix Asphalt Plant (40CFR60 Subpart I Applicable)	2005	BH
DB	100E+06 Btu/hr Asphalt Plant Dryer Burner No.2 Fuel Oil and No.5 Recycled Fuel Oil (Maximum Sulfur Content 2.0%) as Burner Fuels	2005	BH
LS	Lime Silo	2005	BV

D - FACILITY CONTROL DEVICES

Control Device ID	Control Device Description	Installation Date/ Modification Date	Pollutant(s) Controlled
BH	Pulse Jet Baghouse	2005	PM, PM_{10}, $PM_{2.5}$
BV	Bin Vent Baghouse	2005	PM, PM_{10}, $PM_{2.5}$

E - FACILITY EXEMPT EQUIPMENT

Equipment ID	Source Description	Installation Date	Basis
FOT-1	2,000 gallon No.2 Fuel Oil Storage Tank	1985	Air Permitting Exemption List
FOT-2	10,000 gallon No.5 Fuel Oil Storage Tank	1985	Air Permitting Exemption List
FOT-3	10,000 gallon No.5 Fuel Oil Storage Tank	1985	Air Permitting Exemption List
LOT-1	20,000 gallon Liquid Asphalt Storage Tank No.1	1985	SC Regulation 61-62.1, Section II(B)(2)(h)
LOT-2	20,000 gallon Liquid Asphalt Storage Tank No.2	1985	SC Regulation 61-62.1, Section II(B)(2)(h)
HOH	1.0E+06 Btu/hr Hot Oil Heater No.2 Fuel Oil (Maximum Sulfur Content 0.5%) as Fuel	2005	SC Regulation 61-62.1, Section II(B)(2)(h)

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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	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. 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. 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. **SCDHEC – BAQ** **Asbestos Section** **2600 Bull Street** **Columbia, SC 29201**
F.2	AP	(July 17, 2013) Emissions Testing) Asphalt production is limited to 191 tph. Increase in the production rate up to the rated production of 315 tph will require retesting to demonstrate compliance with applicable requirements.

RECORD OF REVISIONS	
Revision Date	**Description of Change**

ATTACHMENT B

MODELED EMISSION RATES
The Lane Construction Company – North Columbia 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.

STANDARD NO.2 - MODELED AAQS EMISSION RATES (lb/hr)							
STACK ID	**PM_{10}**	**$PM_{2.5}$**	**SO_2**	**NO_x**	**CO**	**Lead**	**HF**
EP01	7.245	--	18.270	17.325	40.95	--	--

STANDARD NO.7 - MODELED PSD CLASS II INCREMENT EMISSION RATES (lb/hr)				
STACK ID	**Minor Source Baseline Date(s)**			
	5/20/1981	**None**	**5/20/1981**	**10/26/1988**
	PM_{10}	**$PM_{2.5}$**	**SO_2**	**NO_x**
EP01	7.245	--	18.270	17.325

STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)				
STACK ID	**Acrolein 107-02-8**	**Benzene 71-43-2**	**Cadmium 744-043-9**	**Formaldehyde 50-00-0**
EP01	8.19E-03	1.22E-01	1.29E-04	9.76E-01
EP01C1	--	6.00E-04	--	1.32E-02
EP01C2	--	3.00E-04	--	6.00E-04
EP01D1	--	6.00E-04	--	1.32E-02
EP01D2	--	3.00E-04	--	6.00E-04

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MODELED EMISSION RATES
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STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)				
STACK ID	**Mercury 743-997-6**	**Nickel 744-002-0**	**POMs varies**	**Quinone 106-51-4**
EP01	8.19E-04	1.98E-02	2.79E-01	5.04E-02
EP01C1	--	--	4.60E-03	--
EP01C2	--	--	3.20E-03	--
EP01D1	--	--	4.60E-03	--
EP01D2	--	--	3.20E-03	--

STANDARD NO. 8 – DE MINIMIS AIR TOXIC EMISSION RATES (lb/hr)			
POLLUTANT	**CAS #**	**STACK ID**	
		Production = EP01	**LOSL**
Acetaldhyde	75-07-0		
Arsenic	744-038-2		
Carbon Disulfide	75-15-0	1.70E-04	6.14E-04
Cobalt	744-048-4	--	--
Chromium +6 Compounds	1854-029-9		
Cumene	98-82-8	1.44E-03	--
Ethyl Chloride (Chloroethane)	75-00-3	2.75E-06	1.54E-04
Ethylbenzene	100-41-4	3.67E-03	1.46E-03
Hexane	110-54-3	1.97E-03	3.84E-03
Hydrochloric Acid	7647-01-0		
Manganese	743-996-5		
Methyl Bromide (Bromomethane)	74-83-9	1.26E-04	1.88E-04
Methyl Chloride (Chloromethane)	74-87-3	1.97E-04	8.83E-04
Methyl chloroform	71-55-6		
Methyl Ethyl Ketone (2-Butanone)	78-93-3	6.42E-04	1.50E-03

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STANDARD NO.8 – DE MINIMIS AIR TOXIC EMISSION RATES (lb/hr)			
POLLUTANT	**CAS #**	**STACK ID**	
		Production = EP01	**LOSL**
Methylene Chloride	75-09-2	--	1.04E-05
Naphthalene	91-20-3		
Phenol	108-95-2		
Propionaldehyde	123-38-6		
Selenium	778-249-2		
Styrene	100-42-5	9.56E-05	2.07E-04
Tetrachlorinated Dibenzo-p-dioxins (2,3,7,8-TCDD)	1746-01-6	1.05E-03	2.19E-03
Tetrachloroethylene (Tetrachloroethene)	127-18-4	1.01E-04	--
2,2,4-Trimethylpentane (Isooctane)	540-84-1		
o-Xylene	95-47-6	1.05E-03	2.19E-03
Xylene	1330-20-7	5.37E-03	7.68E-03