



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

August 5, 2013

Mr. Marcus W. Hackler
The Lane Construction Company
8205 Wilkinson Boulevard
Charlotte, NC 28214

RE: Notice of Permit Coverage
The Lane Construction Company – Rock Hill Asphalt Plant
Permit Number: 9900-0033

Dear Mr. Hackler:

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: 9900-0033
ec: Steve Moseley, BEHS

ATTACHMENT A

FACILITY INFORMATION

The Lane Construction Company – Rock Hill Asphalt Plant
GCM-9900-0033
Page 1 of 2

A - APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 900 Hawkfield Rd.
 CITY, STATE, ZIP FACILITY IS LOCATED IN: Rock Hill, SC 29730
 COUNTY FACILITY IS LOCATED IN: York

C - FACILITY EQUIPMENT			
Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID
AP	250 ton/hr Batch Mix Asphalt Plant (40CFR60 Subpart I Applicable)	1972	BH
DB	96.8E+06 Btu/hr Asphalt Plant Dryer Burner Natural Gas, No.2 Fuel Oil (Maximum Sulfur Content 0.5%), Recycled No.2 Fuel Oil (Maximum Sulfur Content 0.5%), No.4 Fuel Oil (Maximum Sulfur Content 1.5%) and Recycled No.5 Fuel Oil (Maximum Sulfur Content 2.0%) as Burner Fuels	1972	BH
LS	Lime Silo	1992	BV
HOH	2.0E+06 Btu/hr Hot Oil Heater Natural Gas and No.2 Fuel Oil (Maximum Sulfur Content 0.5%) as Fuels	N/A	None

D - FACILITY CONTROL DEVICES			
Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
BH	Pulse Jet Baghouse	1972	PM, PM ₁₀ , PM _{2.5}
BV	Bin Vent Baghouse	1992	PM, PM ₁₀ , PM _{2.5}

E - FACILITY EXEMPT EQUIPMENT			
Equipment ID	Source Description	Installation Date	Basis
AAT	2,000 gallon Asphalt Additive Storage Tank	1982	SC Regulation 61-62.1, Section II(B)(2)(h)
LAT-1	30,000 gallon liquid asphalt Storage Tank No.1	1975	SC Regulation 61-62.1, Section II(B)(2)(h)
LAT-2	30,000 gallon liquid asphalt Storage Tank No.2	1975	SC Regulation 61-62.1, Section II(B)(2)(h)
FOT-1	20,000 gallon No.2 Fuel Oil Storage Tank	1995	Air Permitting Exemption List
FOT-2	20,000 gallon No.5 Recycled Fuel Oil Storage Tank	2006	Air Permitting Exemption List

ATTACHMENT B

MODELED EMISSION RATES The Lane Construction Company – Rock Hill Asphalt Plant GCM-9900-0033 Page 1 of 3

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
Baghouse Exhaust-EP01A	6.75	-	22.00	30.0	100.00	-	-
Hot Oil Heater Exhaust EP01B1	0.007	-	--	0.072	0.018	-	-
Hot Oil Heater Exhaust-EP0182	0.007	-	--	0.072	0.018	-	-
Hot Oil heater emissions-EP0B2	0.008	-	1.014	0.100	0.084	-	-

STANDARD NO.7 - MODELED PSD CLASS II INCREMENT EMISSION RATES (lb/hr)			
STACK ID	Minor Source Baseline Date(s)		
	12/01/1981	12/01/1981	04/05/2001
	PM ₁₀	SO ₂	NO _x
Hot Oil heater emissions-EP0B2	--	1.014	--

STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)				
STACK ID	Beryllium	Cadmium	Formaldehyde	Nickel
	744-04-17	744-04-39	50-00-0	744-00-20
EP01A-Dryer Baghouse Exhaust	0.000	0.000	0.185	0.001
EP01C1	-	-	0.0105	-
EP01C2	-	-	0.00045	-
EP01D1	-	-	0.0105	-
EP01D2	-	-	0.00045	-

ATTACHMENT B

MODELED EMISSION RATES The Lane Construction Company – Rock Hill Asphalt Plant GCM-9900-0033 Page 2 of 3

STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)		
STACK ID	POM	Quinone
	-	106514
EP01A-Dryer Baghouse Exhaust	0.028	0.0675
EP01C1	0.0036	-
EP01C2	0.0025	-
EP01D1	0.0036	-
EP01D2	0.0025	-

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	1.92	21.600	Y
Benzene	71-43-2	1.68	1.800	Y
Ethylbenzene	100-41-4	13.2	52.200	Y
Formaldehyde	50-00-0	4.44	0.180	N
Quinone	106-51-4	1.62	0.024	N
Toluene	108-88-3	6.00	24.000	Y
Xylene	1330-20-7	16.2	52.200	Y
2-Methylnaphthalene	91-57-6	0.427	-	
Acenaphthene	83-32-9	0.005	-	
Acenaphthylene	208-96-8	0.083	-	
Anthracene	120-12-7	0.000	-	
Benzo(a)anthracene	56-55-3	0.000	-	
Benzo(a)pyrene	50-32-8	0.000	-	
Benzo(b)fluoranthene	205-99-2	0.000	-	
Benzo(g,h,i)perylene	191-24-2	0.000	-	

ATTACHMENT B

MODELED EMISSION RATES
The Lane Construction Company – Rock Hill Asphalt Plant
GCM-9900-0033
Page 3 of 3

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)
Benzo(k)fluoranthene	207-08-9	0.000	-	
Chrysene	218-01-9	0.000	-	
Dibenz(a,h)anthracene	53-70-3	0.000	-	
Fluoranthene	206-44-0	0.001	-	
Fluorene	86-73-7	0.010	-	
Indeno(1,2,3-cd)pyrene	193-39-5	0.000	-	
Naphthalene	91-20-3	0.216	15.000	Y
Phenanthrene	85-01-8	0.016	-	
Pyrene	129-00-0	0.000	-	