



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

August 5, 2013

C.B. Godley Jr.
Carben Asphalt Inc.
500 A Frontage Rd.
Gaston, SC 29053

RE: Notice of Permit Coverage
Carben Asphalt Inc.
Permit Number: 9900-0447

Dear Mr. Godley:

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: 9900-0447
ec: Tim Pearson, BEHS

ATTACHMENT A

FACILITY INFORMATION

Carben Asphalt, Inc.

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A - APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 155 Industrial Blvd.
CITY, STATE, ZIP FACILITY IS LOCATED IN: Gaston, SC 29053
COUNTY FACILITY IS LOCATED IN: Calhoun

C - FACILITY EQUIPMENT			
Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID
AP	300 tph Drum Mix Asphalt Plant (40CFR60 Subpart I Applicable)	2004	BH
DB	200E+06 Btu/hr Asphalt Plant Dryer Burner No.2 Fuel Oil (Maximum Sulfur Content 0.5%) and Recycled No.4 Fuel Oil (Maximum Sulfur Content 1.5%) as Burner fuels	2004	BH
LS	Lime Silo	2004	BV

D - FACILITY CONTROL DEVICES			
Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
BH	Pulse Jet Baghouse	2004	PM, PM ₁₀ , PM _{2.5}
BV	Bin Vent Baghouse	2004	PM, PM ₁₀ , PM _{2.5}

E - FACILITY EXEMPT EQUIPMENT			
Equipment ID	Source Description	Installation Date	Basis
LAT-1	20,000 gallon Liquid Asphalt Tank No.1	2004	SC Regulation 61-62.1, Section II(B)(2)(h)
LAT-2	20,000 gallon Liquid Asphalt Tank No.2	2004	SC Regulation 61-62.1, Section II(B)(2)(h)
FOT	10,000 gallon No.2 Fuel Oil Tank	2004	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 NAAQS EMISSION RATES (lb/hr)					
STACK ID	PM₁₀	PM_{2.5}	SO₂	NO₂	CO
Stack #1 Havens Baghouse	6.900	--	17.400	16.500	39.000

STANDARD NO.7 - MODELED PSD CLASS II INCREMENT EMISSION RATES (lb/hr)			
STACK ID	Minor Source Baseline Dates		
	03/20/2000	05/23/1996	05/23/1996
	PM₁₀	SO₂	NO_x
Stack #1 Havens Baghouse	6.900	17.400	16.500

STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)				
STACK ID	Acrolin 107-02-8	Benzene 71-43-2	Formaldehyde 50-00-0	Mercury 7439-97-6
Loadout & HMA Storage Silo Loading	--	1.182E-03	2.632E-02	--
Stack #1 Havens Baghouse	7.80E-03	1.17E-01	9.30E-01	7.80E-04

STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)			
STACK ID	Nickel 7440-02-0	Polycyclic Organic Matter NA	Quinone 106-51-4
Loadout & HMA Storage Silo Loading	--	0.01476	--
Stack #1 Havens Baghouse	0.0189	0.26544	0.04800

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MODELED EMISSION RATES

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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)
Acetaldehyde	75-07-0	9.360	21.600	Y
Arsenic	744-038-2	0.004	0.012	Y
Cadmium	744-043-9	0.003	0.003	Y
Carbon Disulfide	75-15-0	0.018	1.800	Y
Chromium (+6) Compounds	NA	0.003	0.030	Y
Cobalt Compounds	NA	0.000	0.003	Y
Cumene	98-82-8	0.033	0.108	Y
Ethyl Chloride	75-00-3	0.004	316.800	Y
Ethylbenzene	100-41-4	1.845	52.200	Y
Hexane	110-54-3	6.757	10.800	Y
Hydrochloric Acid	7647-01-0	1.512	2.100	Y
Manganese	743-996-5	0.055	0.300	Y
Methyl Ethyl Ketone	78-93-3	0.193	177.000	Y
Methyl Bromide	74-83-9	0.007	1.200	Y
Methyl Chloride	74-87-3	0.025	6.180	Y
Methyl chloroform	71-55-6	0.346	114.600	Y
Methylene Chloride	75-09-2	0.000	105.000	Y
Naphthalene	91-20-3	4.744	15.000	Y
Phenol	108-95-2	0.029	2.280	Y
Propionaldehyde	123-38-6	0.936	+	Y
Selenium	778-249-2	0.003	0.012	Y
Styrene	100-42-5	0.007	63.900	Y
2,3,7,8-Tetrachlorodibenzo-p-dioxin [Tetrachlorinated Dibenzo-p-dioxins]	1746-01-6	0.000	0.000	Y

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MODELED EMISSION RATES

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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)
Tetrachloroethylene [Perchloroethylene]	127-18-4	0.002	40.200	Y
2,2,4-Trimethylpentane	540-84-1	0.289	105.000	Y
Toluene	108-88-3	20.997	24.000	Y
o-Xylene	95-47-6	0.074	52.200	Y
Xylene	1330-20-7	1.738	52.200	Y