



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

August 5, 2013

Mr. Collin Douglass
Sloan Construction Company, A Division of Reeves Construction Company
101 Sheraton Ct.
Macon, GA 31210

RE: Notice of Permit Coverage
Sloan Construction Company, Inc. - Blacksburg Plant
Permit Number 9900-0375

Dear Mr. Douglass:

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: 9900-0375
ec: Bill Williamson, BEHS

ATTACHMENT A

FACILITY INFORMATION Sloan Construction Company, Inc. - Blacksburg Plant GCM-9900-0375 Page 1 of 2

A - COVERAGE DATE: August 5, 2013

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 493 Quarry Rd.
CITY, STATE, ZIP FACILITY IS LOCATED IN: Blacksburg, SC 29702
COUNTY FACILITY IS LOCATED IN: Cherokee

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)	2008	BH
DB	91.5E+06 Btu/hr Asphalt Plant Dryer Burner Natural Gas, No.2 Fuel Oil (Maximum Sulfur Content 0.5%), No.4 Fuel Oil, (Maximum Sulfur Content 1.5%) Recycled No.4 Fuel Oil (Maximum Sulfur Content 1.5%) and No.4 Biodiesel (Maximum Sulfur Content 1.5%) as burner Fuels	2008	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
HOH	1.0E+06 Btu/hr Hot Oil Heater No.2 Fuel Oil (Maximum Sulfur Content 0.5%) as fuel	2004	SC Regulation 61-62.1, Section II(B)(2)(h)
LAT-1	30,000 gallon Liquid Asphalt Tank No.1	2001	SC Regulation 61-62.1, Section II(B)(2)(h)
LAT-2	30,000 gallon Liquid Asphalt Tank No.2	2001	SC Regulation 61-62.1, Section II(B)(2)(h)
FOT-1	15,000 gallon No.4 Fuel Oil Tank	N/A	Air Permitting Exemption List
FOT-2	5,000 gallon No.2 Fuel Oil Tank	N/A	Air Permitting Exemption List

ATTACHMENT B

**MODELED EMISSION RATES
Sloan Construction Company, Inc. - Blacksburg Plant
GCM-9900-0375
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	PM₁₀	PM_{2.5}	SO₂	NO_x	CO	Lead	HF
EP01-GENCOR Dryer Baghouse Exhaust	6.9	--	17.4	16.5	39.00	--	--

STANDARD NO.7 - MODELED PSD CLASS II INCREMENT EMISSION RATES (lb/hr)				
STACK ID	Minor Source Baseline Date(s)			
	6/18/1999	--	06/18/1999	06/18/1999
	PM₁₀	PM_{2.5}	SO₂	NO_x
EP01-GENCOR Dryer Baghouse Exhaust	6.9	--	17.4	16.5

STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)				
STACK ID	Acrolein	Benzene	Formaldehyde	Mercury
	107-02-8	71-43-2	50-00-0	7439-97-6
EP01	0.00779	0.11883	0.95633	0.00079

STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)				
STACK ID	Nickel	POM	Propionaldehyde	Quinone
	7440-02-0	N/A	123-38-6	106-51-4
EP01	0.018917	0.28021	0.039	0.048

ATTACHMENT B

MODELED EMISSION RATES Sloan Construction Company, Inc. - Blacksburg Plant GCM-9900-0375 Page 2 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)
Acetaldehyde	75-07-0	9.360	21.600	Y
Arsenic	7440-38-2	0.004	0.012	Y
Cadmium	7440-43-9	0.003	0.003	Y
Carbon Disulfide	75-15-0	0.018	1.800	Y
Chromium(+6) Compounds	+	0.003	0.030	Y
Cobalt Compounds	+	0.000	0.003	Y
Cumene	98-82-8	0.033	0.108	Y
Ethyl Benzene	100-41-4	1.845	52.200	Y
Ethyl Chloride	75-00-3	0.004	316.800	Y
Hexane	110-54-3	6.757	10.800	Y
Hydrochloric Acid	7647-01-0	1.512	2.100	Y
Manganese Compounds	+	0.055	0.300	Y
Methyl Bromide	74-83-9	0.007	1.200	Y
Methyl Chloride	74-87-3	0.025	6.180	Y
Methyl Chloroform (1,1,1-Trichloroethane)	71-55-6	0.346	114.600	Y
Methyl Ethyl Ketone (2-Butone)	78-93-3	0.193	177.000	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
Selenium Compounds	+	0.003	0.012	Y
Styrene	100-42-5	0.007	63.900	Y
Tetrachlorinated Dibenzo-p-dioxins	1746-01-6	0.000	0.000	Y
Tetrachloroethylene	127-18-4	0.002	40.200	Y

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MODELED EMISSION RATES
Sloan Construction Company, Inc. - Blacksburg Plant
GCM-9900-0375
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)
Toluene	108-88-3	20.997	24.000	Y
2,2,4-Trimethylpentane	540-84-1	0.289	105.000	Y
Xylene	1330-20-7	1.738	52.200	Y
o-Xylene	95-47-6	0.074	52.200	Y