



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. - Duncan Plant
Permit Number 9900-0115

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: 9900-0115
ec: Johnny Hall, BEHS

ATTACHMENT A

FACILITY INFORMATION
Sloan Construction Company, Inc. – Duncan Plant
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A - APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 235 Plemmons Rd.
 CITY, STATE, ZIP FACILITY IS LOCATED IN: Duncan, SC 29334
 COUNTY FACILITY IS LOCATED IN: Spartanburg

C - FACILITY EQUIPMENT			
Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID
AP	400 tph Drum Mix Asphalt Plant (40CFR60 Subpart I Applicable)	1998	BH
DB	117E+06 Btu/hr Asphalt Plant Dryer Burner Natural Gas, No.2 Fuel Oil (Maximum Sulfur Content 0.5%), No.4 Recycled Fuel Oil (Maximum Sulfur Content 1.5%) and Barometric Oil as Burner Fuels	1998	BH
LS	Lime Silo	1994	BV

D - FACILITY CONTROL DEVICES			
Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
BH	Pulse Jet Baghouse	1998	PM, PM ₁₀ , PM _{2.5}
BV	Bin Vent Baghouse	1994	PM, PM ₁₀ , PM _{2.5}

E - FACILITY EXEMPT EQUIPMENT			
Equipment ID	Source Description	Installation Date	Basis
FOT-1	10,000 gallon No.2 Fuel Oil Storage Tank	2002	Air Permitting Exemption List
FOT-2	30,000 gallon Recycled No.4 Fuel Oil Storage Tank	2007	Air Permitting Exemption List
LAT-1	30,000 gallon Liquid Asphalt Storage Tank	2007	SC Regulation 61-62.1, Section II(B)(2)(h)
LAT-2	30,000 gallon Liquid Asphalt Storage Tank	2007	SC Regulation 61-62.1, Section II(B)(2)(h)
LAT-3	20,000 gallon Liquid Asphalt Storage Tank	2007	SC Regulation 61-62.1, Section II(B)(2)(h)
RAPS	120 tph Recycled Asphalt Pavement System	2007	SC Regulation 61-62.1, Section II(B)(2)(h)
HOH	1.2E+06 Btu/hr Hot Oil Heater No.2 Fuel Oil (Maximum Sulfur Content 0.5%) as Fuel	2007	SC Regulation 61-62.1, Section II(B)(2)(h)

ATTACHMENT B

**MODELED EMISSION RATES
Sloan Construction Company, Inc. – Duncan 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	PM₁₀	PM_{2.5}	SO₂	NO_x	CO	Lead	HF
Hot Mix Asphalt Plant (Baghouse Exhaust)	9.20	1.16	23.2	22.00	52.00	--	--

STANDARD NO. 7 - MODELED PSD CLASS II INCREMENT EMISSION RATES (lb/hr)				
STACK ID	Minor Source Baseline Date(s)			
	12/21/92	None	None	12/21/92
	PM₁₀	PM_{2.5}	SO₂	NO_x
Hot Mix Asphalt Plant (Baghouse Exhaust)	9.20	--	--	22.00

STANDARD NO. 8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)				
STACK ID	Acrolein	Benzene	Cadmium	Formaldehyde
	107-02-8	71-43-2	744-043-9	50-00-0
Drum Hot Mix Asphalt Production	1.04E-02	1.58E-01	1.64E-04	1.28E+00

STANDARD NO. 8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)				
STACK ID	Mercury	Nickel	POMs Totals	Propionaldehyde
	743-997-6	744-002-0	N/A	123-38-6
Drum Hot Mix Asphalt Production	1.04E-03	2.52E-02	3.74E-01	3.90E-02

STANDARD NO. 8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)		
STACK ID	Quinone	Toluene
	106-51-4	108-88-3
Drum Hot Mix Asphalt Production	6.40E-02	1.1665

ATTACHMENT B

MODELED EMISSION RATES Sloan Construction Company, Inc. – Duncan Plant GCM-9900-0115 Page 2 of 2

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	12.480	21.600	Y
Arsenic	744-038-2	0.005	0.012	Y
Carbon Disulfide	75-15-0	0.024	1.800	Y
Cobalt	744-048-4	0.000	0.003	Y
Cumene	98-82-8	0.044	0.108	Y
Ethyl Chloride	75-00-3	0.005	316.800	Y
Ethylbenzene	100-41-4	2.460	52.200	Y
Hexane	110-54-3	9.009	10.800	Y
Hexavalent chromium	1854-029-9	0.004	0.030	Y
Hydrochloric Acid	7467-01-0	2.016	2.100	Y
Manganese	743-996-5	0.074	0.300	Y
MEK	78-93-3	0.257	177.000	Y
Methyl Bromide	74-83-9	0.010	1.200	Y
Methyl Chloride	74-87-3	0.033	6.180	Y
Methyl chloroform	71-55-6	0.461	114.600	Y
Methylene Chloride	75-09-2	0.000	105.00	Y
Naphthalene	91-20-3	6.325	15.000	Y
Phenol	108-95-2	0.039	2.280	Y
Selenium	778-249-2	0.003	0.012	Y
Styrene	100-42-5	0.009	63.900	Y
2, 3, 7, 8-Tetrachlorinated Dibenzo-p-dioxins	1746-01-6	0.000	0.000	Y
Tetrachloroethene	127-18-4	0.003	40.200	Y
2,2,4-Trimethylpentane	540-84-1	0.385	105.000	Y
o-Xylene	95-47-6	0.099	52.200	Y
Xylene	1330-20-7	2.318	52.200	Y