ATTACHMENT - FACILITY INFORMATION

Sloan Construction Company, Inc. - Columbia Plant
GCM-9900-0055
Page 1 of 2

APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

FACILITY PHYSICAL ADDRESS

STREET ADDRESS: 630 Rosewood Drive
CITY, STATE, ZIP: Columbia, SC 29201
COUNTY: Richland

ASPHALT PLANT INFORMATION **40 CFR 60, SUBPART I APPLICABLE**

Equipment ID	Equipment Description	Installation / Modification Date	Control Device ID
AP	400 TPH Drum Mix Asphalt Plant	2005	BH
DB	100 million BTU/hr Dryer Burner	2005	BH
LS	Lime Silo	1995	BV
HOH	2.0 million BTU/hr Hot Oil Heater	2005	None

FUEL FIRED SOURCES

Equipment ID	Equipment Description	Fuels	Maximum Sulfur Content (%)
DB	100 million BTU/hr Dryer Burner	Natural Gas	N/A
		No. 2 Fuel Oil	0.5
		No. 4 Fuel Oil	1.5
		No. 4 Recycled Fuel Oil	1.5
HOH	2.0 million BTU/hr Hot Oil Heater	Natural Gas	N/A
		No. 2 Fuel Oil	0.5

CONTROL DEVICES

Control Device ID	Control Device Description	Installation / Modification Date	Pollutants Controlled
BH	Pulse Jet Baghouse	2005	PM, PM_{10}, $PM_{2.5}$
BV	Bin Vent Baghouse	1995	PM, PM_{10}, $PM_{2.5}$

TANKS

Tank ID	Tank Description	Capacity (Gallons)	Installation Date
AST-1	Asphalt Cement Tank	30,000	2006
AST-2	Asphalt Cement Tank	30,000	2006
FOT-1	No. 2 Fuel Oil Storage Tank	10,000	2006
FOT-2	No. 4 Fuel Oil Storage Tank	20,000	2006

ATTACHMENT - FACILITY INFORMATION

Sloan Construction Company, Inc. - Columbia Plant
GCM-9900-0055
Page 2 of 2

OTHER EQUIPMENT

Equipment ID	Equipment Description	Installation / Modification Date	Control Device Description
RAPS	Recycled Asphalt Pavement System (2 bins, 2 conveyor belts, and 1 screen)	2006	None

FACILITY SPECIFIC CONDITIONS - RESERVED

RECORD OF REVISIONS	
Revision Date	**Description of Change**
03-13-2015	Update facility specific attachments

ATTACHMENT - EMISSION RATES FOR AMBIENT AIR STANDARDS

Sloan Construction Company, Inc. - Columbia Plant
GCM-9900-0055
Page 1 of 2

The emission rates listed herein are not considered 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 (see Ambient Air Standards Requirements).

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2							
Emission Point ID	**Emission Rates (lbs/hr)**						
	PM_{10}	**$PM_{2.5}$**	**SO_2**	**NO_x**	**CO**	**Lead**	**HF**
Baghouse	56.06	1.16	66.80	22.29	53.05	---	---
Oil Heater	---	---	1.2	---	---	---	---

TOXIC AIR POLLUTANTS - STANDARD NO. 8					
Emission Point ID	**Emission Rates (lbs/hr)**				
	Acrolein 107-02-7	**Benzene 71-43-2**	**Cadmium 744-03-9**	**Formaldehyde 50-00-0**	**Mercury 743-997-6**
Drum/asphalt/baghouse	0.010	0.158	1.6E-04	1.275	0.001

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Emission Point ID	**Emission Rates (lbs/hr)**	
	Propionaldehyde 123-38-6	**Quinone 106-51-4**
Drum/asphalt/baghouse	0.052	0.064

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Pollutant	**CAS #**	**Facility Wide Emission Rates (lbs/day)**
Acetaldehyde	75-07-0	12.480
Acrolein	107-02-7	0.250
Arsenic	744-038-2	0.005
Benzene	71-43-2	3.802
Cadmium	744-03-9	0.004
Carbon disulfide	75-15-0	0.024
Cobalt	744-048-4	0.000
Cumene	98-82-8	0.044
Ethyl Chloride	75-00-3	0.005
Ethylbenzene	100-41-4	2.460
Formaldehyde	50-00-0	30.602
Hexane	110-54-3	9.009
Hexavalent Chromium	1854-029-9	0.004
Hydrochloric	7467-01-0	2.016
Manganese	743-996-5	0.074
MEK	78-93-3	0.257
Mercury	743-997-6	0.025
Methyl Bromide	74-83-9	0.010
Methyl chloroide	74-87-3	0.033

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Sloan Construction Company, Inc. - Columbia Plant
GCM-9900-0055
Page 2 of 2

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Pollutant	**CAS #**	**Facility Wide Emission Rates (lbs/day)**
Methyl chloroform	71-55-6	0.461
Methylene Chloride	75-09-2	0.000
Naphthalene	91-20-3	6.325
Nickel	744-002-0	0.605
o-Xylene	95-47-6	0.099
Phenol	108-95-2	0.039
Propionaldehyde	123-38-6	1.248
Quinone	106-51-4	1.536
Selenium	778-249-2	0.003
Styrene	100-42-5	0.009
Tetrachloroethene	127-18-4	0.003
Toluene	108-88-3	27.996
Xylene	1330-20-7	2.318