

ATTACHMENT - FACILITY INFORMATION

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

APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

FACILITY PHYSICAL ADDRESS

STREET ADDRESS: 493 Quarry Road
CITY, STATE, ZIP: Blacksburg, SC 29702
COUNTY: Cherokee

ASPHALT PLANT INFORMATION

40 CFR 60, SUBPART I APPLICABLE

Equipment ID	Equipment Description	Installation / Modification Date	Control Device ID
AP	300 TPH Drum Mix Asphalt Plant	2008	BH
DB	91.5 million BTU/hr Dryer Burner	2008	BH
LS	Lime Silo	2004	BV
HOH	1.0 million BTU/hr Hot Oil Heater	2004	None

FUEL FIRED SOURCES

Equipment ID	Equipment Description	Fuels	Maximum Sulfur Content (%)
DB	91.5 million BTU/hr Dryer Burner	Natural Gas	N/A
		No. 2 Fuel Oil	0.5
		No. 4 Fuel Oil	1.5
		Recycled No. 4 Fuel Oil	1.5
		No. 4 Biodiesel	1.5
HOH	1.0 million BTU/hr Hot Oil Heater	No. 2 Fuel Oil	0.5

CONTROL DEVICES

Control Device ID	Control Device Description	Installation / Modification Date	Pollutants Controlled
BH	Pulse Jet Baghouse	2004	PM, PM ₁₀ , PM _{2.5}
BV	Bin Vent Baghouse	2004	PM, PM ₁₀ , PM _{2.5}

TANKS

Tank ID	Tank Description	Capacity (Gallons)	Installation Date
FOT-1	No. 4 Fuel Oil Tank	15,000	N/A
FOT-2	No. 2 Fuel Oil Tank	5,000	N/A
LAT-1	Liquid Asphalt Tank No. 1	30,000	2001
LAT-2	Liquid Asphalt Tank No. 2	30,000	2001

OTHER EQUIPMENT - RESERVED

FACILITY SPECIFIC CONDITIONS - RESERVED

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**Sloan Construction Company, Inc. – Blacksburg Plant
GCM-9900-0375
Page 2 of 2**

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. – Blacksburg Plant GCM-9900-0375 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
EP01-GENCOR Dryer Baghouse Exhaust	6.9	--	17.4	16.5	39.00	--	--

TOXIC AIR POLLUTANTS - STANDARD NO. 8						
Emission Point ID	Emission Rates (lbs/hr)					
	Acrolein 107-02-8	Benzene 71-43-2	Formaldehyde 50-00-0	Mercury 7439-97-6	Nickel 7440-02-0	POM
EP01	0.00779	0.11883	0.95633	0.00079	0.018917	0.28021

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Emission Point ID	Emission Rates (lbs/hr)	
	Propionaldehyde 123-38-6	Quinone 106-51-4
EP01	0.039	0.048

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Pollutant	CAS #	Facility Wide Emission Rates (lbs/day)
Acetaldehyde	75-07-0	9.360
Arsenic	7440-38-2	0.004
Cadmium	7440-43-9	0.003
Carbon Disulfide	75-15-0	0.018
Chromium(+6) Compounds	+	0.003
Cobalt Compounds	+	0.000
Cumene	98-82-8	0.033
Ethyl Benzene	100-41-4	1.845
Ethyl Chloride	75-00-3	0.004
Hexane	110-54-3	6.757
Hydrochloric Acid	7647-01-0	1.512
Manganese Compounds	+	0.055
Methyl Bromide	74-83-9	0.007
Methyl Chloride	74-87-3	0.025
Methyl Chloroform (1,1,1-Trichloroethane)	71-55-6	0.346
Methyl Ethyl Ketone (2-Butone)	78-93-3	0.193
Methylene Chloride	75-09-2	0.000

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Sloan Construction Company, Inc. – Blacksburg Plant

GCM-9900-0375

Page 2 of 2

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Pollutant	CAS #	Facility Wide Emission Rates (lbs/day)
Naphthalene	91-20-3	4.744
Phenol	108-95-2	0.029
Selenium Compounds	+	0.003
Styrene	100-42-5	0.007
Tetrachlorinated Dibenzo-p-dioxins	1746-01-6	0.000
Tetrachloroethylene	127-18-4	0.002
Toluene	108-88-3	20.997
2,2,4-Trimethylpentane	540-84-1	0.289
Xylene	1330-20-7	1.738
o-Xylene	95-47-6	0.074