

ATTACHMENT - FACILITY INFORMATION

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APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

FACILITY PHYSICAL ADDRESS

STREET ADDRESS: 101 Mellichamp Rd. Hwy. 78 W
CITY, STATE, ZIP: Summerville, SC 29483
COUNTY: Dorchester

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	2005	BV
HOH	1.2 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
		Waste Oil	0.5
HOH	1.2 million BTU/hr Hot Oil Heater	Natural Gas	N/A
		No. 2 Fuel Oil	0.5
		Waste 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	2005	PM, PM ₁₀ , PM _{2.5}

TANKS

Tank ID	Tank Description	Capacity (Gallons)	Installation Date
LAT	Liquid Asphalt Tank	30,000	2005

OTHER EQUIPMENT - RESERVED

FACILITY SPECIFIC CONDITIONS - RESERVED

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RECORD OF REVISIONS	
Revision Date	Description of Change
12-04-2013	Added production limit based on the September 27, 2013 performance test
03-13-2015	Update facility specific attachments

ATTACHMENT - EMISSION RATES FOR AMBIENT AIR STANDARDS

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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)						
	PM₁₀	PM_{2.5}	SO₂	NO_x	CO	Lead	HF
ASPH1	5.698	0.718	23.20	22.00	52.00	6.00E-03	---

TOXIC AIR POLLUTANTS - STANDARD NO. 8			
Emission Point ID	Emission Rates (lbs/hr)		
	Acrolein 107-02-8	Benzene 71-43-2	Cadmium 7440-43-9
ASPH1	1.04E-02	1.58E-01	1.64E-04

TOXIC AIR POLLUTANTS - STANDARD NO. 8			
Emission Point ID	Emission Rates (lbs/hr)		
	Formaldehyde 50-00-0	Mercury 7439-97-6	Nickel 7440-02-0
ASPH1	1.28	1.04E-03	2.52E-02

TOXIC AIR POLLUTANTS - STANDARD NO. 8			
Emission Point ID	Emission Rates (lbs/hr)		
	Propionaldehyde 123-38-6	Quinone 106-51-4	Toluene 108-88-3
ASPH1	5.20E-02	6.40E-02	1.64E-04