

ATTACHMENT - FACILITY INFORMATION

**F & R Asphalt, Inc. – Gray Court
GCM-9900-0421
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APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

FACILITY PHYSICAL ADDRESS

STREET ADDRESS: 1900 Quarry Road
CITY, STATE, ZIP: Gray Court, SC 29645
COUNTY: Laurens

ASPHALT PLANT INFORMATION

40 CFR 60, SUBPART I APPLICABLE

Equipment ID	Equipment Description	Installation / Modification Date	Control Device ID
AP	250 TPH Drum Mix Asphalt Plant	2003	BH
DB	72 million BTU/hr Dryer Burner	2003	BH
LS	Lime Silo	2003	BV
HOH	828,000 BTU/hr Hot Oil Heater	2003	None

FUEL FIRED SOURCES

Equipment ID	Equipment Description	Fuels	Maximum Sulfur Content (%)
DB	72 million BTU/hr Dryer Burner	Natural Gas	N/A
		No. 2 Fuel Oil	0.5
		No. 4 Recycled Fuel Oil	1.5
HOH	878,000 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	2003	PM, PM ₁₀ , PM _{2.5}
BV	Bin Vent Baghouse	2003	PM, PM ₁₀ , PM _{2.5}

TANKS

Tank ID	Tank Description	Capacity (Gallons)	Installation Date
FOT	No. 2 Fuel Oil Tank	10,000	2003
LAT	Liquid Asphalt Tank	30,000	2003

OTHER EQUIPMENT - RESERVED

FACILITY SPECIFIC CONDITIONS - RESERVED

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RECORD OF REVISIONS	
Revision Date	Description of Change
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)						
	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	Lead	HF
EP01	5.74	0.725	14.49	13.75	32.500	---	---

TOXIC AIR POLLUTANTS - STANDARD NO. 8						
Emission Point ID	Emission Rates (lbs/hr)					
	Acrolein 107028	Benzene 71432	Formaldehyde 50000	Mercury 7440976	Nickel 7440020	POM varies
EP01	0.0065	0.097	0.775	0.00065	0.01575	0.2212
EP02A	---	0.0004	0.01051	---	---	0.0036
EP02B	---	0.0002	0.0004	---	---	0.0002
EP03A	---	0.000487	0.01051	---	---	0.00036
EP03B	---	0.00027	0.000457	---	---	0.0025

TOXIC AIR POLLUTANTS - STANDARD NO. 8			
Emission Point ID	Emission Rates (lbs/hr)		
	Propionaldehyde 123386	Quinone 106514	
EP01	0.0325	0.04	
EP02A	---	--	
EP02B	---	--	
EP03A	---	---	
EP03B	---	---	

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Pollutant	CAS #	Facility Wide Emission Rates (lbs/day)
Acetaldehyde	75-07-0	7.8
Arsenic	7440-38-2	0.007
Cadmium	7440-43-9	0.0002
Cobalt	-	0.00016
Ethylbenzene	100-41-4	1.44
Hexane	110-54-3	5.52
HCL	7647-01-0	1.26
MEK	78-93-3	0.12
Methyl Chloroform	71-55-6	0.288
Naphthalene	91-20-3	3.88
Selenium	-	0.0021
Toluene	108-88-3	17.4
Xylene	1330-20-7	1.2