

## ATTACHMENT - FACILITY INFORMATION

**Southern Asphalt, Inc.**

**GCM-9900-0474**

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### APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

### FACILITY PHYSICAL ADDRESS

STREET ADDRESS: 2514 Troy Atkinson Road  
 CITY, STATE, ZIP: Marion, SC 29574  
 COUNTY: Marion

### ASPHALT PLANT INFORMATION

40 CFR 60, SUBPART I APPLICABLE

Equipment ID	Equipment Description	Installation / Modification Date	Control Device ID
AP	225 TPH Drum Mix Asphalt Plant	2006	BH
DB	75 million BTU/hr Dryer Burner	2006	BH
LS	Lime Silo	2006	BV
HOH	1.41 million BTU/hr Hot Oil Heater	2006	None

### FUEL FIRED SOURCES

Equipment ID	Equipment Description	Fuels	Maximum Sulfur Content (%)
DB	75 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
HOH	1.41 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	2006	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
BV	Bin Vent Baghouse	2006	PM, PM <sub>10</sub> , PM <sub>2.5</sub>

### TANKS

Tank ID	Tank Description	Capacity (Gallons)	Installation Date
FOT	No. 2 Fuel Oil Storage Tank	15,000	2006
LAT	Liquid Asphalt Tank	25,000	2006
ODT	Off-Road Diesel Fuel Storage Tank	1,000	2006
TT	Tack Trailer	3,000	2006

### OTHER EQUIPMENT - RESERVED

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**FACILITY SPECIFIC CONDITIONS - RESERVED**

<b>RECORD OF REVISIONS</b>	
<b>Revision Date</b>	<b>Description of Change</b>
03-13-2015	Update facility specific attachments
01-12-2016	Updated physical address

**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).

<b>AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2</b>							
<b>Emission Point ID</b>	<b>Emission Rates (lbs/hr)</b>						
	<b>PM<sub>10</sub></b>	<b>PM<sub>2.5</sub></b>	<b>SO<sub>2</sub></b>	<b>NO<sub>x</sub></b>	<b>CO</b>	<b>Lead</b>	<b>HF</b>
EP01-Production Line	5.18	--	13.05	12.381	29.251	--	--

<b>TOXIC AIR POLLUTANTS - STANDARD NO. 8</b>				
<b>Emission Point ID</b>	<b>Emission Rates (lbs/hr)</b>			
	<b>Acrolein 107-02-8</b>	<b>Benzene 71-43-2</b>	<b>Formaldehyde 50-00-0</b>	<b>Mercury 7439-97-6</b>
EP01	5.85E-03	8.78E-02	0.698	5.85E-04
EP04A	--	8.77E-04	1.89E-02	---
EP04B	--	4.87E-04	8.23E-04	---

<b>TOXIC AIR POLLUTANTS - STANDARD NO. 8</b>				
<b>Emission Point ID</b>	<b>Emission Rates (lbs/hr)</b>			
	<b>Nickel 7440-02-0</b>	<b>POM</b>	<b>Propionaldehyde 123-38-6</b>	<b>Quinone 106-51-4</b>
EP01	1.41E-02	0.199	0.029	0.036
EP04A	--	6.52E-03	--	--
EP04B	--	4.55E-03	--	--

<b>TOXIC AIR POLLUTANTS - STANDARD NO. 8</b>		
<b>Pollutant</b>	<b>CAS #</b>	<b>Facility Wide Emission Rates (lbs/day)</b>
Acetaldehyde	75-07-0	7.020
Arsenic	7440-38-2	0.003
Cadmium	7440-43-9	0.002
Carbon Disulfide	75-15-0	0.013
Chromium (+6) Compounds	N/A	0.002
Cumene	98-82-8	0.025
Ethyl Benzene	100-41-4	1.384
Ethyl Chloride	75-00-3	0.003
Hexane	110-54-3	5.037
Hydrochloric Acid	7647-01-0	1.134
Manganese Compounds	N/A	0.042
Methyl Ethyl Ketone	78-93-3	0.145
Methyl Bromide	74-83-9	0.005
Methyl Chloride	74-87-3	0.019
Methyl Chloroform	71-55-6	0.259
Naphthalene	91-20-3	3.558

**ATTACHMENT - EMISSION RATES FOR AMBIENT AIR STANDARDS**

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<b>TOXIC AIR POLLUTANTS - STANDARD NO. 8</b>		
<b>Pollutant</b>	<b>CAS #</b>	<b>Facility Wide Emission Rates (lbs/day)</b>
Phenol	108-95-2	0.022
Selenium Compounds	N/A	0.002
Styrene	100-42-5	0.005
Tetrachloroethylene	127-18-4	0.002
Toluene	108-88-3	15.748
2,2,4-Trimethylpentane	540-84-1	0.217
Xylene (isomers and mixture)	1330-20-7	1.304
o-Xylene	95-47-6	0.055