



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

August 5, 2013

Shawn Godwin
Palmetto Paving Corporation
P.O. Box 346
Conway, SC 29528

RE: Notice of Permit Coverage
Palmetto Paving Corporation - Florence Plant
Permit Number: 9900-0337

Dear Mr. Godwin:

The Department has renewed the Bureau of Air Quality's General Conditional Major Operating Permit for Asphalt Plants ("General Permit"). The renewed permit was issued on July 15, 2013 and will be valid through June 30, 2018. This permit supersedes any previous construction and/or operating permit issued to your facility. Your facility's coverage under the terms and conditions of this permit begins on August 5, 2013.

A copy of the General Permit and your facility's attachment(s) are enclosed with this letter. It is your responsibility to comply with all the requirements of this General Permit. The Department may conduct periodic inspections of your facility to determine compliance with the requirements of the General Permit. Any violations found during these inspections may result in an enforcement action. Therefore, it is incumbent upon you to ensure you are in compliance with the General Permit at all times. It is important for you to read this issued permit carefully and to understand all requirements. If any errors or emissions are found, immediately notify Kirk Schneider of my staff, via e-mail at Schneikg@dhec.sc.gov, or call (803) 898-4023.

If your facility no longer requires this permit, please submit DHEC Form D-2374 ("Permit Cancellation / Temporary Closure") to cancel your coverage under the General Permit. If coverage is not cancelled, you are responsible for all annual General Permit fees.

In the event, you disagree with the decision to approve the General Permit, or the terms and conditions of the General Permit, the enclosed "Guide to Board Review" explains the process for contesting the Department's decision.

Sincerely,

Elizabeth J. Basil
Director, Engineering Services Division
Bureau of Air Quality

EJB:kgs:kal
Enclosure

cc: Permit File: 9900-0337
ec: Bryan Baxley, BEHS

ATTACHMENT A

FACILITY INFORMATION Palmetto Paving Corporation - Florence Plant GCM-9900-0337 Page 1 of 2

A - APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 1115 N Williston Rd
 CITY, STATE, ZIP FACILITY IS LOCATED IN: Florence, SC 29506
 COUNTY FACILITY IS LOCATED IN: Florence

C - FACILITY EQUIPMENT			
Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID
AP	400 tph Drum Mix Asphalt Plant (40CFR60 Subpart I Applicable)	1999	BH
DB	107.8E+06 Btu/hr Asphalt Plant Dryer Burner Natural Gas, No.2 Fuel Oil (Maximum Sulfur Content 0.5%) and Recycled No.2 Fuel Oil (Maximum Sulfur Content 0.5%) as Burner Fuels	1999	BH
LS	Lime Silo	1999	BV

D - FACILITY CONTROL DEVICES			
Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
BH	Pulse Jet Baghouse	1999	PM, PM ₁₀ , PM _{2.5}
BV	Bin Vent Baghouse	1999	PM, PM ₁₀ , PM _{2.5}

E - FACILITY EXEMPT EQUIPMENT			
Equipment ID	Source Description	Installation Date	Basis
FOT-1	25,000 gallon No.2 Fuel Oil Tank No.1	N/A	Air Permitting Exemption
FOT-2	20,000 gallon No.2 Fuel Oil Tank No.2	N/A	Air Permitting Exemption
FOT-3	20,000 gallon No.2 Fuel Oil Tank No.3	N/A	Air Permitting Exemption
FOT-4	20,000 gallon No.2 Fuel Oil Tank No.4	N/A	Air Permitting Exemption
FOT-5	3,500 gallon No.2 Fuel Oil Tank No.5	N/A	Air Permitting Exemption
LAT-1	30,000 gallon Liquid Asphalt Storage Tank No.1	1999	SC Regulation 61-62.1, Section II(B)(2)(h)
LAT-2	30,000 gallon Liquid Asphalt Storage Tank No.2	2005	SC Regulation 61-62.1, Section II(B)(2)(h)

ATTACHMENT B

**MODELED EMISSION RATES
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The emission rates listed herein are not considered federally 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.

STANDARD NO.2 - MODELED AAQS EMISSION RATES (lb/hr)							
STACK ID	PM₁₀	PM_{2.5}	SO₂	NO_x	CO	Lead	HF
EP01	9.200	1.160	4.400	22.000	52.000	--	--

STANDARD NO.7 - MODELED PSD CLASS II INCREMENT EMISSION RATES (lb/hr)				
STACK ID	Minor Source Baseline Date(s)			
	9/28/1978	N/A	9/28/1978	5/31/2006
	PM₁₀	PM_{2.5}	SO₂	NO_x
EP01	9.200	--	4.400	22.000

STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)				
STACK ID	Benzene	Cadmium	Formaldehyde	Mercury
	71-43-2	744-043-9	50-00-0	743-997-6
EP01	0.156	0.0002	1.240	0.001
EP02A	0.00052	--	0.0112	--
EP02B	0.00029	--	0.00049	--
EP03A	0.00052	--	0.0112	--
EP03B	0.00029	--	0.00049	--
EP04A	0.00052	--	0.0112	--
EP04B	0.00029	--	0.00049	--

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STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)			
STACK ID	Nickel	POMs	Toluene
	744-002-0	varies	108-88-3
EP01	0.025	0.354	1.16
EP02A	--	0.0039	0.001
EP02B	--	0.0027	0.0012
EP03A	--	0.0039	0.001
EP03B	--	0.0027	0.0012
EP04A	--	0.0039	0.001
EP04B	--	0.0027	0.0012

STANDARD NO.8 – POM EMISSION RATES (lb/hr)			
POLLUTANT	CAS #	STACK ID	
		Production = EP01	LOSL
Acenaphthene	83-32-9	5.60E-04	8.32E-04
Acenaphthylene	208-96-8	8.80E-03	5.24E-05
Anthracene	120-12-7	1.24E-03	2.27E-04
Benzo(a)anthracene	56-55-3	8.40E-05	8.28E-05
Benzo(a)pyrene	50-32-8	3.92E-06	3.14E-06
Benzo(b)fluoranthene	205-99-2	4.00E-05	1.04E-05
Benzo(e)pyrene	192-97-2	4.40E-05	2.03E-05
Benzo(g,h,i)perylene	191-24-2	1.60E-05	2.59E-06
Benzo(k)fluoranthene	207-08-9	1.64E-05	3.00E-06
Chrysene	218-01-9	7.20E-05	3.54E-04
Dibenz(a,h)anthracene	53-70-3	--	5.05E-07

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STANDARD NO.8 – POM EMISSION RATES (lb/hr)			
POLLUTANT	CAS #	STACK ID	
		Production = EP01	LOSL
Fluoranthene	206-44-0	2.44E-04	2.21E-04
Fluorene	86-73-7	4.40E-03	2.08E-03
Indeno(1,2,3-cd)pyrene	193-39-5	2.80E-06	6.41E-07
2-Methylnaphthalene	91-57-6	6.80E-02	8.60E-03
Naphthalene	91-20-3	2.60E-01	3.55E-03
Perylene	198-55-0	3.52E-06	6.05E-05
Phenanthrene	85-01-8	9.20E-03	2.93E-03
Pyrene	129-00-0	1.20E-03	6.51E-04

STANDARD NO.8 – TOXIC AIR POLLUTANTS LEVEL I DE MINIMIS ANALYSIS				
POLLUTANT	CAS NUMBER	EMISSION RATE (lb/day)	DE MINIMIS (lb/day)	PASS (Y or N)
2,2,4-Trimethylpentane	540-84-1	0.385	105.000	Yes
2,3,7,8-TCDD	1746-01-6	0.000	0.0005	Yes
Acetaldehyde	75-07-0	0.000	21.600	Yes
Acrolein	107-02-8	0.000	0.015	Yes
Arsenic	744-038-2	0.005	0.012	Yes
Benzene	71-43-2	3.802	1.800	No
Cadmium	744-043-9	0.004	0.003	No
Carbon Disulfide	75-15-0	0.024	1.800	Yes
Cobalt	744-048-4	2.50E-04	0.003	Yes
Cumene	98-82-8	0.044	0.108	Yes
Ethyl Chloride	75-00-3	0.005	316.800	Yes
Ethylbenzene	100-41-4	2.460	52.200	Yes

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STANDARD NO. 8 – TOXIC AIR POLLUTANTS LEVEL I DE MINIMIS ANALYSIS				
POLLUTANT	CAS NUMBER	EMISSION RATE (lb/day)	DE MINIMIS (lb/day)	PASS (Y or N)
Formaldehyde	50-00-0	30.602	0.180	No
Hexane	110-54-3	9.009	10.800	Yes
Hexavalent chromium	1854-029-9	0.004	0.030	Yes
Hydrochloric Acid	7467-01-0	0.000	2.100	Yes
Manganese	743-996-5	0.074	0.300	Yes
MEK	78-93-3	0.065	177.000	Yes
Mercury	743-997-6	0.025	0.003	No
Methyl Bromide	74-83-9	0.010	1.200	Yes
Methyl Chloride	74-87-3	0.033	6.180	Yes
Methyl chloroform	71-55-6	0.461	114.600	Yes
Methylene Chloride	75-09-2	3.16E-04	105.000	Yes
Naphthalene	91-20-3	6.325	15.000	Yes
Nickel	744-002-0	0.605	0.006	No
Phenol	108-95-2	0.039	2.280	Yes
POMs Totals	varies	8.967	1.920	No
Propionaldehyde	123-38-6	0.000	+	Yes
Quinone	106-51-4	0.000	0.024	Yes
Selenium	778-249-2	0.003	0.012	Yes
Styrene	100-42-5	0.009	63.900	Yes
Tetrachloroethene	127-18-4	0.003	40.200	Yes
Toluene	108-88-3	27.996	24.000	No
Xylene, o-	95-47-6	0.099	52.200	Yes
Xylene	1330-20-7	2.318	52.200	Yes