



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

August 5, 2013

Stephen M. Cospers
Granite Contracting LLC
545-B Pitts School Rd. N.W.
Concord, NC 28027

RE: Notice of Permit Coverage
Granite Contracting, LLC - York Plant
Permit Number: 9900-0300

Dear Mr. Cospers:

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: 9900-0300
ec: Steve Moseley, BEHS

ATTACHMENT A

FACILITY INFORMATION Granite Contracting, LLC - York Plant GCM-9900-0300 Page 1 of 2

A - APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 470 True Rd
CITY, STATE, ZIP FACILITY IS LOCATED IN: McConnells, SC 29726
COUNTY FACILITY IS LOCATED IN: York

C - FACILITY EQUIPMENT			
Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID
AP	350 tph Drum Mix Asphalt Plant (40CFR60 Subpart I Applicable)	1999	BH
DB	93E+06 Btu/hr Asphalt Plant Dryer Burner Natural Gas, Propane, No.2 Fuel Oil (Maximum Sulfur Content 0.5%) and Recycled No.4 Fuel Oil (Maximum Sulfur Content 1.5%) 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
HOH	1.0E+06 Btu/hr Hot Oil Heater Propane and No.2 Fuel Oil (Maximum Sulfur Content 0.5%) as fuels	1999	SC Regulation 61-62.1, Section II(B)(2)(h)
LAT	7,500 gallon Liquid Asphalt Tank	1999	SC Regulation 61-62.1, Section II(B)(2)(h)
FOT	1,000 gallon No.2 Fuel Oil Tank	2001	Air Permitting Exemption List
PRT	18,000 gallon Propane Tank	2001	Air Permitting Exemption List

ATTACHMENT B

**MODELED EMISSION RATES
Granite Contracting, LLC - York Plant
GCM-9900-0300
Page 1 of 3**

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	NO₂	CO
EP1-Mix Dryer	8.05	1.015	20.3	19.25	45.5

STANDARD NO. 7 - MODELED PSD CLASS II INCREMENT EMISSION RATES (lb/hr)			
STACK ID	Minor Source Baseline Date(s)		
	12/01/1981	12/01/1981	4/5/2001
	PM₁₀	SO₂	NO₂
EP1-Mix Dryer	8.05	20.3	19.25

STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)				
STACK ID	Acrolein	Benzene	Cadmium	Formaldehyde
	107-02-8	71-43-2	7440-43-9	50-00-0
EP1-Mix Dryer	0.0091	0.14	1.4E-04	1.1
LOSL-Loadout	--	0.0021	--	0.031

STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)				
STACK ID	Mercury	Nickel	Polycyclic Organic Matter	Quinone
	7439-97-6	7440-02-0	NA	106-51-4
EP1-Mix Dryer	0.0009	0.022	0.3097	0.056
LOSL - Loadout	--	--	0.01722	--

ATTACHMENT B

MODELED EMISSION RATES Granite Contracting, LLC - York Plant GCM-9900-0300 Page 2 of 3

STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)	
STACK ID	Mercury
	7439-97-6
EPI-Mix Dryer	1.015
LOSL – Loadout	0.0057

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)
Acetaldehyde	75-07-0	10.92	21.6	Yes
Arsenic	7440-38-2	0.005	0.012	Yes
Cadmium	7440-43-9	0.003	0.003	Yes
Carbon Disulfide	75-15-0	0.021	1.8	Yes
Chromium (+6) Compounds	N/A	0.004	0.03	Yes
Cobalt Compounds	N/A	0.000	0.003	Yes
Cumene	98-82-8	0.038	0.108	Yes
Ethyl Benzene	100-41-4	2.153	52.2	Yes
Ethyl Chloride	75-00-3	0.004	316.800	Yes
Hexane	110-54-3	7.883	10.8	Yes
Hydrochloric Acid	7647-01-0	1.764	2.100	Yes
Manganese Compounds	N/A	0.065	0.300	Yes
Methyl Bromide	74-83-9	0.008	1.2	Yes
Methyl Chloride	74-87-3	0.029	6.18	Yes
Methyl Chloroform	71-55-6	0.403	114.6	Yes
Methyl Ethyl Ketone	78-93-3	0.225	177.000	Yes
Methylene Chloride	75-09-2	0.000	105.000	Yes

ATTACHMENT B

**MODELED EMISSION RATES
Granite Contracting, LLC - York Plant
GCM-9900-0300
Page 3 of 3**

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)
Naphthalene	91-20-3	5.535	15.000	Yes
Phenol	108-95-2	0.034	2.28	Yes
Propionaldehyde	123-38-6	1.092	+	Yes
Selenium Compounds	N/A	0.003	0.012	Yes
Styrene	100-42-5	0.008	63.9	Yes
Tetrachlorinated Dibenzo-p-dioxins	1746-01-6	0.000	0.000	Yes
Tetrachloroethylene	127-18-4	0.003	40.2	Yes
2,2,4-Trimethylpentane	540-84-1	0.337	+	Yes
Xylene	1330-20-7	2.028	52.2	Yes
o-Xylene	95-47-6	0.086	52.2	Yes