



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

August 5, 2013

Ms. Katie Williams
C.R. Jackson, Inc.
PO Box 521
Darlington, SC 29540

RE: Notice of Permit Coverage
C. R Jackson, Inc. - Conway Plant #404
Permit Number: 9900-0171

Dear Ms. Williams:

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: 9900-0171
ec: Rayna King, BEHS

ATTACHMENT A

**FACILITY INFORMATION
C. R. Jackson, Inc. - Conway Plant #404
GCM-9900-0171
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A - APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 154 Winyah Rd.
CITY, STATE, ZIP FACILITY IS LOCATED IN: Conway, SC29526
COUNTY FACILITY IS LOCATED IN: Horry

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)	1993	BH
DB	102E+06 Btu/hr Asphalt Plant Dryer Burner Natural Gas, No.2 Fuel Oil (Maximum Sulfur Content 0.5%), Recycled No.2 Fuel Oil (Maximum Sulfur Content 0.5%) and Recycled No.4 Fuel Oil (Maximum Sulfur Content 1.5%) as Burner Fuels	2009	BH
LS	Lime Silo	1993	BV

D - FACILITY CONTROL DEVICES			
Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
BH	Pulse Jet Baghouse	1993	PM, PM ₁₀ , PM _{2.5}
BV	Bin Vent Baghouse	2005	PM, PM ₁₀ , PM _{2.5}

E - FACILITY EXEMPT EQUIPMENT			
Equipment ID	Source Description	Installation Date	Basis
HOH	1.2E+06 Btu/hr Hot Oil Heater No.2 Fuel Oil (Maximum Sulfur Content 0.5%) and Recycled No.4 Fuel Oil (Maximum Sulfur Content 1.5%) as Fuels	2006	SC Regulation 61-62.1, Section II(B)(2)(h)
LAT-1	25,000 gallon Liquid Asphalt Tank No.1	2006	SC Regulation 61-62.1, Section II(B)(2)(h)
LAT-2	25,000 gallon Liquid Asphalt Tank No.2	2006	SC Regulation 61-62.1, Section II(B)(2)(h)
FOT-1	15,000 gallon No.2 Fuel Oil Tank	2006	Air Permitting Exemption List
FOT-2	20,000 gallon No.4 Fuel Oil Tank	2006	Air Permitting Exemption List

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
Dryer Exhaust	11.92	---	40.88	19.25	--	---	---
Hot oil Heater Exhaust	0.072	0.0183	0.645	0.17	46.40	---	---
Lime Silo	0.031	0.5500	---	---	---	---	---
Aggregate	---	0.0837			--	---	---
Production	---	1.0150	20.9086		--	---	---

STANDARD NO. 8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)		
STACK ID	Quinone	Toluene
	106514	108883
EP01-Aggregate Drum Baghouse Exhaust	0.056	1.015
EP02A-Silo #1 Filling	---	5.29E-04
EP02B-Asphalt Silo #1 Loadout	---	6.11E-04
EP03A-Asphalt Silo #2 Loadout	---	5.29E-04
EP03B-Asphalt Silo #2 Loadout	---	6.11E-04
EP04A-Asphalt Silo #3 Filling	---	0.005289
EP04B-Asphalt Silo #4 Filling	---	6.11E-04
EP05B-Asphalt Silo #4 Loadout	---	5.29E-04
EP06A-Asphalt Silo #5 Filling	---	0.005289
EP06B-Asphalt Silo #5 Loadout	---	6.11E-04

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STANDARD NO.8 - MODELED AIR TOXIC EMISSION RATES (lb/hr)				
STACK ID	Mercury	Nickel	POM	Propionaldehyde
	7439976	7440020	N/A	123386
EP01-Aggregate Drum Baghouse Exhaust	9.10E-04	0.02205	0.30969	0.0455

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-Trimethylpentatne	540-84-1	0.337	105.000	Y
2,3,7,8-TCDD	1746-01-6	0.000	0.000	Y
Acetaldehyde	75-07-0	10.920	21.600	Y
Arsenic	744-038-2	0.005	0.012	Y
Carbon Disulfide	75-15-0	0.0209	1.8	Y
Cobalt	744-048-4	0.000	0.003	Y
Cumene	98-82-8	0.038	0.108	Y
Ethyl Chloride	75-00-3	0.004	316.800	Y
Ethylbenzene	100-41-4	2.153	52.200	Y
Hexane	110-54-3	7.883	10.800	Y
Hexavalent Chromium	1854-029-9	0.004	0.030	Y
Hydrochloric Acid	7467-01-0	1.764	2.100	Y
Manganese	743-996-5	0.065	0.300	Y
MEK	78-93-3	0.225	177.000	Y
Methyl Bromide	74-83-9	0.008	1.200	Y
Methyl Chloride	74-87-3	0.029	6.180	Y
Methyl Chloroform	71-55-6	0.403	114.600	Y
Methylene Chloride	75-09-2	0.000	105.000	Y
Naphthalene	91-20-3	5.535	15.000	Y

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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)
O-Xylene	95-47-6	0.086	52.200	Y
Phenol	108-95-2	0.034	2.280	Y
Selenium	778-249-2	0.003	0.012	Y
Styrene	100-42-5	0.008	63.900	Y
Tetrachloroethene	127-18-4	0.003	40.200	Y
Xylene	1330-20-7	2.028	52.200	Y