

September 2, 2011

Mr. Mike Jolly  
City of Rock Hill Utility Operation Center  
757 S Anderson Road  
Rock Hill, SC 29730

Re: Coverage to Operate Under the Terms and Conditions of the General Conditional Major Operating Permit for Fuel Combustion Operations

Dear Mr. Jolly:

Enclosed is the General Conditional Major Operating Permit for Fuel Combustion Operations that became effective on April 01, 2011. The federally enforceable emissions limitations and operational requirements contained within this General Conditional Major Operating Permit are designed to restrict this facility's potential to emit to below major source thresholds. This renewed General Conditional Major Operating Permit will be valid through March 31, 2021. Your facility's coverage under the terms and conditions of this permit shall be effective on September 2, 2011.

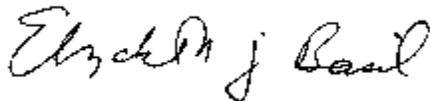
Reports required under the terms and conditions of this renewed Conditional Major Operating Permit must be completed and submitted in a timely manner in accordance with the periodic reporting schedule found in Part 4.B of this permit. The Department has developed an Excel spreadsheet that may help you in maintaining "Fuel Usage Records for General Conditional Major Operating Permit Reporting," which can be found at the following web site address:

[http://www.scdhec.gov/environment/baq/docs/permitting/GPermitApps/Fuel\\_Record\\_Reporting\\_Worksheet.xls](http://www.scdhec.gov/environment/baq/docs/permitting/GPermitApps/Fuel_Record_Reporting_Worksheet.xls)

It is important for you and/or an authorized representative responsible for the overall operation of this facility to read this issued permit carefully and to understand all requirements. If any errors or omissions are discovered, please notify Alyson M. Hayes of my staff, via e-mail at hayesam@dhec.sc.gov, or call 803-898-3836 immediately.

Pursuant to the South Carolina Administrative Procedures Act, any Department decision involving the issuance, denial, suspension, or revocation of a permit or certification may be appealed by the applicant, permittee, licensee, or affected person. Please see the enclosed "Notice of Appeal Procedure" for guidelines on filing an appeal.

Sincerely,



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

EJB:amh/shb:kal

Enclosure

cc: Steve Moseley, Region 3, Lancaster EQC Office  
Permit File: 2440-0207



# ATTACHMENT A

## Facility Information

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#### D - EQUIPMENT INSTALLED

Equipment ID	Equipment Description	Control Devices	Fuels Used	Installation Date	Modification Date	Emission Point ID
ENG-1	1500 kW Cummins Generator (emergency and peak shaving power)	Oxidation Catalyst Silencer No.1 (OC-1)	No. 2 Diesel Fuel (<0.05% sulfur by weight)	7/28/2011	N/A	DG-1
ENG-2	1500 kW Cummins Generator (emergency and peak shaving power)	Oxidation Catalyst Silencer No.2 (OC-2)	No. 2 Diesel Fuel (<0.05% sulfur by weight)	7/28/2011	N/A	DG-2

#### E - EXEMPT SOURCES

Equipment ID	Equipment Description	Installation Date	Modification Date	Basis
ST-1	One (1) 2,000 gallon Diesel Fuel Storage Tank No. 1	2011	N/A	SC Regulation 62.1 Section II(B)(2)(h)
ST-2	One (1) 2,000 gallon Diesel Fuel Storage Tank No. 2	2011	N/A	SC Regulation 62.1 Section II(B)(2)(h)

#### F - CONDITIONS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
F.1	ENG-1 ENG-2	NO <sub>x</sub>	In accordance with SC Regulation 61-62.5, Standard No. 2, Ambient Air Quality Standards, the generators are limited to operating a maximum of 500 hours per year per generator. The owner/operator must record the actual operating hours and submit reports of the recorded hours of operation as outlined in the General Conditional Major Operating Permit for Fuel Combustion Operations.
F.2	OC-1 OC-2	PM, PM <sub>10</sub> , CO, HAP, TAP	<p>In accordance with SC Regulation 61-62.1, Section IV, Source Test, the owner/operator shall conduct a performance test of each Oxidation Catalyst Silencer every five years for temperature, backpressure and emission reduction.</p> <p>The owner/operator shall submit a site-specific test plan or a letter which amends a previously approved test plan to the Department at least 45 days prior to the proposed test date.</p> <p>Prior to conducting a performance test, the owner/operator shall ensure that written notification is submitted to the Department at least two weeks prior to the test date. All source test reports shall be submitted to the Department no later than 30 days after the completion of the on-site testing.</p> <p>Site-specific test plans and amendments, notifications, and source test reports shall be submitted to the Manager of the Source Evaluation Section, Bureau of Air Quality (BAQ).</p>

## 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.

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2					
Emission Point ID	Modeled Emission Rates (lbs/hr)				
	PM	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</sub>
DG-1 & DG-2	---	1.457	1.407	1.261	56.272

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2				
Emission Point ID	Modeled Emission Rates (lbs/hr)			
	CO	Lead	HF	NO <sub>2</sub>
DG-1 & DG-2	9.314	---	---	---