

December 14, 2011

Mr. Jeffrey Phillips
Spartanburg Water System
R.B. Simms Filtration Plant
Spartanburg, SC 29306-6244

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

Dear Mr. Phillips:

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 January 1, 2012.

Please be advised that a new periodic reporting period begins upon the effective date of this renewed permit. Abbreviated periodic reports shall be completed and submitted in accordance with the previous permit's conditions and shall cover the interim period between the previous permit reporting period and the renewed permit reporting period. 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

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:sb:kal

Enclosure

cc: Johnny Hall, Region 2, Spartanburg EQC Office
Mr. Josh Smith, 1450 Southport Road, Spartanburg, SC 29306-3323
Permit File: 2060-0334

ATTACHMENT A

Facility Information

R.B. Simms Filtration Plant

GCM-2060-0334

Page 2 of 2

D - EQUIPMENT INSTALLED

Equipment ID	Equipment Description	Control Devices	Fuels Used	Installation Date	Modification Date	Emission Point ID
G-1	2,000 kW Diesel Generator (emergency and peak shaving), model Cummins 2000DQKAB	None	Diesel Fuel (maximum sulfur content 0.0015% or less)	12/2/2011	None	S-G1
G-2	1,250 kW Diesel Generator (emergency and peak shaving), model Cumings/Onan1250DFLC	None	Diesel Fuel (maximum sulfur content 0.05% or less)	12/2/2011	None	S-G2A S-G2B

E - EXEMPT SOURCES

Equipment ID	Equipment Description	Installation Date	Modification Date	Basis
EG-1	35 kW Portable Emergency Generator, model Cummins DGBB5788602	4/2007	N/A	S. C. Regulation 61-62.1, Section II(B)(2)(f)
EG-2	200 kW Portable Emergency Generator, model Cummins DSHAC5785748	4/2007	N/A	SC Regulation 61-62.1, Section II(B)(2)(f)
EX-T1	2,000 gallon diesel storage tank	12/2/2011	N/A	SC Regulation 61-62.1, Section II(B)(2)(h)
EX-T2	3,700 gallon diesel storage tank	12/2/2011	N/A	SC Regulation 61-62.1, Section II(B)(2)(h)

F - CONDITIONS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
F.1	G-2	NO _x	In order to demonstrate compliance with S.C. Regulation 61-62.5, Standard No. 5.2, G-2 is limited to operating a maximum of 730 hours per month. The owner/operator must record the actual operating hours and submit reports of the recorded hours of operation. The owner/operator shall submit semiannual reports of required monthly monitoring information and a twelve month rolling sum of hours of operation.
F.2	G-1	NO _x	In order to demonstrate compliance with S.C. Regulation 61-62.5, Standard No. 2 and Standard No. 7, G-1 is limited to operating a maximum of 3,500 hours per year. The owner/operator must record the actual operating hours and submit reports of the recorded hours of operation as outlined in outlined in the General Conditional Major Operating Permit for Fuel Combustion Operations.
F.3	G-2	NO _x	In order to demonstrate compliance with S.C. Regulation 61-62.5, Standard No. 2 and Standard No. 7, G-2 is limited to operating a maximum of 1,500 hours per year. The owner/operator must record the actual operating hours and submit reports of the recorded hours of operation as outlined in outlined in the General Conditional Major Operating Permit for Fuel Combustion Operations.

ATTACHMENT B

Modeled Emission Rates

R. M. Simms Filtration Plant

GCM-2060-0334

Page 1 OF 1

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 ₁₀	PM _{2.5}	SO ₂	NO _x	CO
S-G1	0.45	0.41	0.71	13.62	1.16
S-G2A	0.145	0.13	1.205	4.433	2.04
S-G2B	0.145	0.13	1.205	4.433	2.04

CLASS II PREVENTION OF SIGNIFICANT DETERIORATION - STANDARD NO. 7				
Emission Point ID	Modeled Emission Rates (lbs/hr)			
	PM _{2.5}	PM ₁₀	SO ₂	NO _x
S-G1	--	0.45	--	13.62
S-G2A	--	0.145	--	4.433
S-G2B	--	0.145	--	4.433