



# ATTACHMENT A

## Facility Information

**SC Dept. of Corrections Lee Correctional Inst.**

**GCM-1540-0027**

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### D - EQUIPMENT INSTALLED

Equipment ID	Equipment Description	Control Devices	Fuels Used	Installation Date	Modification Date	Emission Point ID
Boiler #1	20.9 million BTU/Hr. Cleaver Brooks CB500 Boiler NSPS A and Dc	None	Natural gas No. 2 Fuel Oil ( $\leq 0.0015\%$ sulfur content by weight)	12-14-1993	05-03-1996	Boiler 1
Boiler #2	20.9 million BTU/Hr. Cleaver Brooks CB500 Boiler NSPS A and Dc	None	Natural gas No. 2 Fuel Oil ( $\leq 0.0015\%$ sulfur content by weight)	12-14-1993	05-03-1996	Boiler 3
Boiler #3	8.369 million BTU/Hr. Cleaver Brooks CB200 Boiler	None	Natural gas No. 2 Fuel Oil ( $\leq 0.0015\%$ sulfur content by weight)	12-14-1993	05-03-1996	Boiler 3

### F - EXEMPT SOURCES

Equipment ID	Equipment Description	Installation Date	Modification Date	Basis
EX-ST #1	20,000 gallon No. 2 fuel oil storage tank	12-14-1993	None	SC Regulation 61-62.1, Section II(B)(2)(h)
EX-ST #2	20,000 gallon No. 2 fuel oil storage tank	12-14-1993	None	SC Regulation 61-62.1, Section II(B)(2)(h)
EX-ST #3	10,000 gallon gasoline storage tank (Gas Station)	12-14-1993	None	SC Regulation 61-62.1, Section II(B)(2)(h)
EX-ST #4	8,000 gallon Diesel storage tank (Gas Station)	12-14-1993	None	SC Regulation 61-62.1, Section II(B)(2)(h)
EX-EG #1	500 kW No. 2 Fuel Oil fired Emergency Generator	Unknown	None	SC Regulation 61-62.1, Section II(B)(2)(f)
EX-EG #2	500 kW No. 2 Fuel Oil fired Emergency Generator	Unknown	None	SC Regulation 61-62.1, Section II(B)(2)(f)
EX-EG #3	500 kW No. 2 Fuel Oil fired Emergency Generator	Unknown	None	SC Regulation 61-62.1, Section II(B)(2)(f)

### G - CONDITIONS

Condition Number	Equipment/Control Device ID	Regulated Pollutant/Standard	Conditions
None	None	None	None

# ATTACHMENT B

## Modeled Emission Rates

SC Dept. of Corrections Lee Correctional Inst.

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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 <sub>10</sub>	SO <sub>2</sub>	NO <sub>2</sub>	CO
Boiler 1	0.15	6.36	2.99	0.75
Boiler 2	0.15	6.36	2.99	0.75
Boiler 3	0.06	2.55	1.20	0.30

March 30, 2011

Gene Brinson  
SC Dept. of Corrections Lee Correctional Inst.  
4322 Broad River Rd.  
Columbia, SC 29210-4010

Re: Renewal of Coverage to Operate Under the Terms and Conditions of the General Conditional Major Operating Permit for Fuel Combustion Operations No. GCM-1540-0027 for SC Dept. of Corrections Lee Correctional Inst. at 1204 E Church St., Bishopville, SC 29010-2021.

Dear Mr. Brinson:

Enclosed is a renewed General Conditional Major Operating Permit for Fuel Combustion Operations No. GCM-1540-0027 that will become 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.

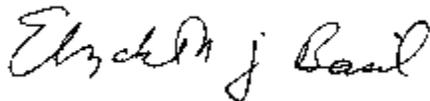
Please be advised that reports required under the terms and conditions of this renewed Conditional Major Operating Permit must be completed and submitted in a timely manner in accordance with the periodic reporting schedule found in Part 4.B of this permit. The Department has developed an Excel spreadsheet 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/GCMP\\_Fuel\\_Worksheet.xls](http://www.scdhec.gov/environment/baq/docs/permitting/GPermitApps/GCMP_Fuel_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:cdh:drc

Enclosure

cc: Regie J Watts, Region 4, Sumter EQC Office  
Permit File: 1540-0027