



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY
SOUTHWEST REGIONAL OFFICE

L. Preston Bryant, Jr.
Secretary of Natural Resources

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(276) 676-4800 Fax (276) 676-4899
www.deq.virginia.gov

David K. Paylor
Director

Michael D. Overstreet
Regional Director

May 14, 2007

Mr. L. Michael Hankins
Project Manager
Meridian Management
c/o Southwest Virginia Community College
P.O. Box SVCC
Richlands, Virginia 24641

Location: Richlands, Virginia
Registration No: 10324
County Plant No. 185-00028

Dear Mr. Hankins:

Attached is a significant amendment to a permit to operate seven distillate oil-fired boilers in accordance with the provisions of the Commonwealth of Virginia State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution. This amended permit document replaces your permit document dated April 8, 2002.

This permit contains legally enforceable conditions. Failure to comply may result in a Notice of Violation and civil penalty. Please read all permit conditions carefully.

In the course of evaluating the application and arriving at a final decision to approve the project, the Department of Environmental Quality (DEQ) deemed the application complete on February 28, 2007 and solicited written public comments by placing a newspaper advertisement in the *Richlands News Press* on April 11, 2007. The required comment period, provided by 9 VAC 5-80-1020 A expired on May 12, 2007.

This amendment approval shall not relieve Southwest Virginia Community College of the responsibility to comply with all other local, state, and federal permit regulations.

The Board's Regulations as contained in Title 9 of the Virginia Administrative Code 5-170-200 provide that you may request a formal hearing from this case decision by filing a petition with the Board within 30 days after this case decision notice was mailed or delivered to you. 9 VAC 5-170-200 provides that you may request direct consideration of the decision by the Board if the Director of the DEQ made the decision. Please consult the relevant regulations for additional requirements for such requests.

Mr. Michael Hankins
May 14, 2007
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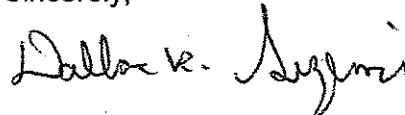
As provided by Rule 2A:2 of the Supreme Court of Virginia, you have 30 days from the date of service of this decision (the date you actually received this decision or the date on which it was mailed to you, whichever occurred first), within which to initiate an appeal of this decision by filing a Notice of Appeal with:

David K. Paylor, Director
Department of Environmental Quality
P. O. Box 1105
Richmond, VA 23218.

In the event that this decision is served on you by mail, three days are added to the period in which to file an appeal. Please refer to Part Two A of the Rules of the Supreme Court of Virginia for information on the required content of the Notice of Appeal and for additional requirements governing appeals from decisions of administrative agencies.

If you have any questions concerning this permit, please call the regional office at (276) 676-4800.

Sincerely,



Dallas R. Sizemore
Deputy Regional Director

DRS/ECM/SA-10324-07

Attachment Permit

CC: Director, OAPP (electronic file submission)
 Manager, Data Analysis (electronic file submission)



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David K. Paylor
Director

Michael D. Overstreet
Regional Director

STATIONARY SOURCE PERMIT TO OPERATE

This permit supersedes/replaces your permit dated August 18, 1987.

In compliance with the Federal Clean Air Act and the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution,

Southwest Virginia Community College
P.O. Box SVCC
Richlands, Virginia 24641
Registration No: 10324
County Plant No. 185-00028

is authorized to operate

five distillate oil-fired boilers and two distillate oil and/or natural gas-fired boilers

located at

the Southwest Virginia Community College campus, off Route 19, approximately six miles south of Claypool Hill in Tazewell County, Virginia

in accordance with the Conditions of this permit.

Approved on April 8, 2002 (as amended May 14, 2007).

A handwritten signature in cursive script, reading "Dallas R. Sizemore".

Dallas R. Sizemore
Deputy Regional Director

Permit consists of 6 pages.
Permit Conditions 1 to 16.

PERMIT CONDITIONS - the regulatory reference or authority for each condition is listed in parentheses () after each condition.

APPLICATION

1. Except as specified in this permit, the permitted facility is to be operated as represented in the permit application dated January 23, 2002 and addendum information received February 6, 2002 and the permit application letter dated February 27, 2007. Any changes in the permit application specifications or any existing facilities which alter the impact of the facility on air quality may require a permit. Failure to obtain such a permit prior to construction may result in enforcement action.
(9 VAC 5-80-830)

PROCESS REQUIREMENTS

2. **Equipment List** - Equipment to be operated at this facility consists of:
 - two Weil McClain Model #BL-1078-WF1129MBH distillate oil-fired boilers rated at 982,000 Btu/hr each (CC1 and CC2);
 - two Hurst Model S4-LPGA2-600-250 natural gas and/or distillate oil-fired boilers rated at 60 BHP each (RH and TH);
 - one Burnham Model #4FW-277-45-O-PF distillate oil-fired boiler rated at 61.6 HP (BH1); and
 - two Hurst Model B3740 distillate oil-fired boilers rated at 1.2 MMBtu/hr each.(9 VAC 5-80-850)

OPERATING/EMISSION LIMITATIONS

3. **Fuel** - The approved fuels for the two (2) Hurst Model S4-LPGA2-600-250 boilers (RH and TH) are distillate oil and natural gas. The distillate oil shall meet the ASTM specification for numbers 1 or 2 fuel oil. The sulfur content of the distillate oil shall not exceed 0.5 percent by weight per shipment. A change in the fuels may require a permit to modify and operate.
(9 VAC 5-80-850)
4. **Fuel** - The approved fuel for the two (2) Weil McClain Model #BL-1078-WF1129MBH boilers (CC1 and CC2), the Burnham Model #4FW-277-45-O-PF boiler (BH1), and the two Hurst Model B3740 boilers, is distillate oil. The distillate oil shall meet the ASTM specification for numbers 1 or 2 fuel oil. The sulfur content of the distillate oil shall not exceed 0.5 percent by weight per shipment. A change in the fuel may require a permit to modify and operate.
(9 VAC 5-80-850)

5. **Emission Limits** - Emissions from the operation of the two (2) natural gas and/or distillate oil-fired boilers (RH and TH), when combusting natural gas, shall not exceed the limits specified below:

Nitrogen Oxides (as NO ₂)	0.63 lbs/hr	2.76 tons/yr
Carbon Monoxide	0.53 lbs/hr	2.32 tons/yr

These emissions are derived from the estimated overall emission contribution from operating limits. Compliance with these emission limits may be determined as stated in Condition 3.

(9 VAC 5-50-260 and 9 VAC 5-80-850)

6. **Emission Limits** - Emissions from the operation of the five (5) distillate oil-fired boilers (CC1, CC2, BH1, two Hurst B3740) and the two (2) natural gas and/or distillate oil-fired boilers (RH and TH), when combusting distillate oil, shall not exceed the limits specified below:

Particulate Matter	0.20 lbs/hr	0.88 tons/yr
Nitrogen Oxides (as NO ₂)	2.00 lbs/hr	8.80 tons/yr
Carbon Monoxide	0.50 lbs/hr	2.20 tons/yr
Sulfur Dioxide	7.08 lbs/hr	31.01 tons/yr

These emissions are derived from the estimated overall emission contribution from operating limits. Compliance with these emission limits may be determined as stated in Condition 4.

(9 VAC 5-80-850)

7. **Visible Emissions Limit** - Visible emissions from the distillate oil-fired boilers (CC1, CC2, BH1, and two Hurst B3740) and the distillate oil and/or natural gas-fired boilers (RH and TH) shall not exceed 20 percent opacity as determined by EPA Method 9 (reference 40 CFR 60, Appendix A), except during one six-minute period in any one hour in which visible emissions shall not exceed 30 percent opacity. This condition applies at all times except during start-up, shutdown, or malfunction.
(9 VAC 5-50-80 and 9 VAC 5-80-850)

RECORDS

8. **Fuel Specifications** - The permittee shall obtain a certification from the distillate oil fuel supplier with each shipment. Each fuel supplier certification shall include the following:
- The name of the fuel supplier;
 - The date on which the fuel was received;
 - The volume of fuel delivered in the shipment; and
 - The sulfur content of the fuel.
- (9 VAC 5-80-850 and 9 VAC 5-80-900)

9. **On Site Records** - The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content of and format of such records shall be arranged with the Director, Southwest Regional Office. These records shall include, but are not limited to:
- a. The monthly consumption of distillate oil fuel;
 - b. The monthly consumption of natural gas fuel;
 - c. All boiler fuel supplier certifications;
 - d. Records of all boiler fuel shipments purchased indicating the supplier, volume of the shipment, and date on which the shipment was made, and all subsequent fuel analyses; and
 - e. The annual throughput of materials, calculated monthly as the sum of each consecutive 12 month period, used to determine emissions characterized in Conditions 5 and 6.

These records shall be available on site for inspection by the DEQ and shall be current for the most recent five (5) years.
(9 VAC 5-80-900)

GENERAL CONDITIONS

10. **Violation of Ambient Air Quality Standard** - The permittee shall, upon request of the DEQ, reduce the level of operation or shut down a facility, as necessary to avoid violating any primary ambient air quality standard and shall not return to normal operation until such time as the ambient air quality standard will not be violated.
(9 VAC 5-20-180 I)
11. **Permit Suspension/Revocation** - This permit may be suspended or revoked in whole or in part for cause, including, but not limited to, any of the following actions by the permittee:
- a. Willfully making material misstatements in the permit application or any amendments thereto;
 - b. Failing to comply with the terms or conditions of the permit;
 - c. Failing to comply with any emission standards applicable to an emissions unit included in the permit;
 - d. Causing emissions from the stationary source which result in violations of, or interfering with the attainment and maintenance of, any ambient air quality standard; or failing to operate in conformance with any applicable control strategy, including any emission standards or emission limitations, in the State Implementation Plan in effect at the time that an application is submitted; or
 - e. Failing to comply with the applicable provisions of 9 VAC 5-80-10, 9 VAC 5-80-20, and 9 VAC 5-80-30.
(9 VAC 5-80-1010)

12. **Right of Entry** - The permittee shall allow authorized local, state and federal representatives, upon the presentation of credentials:
- To enter upon the permittee's premises on which the facility is located or in which any records are required to be kept under the terms and conditions of this permit;
 - To have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit or the State Air Pollution Control Board Regulations;
 - To inspect at reasonable times any facility, equipment, or process subject to the terms and conditions of this permit or the State Air Pollution Control Board Regulations; and
 - To sample or test at reasonable times.

For purposes of this condition, the time for inspection shall be deemed reasonable during regular business hours or whenever the facility is in operation. Nothing contained herein shall make an inspection time unreasonable during an emergency.
(9 VAC 5-170-130)

13. **Notification for Facility or Control Equipment Malfunction** - The permittee shall furnish notification to the Director, Southwest Regional Office of malfunctions of the affected facility or related air pollution control equipment that may cause excess emissions for more than one hour, by facsimile transmission, telephone or telegraph. Such notification shall be made as soon as practicable but not later than four daytime business hours of the malfunction. The permittee shall provide a written statement giving all pertinent facts, including the estimated duration of the breakdown, within 14 days of the occurrence. When the condition causing the failure or malfunction has been corrected and the equipment is again in operation, the permittee shall notify the Director, Southwest Regional Office in writing.
(9 VAC 5-20-180 C)
14. **Change of Ownership** - In the event of any change in control of ownership of the permitted source, the permittee shall notify the succeeding owner of the existence of this permit by letter and send a copy of that letter to the Director, Southwest Regional Office.
(9 VAC 5-80-940)
15. **Registration/Update** - Annual requirements to fulfill legal obligations to maintain current stationary source emissions data will necessitate your prompt response to requests for information to include, as appropriate: process and production data; changes in control equipment, and operating schedules. Such requests for information from the DEQ will either be in writing or by personal contact. The availability of information submitted to the DEQ or the Board will be governed by applicable provisions of the Freedom of Information Act, §§ 2.2-3700 through 2.2-3714 of the Code of Virginia, § 10.1-1314 (addressing information provided to the Board), and 9 VAC 5-20-160 of the State Air Pollution Control Board Regulations. Information provided to federal officials is subject to appropriate federal law and regulations governing confidentiality of such information.
(9 VAC 5-80-900)

16. **Permit Copy** - A copy of this permit shall be maintained on the premises of the facility to which it applies.
(9 VAC 5-80-860 D)