



---

west virginia department of environmental protection

---

Division of Water and Waste Management  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304  
Phone: (304) 926-0495  
Fax: (304) 926-0463

Joe Manchin III, Governor  
Randy C. Huffman, Cabinet Secretary  
www.dep.wv.gov

**CONSENT ORDER  
ISSUED UNDER THE  
WATER POLLUTION CONTROL ACT  
WEST VIRGINIA CODE, CHAPTER 22, ARTICLE 11**

TO: Boone Raleigh Public Service District  
Ms. Carrie Lou Jarrell, Chairperson  
P.O. Box 245  
Sylvester, WV 25193

DATE: March 25, 2010

ORDER NO.: 7007

**INTRODUCTION**

This Consent Order is issued by the Director of the Division of Water and Waste Management (hereinafter "Director"), under the authority of West Virginia Code, Chapter 22, Article 11, Section 1 et seq. to Boone Raleigh Public Service District (hereinafter "Boone Raleigh").

**FINDINGS OF FACT**

In support of this Order, the Director hereby finds the following:

1. Boone Raleigh operates a water treatment plant located in Whitesville, Boone County, West Virginia.
2. On June 11, 2007, the West Virginia Department of Environmental Protection (WVDEP) and Boone Raleigh entered into Consent Order No. 6166. Consent Order No. 6166 required Boone Raleigh to:
  - a. Immediately take all action necessary to apply for and obtain a WV/NPDES permit for its water treatment facility discharge.
  - b. Immediately take all measures to initiate compliance with all terms and conditions of WV Legislative Rule (Requirements Governing Water Quality Standards): Title 47, Series 2.

Promoting a healthy environment.

3. On January 13, 2010, WVDEP personnel conducted an inspection of the Boone Raleigh water treatment plant and documented that Boone Raleigh has failed to apply for and obtain a permit as required by Consent Order No. 6166, a violation of Chapter 22, Article 11, Section 16 of the West Virginia Code.
4. During the January 13, 2010 inspection, WVDEP personnel confirmed that the unpermitted discharge was still occurring at the time of inspection, a violation of Chapter 22, Article 11, Section 1 et seq. of the West Virginia Code.
5. During the January 13, 2010 inspection, WVDEP personnel sampled the Boone Raleigh water treatment plant's backwash discharge to Big Coal River, a state water, and recorded a total residual chlorine (TRC) value of 1.58 mg/l.

**ORDER FOR COMPLIANCE**

Now, therefore, in accordance with Chapter 22, Article 11, Section 1 et seq. of the West Virginia Code, it is hereby agreed between the parties, and ORDERED by the Director:

1. Boone Raleigh shall immediately take all measures to initiate compliance with all terms and conditions of WVDEP Order No. 6166.
2. Within twenty (20) days of entry of this Order, Boone Raleigh shall submit the required information to obtain coverage under WV/NPDES Water Pollution Control Permit No. WV0115754, General Permit for Water Treatment Plant Wastewater Disposal Systems. The registration application shall be submitted to:

**General Permit & Support Team - Permitting Section  
DWWM  
601 57th Street SE  
Charleston, WV 25304**

3. Within twenty (20) days of entry of this Order, Boone Raleigh shall submit for approval a proposed corrective action plan and schedule, outlining action items and completion dates for how and when Boone Raleigh will achieve compliance with all pertinent laws and rules, including interim measures to handle the backwash water from the facility. The corrective action plan shall be submitted to:

**Environmental Inspector Supervisor  
SW Regional Environmental Enforcement Office  
PO Box 662  
Teays, WV 25569**

A copy of this plan shall be submitted to:

**Chief Inspector  
Environmental Enforcement - Mail Code #031328  
WVDEP  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304**

Upon approval, the corrective action plan and schedule shall be incorporated into and become part of this Order, as if fully set forth herein. Failure to submit an approvable corrective action plan and schedule or failure to adhere to the approved schedule is a violation of this Order.

4. Because of Boone Raleigh's West Virginia Code violations, Boone Raleigh shall be assessed a civil administrative penalty of fifteen thousand one hundred ten dollars (\$15,110) to be paid to the West Virginia Department of Environmental Protection for deposit in the Water Quality Management Fund within thirty (30) days of entry of this Order. Payments made pursuant to this paragraph are not tax-deductible for purposes of State or federal law. **Payment shall be mailed to:**

**Chief Inspector  
Environmental Enforcement - Mail Code #031328  
WV-DEP  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304**

#### **OTHER PROVISIONS**

1. Boone Raleigh hereby waives its right to appeal this Order under the provisions of Chapter 22, Article 11, Section 21 of the Code of West Virginia. Under this Order, Boone Raleigh agrees to take all actions required by the terms and conditions of this Order and consents to and will not contest the Director's jurisdiction regarding this Order. However, Boone Raleigh does not admit to any factual and legal determinations made by the Director and reserves all rights and defenses available regarding liability or responsibility in any proceedings regarding Boone Raleigh other than proceedings, administrative or civil, to enforce this Order.
2. The Director reserves the right to take further action if compliance with the terms and conditions of this Order does not adequately address the violations noted herein and reserves all rights and defenses which he may have pursuant to any legal authority, as well as the right to raise, as a basis for supporting such legal authority or defenses, facts other than those contained in the Findings of Fact.
3. If any event occurs which causes delay in the achievement of the requirements of this Order, Boone Raleigh shall have the burden of proving that the delay was caused by circumstances beyond its reasonable control which could not have been overcome by due diligence (i.e., force majeure). Force majeure shall not include delays caused or contributed to by the lack of sufficient funding. Within three (3) working days after

Boone Raleigh becomes aware of such a delay, notification shall be provided to the Director/Chief Inspector and shall, within ten (10) working days of initial notification, submit a detailed written explanation of the anticipated length and cause of the delay, the measures taken and/or to be taken to prevent or minimize the delay, and a timetable by which Boone Raleigh intends to implement these measures. If the Director agrees that the delay has been or will be caused by circumstances beyond the reasonable control of Boone Raleigh (i.e., force majeure), the time for performance hereunder shall be extended for a period of time equal to the delay resulting from such circumstances. A force majeure amendment granted by the Director shall be considered a binding extension of this Order and of the requirements herein. The determination of the Director shall be final and not subject to appeal.

4. Compliance with the terms and conditions of this Order shall not in any way be construed as relieving Boone Raleigh of the obligation to comply with any applicable law, permit, other order, or any other requirement otherwise applicable. Violations of the terms and conditions of this Order may subject Boone Raleigh to additional penalties and injunctive relief in accordance with the applicable law.
5. The provisions of this Order are severable and should a court or board of competent jurisdiction declare any provisions to be invalid or unenforceable, all other provisions shall remain in full force and effect.
6. This Order is binding on Boone Raleigh, its successors and assigns.
7. This Order shall terminate upon Boone Raleigh's notification of full compliance with the "Order for Compliance" and verification of this notification by WVDEP.

*Carrie Lou Jarrell*

Ms. Carrie Lou Jarrell, Chairperson  
Boone Raleigh Public Service District

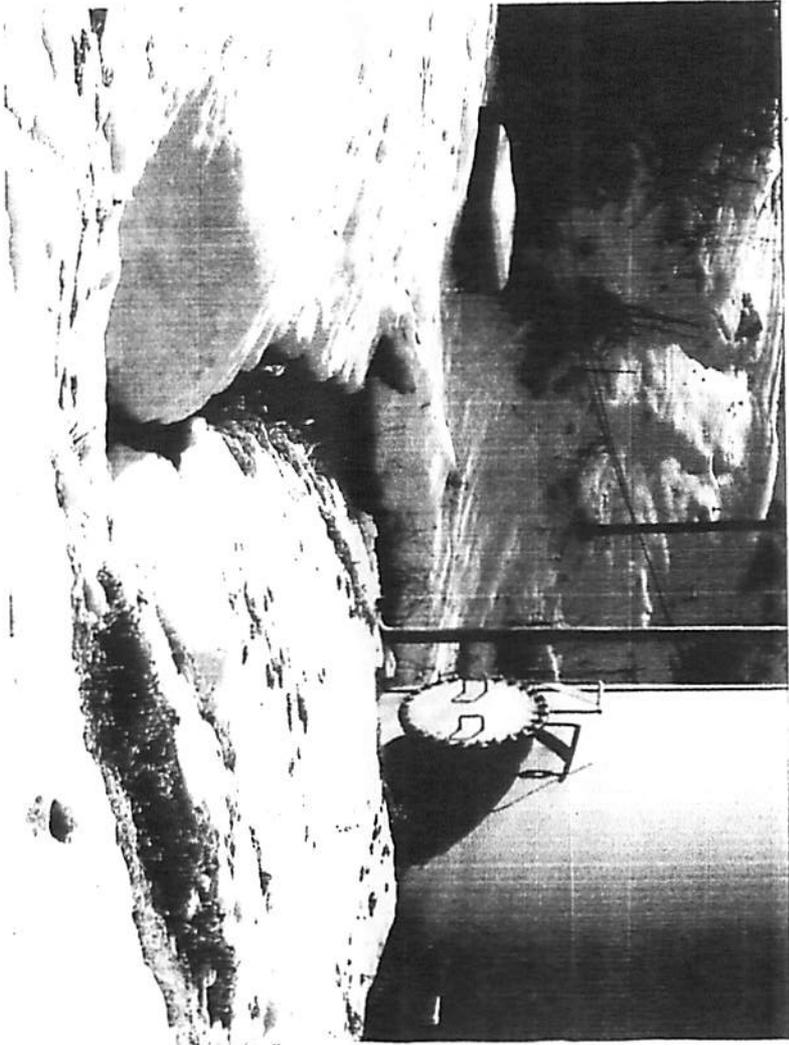
*April 20, 2010*  
Date

Public Notice begin: \_\_\_\_\_  
Date

Public Notice end: \_\_\_\_\_  
Date

\_\_\_\_\_  
Scott G. Mandirola, Director  
Division of Water and Waste Management

\_\_\_\_\_  
Date



Filter backwash discharge from Boone Raleigh WTP



Discharge to Big Coal River

# Base Penalty Calculation

(pursuant to 47CSR1-6.1)

Responsible Party: Boone Raleigh PSD Receiving Stream: Big Coal River

Treatment System Design Maximum Flow: N/A MGD

Treatment System Actual Average Flow: N/A MGD (if known)

Enter FOF# and rate each finding as to Potential and Extent.

1)	Potential for Harm Factor	Factor Range	FOF#											
			3	4										
a)	Amount of Pollutant Released	1 to 3	1	1										
b)	Toxicity of Pollutant	0 to 3	1	1										
c)	Sensitivity of the Environment	0 to 3	1	1										
d)	Length of Time	1 to 3	3	3										
e)	Actual Exposure and Effects thereon	0 to 3	1	1										
<b>Average Potential for Harm Factor</b>			1.4	1.4	No									
2)	Extent of Deviation Factor	Factor Range												
	Degree of Non-Compliance	1 to 3	3	3										

**Potential for Harm Factors:**

- 1)c - Sensitivity of the Environment Potentially Affected (0 for "dead" stream)
- 1)d - Length of Time of Violation
- 1)e - Actual Human/Environmental Exposure and Resulting Effects thereon

**Examples/Guidance:**

**Note:** Rate as 1 for Minor, 2 for Moderate and 3 for Major. Rate as 0 if it does not apply.

**Minor** = exceedance of permit limit by <=40% for Avg. Monthly or <=100% for Daily Max., exceed numeric WQ standard by <= 100%, or report doesn't contain some minor information.

**Moderate** = exceedance of permit limit by >= 41% and <= 300% for Avg. Monthly, >= 101% and <= 600% for Daily Max., exceed numeric WQ standard by >= 101% and <= of 600% or report doesn't fully address intended subject matter.

**Major** = exceedance of permit limit by >= 301% for Avg. Monthly, >= 601% for Daily Max., exceed numeric WQ standard by >= 601%, failure to submit a report, failure to obtain a permit, failure to report a spill, etc. Note that a facility in SNC should be rated as major for length of time and degree of non-compliance.

Narrative WQ standard violations - case-by-case.





## Penalty Adjustment Factors

(pursuant to 47CSR1-6.2)

### Penalty Adjustment Factor

6.2.b.1 - Degree of or absence of willfulness and/or negligence - 0% to 30% increase  
 6.2.b.4 - Previous compliance/noncompliance history - 0% to 100% increase - based upon review of last three (3) years - Warning = maximum of 5% each, N.O.V. = maximum of 10% each, previous Order = maximum of 25% each - Consistent DMR violations for <1 year = 10% maximum, for >1 year but <2 years = 20% maximum, for >2 years but <3 years = 30% maximum, for >3 years = 40 % maximum

6.2.b.6 - Economic benefits derived by the responsible party (increase to be determined)

6.2.b.7 - Public Interest (increase to be determined)

6.2.b.8 - Loss of enjoyment of the environment (increase to be determined)

6.2.b.9 - Staff investigative costs (increase to be determined)

6.2.b.10 - Other factors

**Size of Violator: 0 - 50% decrease**

**NOTE:** This factor is not available to discharges that are causing a water quality violation. This factor does not apply to a commercial or industrial facility that employees or is part of a corporation that employees more than 100 individuals.

Avg. Daily WW Discharge Flow (gpd)	% Reduction Factor
< 5,000	50
5,000 to 9,999	40
10,000 to 19,999	30
20,000 to 29,999	20
30,000 to 39,999	10
40,000 to 99,999	5
> 100,000	0

**Additional Other factors to be determined for increases or decreases on a case-by-case basis.**

Public Notice Costs (cost for newspaper advertisement)

6.2.b.2 - Good Faith - 10% decrease to 10% increase

6.2.b.3 - Cooperation with the Secretary - 0% to 10% decrease

6.2.b.5 - Ability to pay a civil penalty - 0% to 100% decrease

## Base Penalty Adjustments

(pursuant to 47CSR1-6.2)

Penalty Adjustment Factor	% Increase	% Decrease	Base Penalty Adjustments
6.2.b.1 - Willfulness and/or negligence -	30		\$2,640
6.2.b.4 - Compliance/noncompliance history	30		\$2,640
6.2.b.6 - Economic benefits - (flat monetary increase)	\$1,000		\$1,000
6.2.b.7 - Public Interest - (flat monetary increase)			\$0
6.2.b.8 - Loss of enjoyment - (flat monetary increase)			\$0
6.2.b.9 - Investigative costs - (flat monetary increase)			\$0
6.2.b.10 - Other factors (size of violator)			\$0
6.2.b.10 - Additional Other Factors - Increase (flat monetary increase)			\$0
6.2.b.10 - Additional Other Factors - Decrease (flat monetary decrease)			\$0
Public Notice Costs (flat monetary increase)	\$30		\$30
6.2.b.2 - Good Faith - Increase			\$0
6.2.b.2 - Good Faith - Decrease			\$0
6.2.b.3 - Cooperation with the Secretary			\$0
6.2.b.5 - Ability to Pay			\$0
<b>Penalty Adjustments</b>			<b>\$6,310</b>
<b>Penalty =</b>			<b>\$15,110</b>

Estimated Economic Benefit Item	Estimated Benefit (\$)
Monitoring & Reporting	
Installation & Maintenance of Pollution Control Equipment	
O&M expenses and cost of equipment/materials needed for compliance	
Permit Application or Modification	\$1,000
Competitive Advantage	
<b>Estimated Economic Benefit</b>	<b>\$1,000</b>
<b>Comments: Annual permit fee for 2 years @ \$500/year.</b>	