



west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street SE
Charleston, WV 25304
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Earl Ray Tomblin, 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: Arrow WV, Inc.
John D. Furst, President
PO Box 472
Mount Hope WV, 25880

DATE: January 15, 2013

ORDER NO.: 7780

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 Arrow WV, Inc. (hereinafter "Arrow WV").

FINDINGS OF FACT

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

1. Arrow WV is conducting land disturbing activities for a construction project near Glen Jean, Fayette County, West Virginia. Arrow WV was issued WV/NPDES Water Pollution Control Permit No. WV00115924, Registration No. WVR105641 on August 10, 2011 for its Dam A Project. Arrow WV was issued WV/NPDES Water Pollution Control Permit No. WV00115924, Registration No. WVR105872 on February 24, 2012 for its Logistics Access Road Project.
2. On April 10, 2012, West Virginia Department of Environmental Protection (WVDEP) and John D. Furst, President of Arrow WV, entered into Consent Order No. 7475. The Order included violations associated with land disturbance activities at the aforementioned construction site, and it required John D. Furst to immediately take all measures to initiate compliance with all terms and conditions of the WV/NPDES permit and all pertinent laws and/or rules.

Promoting a healthy environment.

3. On September 13, 2012, a pre-enforcement meeting took place between WVDEP personnel and representatives of and contractors for Arrow WV. During the meeting, ongoing sediment laden discharges from Arrow WV's construction sites and possible avenues for improving Arrow WV's compliance with the requirements of its WV/NPDES permits were discussed.
4. On October 9, 2012, WVDEP personnel conducted an inspection of the Dam A Project. During the inspection, violations of the following sections of WV Legislative Rule and Arrow WV's WV/NPDES permit were observed and documented:
 - a. Section G.4.e.2.A.ii.j – Arrow WV failed to prevent sediment-laden water from leaving the site without going through an appropriate device at the Dam A pump-around to the filter bag.
 - b. 47CSR2 Section 3.2.a – Arrow WV caused conditions not allowable in waters of the State by creating distinctly visible settleable solids in Barren Branch below Dam A.

As a result of the aforementioned violations, Notices of Violation (NOV) Nos. I12-10-054-JHH and I12-10-057-JHH were issued to Arrow WV.

5. On November 28, 2012, WVDEP personnel conducted an inspection of the Logistics Access Road Project. During the inspection, violations of the following sections of WV Legislative Rule and Arrow WV's WV/NPDES permit were observed and documented:
 - a. Section G.4.e.1.E – Arrow WV failed to provide an adequate stone access entrance/exit to reduce the tracking of sediment onto public or private roads.
 - b. Section G.4.e.2.A.ii.j – Arrow WV failed to prevent sediment-laden water from leaving the site without going through an appropriate device.
 - c. 47CSR2 Section 3.2.a – Arrow WV caused conditions not allowable in waters of the State by creating distinctly visible settleable solids in Mill Creek of Dunloup Creek.

As a result of the aforementioned violations, NOV No. I12-10-065-JHH was issued to Arrow WV.

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. Arrow WV shall immediately take all measures to initiate compliance with all terms and conditions of its WV/NPDES permit and pertinent laws and rules.
2. Within twenty (20) days of the effective date of this Order, Arrow WV shall submit for approval a proposed plan of corrective action and schedule, outlining action items and completion dates for how and when Arrow WV will achieve compliance with all terms and conditions of its WV/NPDES permit and pertinent laws and rules. The plan of corrective action shall be submitted to:

**WVDEP Environmental Inspector Supervisor
SE Regional Environmental Enforcement Office
254 Industrial Drive
Oak Hill, WV 25901**

A copy of this plan shall be submitted to:

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

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

3. Because of Arrow WV's Legislative Rule and permit violations, Arrow WV shall be assessed a civil administrative penalty of twenty-two thousand one hundred ninety-five dollars (\$22,195) to be paid to the West Virginia Department of Environmental Protection for deposit in the Water Quality Management Fund within thirty (30) days of the effective date of this Order. Payments made pursuant to this paragraph are not tax-deductible for purposes of State or federal law. Payment shall include a reference to the Order No. and shall be mailed to:

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

OTHER PROVISIONS

1. **Arrow WV 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, Arrow WV 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, Arrow WV 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 Arrow WV 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, Arrow WV 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 Arrow WV becomes aware of such a delay, notification shall be provided to the Director/Chief Inspector and Arrow WV 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 Arrow WV 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 Arrow WV (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 Arrow WV 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 Arrow WV 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 Arrow WV, its successors and assigns.**

7. This Order shall terminate upon Arrow WV's notification of full compliance with the "Order for Compliance" and verification of this notification by WVDEP.

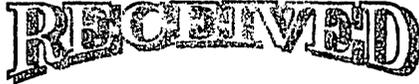


John D. Furst
Arrow WV

4-29-13

Date

Public Notice begin:



MAY 01 2013

Date

Public Notice end:

ENVIRONMENTAL
ENFORCEMENT

Date

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

Date



Pond behind coffer dam pumped down below level of sediment settlement. Sediment at bottom of pond being pumped via filter bag into Barren Branch.



The filter bag was not adequately removing sediment and discharging muddy water into Barren Branch thus creating conditions not allowable.

Arrow WV, WVR105872, Logistics Access Road, 11-28-12



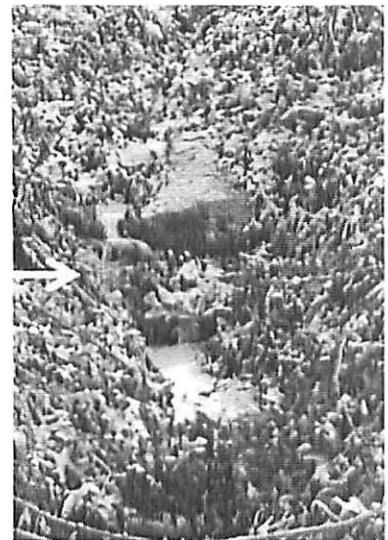
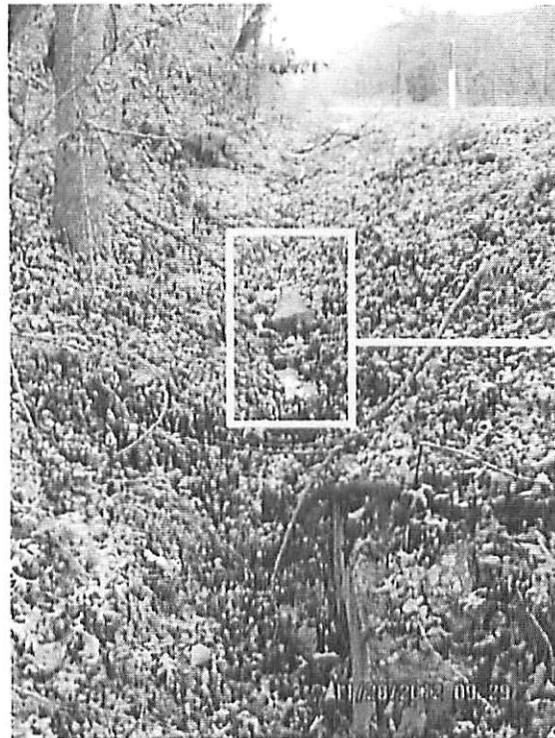
Construction entrance for project.



Roadside ditch adjacent the construction entrance receiving sediment laden storm water from project.



Roadside ditch adjacent the construction entrance receiving sediment laden storm water from project.



Roadside ditch leads to culvert under Route 61.

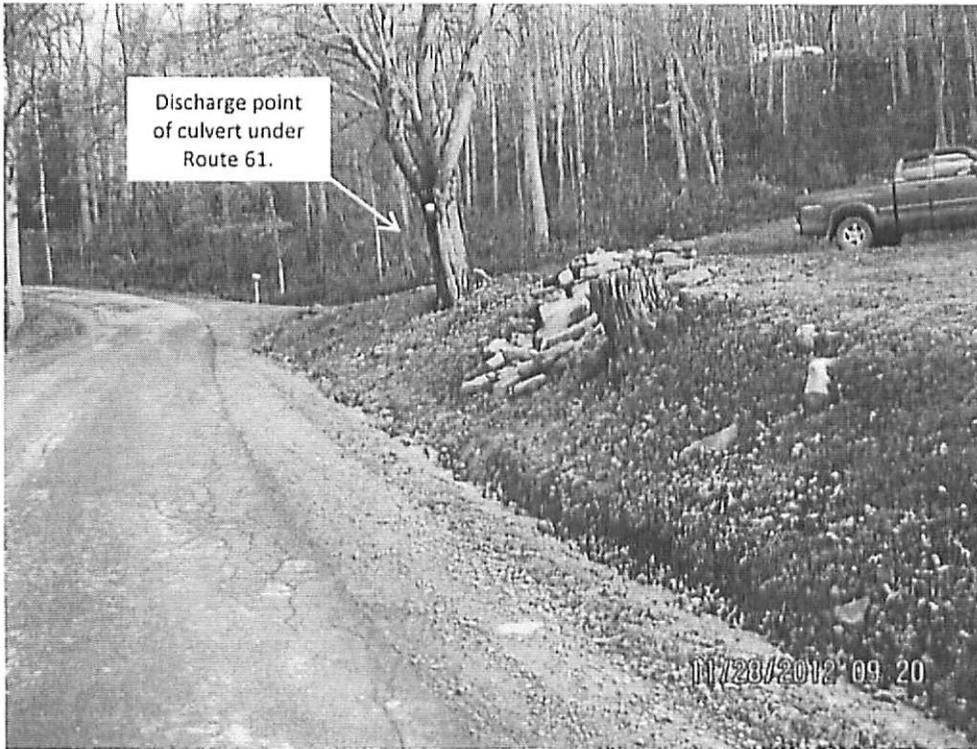
Arrow WV, WVR105872, Logistics Access Road, 11-28-12



Discharge point of culvert under Route 61.



Ditch just below culvert discharge.



Ditch line along Kelly Ave. below culvert discharge.



Reverse angle of Kelly Ave. ditch line.

Arrow WV, WVR105872, Logistics Access Road, 11-28-12



Kelly Ave. ditch line flows under road and into Mill Creek.



Sediment laden water flowing via ditch line into Mill Creek.



Sediment laden water flowing via ditch line into Mill Creek.



Conditions Not Allowable in Mill Creek from Logistics Access Road project.

Base Penalty Calculation

(pursuant to 47CSR1-6.1)

Responsible Party: Arrow WV, Inc. Receiving Stream: Barren Branch

Treatment System Design Maximum Flow: _____ MGD

Treatment System Actual Average Flow: _____ MGD (if known)

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

1)	Potential for Harm Factor	Factor Range	FOF#												
			4.a.	4.b.	5.a.	5.b.	5.c.								
a)	Amount of Pollutant Released	1 to 3	2	2	1	1	1								
b)	Toxicity of Pollutant	0 to 3	1	1	1	1	1								
c)	Sensitivity of the Environment	0 to 3	1	1	1	1	1								
d)	Length of Time	1 to 3	1	1	1	2	2								
e)	Actual Exposure and Effects thereon	0 to 3	1	1	1	1	1								
Average Potential for Harm Factor			1.2	1.2	1	1.2	1.2	No							
2)	Extent of Deviation Factor	Factor Range													
	Degree of Non-Compliance	1 to 3	2	2	2	2	2								

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		\$4,290
6.2.b.4 - Compliance/noncompliance history	25		\$3,575
6.2.b.6 - Economic benefits - (flat monetary increase)			\$0
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
Penalty Adjustments			\$7,895
Penalty =			\$22,195

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	
Competitive Advantage	
Estimated Economic Benefit	\$0
Comments:	