
FLOODPLAIN PERMIT #25-692

Antero Resources, 1960 Arnolds Creek Rd, Oxford 98 Slip Repair, 39.253762, -80.811522

TASK	COMPLETE (DATE)	NOTES
CHECK RECEIVED	7/29/2025	\$250
US ARMY CORP. ENGINEERS (USACE)		
US FISH & WILDLIFE SERVICES (USFWS)		
WV DEPT. NATURAL RESOURCES (WVDNR)		
WV DEPT. ENVIROMENTAL PROTECTION (WVDEP)		
STATE HISTORIC & PRESERVATION OFFICE (SHPO)		
OFFICE of LAND & STREAM (OLS)		
WVDOH		
Elevation Certificate		
DATE OF COMMISSION READING	8/5/2025	
DATE AVAILABLE TO BE GRANTED	8/25/2025	
PERMIT GRANTED		
COMPLETE		

9589 0710 5270 0991 8181 93

9589 0710 5270 0991 8182 09

9589 0710 5270 0991 8182 16



Doddridge County, WV Floodplain Management

This permit gives approval for the development/ project listed that impacts the FEMA-designated floodplain and/or floodway of Doddridge County, WV, pursuant to the rules and regulations established by all applicable Federal, State and local laws and ordinances, including the Doddridge County Floodplain Ordinance. ***This permit must be posted at the site of work as to be clearly visible and must remain posted during entirety of development.***

Permit #: 25-692

Date Approved: 8/25/2025

Expires: 8/25/2026

Issued to: Antero Resources

POC: Anthony Ludovici

Company Address: 535 White Oaks Blvd., Bridgeport, WV 26330

Project Address: 1960 Arnolds Creek, West Union, WV 26456

Firm: 54017C120C

Lat/Long: 39.253762, -80.811522

Purpose of development: Oxf. 98 Slip Repair

Issued by: George C. Eidel, CFM Doddridge County FPM (or designee)

George C. Eidel

Date: 8/25/2025

For additional information regarding this permit, please contact
Doddridge County Floodplain Manager at 304.873.1343, or via email at
geidel@doddridgecountywv.gov
99 Court St. Street Suite128; West Union, WV 26456



Doddridge County Floodplain Permits

(Week of August 4, 2025)

Please take notice that on the (29th) of (July), 2025, (Antero Resources) filed an application for a Floodplain Permit (#25-692) to develop land located at or about (1960 Arnolds Creek Road);

Coordinates: 39.253762, -80.811522. The Application is on file with the Floodplain Manager of the County and may be inspected or copied during regular business hours in accordance with WV Code Chapter 29B Freedom of Information, Article 1 Public Records and county policy and procedures. Any interested persons who desire to comment shall present the same in writing by **(August 25, 2025)** (20 calendar days after the announcement at the regularly scheduled Doddridge County Commission Meeting) delivered to the Floodplain Manager of the County at 99 Court Street, Suite 128, West Union, WV 26456. This project is a slip repair

GEORGE C. EIDEL, CFM

Doddridge County Floodplain Manager

COPY

COPY

COPY

COPY

KLEINFELDER OFFICE CHECKING
770 FIRST AVENUE, SUITE 400
SAN DIEGO, CA 92101

14530

19-10/1250

DATE 7/24/2025

PAY TO THE
ORDER OF

Doddridge County Commission

\$ 250.00

Two hundred fifty and

00/100

DOLLARS



Security Features
Included.
Details on Back.

us bank.

FOR

26001413.0014

Denise A. Lane

MP

⑈014530⑈ ⑆125000105⑆ 157519869794⑈

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TRANSMITTAL

To: Mr. George Eidel
Floodplain Manager
99 Court Street, Suite #128
West Union, WV 26456

Date: July 25, 2025

JUL 29 '25 AM 11:36

cc: Project File

Subject: Doddridge County Floodplain Permit Application
Antero Midstream
Oxford 98 Pipeline 45+25 Slip Repair
Doddridge County, West Virginia



Attached



Under separate cover

Via:

- ☐ Messenger/Courier
- ☐ First Class Mail
- ☒ FedEx
- ☐ United Parcel
- ☐ DHL
- ☐ Lone Star Overnight
- ☐ Freight
- ☐ Other

Transmitted:

- ☐ As Requested
- ☒ For Approval
- ☐ For Your Use
- ☐ For Review & Comment

Remarks:

Enclosed please find the following documents to facilitate your review of the above referenced application:

Attachment A – Floodplain Application

Attachment B – Table of Property Owners

Attachment C – No-Rise Certificate

Appendix A - WV Flood Tool Map

Appendix B - National Streamflow Statistics – Drainage Area

Appendix C - HEC-RAS Flow Section

Attachment D – Site Plan

Attachment E – Permitting & Coordination Table

The attached check for fee is \$250.00. The site budget within the Floodplain is less than \$50,000 bringing the permit fee to \$250.00.

By: **Matt Albright**
Project Manager
2100 Georgetown Drive, Suite 201
Sewickley, PA 15143
d| 724.200.7508
m| 609.947.5296



ATTACHMENT A FLOODPLAIN APPLICATION



Permit# 25-692
Project OXF 98 Slip Repair Name: _____
Permittees Name: Anter Resources

JUL 29 '25 AM 11:36

Doddridge County, WV

Floodplain Development Permit Application

This document is to be used for projects that impact/potentially impact the FEMA---designated floodplain and/or floodway of Doddridge County, WV pursuant to the rules and regulations established by all applicable Federal, State and local laws and ordinances, including the Doddridge County Floodplain Ordinance.

SECTION 1: GENERAL PROVISIONS (APPLICANT TO READ AND SIGN)

1. No work may start until a permit is issued.
2. The permit may be revoked if any false statements are made herein.
3. If revoked, all work must cease until permit is re-issued.
4. The permit will expire if no work is commenced within six months of issuance.
5. Applicant is hereby informed that other permits may be required to fulfill local, state, and federal requirements.
6. Applicant hereby gives consent to the Floodplain Administrator/Manager or his/her representative to make inspections to verify compliance.
7. I THE APPLICANT CERTIFY THAT ALL STATEMENTS HEREIN AND IN ATTACHMENTS TO THIS APPLICATION ARE, TO THE BEST OF MY KNOWLEDGE, TRUE AND ACCURATE.

APPLICANT'S SIGNATURE *Anthony J. [Signature]*

DATE 7/25/2025

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Applicant Information:

Please provide all pertinent data.

Applicant Information				
Responsible Company Name: Antero Midstream				
Corporate Mailing Address: 1615 Wynkoop Street				
City: Denver	State: CO	Zip: 80202		
Corporate Point of Contact (POC): N/A				
Corporate POC Title: N/A				
Corporate POC Primary Phone: N/A				
Corporate POC Primary Email: N/A				
Corporate FEIN: N/A	Corporate DUNS: N/A			
Corporate Website: www.anteroresources.com				
Local Mailing Address: 535 White Oaks Blvd				
City: Bridgeport	State: WV	Zip: 26330		
Local Project Manager (PM): Anthony Ludovici				
Local PM Primary Phone: (304) 627-9120				
Local PM Secondary Phone: N/A				
Local PM Primary Email: aludovici@anteroresources.com				
Person Filing Application: Anthony Ludovici				
Applicant Title: Environmental Specialist II				
Applicant Primary Phone: (304) 627-9120				
Applicant Secondary Phone: N/A				
Applicant Primary Email: aludovici@anteroresources.com				

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Project Narrative:

Describe in detail the proposed development including project name/title, type of development, estimated start and completion timeline, and its potential impact on the floodplain. Use additional copies of this page as needed.

Project Narrative:

Antero Midstream (Antero) is proposing to perform slip repair activities along the existing Oxford 98 Pipeline in Doddridge County, West Virginia. Known as the Oxford 98 Pipeline 45+25 Slip Repair, the site is located at approximately 39.253773, -80.811529.

The proposed slip repair activities will result in a limit of disturbance of approximately 0.005 acres and are in the vicinity of where slip repair activities were performed under the floodplain permit approval from April 22, 2024 (Permit #24-650) for the Oxford 98 Pipeline 46+00 Slip Repair. The West Virginia Flood Tool Map is included in Appendix A of Attachment C and depicts the approximate location where work associated with the proposed slip repairs will encroach upon the Right Fork Arnold Creek regulated floodplain. Slip repair activities within the floodplain may include the installation of erosion and sediment controls, removal of failed materials, subsurface drainage installation with outlet(s), soils compacted and returned near original contours, and stabilization with seed/mulch/rolled erosion blankets.

A site plan of the proposed site is included in Attachment D.

A No-Rise Certification has been prepared and is included as Attachment C, which indicates that the proposed temporary construction activities will not affect the base flood elevation.

A permitting and coordination table is included in Attachment E that outlines all necessary permits and current status.

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Proposed Development:

Please check all elements of the proposed project that apply.

DESCRIPTION OF WORK (CHECK ALL APPLICABLE BOXES)

A. STRUCTURAL DEVELOPMENT

<u>ACTIVITY</u>	<u>STRUCTURAL TYPE</u>
<input type="checkbox"/> New Structure	<input type="checkbox"/> Residential (1 – 4 Family)
<input type="checkbox"/> Addition	<input type="checkbox"/> Residential (more than 4 Family)
<input type="checkbox"/> Alteration	<input type="checkbox"/> Non-residential (floodproofing)
<input type="checkbox"/> Relocation	<input type="checkbox"/> Combined Use (res. & com.)
<input type="checkbox"/> Demolition	<input type="checkbox"/> Replacement
<input type="checkbox"/> Manufactured/Mobil Home	

B. OTHER DEVELOPMENT ACTIVITIES:

- | | | | |
|-------------------------------|---------------------------------|-----------------------------------|--|
| <input type="checkbox"/> Fill | <input type="checkbox"/> Mining | <input type="checkbox"/> Drilling | <input checked="" type="checkbox"/> Pipelining |
|-------------------------------|---------------------------------|-----------------------------------|--|
- ☒ Grading
- ☒ Excavation (except for STRUCTURAL DEVELOPMENT checked above)
- ☐ Watercourse Alteration (including dredging and channel modification)
- ☐ Drainage Improvements (including culvert work)
- ☐ Road, Street, or Bridge Construction
- ☐ Subdivision (including new expansion)
- ☐ Individual Water or Sewer System
- ☐ Other (please specify)

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Development Site/Property Information:

Please provide physical description of the site/property, along with pertinent ownership (surface and mineral rights) data as applicable. Attach appropriate maps from the WV Flood Tool showing location of proposed development. Use additional copies of this page if development spans multiple property boundaries. Designate each property by number (i.e. Property 1 of 1, Property 2 of 7, etc.)

Property Designation: 1 of 1

Site/Property Information:		
Legal Description: Oxford 98 Pipeline 45+25 Slip Repair		
Physical Address/911 Address: Arnolds Creek Rd, West Union, WV, 26456		
Decimal Latitude/Longitude: 39.253773, -80.811529		
DMS Latitude/Longitude:		
District: 8 (West Union)	Map: 19	Parcel: See Attachment B Property Owner Table
Land Book Description: N/A		
Deed Book Reference: N/A		
Tax Map Reference: N/A		
Existing Buildings/Use of Property: N/A		

Floodplain Location Data: (to be completed by Floodplain Manager or designee)			
Community: <u>Doddridge</u>	Number: <u>540024</u>	Panel: <u>54017C0120</u>	Suffix: <u>C</u>
Location (Lat/Long): <u>39.253762, -80.811522</u>		Approximate Elevation:	
Estimated BFE:			
Is the development in the floodway? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Is the development in the floodplain? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Zone: <u>A</u>	
Notes:			

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Property Owner Data:

Please provide data on current site/property landowner(s), both surface and mineral rights (as applicable). Use additional copies of this page as needed. Designate each page in relation to each property listed above.

Property Designation: 1 of 1

Property Owner Data:		
Name of Primary Owner (PO): See Table of Property Owners (Attachment B)		
PO Address: N/A		
City: N/A	State: N/A	Zip: N/A
PO Primary Phone: N/A		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Surface Rights Owner Data:		
Name of Primary Owner (PO): N/A		
PO Address: N/A		
City: N/A	State: N/A	Zip: N/A
PO Primary Phone: N/A		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Mineral Rights Owner Data: (As Applicable)		
Name of Primary Owner (PO): N/A		
PO Address: N/A		
City: N/A	State: N/A	Zip: N/A
PO Primary Phone: N/A		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Contractor Data:

Please provide all pertinent data for contractors and sub---contractors that may be participating in this project. Use additional copies of this page as needed. Designate each page in relation to each property listed above.

Property Designation: 1 of 1

Contractor/Sub--Contractor (C/SC) Information:

C/SC Company Name: One contractor to be selected from the following: DAC Energy (#WV050789), RDR Utility Services Group (WV047502), Louisa Construction (#WV034890), Open Range Resources (#WV061061), Traymark (#WV055411).

C/SC Company Name: See Above

C/SC WV License Number: See Above

C/SC FEIN: TBD

C/SC DUNS: TBD

Local C/SC Point of Contact (POC): TBD

Local C/SC POC Title: TBD

C/SC Mailing Address: TBD

City: TBD

State: TBD

Zip--Code: TBD

Local C/SC Office Phone: TBD

Local C/SC POC Phone: TBD

Local C/SC POC E--Mail: TBD

Engineer Firm Information:

Engineer Firm Name: Kleinfelder, Inc. (No-Rise Cert Only)

Engineer WV License Number: 25121

Engineer Firm FEIN: N/A

Engineer Firm DUNS: N/A

Engineer Firm Primary Point of Contact (POC): Matt Albright

Engineer Firm Primary POC Title: Project Manager

Engineer Firm Mailing Address: 2100 Georgetown Drive, Suite 201

City: Sewickley

State: PA

Zip--Code: 15143

Engineer Firm Office Phone: 724-772-7072

Engineer Firm Primary POC Phone: 609-947-5296

Engineer Firm Primary POC E--Mail: MAlbright@kleinfelder.com

Adjacent and/or Affected Landowners Data

Please provide data for all adjacent and/or affected surface owners (both up and down stream) whose property may be impacted by proposed development as demonstrated by a floodplain study or survey. Use additional copies of this page as needed.

Adjacent Property Owner Data: Upstream		
Name of Primary Owner (PO): See Table of Property Owners (Attachment B)		
Physical Address: N/A		
City: N/A	State: N/A	Zip: N/A
PO Primary Phone: N/A		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Adjacent Property Owner Data: Upstream		
Name of Primary Owner (PO): N/A		
Physical Address: N/A		
City: N/A	State: N/A	Zip: N/A
PO Primary Phone: N/A		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Adjacent Property Owner Data: Downstream		
Name of Primary Owner (PO): See Table of Property Owners (Attachment B)		
Physical Address: N/A		
City: N/A	State: N/A	Zip: N/A
PO Primary Phone: N/A		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Adjacent Property Owner Data: Downstream		
Name of Primary Owner (PO): N/A		
Physical Address: N/A		
City: N/A	State: N/A	Zip: N/A
PO Primary Phone: N/A		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Site Plan

A Site Plan is an accurate and detailed map of the proposed development for this project. It shows the size, shape, location and special features of the project property, and the size and location of any development planned to the property, especially as that development will impact the floodplain and/or floodway. Site plans show what currently exists on the project property, and any changes or improvements you are proposing to make. **A certified and licensed engineering firm should complete site plans.**

A SITE PLAN MUST CONTAIN THE FOLLOWING INFORMATION:

1. Legal description of the parcel, north arrow and scale
2. All property lines and their dimensions
3. Names of adjacent roads, location of driveways
4. Location of sloughs, tributaries, streams, rivers, wetlands, ponds, and lakes, with setbacks indicated, and including FEMA floodplain data based on most updated FIRM.
5. Location, size, shape of all buildings, existing and proposed, with elevation of lowest floor indicated.
6. Location and dimensions of existing or proposed on-site sewage systems.
7. Location of all propane tanks, fuel tanks or other liquid storage tanks whether above ground or below ground level.
8. Location and dimensions of any proposed pipeline placement(s) into floodplain/floodway.
9. Location and dimensions of any roadway development into floodplain/floodway. *(Includes initial development access roads)*
10. Location and dimensions of any bridge and/or culvert development into floodplain/floodway.
11. Location and dimensions of any storage yard or facility into the floodplain/floodway.
12. Location of any existing utilities and/or proposed utility placement and/or displacement.
13. Location, dimensions and depth of any existing or proposed fill on site.
14. A survey showing the **existing ground elevations** of at least location on the building site. **ELEVATION NOTE:** All vertical datum will reference either NGVD 29 or NAVD 88. Assumed datum will not be acceptable unless the property is located in an area where vertical datum has not been published. For those areas where vertical datum has not been established, a site plan with contours, elevations using assumed datum, high water marks and existing water levels of sloughs, rivers, lakes or streams and proposed lowest floor elevation.

Applicant

Please read print name, sign and date below:

- I certify that I am authorized to submit this application for the primary project developer.
- I certify that the information included in this application is to the best of my knowledge true and complete.
- I certify that all required Federal, State, and local permits required by law and/or ordinance for the above described development of this project have will be properly attained, are current and valid, and must be presented prior to a Doddridge County Floodplain Permit being issued.
- I understand that if in the course of the development project additional permits become required that were not needed during the initial proposal, the primary developer must notify the Doddridge County Floodplain Manager within 48 hours of such need, and that a "Stop Work" order may be issued for all project work directly impacting the floodplain or floodway, until such time the required additional permits are acquired.
- I understand that once the floodplain permit is submitted, the application will be entered into official public record at the next regularly scheduled Doddridge County Commission meeting after the date of submittal.
- I understand that from the date of submittal of the fully completed permit application, the Doddridge County Floodplain Manager has ninety (90) days to make a determination to either grant or deny said permit application. During this approval period, the Doddridge County Floodplain Manager may, at his or her discretion, conduct a review and/or additional study of provided documentation by means of an independent engineering firm. All costs associated with said review and/or study must be reimbursed to the County before issuance of approved permit.
- I understand that during the approval period, the Doddridge County Floodplain Manager of designee may at his or her discretion conduct site visits and document conditions of proposed development pursuant to the permit application.
- I understand that once the Floodplain Permit is granted, the permit will be entered into official public record. Appeals to the permit may be made no later than twenty (20) days after said issuance. If a valid appeal is submitted, as determined by the Doddridge County Floodplain Manager, a "Stop Work" order will be issued for all project development directly involving the floodplain or floodway. A public hearing by the Doddridge County Appeals Board will be scheduled no less than ten (10) days after the next regularly scheduled Doddridge County Commission meeting.
- I understand that all decisions of the Doddridge County Appeals Board shall be final.
- **I understand issuance of a Floodplain Permit authorizes me to proceed with construction as proposed.**
- In signing this application, the primary developer hereby grants the Doddridge County Floodplain Manager or designee the right to enter onto the above---described location to inspect the development work proposed, in progress, and/or completed.
- I understand that if I do not follow exactly the site---plan submitted and approved by this permit that a "Stop Work" order may be issued by the Doddridge County Floodplain Manager and that I must stop all construction immediately until discrepancies of actual work vs. proposed work is resolved.

Applicant Signature:  Date: 7/25/2025

Applicant Printed Name: Anthony Ludovici



ATTACHMENT B TABLE OF PROPERTY OWNERS

Table of Property Owners

PROPERTY OWNER	PARCEL ID NUMBER	E-911 ADDRESS	PROPERTY OWNER ADDRESS	IN FLOODPLAIN
TURNER GERALD C & JUANITA L (SURV)	09-08-0019-0008-0000	58 TURNER DR , WEST UNION, WV, 26456 42 TURNER DR , WEST UNION, WV, 26456 2326 ARNOLDS CREEK RD, WEST UNION, WV, 26456 269 JB HOLW , WEST UNION, WV, 26456 2772 ELLIOT RD , WEST UNION, WV, 26456	58 TURNER DR, WEST UNION, WV 26456	YES
TURNER GERALD C & JUANITA L (SURV)	09-08-0019-0008-0001	2260 ARNOLDS CREEK RD, WEST UNION, WV, 26456	58 TURNER DR, WEST UNION, WV 26456	YES (UPSTREAM)
BROWNING KARLEN SUE	09-08-0019-0014-0000	NO E-911 ADDRESS FOUND FOR THIS PARCEL	1899 GOOSE CREEK RD, WAYNESBORO, VA 22980	YES (UPSTREAM)
BRITTON MICHAEL R	09-08-0019-0015-0000	1808 ARNOLDS CREEK RD, WEST UNION, WV, 26456 1394 PUNKIN CENTER RD, WEST UNION, WV, 26456	1960 ARNOLDS CK, WEST UNION, WV 26456	YES (DOWNSTREAM)



ATTACHMENT C NO-RISE CERTIFICATE



This is to certify that I am a duly qualified registered professional engineer licensed to practice in the State of West Virginia.

It is further to certify that based on the information provided to me, and the attached technical data supports the fact, the floodplain encroachments for the Oxford 98 Pipeline (Site) will not impact the 100-year flood elevation of Right Fork Arnold Creek at the published section in the Flood Insurance Study for Doddridge County (Community ID 540024) effective October 4, 2011 and will not impact the 100-year flood elevation at unpublished cross-sections in the vicinity of the proposed development. Work to be performed within the floodplain limits that was considered during the evaluation includes the slope slip repair activities, including erosion control, removal of failed materials, subsurface drainage installed with outlet, soils compacted and returned near original contours, stabilization with seed/mulch/rolled erosion blankets.

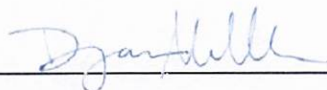
Based on the analysis completed in February 2022 and February 2024 for the project, it was determined that, while the area of the proposed work may be within the delineated flood plain, the scope of work proposed is minor and will not adversely affect the floodplain elevations. No work should be conducted within a timeframe when expected storms could elevate the water surface to flood elevations.

The total watershed (drainage basin) for the Right Fork Arnold Creek floodplain encroachments were shown to be 4.0 square miles, and maximum flows were calculated utilizing the National Streamflow Statistics (NSS) application available online. A Hydrologic Engineering Center's – River Analysis System (HEC-RAS) analysis was completed, based on the drainage area above and associated flows, to verify that no influence will occur due to the proposed activities within the floodplain for Right Fork Arnold Creek. The flows compared for the affected area are attached.

Attached are the following documents that support my findings:

Maps of the Site from the West Virginia Flood Tool
National Streamflow Statistics – Drainage Area Flow
HEC-RAS Flow Section

Date: July 23, 2025

Signature: 

Title: Project Manager



APPENDIX A
WV FLOOD TOOL MAP

WV Flood Map-Oxford 98 PL 45+25 Slip Rep



This map is not the official regulatory FIRM or DFIRM. Its purpose is to assist with determining potential flood risk for the selected location.

<div> <div></div> <div>Regulatory Floodway</div> </div> <div> <div>Zone AE</div> <div>1-Percent-Annual-Chance Flood Hazard Area With Base Flood Elevation (BFE)</div> </div> <div> <div>Zone A</div> <div>1-Percent-Annual-Chance Flood Hazard Area Without BFE (may have Advisory Flood Heights)</div> </div> <div> <div>Advisory</div> <div>1-Percent-Annual-Chance Future Conditions (High Risk Advisory Flood Zones)</div> </div>	<div> <div></div> <div>Flood Info Location</div> <div>Map created on 7/14/2025</div> </div>
<div> <div>Download the Full Legend for all flood tool symbols</div> <div>https://www.mapwv.gov/flood/map/docs/wv_flood_tool_legend.pdf</div> </div> <div> <div>Disclaimer:</div> <div>The online map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. Refer to the official Flood Insurance Study (FIS) for detailed flood elevation data in flood profiles and data tables. WV Flood Tool (https://www.MapWV.gov/flood) is supported by FEMA, WV NFIP Office, and WV GIS Technical Center.</div> </div>	<div> <div>User Notes</div> <div> <div>Flood Hazard Area</div> <div>Location is WITHIN the FEMA 100-year floodplain. Advisory Flood Heights available.</div> </div> <div> <div>Flood Zone</div> <div>A (Advisory Flood Heights available)</div> </div> <div> <div>Stream</div> <div>Right Fork Arnold Creek</div> </div> <div> <div>Watershed (HUC8)</div> <div>Little Musringum-Middle Island (5030201)</div> </div> <div> <div>Flood Height</div> <div>About 842.4 ft (Source: AFH) NAVD88</div> </div> <div> <div>Water Depth</div> <div>About 0.7 ft (Source: HEC-RAS)</div> </div> <div> <div>Elevation</div> <div>844.0 ft (Source: FEMA 2018-20) (NAVD88)</div> </div> <div> <div>Community & ID</div> <div>Doddridge County (ID: 540024)</div> </div> <div> <div>FEMA Map & Date</div> <div>54017C0120C; Effective Date: 10/4/2011</div> </div> <div> <div>Location (lat, long)</div> <div>(39.253762, -80.811522) (WGS84)</div> </div> <div> <div>Parcel ID</div> <div>09-08-0019-0008-0000</div> </div> <div> <div>E-911 Address</div> <div>multiple addresses</div> </div> </div>

APPENDIX B
NATIONAL STREAMFLOW STATISTICS (NSS)
RIGHT FORK ARNOLD CREEK
DODDRIDGE COUNTY, WV

National Streamflow Statistics (NSS)

File Graph Help

Analysis Type: ☒ Peak ☐ Probability ☐ Other

State: Site Name:

Rural

Oxford 98 PL
Basin Drainage Area: 4 square miles
1 Region
Region:
Peak_Flow_Central_Mountains_Region_2010_5033
Drainage_Area = 4 square miles
Crippen & Bue Region 4

Statistic	Value, ft ³ /s	Standard Error, %	Equivalent Years
PK1_5	184	35	2
PK2	233	34	2.1
PK5	374	35	3.2
PK10	484	37	4
PK25	638	41	4.8
PK50	765	44	5.3
PK100	900	48	5.6
PK200	1040	52	5.9
PK500	1250	56	6.1

maximum: 11800 (for C&B region 4)

Urban

No Scenarios Available

Frequency Plot

Hydrograph

Weight

Legend

Basins

Layers

Basemaps

Input Coordinate

examples:

38 15 30.1, -81 25 15.2 (lat, lon)

38.123456, -81.123456 (lat, lon)

500000, 4200000 (UTM as easting, northing)

Lat/Lon WGS 1984 ▼

☒ zoom to point

Go

7Q10 Query Results

Stream Name	Right Fork/Arnold Creek
Stream Code	OMN-13-DA-20
WV Code	WVOMI-40-I
Drainage Area	4.062 sq mi

Exceptions and Warnings

Regulated Flow	N
Regulated Flow Info	NA
Known Losing Stream	N
Potential Karst Influence	N
Potential Non-Perennial	N

Gage-based Estimates

Method	
Upstream Gage	
Downstream Gage	
Annual 7Q10	cfs
Spring 7Q10	cfs
Summer 7Q10	cfs
Fall 7Q10	cfs
Winter 7Q10	cfs

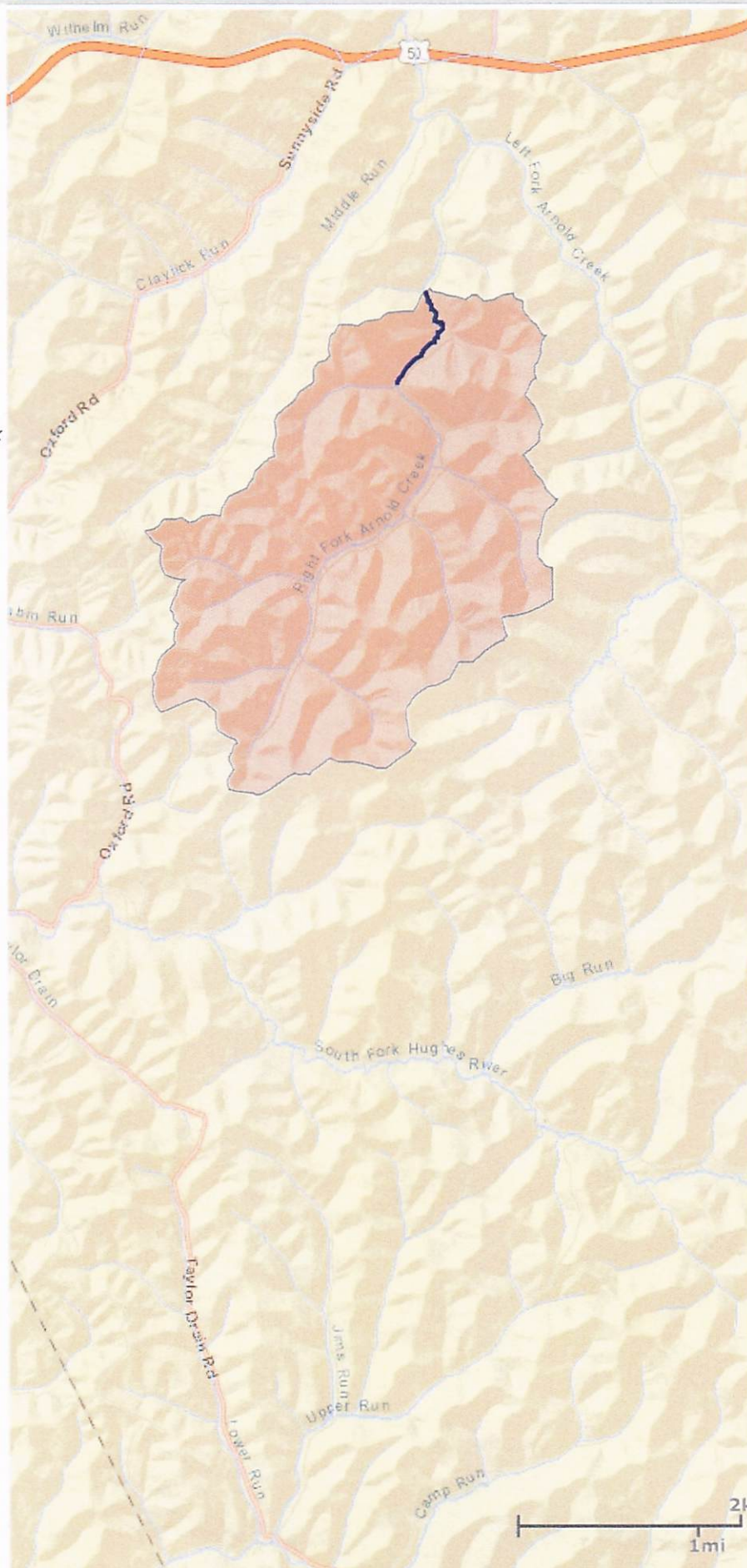
Regional Estimates

Annual 7Q10	0.001	cfs
Spring 7Q10	0.034	cfs
Summer 7Q10	0.001	cfs
Fall 7Q10	0.007	cfs
Winter 7Q10	0.284	cfs
Spring D50	1.582	cfs
Summer D50	0.117	cfs
Fall D50	0.619	cfs
Winter D50	4.067	cfs
D75	0.188	cfs
Harmonic Mean	0.072	cfs

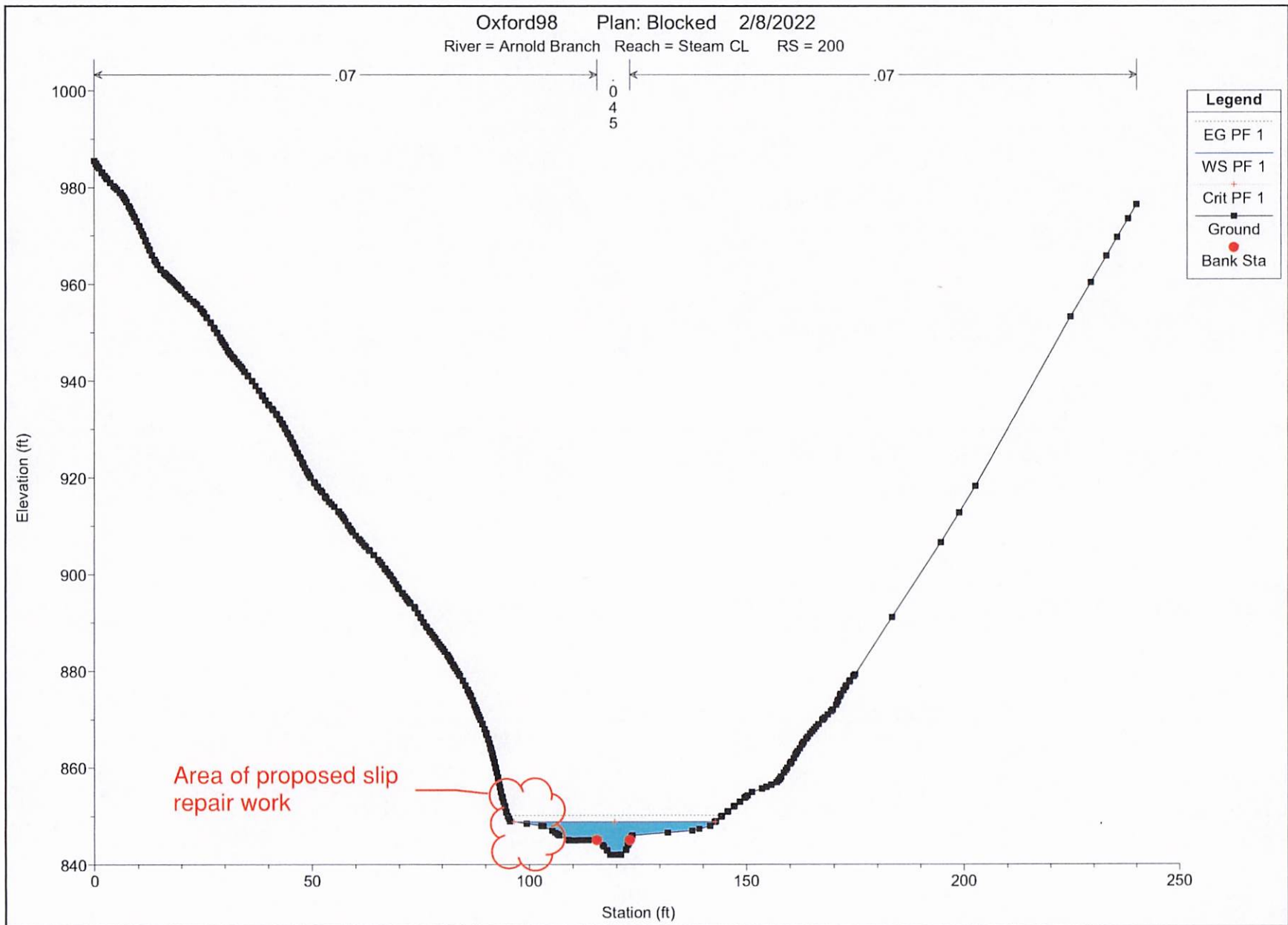
Guidance:

This stream is not proximate to a stream gage. Use the regional estimate.

[flow calculation methods](#)

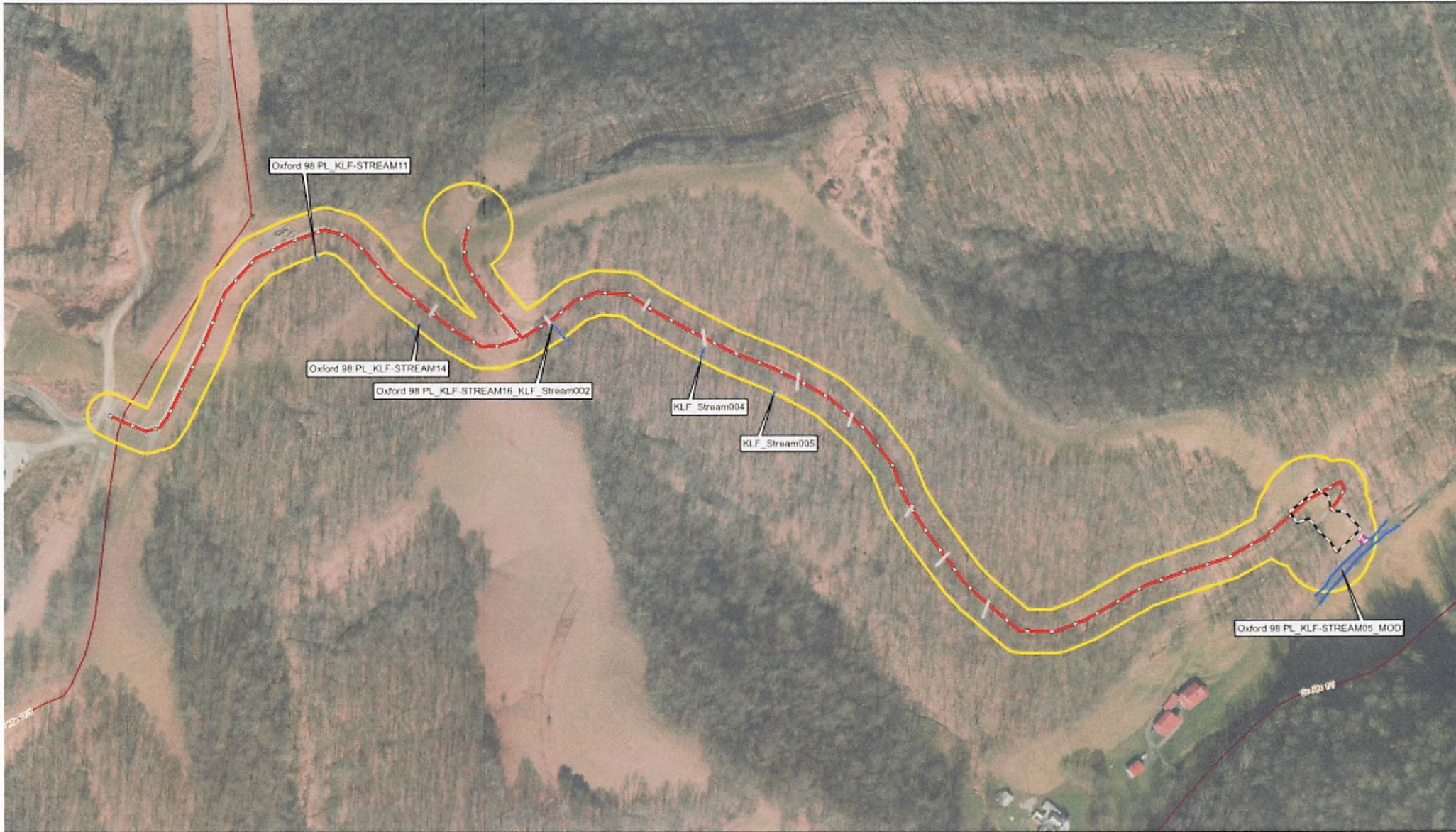


APPENDIX C
HEC-RAS FLOW SECTION
RIGHT FORK ARNOLD CREEK
DODDRIDGE COUNTY, WV





ATTACHMENT D SITE PLAN



<p>KLEINFELDER <small>INCORPORATED</small> <small>www.kleinfelder.com</small></p> <p>PROJ. NO. 24954778 DRAWN BY S. L. S. 1/25/22 CHECKED BY M. J. S. 1/25/22</p> <p><small>Information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Kleinfelder makes no representation or warranty, express or implied, as to accuracy, completeness, timeliness, or rights to the use of information. This document is not intended for use as a legal survey product nor is it designed to be used as a construction design document. This use or misuse of this information is the responsibility of the user. Kleinfelder is not responsible for any errors or omissions in this information.</small></p>	<p>0 100 200 FT</p> <p>N W E S</p> <p>Doddridge County West Virginia</p> <p><small>Aerial Imagery © 2021</small></p>	<p>ACI (10.4 ac) Oxford 98 PL 48+00 Slip Repair LOD (0.2 ac) Oxford 98 PL 45+25 Slip Repair LOD (0.005 ac) Access Road</p>	<p>Ephemeral Stream Perennial Stream Existing Culvert Existing Road</p>	<p>Antero Midstream</p> <p>Site Plan Oxford 98 PL 45+25 Slip Repair</p> <p>Date: 7/22/2025 Index Map</p>
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ATTACHMENT E PERMITTING & COORDINATION TABLE

Permitting & Coordination Table

Permitting Agency	Permit/Coordination Required	Submitted	Received (Anticipated)	Status
County Floodplain	Doddridge County Floodplain Application	07/25/25	(09/08/25)	Pending

The Doddridge Independent

The Doddridge Independent PUBLISHER'S CERTIFICATE

I, Michael D. Zorn, Publisher of The
Doddridge Independent, A newspaper of
general circulation published in the town
of West Union, Doddridge County,
West Virginia, do hereby certify that:

Please take notice that on the (29th) of (July), 2025, (Antero
Resources) filed an application for a Floodplain Permit
(#25-692) to develop land located at or about (1960 Arnolds
Creek Road); Coordinates: 39.253762, -80.811522.

was published in The Doddridge Independent
2 times commencing on Friday, August 8, 2025 and
Ending on Friday, August 22, 2025 at the request of:

**George Eidel, Doddridge County Floodplain
Manager & Doddridge County Commission**

Given under my hand this Tuesday, August 26, 2025

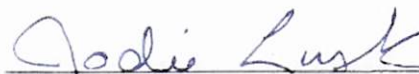
The publisher's fee for said publication is:

\$ 31.05 1st Run/\$ 23.29 Subsequent Runs
This Legal Ad Total: \$ 54.34


Michael D. Zorn
Publisher of The Doddridge Independent

Subscribed to and sworn to before me on

this date: 8 / 26 / 25


Notary Public in and for Doddridge County
My Commission expires on

The 20 day of May 2030

Floodplain Public Notice • Legal Notice

Doddridge County Floodplain Permits (Week of August 4, 2025)

Please take notice that on the (29th) of (July), 2025, (Antero
Resources) filed an application for a

Floodplain Permit (#25-692) to develop land located at or
about (1960 Arnolds Creek Road); Coordinates: 39.253762,
-80.811522. The Application is on file with the Floodplain
Manager of the County and may be inspected or copied
during regular business hours in accordance with WV Code
Chapter 29B Freedom of Information, Article 1 Public Records
and county policy and procedures. Any interested persons
who desire to comment shall present the same in writing by
(August 25, 2025) (20 calendar days after the announcement
at the regularly scheduled Doddridge County Commission
Meeting) delivered to the Floodplain Manager of the County
at 99 Court Street, Suite 128, West Union, WV 26456. This
project is a slip repair. C2 8/8 - 8/22

The Doddridge Independent, LLC
 187 Main Street
 West Union, WV 26456
 +13048448040

Invoice



BILL TO

George Eidel
 Doddridge County OES/Floodplain
 99 Court Street, Suite 128
 West Union, WV 26456-2095 USA

INVOICE #	DATE	TOTAL DUE	DUE DATE	TERMS	ENCLOSED
6914	08/26/2025	\$217.36	09/25/2025	Net 30	

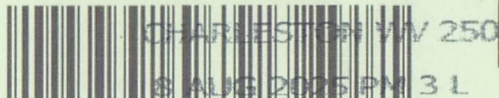
DATE	ACCOUNT SUMMARY	AMOUNT
08/08/2025	Balance Forward	54.34
	Other payments and credits after 08/08/2025 through 08/25/2025	-54.34
08/26/2025	Other invoices from this date	0.00
	New charges (details below)	217.36
	Total Amount Due	217.36

ACTIVITY	QTY	RATE	AMOUNT
Legal Ad Class 2 Class 2 Legal Ad - Please take notice that on the (29th) of (July), 2025, (Antero Resources) filed an application for a Floodplain Permit (#25-692) to develop land located at or about (1960 Arnolds Creek Road); Coordinates: 39.253762, -80.811522.	1	54.34	54.34
Legal Ad Class 2 Class 2 Legal Ad - Please take notice that on the (8th) of (August), 2025, (Michael Herrick) filed an application for a Floodplain Permit (#25-695) to develop land located at or about (3764 Big Isaac Road); Coordinates: 39.201165, -80.548572.	1	54.34	54.34
Legal Ad Class 2 Class 2 Legal Ad - Please take notice that on the (31st) of (July), 2025, (CEC on behalf of MPLX) filed an application for a Floodplain Permit (#25-693) to develop land located at or about (296 Swisher Lane, West Union); Coordinates: 39.277744, -80.686964.	1	54.34	54.34
Legal Ad Class 2 Class 2 Legal Ad - Please take notice that on the (31st) of (July), 2025, (McClellan Volunteer Fire Department) filed an application for a Floodplain Permit (#25-694) to develop land located at or about (9007 Route 23 N.); Coordinates: 39.390233, -80.635031.	1	54.34	54.34

Thank you for your business...

SUBTOTAL	217.36
TAX	0.00
TOTAL	217.36
TOTAL OF NEW CHARGES	217.36
BALANCE DUE	\$217.36

USPS TRACKING #

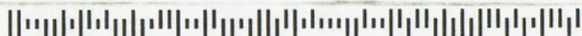


First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

9590 9402 9376 5002 6889 98

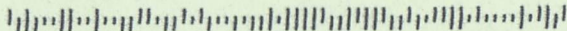
United States
Postal Service

• Sender: Please print your name, address, and ZIP+4® in this box•



Doddridge County Floodplain Manager
99 Court St. Suite 128
West Union, WV 26456

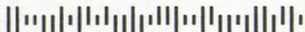
25-692



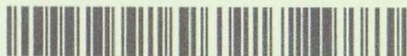
SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, if space permits.

1. Article



Michael Britton
1960 Arnolds Creek Rd
West Union, WV 26456



9590 9402 9376 5002 6889 98

2. Article Number (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery (over \$500)

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

7 AUG 2025 PM 12

7 AUG 2025 PM 2 L

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

9590 9402 9376 5002 6889 74

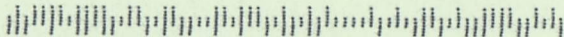
**United States
Postal Service**

... address and 7ID+10 in this hex.

Doddridge County Floodplain Manager
99 Court St. Suite 128
West Union, WV 26456

25-692

20159



SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:



Gerald & Juanita Turner
58 Turner Drive
West Union, WV 26456



9590 9402 9376 5002 6889 74

2. Article Number (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below:

☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery (over \$500)

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

USPS TRACKING#



RICHMOND VA RPDC 230

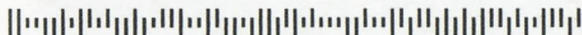
11 AUG 2025 PM 4 L

9590 9402 9376 5002 6889 81

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

United States
Postal Service

• Sender: Please print your name, address, and ZIP+4® in this box•



Doddridge County Floodplain Manager
99 Court St. Suite 128
West Union, WV 26456

25-692



SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

**Karlen Sue Browning
1899 Goose Creek Rd.
Waynesboro, VA. 22980**



9590 9402 9376 5002 6889 81

2. Article Number (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

B. Received by (Printed Name)

KARLEN BROWNING

☐ Agent

☐ Addressee

C. Date of Delivery

D. Is delivery address different from item 1?

☐ Yes

If YES, enter delivery address below:

☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery (over \$500)

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 5.30

Extra Services & Fees (check box, add fee as appropriate)

- ☒ Return Receipt (hardcopy) \$ 4.40
☐ Return Receipt (electronic) \$ _____
☐ Certified Mail Restricted Delivery \$ _____
☐ Adult Signature Required \$ _____
☐ Adult Signature Restricted Delivery \$ _____

Postage

\$ 0.74

Total Postage and Fees

\$ 10.44

Sent To

Michael Britton

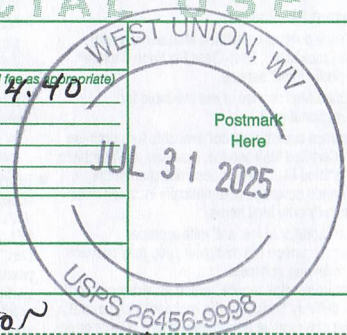
Street and Apt. No., or PO Box No.

1960 Arnolds Creek Rd

City, State, ZIP+4®

West Union, WV. 26456

25-692



Certified Mail service provides the following benefits:

- A receipt (this portion of the Certified Mail label).
- A unique identifier for your mailpiece.
- Electronic verification of delivery or attempted delivery.
- A record of delivery (including the recipient's signature) that is retained by the Postal Service™ for a specified period.

Important Reminders:

- You may purchase Certified Mail service with First-Class Mail®, First-Class Package Service®, or Priority Mail® service.
- Certified Mail service is *not* available for international mail.
- Insurance coverage is *not* available for purchase with Certified Mail service. However, the purchase of Certified Mail service does not change the insurance coverage automatically included with certain Priority Mail items.
- For an additional fee, and with a proper endorsement on the mailpiece, you may request the following services:
 - Return receipt service, which provides a record of delivery (including the recipient's signature). You can request a hardcopy return receipt or an electronic version. For a hardcopy return receipt, complete PS Form 3811, *Domestic Return Receipt*; attach PS Form 3811 to your mailpiece;

for an electronic return receipt, see a retail associate for assistance. To receive a duplicate return receipt for no additional fee, present this USPS®-postmarked Certified Mail receipt to the retail associate.

- Restricted delivery service, which provides delivery to the addressee specified by name, or to the addressee's authorized agent.
- Adult signature service, which requires the signee to be at least 21 years of age (not available at retail).
- Adult signature restricted delivery service, which requires the signee to be at least 21 years of age and provides delivery to the addressee specified by name, or to the addressee's authorized agent (not available at retail).
- To ensure that your Certified Mail receipt is accepted as legal proof of mailing, it should bear a USPS postmark. If you would like a postmark on this Certified Mail receipt, please present your Certified Mail item at a Post Office™ for postmarking. If you don't need a postmark on this Certified Mail receipt, detach the barcoded portion of this label, affix it to the mailpiece, apply appropriate postage, and deposit the mailpiece.

IMPORTANT: Save this receipt for your records.

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 5.30

Extra Services & Fees (check box, add fee as appropriate)

☒ Return Receipt (hardcopy) \$ 4.40

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage

\$.74

Total Postage and Fees

\$ 10.44

Sent To

Gerald & Juanita Turner

Street and Apt. No., or PO Box No.

58 Turner Dr

City, State, ZIP+4®

West Union, WV 26456

Postmark
Here

JUL 31 2025

USPS 26456-9998

25-692

9589 0710 5270 0991 8181 93

Certified Mail service provides the following benefits:

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IMPORTANT: Save this receipt for your records.

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 5.30

Extra Services & Fees (check box, add fees as appropriate)

☒ Return Receipt (hardcopy) \$ 4.40

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage

\$.74

Total Postage and Fees

\$ 10.44

Sent To

Karlon Sue Browning

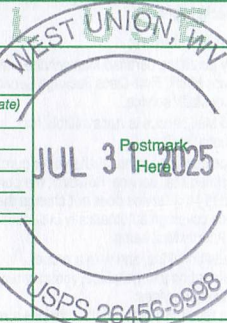
Street and Apt. No., or PO Box No.

1899 Goose Creek Rd

City, State, ZIP+4®

Waynesboro, Va 22980

25-692



9589 0710 5270 0991 8182 09

Certified Mail service provides the following benefits:

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