



## 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 #: 23-624**

**Date Approved: April 24, 2023**

**Expires: April 24, 2024**

**Issued to: Antero Resources Corporation**

**POC: Daniel Bulian**

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

**Project Address: Morgans Run Road West Union, WV 26456**

**Firm: 54017C0140C**

**Lat/Long: 39.285923N, -80.690880W**

**Purpose of development: Road and Ditch Maintenance**

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

**Date: April 24, 2023**

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For additional information regarding this permit, please contact  
Doddridge County Floodplain Manager at 304.873.1343, or via email at  
doddridgecountyfpm@gmail.com  
101 Church Street Suite 102; West Union, WV 26456

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**Allstar Ecology, LLC**  
1582 Meadowdale Road  
Fairmont, WV 26554  
(304)816-3490

Clear Mountain Bank  
69-259/515

04/24/2023

PAY TO THE ORDER OF Doddridge County Commission

\$\*\*250.00

DOLLARS

Two hundred fifty and 00/100\*\*\*\*\*

Doddridge County Commission  
101 Church Street  
Suite #102  
West Union, WV 26456

Floodplain Permit

⑆019567⑆ ⑆051502599⑆ 95086668⑆

Natural Resource Specialists

04/24/2023

Doddridge County Commission

Floodplain Permit App Fee

19567

COPY 250.00

FR # 23-624

ALLSTAR ECOLOGY  
Natural Resources Specialists

Clear Mountain Bank (8668)

Floodplain Permit

250.00

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## FLOODPLAIN PERMIT #23-624

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Antero Resources Morgans Run Road, Road and Ditch Maintenance, 39.285923, -80.690880

<b>TASK</b>	<b>COMPLETE (DATE)</b>	<b>NOTES</b>
<i>CHECK RECEIVED</i>		
<i>US ARMY CORP. ENGINEERS (USACE)</i>		
<i>US FISH &amp; WILDLIFE SERVICES (USFWS)</i>		
<i>WV DEPT. NATURAL RESOURCES (WVDNR)</i>		
<i>WV DEPT. ENVIROMENTAL PROTECTION (WVDEP)</i>		
<i>STATE HISTORIC &amp; PRESERVATION OFFICE (SHPO)</i>		
<i>OFFICE of LAND &amp; STREAM (OLS)</i>		
<i>WVDOH</i>		
<i>Elevation Certificate</i>		
<i>DATE OF COMMISSION READING</i>	April 4, 2023	
<i>DATE AVAILABLE TO BE GRANTED</i>	April 24, 2023	
<i>PERMIT GRANTED</i>		
<i>COMPLETE</i>		

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7021 1970 0001 7228 4511

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7021 1970 0001 7228 4504

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7021 1970 0001 7228 4528

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## Doddridge County Floodplain Permits

(Week of March 27, 2023)

Please take notice that on the (21<sup>st</sup>) of (March), 2023, (Antero Resources) filed an application for a Floodplain Permit (#23-624) to develop land located at or about (Morgans Run Road); Coordinates: 39.285923, -80.690880. 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 (April 24, 2023) (20 calendar days after the announcement at the regularly scheduled Doddridge County Commission Meeting) delivered to the Floodplain Manager of the County at 105 Court Street, Suite #3, West Union, WV 26456. **This project is road and ditch maintenance**



GEORGE C. EIDEL, CFM

Doddridge County Floodplain Manager



March 16, 2023

Doddridge County Commission  
Attn: George Eidel, Doddridge County Floodplain Manager  
118 East Court Street, Room 102  
West Union, WV 26456

MAR21 23 1:18PM

Subject: Floodplain Development Permit  
Antero Resources Corporation  
Morgans Run Maintenance  
Doddridge County, West Virginia  
CEC Project 331-473

Dear Mr. Eidel:

Civil & Environmental Consultants, Inc. (CEC) is pleased to evaluate the potential floodplain impacts for the above referenced project on behalf of Antero Resources Corporation (Antero), 535 White Oaks Boulevard, Bridgeport, WV 26330. Antero is proposing to maintain the Doddridge County Route 20 (Morgans Run Road) by ditch cleaning, and minor roadway grading. A portion of project site is located within a Zone A Flood Zone as designated on FEMA's Flood Map 54017C0140C with an effective date of October 4, 2011. Approximately 2,700 feet of roadway section lies within the flood hazard area out of total 3.1 miles of roadway section undergoing maintenance works.

The proposed maintenance work includes minor road grading, installation of inlet and outlet protection works for the roadway culverts, and roadside ditch cleaning. The work does not involve any fill or earthwork activities. The minor road grading will not change the original ground surface or contours. With the proposed maintenance work, no change in floodplain storage of Morgans Run is expected and there will be no impact on the base flood elevations of Morgans Run. Since the maintenance work will not change the original ground, no hydraulic analysis was performed. Potential sediment runoff from construction will be controlled via best management practices and erosion and sediment control measures.

Federal Emergency Management Agency mapped flood hazard area, as shown on the mapping in Attachment A, the WV Flood Tool Map, and the Site Plans are included as Attachment B and Attachment C respectively.

Your time and effort in reviewing this floodplain development permit application is appreciated. Please feel free to contact Patrick Carpenter at 304-933-3119 or via e-mail at [pcarpenter@cecinc.com](mailto:pcarpenter@cecinc.com) if you have questions or need additional information.

Respectfully submitted,

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

Patrick Carpenter  
Project Manager

Swastik Bhandari, P.E.  
Project Consultant



Permit# 23-624  
MORGANS RUN RD  
Project Name: Ditch Maintenance  
Permittees Name: ANTERO RESOURCES

MAR21 23 1:18PM

## ***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 Ludovici

DATE 3/16/2023

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:** \_\_\_ of \_\_\_

<b>Contractor/Sub-Contractor (C/SC) Information:</b>		
<b>C/SC Company Name:</b> RDR Energy Resources		
<b>C/SC WV License Number:</b> WV047502		
<b>C/SC FEIN:</b>	<b>C/SC DUNS:</b>	
<b>Local C/SC Point of Contact (POC):</b> Rob Feathers		
<b>Local C/SC POC Title:</b>		
<b>C/SC Mailing Address:</b> 1272 E. Pike Street		
<b>City:</b> Clarksburg	<b>State:</b> WV	<b>Zip-Code:</b> 26301
<b>Local C/SC Office Phone:</b> 304-624-0044		
<b>Local C/SC POC Phone:</b> 304-685-6796		
<b>Local C/SC POC E-Mail:</b> robfeathers323@gmailcom		

<b>Engineer Firm Information:</b>		
<b>Engineer Firm Name:</b> Civil & Environmental Consultants, Inc.		
<b>Engineer WV License Number:</b>		
<b>Engineer Firm FEIN:</b>	<b>Engineer Firm DUNS:</b>	
<b>Engineer Firm Primary Point of Contact (POC):</b> Patrick Carpenter		
<b>Engineer Firm Primary POC Title:</b> Project Manager		
<b>Engineer Firm Mailing Address:</b> 120 Genesis Boulevard		
<b>City:</b> Bridgeport	<b>State:</b> WV	<b>Zip-Code:</b> 26330
<b>Engineer Firm Office Phone:</b> 304-933-3119		
<b>Engineer Firm Primary POC Phone:</b> 304-848-7109		
<b>Engineer Firm Primary POC E-Mail:</b> pcarpenter@cecinc.com		

Doddridge County Commercial/Industrial  
Floodplain Development Permit Application

**Applicant Information:**

*Please provide all pertinent data.*

Applicant Information		
<b>Responsible Company Name:</b> Antero Resources Corporation		
<b>Corporate Mailing Address:</b> 535 White Oaks Boulevard		
<b>City:</b> Bridgeport	<b>State:</b> WV	<b>Zip:</b> 26330
<b>Corporate Point of Contact (POC):</b> Anthony Ludovici; cc: Daniel Bulian		
<b>Corporate POC Title:</b> Environmental & Regulatory Manager		
<b>Corporate POC Primary Phone:</b> (304) 848-7116		
<b>Corporate POC Primary Email:</b> aludovici@cecinc.com; dbulian@anteroresources.com		
<b>Corporate FEIN:</b> 80-0162034	<b>Corporate DUNS:</b>	
<b>Corporate Website:</b> <a href="https://www.anteroresources.com/">https://www.anteroresources.com/</a>		
<b>Local Mailing Address:</b> 535 White Oaks Boulevard		
<b>City:</b> Bridgeport	<b>State:</b> WV	<b>Zip:</b> 26330
<b>Local Project Manager (PM):</b> Mr. Anthony Ludovici		
<b>Local PM Primary Phone:</b> Office: (304) 848-7116		
<b>Local PM Secondary Phone:</b> Cell: (304) 627-9120		
<b>Local PM Primary Email:</b> aludovici@cecinc.com		
<b>Person Filing Application:</b> Mr. Anthony Ludovici		
<b>Applicant Title:</b> Project Manager I		
<b>Applicant Primary Phone:</b> Office: (304) 848-7116		
<b>Applicant Secondary Phone:</b> Cell: (304) 627-9120		
<b>Applicant Primary Email:</b> aludovici@cecinc.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.*

<b>Project Narrative:</b>
<p>Antero is proposing to maintain the Doddridge County Route 20 (Morgans Run Road) by ditch cleaning, and minor roadway grading. Roadway culverts inlet and outlet protection installation are also part of the maintenance activities. No other construction work is proposed. The maintenance work starts from the intersection of Morgans Run Road with United States Route 50 and continues along Morgans Run Road for approximately 3.1 miles.</p> <p>A portion of the project is located within Federal Emergency Management Agency mapped flood hazard area, as shown on the mapping in Attachment A. The approximate length along the road which lies within the flood hazard area is 2,700 feet.</p> <p>The WV Flood Tool Map is included as Attachment B, and the Site Plans are included as Attachment C.</p>

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

The maintenance activities include ditch cleaning, inlet and outlet protection installation for culverts,

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and minor roadway grading.

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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   3  

<b>Site/Property Information:</b>		
<b>Legal Description:</b> 0.95 AC Morgans Run		
<b>Physical Address/911 Address:</b> RT 20 Morgans Run Road		
<b>Decimal Latitude/Longitude:</b> 39.283811, -80.694086		
<b>DMS Latitude/Longitude:</b> 39°17'1.72" N, 80°41'38.71" W		
<b>District:</b> 3	<b>Map:</b> 16	<b>Parcel:</b> 15.3
<b>Land Book Description:</b>		
<b>Deed Book Reference:</b> Deed Book 367 Page 507		
<b>Tax Map Reference:</b> 09-03-0016-0015-0003		
<b>Existing Buildings/Use of Property:</b> Wooded and pastured		

Doddridge County Commercial/Industrial  
Floodplain Development Permit Application

Property Designation:   2   of   3  

<b>Site/Property Information:</b>		
<b>Legal Description: Morgans Run; 208.52 AC INT O&amp;G; ¼ INT</b>		
<b>Physical Address/911 Address: RT 20 Morgans Run Road</b>		
<b>Decimal Latitude/Longitude: 39.286682, -80.691360</b>		
<b>DMS Latitude/Longitude: 39°17'12.06" N, 80°41'28.9" W</b>		
<b>District: 3</b>	<b>Map: 16</b>	<b>Parcel: 15</b>
<b>Land Book Description:</b>		
<b>Deed Book Reference: Deed Book 214 Page 444</b>		
<b>Tax Map Reference: 09-03-0016-0015-0000</b>		
<b>Existing Buildings/Use of Property: Wooded and pastured</b>		

Doddridge County Commercial/Industrial  
Floodplain Development Permit Application

Property Designation:   3   of   3  

Site/Property Information:		
<b>Legal Description: 80 AC Morgans Run</b>		
<b>Physical Address/911 Address: RT 20 Morgans Run Road</b>		
<b>Decimal Latitude/Longitude: 39.285539, -80.687559</b>		
<b>DMS Latitude/Longitude: 39°17'7.94" N, 80°41'15.21" W</b>		
<b>District: 3</b>	<b>Map: 16</b>	<b>Parcel: 15.2</b>
<b>Land Book Description:</b>		
<b>Deed Book Reference: Deed Book 378 Page 704</b>		
<b>Tax Map Reference: 09-03-0016-0015-0002</b>		
<b>Existing Buildings/Use of Property: Wooded and pastured</b>		

Floodplain Location Data: <i>(to be completed by Floodplain Manager or designee)</i>			
<b>Community:</b>	<b>Number:</b>	<b>Panel:</b>	<b>Suffix:</b>
<b>Location (Lat/Long):</b>		<b>Approximate Elevation:</b>	
		<b>Estimated BFE:</b>	
<b>Is the development in the floodway?</b>		<b>Is the development in the floodplain?</b>	
<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No <b>Zone: _____</b>	
<b>Notes:</b>			

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: <u>  1  </u> of <u>  3  </u>
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<b>Property Owner Data:</b>		
Name of Primary Owner (PO): Rover Pipeline LLC		
PO Address: 6051 Wallace Road, Suite 300		
City: Wexford	State: PA	Zip: 15090
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

<b>Surface Rights Owner Data:</b>		
Name of Primary Owner (PO):		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

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

Doddridge County Commercial/Industrial  
Floodplain Development Permit Application

Property Designation: <u>  2  </u> of <u>  3  </u>
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<b>Property Owner Data:</b>		
Name of Primary Owner (PO): Leatherman Donna M		
PO Address: 627 Morgans Run Road		
City: West Union	State: WV	Zip: 26456
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

<b>Surface Rights Owner Data:</b>		
Name of Primary Owner (PO):		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

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

Doddridge County Commercial/Industrial  
Floodplain Development Permit Application

Property Designation:   3   of   3  

Property Owner Data:		
Name of Primary Owner (PO): Hass Ronald M & Jamie M (SURV)		
PO Address: 130 L C Lane		
City: West Union	State: WV	Zip: 26456
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

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

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



### 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): Leatherman Donna M		
Physical Address: 627 Morgans Run Road		
City: West Union	State: WV	Zip: 26456
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Adjacent Property Owner Data: Upstream		
Name of Primary Owner (PO): Hass Ronald M & Jamie M (SURV)		
Physical Address: Route 20		
City: West Union	State: WV	Zip: 26456
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Adjacent Property Owner Data: Downstream		
Name of Primary Owner (PO): Rover Pipeline LLC		
Physical Address: Route 20		
City: West Union	State: WV	Zip: 26456
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

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

## 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 or 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: Anthony Ludovici Date: 3/16/2023

Applicant Printed Name: Anthony Ludovici

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**ATTACHMENT 1 – FEMA FLOOD HAZARD MAP**

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# National Flood Hazard Layer FIRMette



80°41'43"W 39°17'24"N



## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

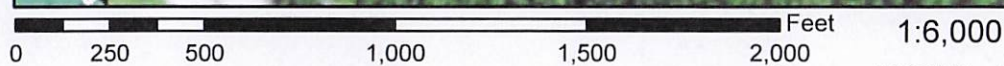
SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone I
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/16/2023 at 9:00 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



80°41'57"W 39°16'57"N

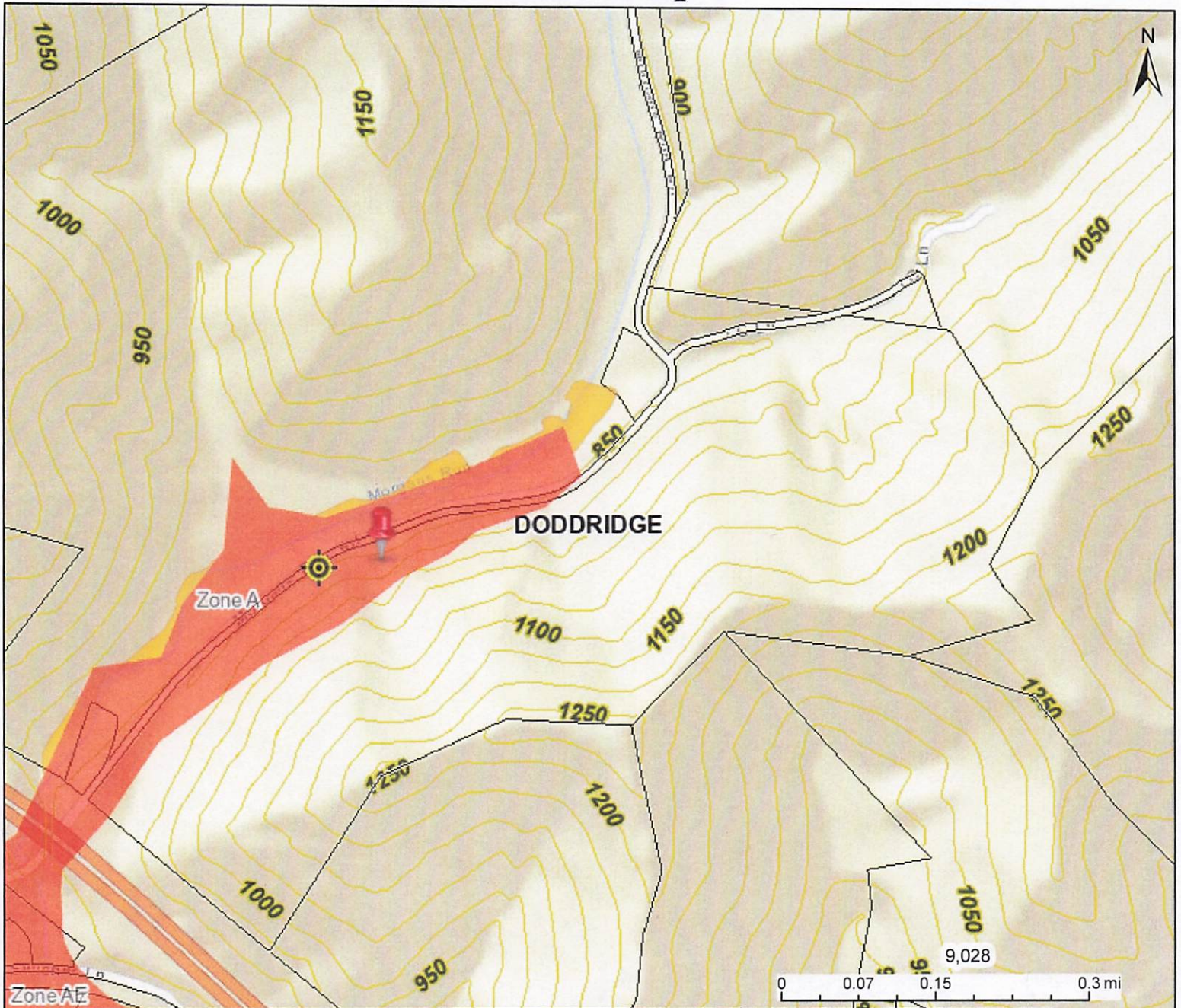
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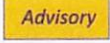
**ATTACHMENT 2 – WV FLOOD TOOL MAP**

---

# WV Flood Map



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

<p> Flood Info Location <span style="float: right;">Map created on 3/15/2023</span></p>	
<p><b>H I G H  R I S K</b></p>	<p> Regulatory Floodway</p>
	<p> 1-Percent-Annual-Chance Flood Hazard Area <b>With Base Flood Elevation (BFE)</b></p>
	<p> 1-Percent-Annual-Chance Flood Hazard Area <b>Without BFE</b> (may have Advisory Flood Heights)</p>
	<p> 1-Percent-Annual-Chance Future Conditions (High Risk Advisory Flood Zones)</p>
	<p>Download the Full Legend for all flood tool symbols <a href="https://www.mapwv.gov/flood_map/docs/wv_flood_tool_legend.pdf">https://www.mapwv.gov/flood_map/docs/wv_flood_tool_legend.pdf</a></p>
<p><b>Disclaimer:</b> 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 (<a href="https://www.MapWV.gov/flood">https://www.MapWV.gov/flood</a>) is supported by FEMA, WV NFIP Office, and WV GIS Technical Center.</p>	
<p><b>User Notes</b></p>	
<p><b>Flood Hazard Area</b></p>	<p>Location is <b>WITHIN</b> the FEMA 100-year floodplain.</p>
<p><b>Flood Zone</b></p>	<p>A</p>
<p><b>Stream</b></p>	<p>Morgans Run</p>
<p><b>Watershed (HUC8)</b></p>	<p>Little Musringum-Middle Island (5030201)</p>
<p><b>Flood Height</b></p>	<p>Flood Height 6b None</p>
<p><b>Water Depth</b></p>	
<p><b>Elevation</b></p>	<p>844.7 ft (Source: FEMA 2018-20) (NAVD88)</p>
<p><b>Community &amp; ID</b></p>	<p>Doddridge County (ID: 540024)</p>
<p><b>FEMA Map &amp; Date</b></p>	<p>54017C0140C; Effective Date: 10/4/2011</p>
<p><b>Location (lat, long)</b></p>	<p>(39.285923, -80.690880) (WGS84)</p>
<p><b>Parcel ID</b></p>	<p>09-03-0016-0015-0002</p>
<p><b>E-911 Address</b></p>	<p>130 LC LN, WEST UNION, WV, 26456</p>

---

**ATTACHMENT 3 – SITE PLAN**

---



**Notes:**

1. Background is 2022 Doddridge County, WV aerial imagery.
2. Potentially jurisdictional waters within the AOI were delineated by AllStar Ecology LLC on February 8, 2023.
2. Based on FEMA Firm Panel #54017C0130C; #54017C0140C; & #54017C0145C, all with an effective date of October 4, 2011, a portion of the AOI is within a FEMA Flood Hazard Area.

Englands Run

50/10

CEC-WOLFPEN\_RUN\_ASE\_STREAM01 (Wolfpen Run) (per)  
10 LF Permanent Impact from culvert outlet protection installation  
39.319509°, -80.689802°

CEC-STREAM-1\_ASE\_Stream05 (eph)  
10 LF Permanent Impact from culvert inlet protection installation  
39.317971°, -80.689757°

ASE\_Stream25 (int)  
20 LF Permanent Impact from culvert inlet protection installation  
39.286267°, -80.689981°

ASE\_Stream23 (int)  
20 LF Permanent Impact from culvert inlet protection installation  
39.286515°, -80.689158°

CEC-STREAM-5 (int)  
10 LF Permanent Impact from culvert outlet protection installation  
39.286692°, -80.687586°

ASE Ditch06  
40 LF Permanent Impact from culvert inlet protection installation and ditch maintenance  
39.286822°, -80.687200°

ASE\_Stream20 (int)  
30 LF Permanent Impact from culvert inlet protection installation  
39.289856°, -80.685890°


CEC-STREAM-12 (int)  
20 LF Permanent Impact from culvert inlet protection installation  
39.313403°, -80.689992°

ASE\_Stream07 (int)  
20 LF Permanent Impact from culvert inlet/outlet protection installation  
39.310715°, -80.688504°

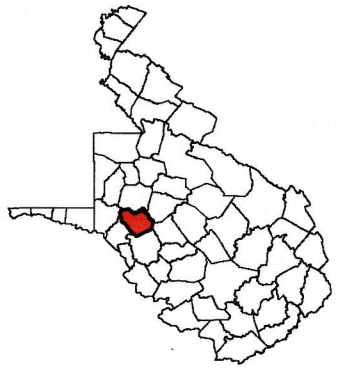
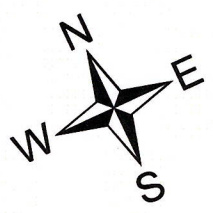
ASE\_Stream09 (int)  
20 LF Permanent Impact from culvert inlet protection installation  
39.305384°, -80.687059°

ASE\_Stream12 (eph)  
20 LF Permanent Impact from culvert inlet protection installation  
39.302366°, -80.685844°

ASE\_Stream13 (eph)  
20 LF Permanent Impact from culvert inlet protection installation  
39.301338°, -80.684859°



**ALLSTAR ECOLOGY**  
Natural Resource Specialists



Doddridge County, West Virginia

**Legend**

- AOI
- PEM
- EXISTING BRIDGE
- FEMA FLOOD HAZARD AREA

**Legend**

- PERENNIAL
- INTERMITTENT
- EPHEMERAL
- DITCH
- EXISTING CULVERT

**Legend**

- DATA POINT
- SEEP
- FLOW DIRECTION
- FEATURE CONTINUES

**Antero Resources**

Figure 2  
Floodplain Map  
Morgans Run Road  
Ditching/Maintenance

Date: 02/24/2023

Sheet 1 of 1

**STATE of WEST VIRGINIA;  
COUNTY OF DODDRIDGE, TO WIT:**

I, Tamela B. Beamer, Editor of THE HERALD RECORD, a certified weekly newspaper published regularly in Doddridge County, West Virginia, DO Hereby Certify Upon Oath that the accompanying Legal Notice entitled:

**DODDRIDGE CPOUNTY FLOODPLIAN  
PERMIT # 23-624**

Doddridge County Floodplain Permit  
(Week of March 27, 2023)

Please take notice on the (21st) of (March), 2023, (Antero Resources) filed an application for a Floodplain Permit (#23-624) to develop land located at or about (Morgans Run Road); Coordinates: 39.285923, -80.690880. 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 WC 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 (April 24, 2023) (20 calendar days after the announcement at the regularly scheduled Doddridge County Commission Meeting) delivered to the Floodplain Manager for the County at 105 Court Street, Suite #3, West Union, WV 26456. This project is road and ditch maintenance.

was published in said paper for 2 successive weeks beginning with the issue of 3/29, 2023 and ending with the issue of 4/5, 2023 that contains 168 word space at .115 cents per word and amounts to the sum of \$ 19.32 FOR THE FIRST PUBLICATION.

SECOND PUBLICATION IS 75% OF THE FIRST PUBLICATION and each other publication thereafter \$ 14.49 for the TOTAL OF: \$ 33.81.

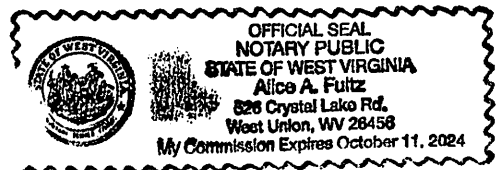
Editor,

Tamela B. Beamer

SWORN TO AND SUBSCRIBED BEFORE ME THIS THE 5<sup>th</sup> day of April, 2023.

NOTARY PUBLIC

Alice A. Fultz



# INVOICE

**The Herald Record LLC**  
177 MAIN STREET  
WEST UNION, WV 26456  
United States

Phone: 304-873-1600  
Fax: 304-666-1017  
Mobile: 304-266-2247  
TheHeraldRecord.com

**Doddridge County OFFICE OF EMERGENCY MANAGEMENT**  
101 Church Street  
West Union, West Virginia 26456  
United States

**Invoice Number:** 4071  
**Invoice Date:** April 14, 2023  
**Payment Due:** April 14, 2023  
**Amount Due (USD):** \$69.85

Items	Quantity	Price	Amount
<b>Class II Legal ___ Floodplain # 23 -624</b> Run Dates: 3/29/23 4/5/24	1	\$33.82	\$33.82
<b>Class II Legal Ad -- Floodplain # 23-625</b> Run Dates: 4/5/23 b & 4/12/23	1	\$36.03	\$36.03
		<b>Total:</b>	\$69.85
		<b>Amount Due (USD) :</b>	\$69.85

USPS TRACKING #



07401512301 WV 26456  
25 MAR 2003 PM 4 L



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

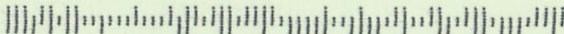
9590 9402 7059 1225 4204 54

United States  
Postal Service

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

Doddridge County Office of  
Emergency Management/Floodplain Manager  
101 Church Street, Suite 102  
West Union, WV 26456

23-624



**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:

Ronald M. & Jamie M. Hass  
 130 L C Lane  
 West Union, WV 26456



9590 9402 7059 1225 4204 54

2. Article Number (Transfer from service label)

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

**X**
 Agent Addressee

B. Received by (Printed Name)

Ron Hass

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#



PITTSBURGH PA 150

29 MAR 2003 PM 4 L

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

9590 9402 7059 1225 4204 30

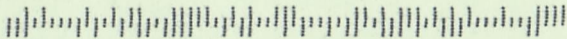
**United States  
Postal Service**

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

Doddridge County Office of  
Emergency Management/Floodplain Manager  
101 Church Street, Suite 102  
West Union, WV 26456

23-624

6456-119427



**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:

Rover Pipeline, LLC  
 6051 Wallace Road, Suite 300  
 Wexford, PA 15090



9590 9402 7059 1225 4204 30

2. Article Number (Transfer from service label)

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

X

Christen Miner

 Agent Addressee

B. Received by (Printed Name)

Christen Miner

C. Date of Delivery

3/29/23

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 #



UNION COLLECTOR WV 250  
25 MAR 2023 PM 4 L



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

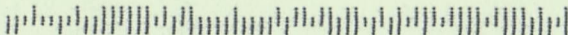
9590 9402 7059 1225 4204 47

**United States  
Postal Service**

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

Doddridge County Office of  
Emergency Management/Floodplain Manager  
101 Church Street, Suite 102  
West Union, WV 26456

23-624





**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:

Donna M. Leatherman  
627 Morgans Run Road  
West Union, WV 26456



9590 9402 7059 1225 4204 47

2. Article Number (Transfer from service label)

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

X *Mark Leatherman* 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

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

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

OFFICIAL USE

Certified Mail Fee  
\$ 3.75

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

- Return Receipt (hardcopy) \$ 3.05
- Return Receipt (electronic) \$ \_\_\_\_\_
- Certified Mail Restricted Delivery \$ \_\_\_\_\_
- Adult Signature Required \$ \_\_\_\_\_
- Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage \$ .57

Total Postage and Fees \$ 7.37

Sent To

Hover Pipeline LLC

USPS 26453-9998

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

6051 Wallace Rd., Suite 300

City, State, ZIP+4®

Lexford PA 15090 23-624



7021 1970 0001 7228 4511

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

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

OFFICIAL USE

WEST UNION, WV

Certified Mail Fee

\$ 3.75

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

- Return Receipt (hardcopy) \$ 3.05
- Return Receipt (electronic) \$
- Certified Mail Restricted Delivery \$
- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage

\$ .57

Total Postage and Fees

\$ 7.37

Sent To

Donna M. Leatherman

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

627 Morgans Run Rd.

City, State, ZIP+4®

West Union, WV 26456 23-624



7021 1970 0001 7228 4504

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

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

**OFFICIAL USE**

Certified Mail Fee

\$

3.75

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

- Return Receipt (hardcopy) \$ 3.05
- Return Receipt (electronic) \$ \_\_\_\_\_
- Certified Mail Restricted Delivery \$ \_\_\_\_\_
- Adult Signature Required \$ \_\_\_\_\_
- Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage

\$

.57

Total Postage and Fees

\$

7.37

Sent To

Ronald M. Jarniem. Hess

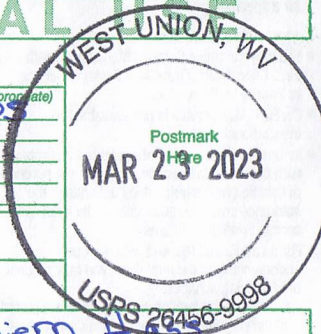
Street and Apt. No., or PO Box No.

130 L C Lane

City, State, ZIP+4®

West Union, WV 26456

23-624



7021 1970 0001 7228 4528



**ALLSTAR ECOLOGY**  
Natural Resource Specialists

**AllStar Ecology LLC**

George Eidel, Floodplain Manager  
101 Church Street, Suite 102  
West Union, WV 26456  
[GEidel@doddridgecountywv.gov](mailto:GEidel@doddridgecountywv.gov)

May 15, 2023

**RE: Doddridge County Floodplain Development Permit Application Modification (#23-624)**

Mr. Eidel:

At your request (Attachment B), AllStar Ecology LLC (ASE) is providing this hard copy for the proposed permit modification.

Upon additional site visits with Antero Resources Corporation (Antero) operators, Antero is proposing slight changes in the proposed work within the floodplain (see Attachment A). Site objectives are still the same: maintenance of existing county roads (including ditching & installation of culvert inlet/outlet protection) to increase the drainage of the road, which will preserve the existing road grade and promote public safety. One previously proposed culvert outlet protection will now be a culvert extension with an additional installation of culvert inlet protection. Additionally, a culvert replacement is proposed downstream of the culvert installation, as well as the installation of culvert inlet and outlet protection. The existing 14' X 15" metal culvert will be replaced with a 20' X 18" high-density polyethylene (HDPE) culvert to allow land access for a landowner. The current culvert is in disrepair. The proposed culvert replacement and associated inlet/outlet protection installations are part of an anticipated landowner request to be completed by Antero upon request of the landowner. Though these proposed actions are part of "Morgans Run Landowner Culvert Replacement", all actions should fall under the #23-624 permit.

Site details are provided in the attached maps.

Please contact David Bohnert with AllStar Ecology LLC with any questions or concerns.

Thank you,

David Bohnert  
AllStar Ecology LLC  
304-816-3490 (office line)  
[Dave@AllStarEcology.com](mailto:Dave@AllStarEcology.com)

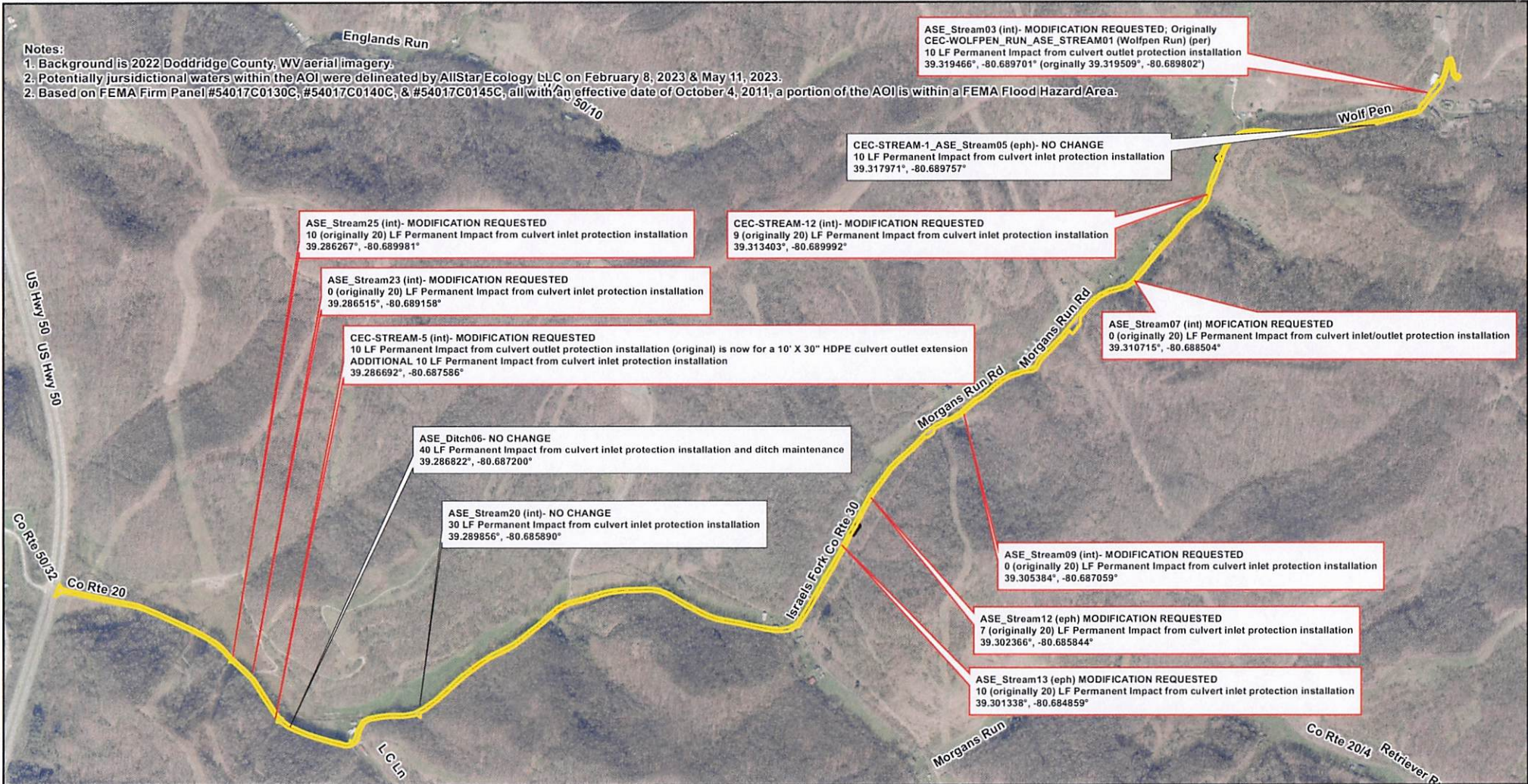
cc: Mr. John Angiulli  
Environmental Specialist III  
Antero Resources Corporation  
535 White Oaks Blvd  
Bridgeport, WV 26330  
(304) 842-4139  
[jangiulli@anteroresources.com](mailto:jangiulli@anteroresources.com)



# **Attachment A Modification Maps**

**Notes:**

1. Background is 2022 Doddridge County, WV aerial imagery.
2. Potentially jurisdictional waters within the AOI were delineated by AllStar Ecology LLC on February 8, 2023 & May 11, 2023.
3. Based on FEMA Firm Panel #54017C0130C, #54017C0140C, & #54017C0145C, all with an effective date of October 4, 2011, a portion of the AOI is within a FEMA Flood Hazard Area.



ASE\_Stream03 (int)- MODIFICATION REQUESTED; Originally CEC-WOLF PEN\_RUN\_ASE\_STREAM01 (Wolfpen Run) (per)  
 10 LF Permanent Impact from culvert outlet protection installation  
 39.319466°, -80.689701° (originally 39.319509°, -80.689802°)

CEC-STREAM-1\_ASE\_Stream05 (eph)- NO CHANGE  
 10 LF Permanent Impact from culvert inlet protection installation  
 39.317971°, -80.689757°

ASE\_Stream25 (int)- MODIFICATION REQUESTED  
 10 (originally 20) LF Permanent Impact from culvert inlet protection installation  
 39.286267°, -80.689981°

CEC-STREAM-12 (int)- MODIFICATION REQUESTED  
 9 (originally 20) LF Permanent Impact from culvert inlet protection installation  
 39.313403°, -80.689992°

ASE\_Stream23 (int)- MODIFICATION REQUESTED  
 0 (originally 20) LF Permanent Impact from culvert inlet protection installation  
 39.286515°, -80.689158°

CEC-STREAM-5 (int)- MODIFICATION REQUESTED  
 10 LF Permanent Impact from culvert outlet protection installation (original) is now for a 10' X 30" HDPE culvert outlet extension  
 ADDITIONAL 10 LF Permanent Impact from culvert inlet protection installation  
 39.286692°, -80.687586°

ASE\_Stream07 (int) MOFICATION REQUESTED  
 0 (originally 20) LF Permanent Impact from culvert inlet/outlet protection installation  
 39.310715°, -80.688504°

ASE\_Ditch06- NO CHANGE  
 40 LF Permanent Impact from culvert inlet protection installation and ditch maintenance  
 39.286822°, -80.687200°

ASE\_Stream20 (int)- NO CHANGE  
 30 LF Permanent Impact from culvert inlet protection installation  
 39.289856°, -80.685890°

ASE\_Stream09 (int)- MODIFICATION REQUESTED  
 0 (originally 20) LF Permanent Impact from culvert inlet protection installation  
 39.305384°, -80.687059°

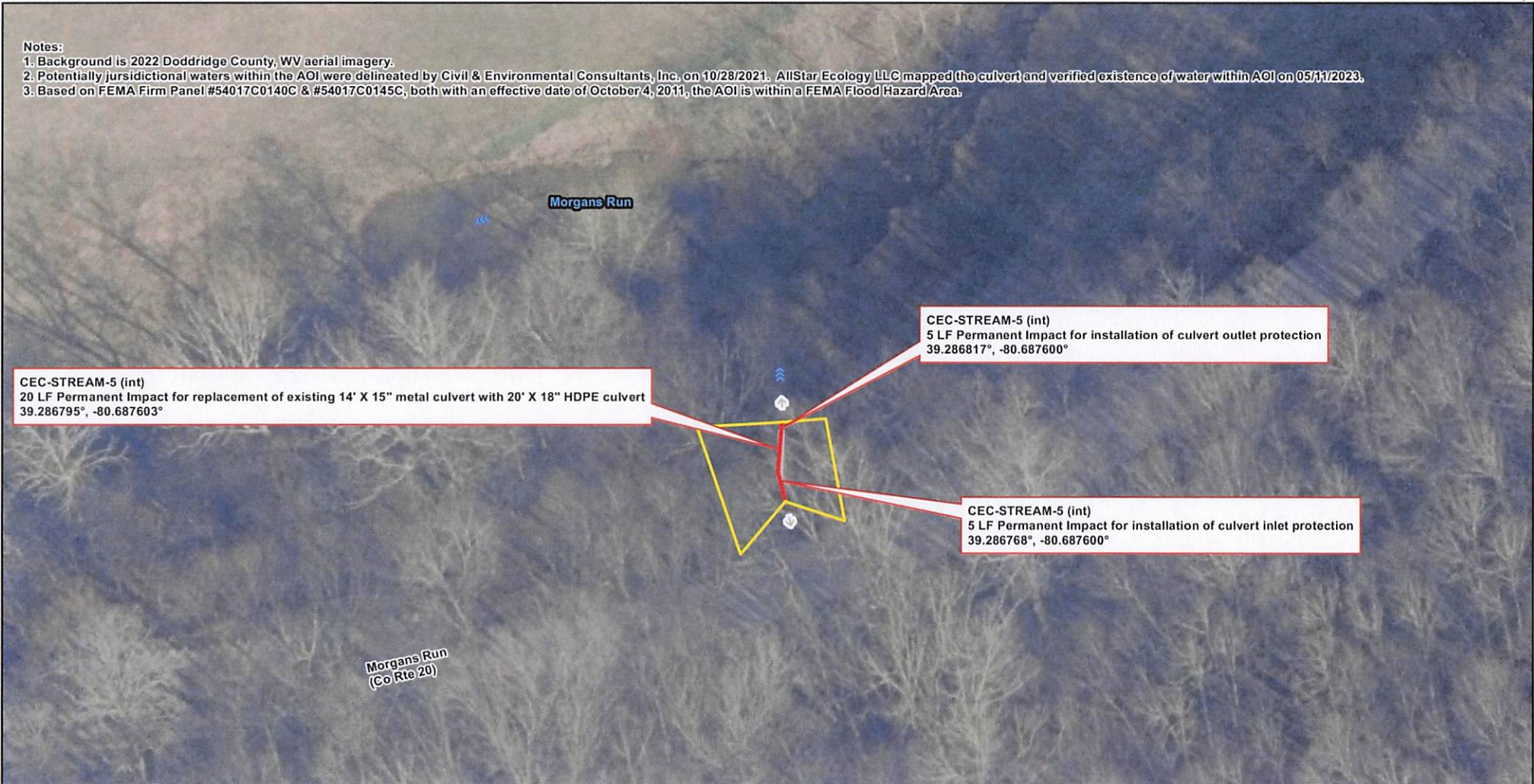
ASE\_Stream12 (eph) MODIFICATION REQUESTED  
 7 (originally 20) LF Permanent Impact from culvert inlet protection installation  
 39.302366°, -80.685844°

ASE\_Stream13 (eph) MODIFICATION REQUESTED  
 10 (originally 20) LF Permanent Impact from culvert inlet protection installation  
 39.301338°, -80.684859°

<p><b>ALLSTAR ECOLOGY</b> Natural Resource Specialists</p>		<p>Doddridge County, West Virginia</p>	<p>  AOI   PEM   EXISTING BRIDGE                 </p>	<p>  PERENNIAL   INTERMITTENT   EPHEMERAL   DITCH   EXISTING CULVERT                 </p>	<p>  DATA POINT   SEEP   FLOW DIRECTION   FEATURE CONTINUES                 </p>	<p><b>Antero Resources</b></p>	
						<p>Figure 2 Floodplain Map Morgans Run Road Ditching/Maintenance</p>	
						<p>Date: 05/12/2023</p>	<p>Sheet 1 of 1</p>

**Notes:**

1. Background is 2022 Doddridge County, WV aerial imagery.
2. Potentially jurisdictional waters within the AOI were delineated by Civil & Environmental Consultants, Inc. on 10/28/2021. AllStar Ecology LLC mapped the culvert and verified existence of water within AOI on 05/11/2023.
3. Based on FEMA Firm Panel #54017C0140C & #54017C0145C, both with an effective date of October 4, 2011, the AOI is within a FEMA Flood Hazard Area.



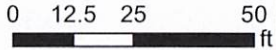


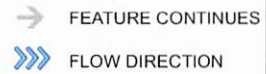


CEC-STREAM-5 (int)  
20 LF Permanent Impact for replacement of existing 14' X 15" metal culvert with 20' X 18" HDPE culvert  
39.286795°, -80.687603°

CEC-STREAM-5 (int)  
5 LF Permanent Impact for installation of culvert outlet protection  
39.286817°, -80.687600°

CEC-STREAM-5 (int)  
5 LF Permanent Impact for installation of culvert inlet protection  
39.286768°, -80.687600°

Morgans Run  
(Co Rte 20)

 <b>ALLSTAR ECOLOGY</b> Natural Resource Specialists	 	 Doddridge County, West Virginia			<b>Antero Resources</b>	
					Figure 2 OLS Impact Map Morgans Run Landowner Culvert Replacement	
					Date: 05/15/2023	Sheet 1 of 1





**Attachment B**  
**Email Correspondence**

5/15/23, 12:42 PM

Print :: Workspace Webmail

## RE: Permit #23-624: Additional Information

"GEidel@doddridgecountywv.gov" [GEidel@doddridgecountywv.gov]

Sent: 5/15/2023 10:25 AM

To: ""dave@allstarecology.com"" <dave@allstarecology.com>

Floodplain Manager  
101 Church Street, Suite 102  
West Union, WV 26456

---

**From:** dave@allstarecology.com <dave@allstarecology.com>  
**Sent:** Monday, May 15, 2023 10:18 AM  
**To:** GEidel@doddridgecountywv.gov  
**Subject:** RE: Permit #23-624: Additional Information

Good morning.

I can do that. Can you provide an address?

Thanks,

David Bohnert, PWS, CES

AllStar Ecology LLC  
1582 Meadowdale Rd.  
Fairmont, WV 26554  
Office: 304-816-3490  
Toll-Free: 866-213-2666  
Cell: 812-630-5897  
[dave@allstarecology.com](mailto:dave@allstarecology.com)

----- Original Message-----

Subject: RE: Permit #23-624: Additional Information  
From: "[GEidel@doddridgecountywv.gov](mailto:GEidel@doddridgecountywv.gov)" <[GEidel@doddridgecountywv.gov](mailto:GEidel@doddridgecountywv.gov)>  
Date: 5/15/23 10:13 am  
To: "[dave@allstarecology.com](mailto:dave@allstarecology.com)" <[dave@allstarecology.com](mailto:dave@allstarecology.com)>

Dave,

I am out of the office and will be back on Thursday. Can you send me a hard copy of the changes?

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**From:** [dave@allstarecology.com](mailto:dave@allstarecology.com) <[dave@allstarecology.com](mailto:dave@allstarecology.com)>  
**Sent:** Friday, May 12, 2023 1:12 PM  
**To:** [GEidel@doddridgecountywv.gov](mailto:GEidel@doddridgecountywv.gov)  
**Cc:** [jangiulli@anteroresources.com](mailto:jangiulli@anteroresources.com); Ludovici Anthony <[aludovici@cecinc.com](mailto:aludovici@cecinc.com)>; Daniel Bulian <[dbulian@anteroresources.com](mailto:dbulian@anteroresources.com)>; Anna Hathaway <[anna@allstarecology.com](mailto:anna@allstarecology.com)>  
**Subject:** Permit #23-624: Additional Information

Upon addition site visits with Antero operators, Antero is proposing slight changes in the proposed work within the floodplain (see attached map). Site objectives are still the same: maintenance of existing county roads (including ditching & installation of culvert inlet/outlet protection) to increase the drainage of the road, which will preserve the existing road grade and promote public safety. One previously proposed culvert outlet protection will now be a culvert extension with an additional installation of culvert inlet protection. Additional information can be found on the map.

Please let us know if you have any questions!

Thank you!

David Bohnert, PWS, CES

AllStar Ecology LLC  
1582 Meadowdale Rd.  
Fairmont, WV 26554  
Office: 304-816-3490  
Toll-Free: 866-213-2666  
Cell: 812-630-5897  
[dave@allstarecology.com](mailto:dave@allstarecology.com)

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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 {21st} of {March}, 2023, (Antero Resources) filed an application for a Floodplain Permit {#23-624} to develop land located at or about {Morgans Run Road}; Coordinates: 39.285923, -80.690880. 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

was published in The Doddridge Independent 2 times commencing on Monday, April 10, 2023 and Ending on Friday, April 7, 2023 at the request of:

George Eidel, Doddridge County Floodplain Manager & Doddridge County Commission

Given under my hand this Monday, April 10, 2023

The publisher's fee for said publication is: \$ 24.96 1st Run/\$ 18.72 Subsequent Runs This Legal Ad Total: \$ 43.68

Handwritten signature of Michael D. Zorn over a horizontal line.

Michael D. Zorn Publisher of The Doddridge Independent

Subscribed to and sworn to before me on this date: 3/10/23

Handwritten signature of Pamela R Stinespring over a horizontal line. Notary Public in and for Doddridge County My Commission expires on The 17th day of May 20 24



Floodplain Public Notice • Legal Notice Please take notice that on the {21st} of {March}, 2023, (Antero Resources) filed an application for a Floodplain Permit {#23-624} to develop land located at or about {Morgans Run Road}; Coordinates: 39.285923, -80.690880. 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 (April 24, 2023) {20} calendar days after the announcement at the regularly scheduled Doddridge County Commission Meeting) delivered to the Floodplain Manager of the County at 105 Court Street, Suite #3, West Union, WV 26456. This project is road and ditch maintenance C2 3/31 -4/07

The Doddridge Independent, LLC  
 187 Main Street  
 West Union, WV 26456  
 (304) 844-8040

# Invoice



**BILL TO**  
 George Eidel  
 Doddridge County OES/Floodplain  
 108 Court St.  
 West Union, WV 26456-2095 USA

INVOICE #	DATE	TOTAL DUE	DUE DATE	TERMS	ENCLOSED
5867	04/10/2023	\$43.68	05/10/2023	Net 30	

DATE	ACCOUNT SUMMARY	AMOUNT
01/31/2023	Balance Forward	114.40
	Other payments and credits after 01/31/2023 through 04/09/2023	-114.40
04/10/2023	Other invoices from this date	0.00
	New charges (details below)	43.68
	Total Amount Due	43.68

DESCRIPTION	QTY	RATE	AMOUNT
<b>Legal Ad Class 2</b> Class 2 Legal Ad - Please take notice that on the {21st} of {March}, 2023, (Antero Resources) filed an application for a Floodplain Permit (#23-624) to develop land located at or about {Morgans Run Road}; Coordinates: 39.285923, - 80.690880.	1	43.68	43.68
<b>Legal Ad Class 2</b> Class 2 Legal Ad -	1	0.00	0.00

Thank you for your business... TOTAL OF NEW CHARGES 43.68  
BALANCE DUE **\$43.68**

**PAID**  
 APR 18 2023  
 BY: 1641.....

*Ronald W. Hous*

020-718-220 — 43.68