



# Floodplain Development Permit

## 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: #18-528**

**Date Approved: October 22, 2018 Expires: October 22, 2019**

**Issued to: Antero Resources**

**POC: Lisa Post**

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

**Project Address: Town of West Union Park**

**Firm: 54017C0120C**

**Lat/Long: 39.290711N, -80.771075W**

**Purpose of Development: Park Upgrade**

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

**Date: October 22, 2018**

---

For additional information regarding this permit, please contact  
Doddridge County Floodplain Manager at 304.873.2631, or via email at  
doddridgecountyfpm@gmail.com  
118 East Court Street; West Union, WV 26456

---

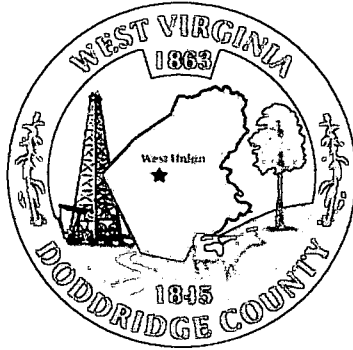
---

**FLOODPLAIN PERMIT #18-528**

---

**Antero Resources West Union Park Upgrade 39.290711 N, -80.771075 W**

<b>TASK</b>	<b>COMPLETE (DATE)</b>	<b>NOTES</b>
<i>CHECK RECEIVED</i>	XXXXXX	Fees Waved for this project
<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>DATE OF COMMISSION READING</i>		
<i>DATE AVAILABLE TO BE GRANTED</i>	10/22/2018	
<i>PERMIT GRANTED</i>	10/22/2018	
<i>COMPLETE</i>		



## **Doddridge County Floodplain Permits**

**(Week of September 24, 2018)**

Please take notice that on the 19<sup>th</sup> of September, 2018, Antero Resources filed an application for a Floodplain Permit (#18-528) to develop land located at or about RT 18 N; Coordinates: 39.290711 N, - 80.771075 W. The Application is on file with the Floodplain Manager of the County and may be inspected or copied during regular business hours in accordance to 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 **October 22, 2018** (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 for the Town of West Union Park upgrade.**

A handwritten signature in black ink, appearing to read 'George C. Eidel', is written over the printed name.

**GEORGE C. EIDEL, CFM**

Doddridge County Floodplain Manager



Permit# 18-528  
Project Name: West Union Park upgrade  
Permittees Name: Antero Resources

## Doddridge County, WV

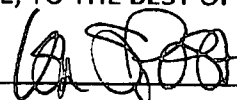
### Floodplain Development Permit Application

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



DATE

8/30/18

Doddridge County Commercial/Industrial  
Floodplain Development Permit Application

**Applicant Information:**

*Please provide all pertinent data.*

<b>Responsible Company Name: Antero Resources Corporation &amp; MarkWest Liberty Midstream &amp; Resources LLC</b>		
<b>Corporate Mailing Address: 1615 Wynkoop St.</b>		
<b>City: Denver</b>	<b>State: CO</b>	<b>Zip: 80202</b>
<b>Corporate Point of Contact (POC):</b>		
<b>Corporate POC Title:</b>		
<b>Corporate POC Primary Phone:</b>		
<b>Corporate POC Primary Email:</b>		
<b>Corporate FEIN:80-0162034</b>	<b>Corporate DUNS:</b>	
<b>Corporate Website: <a href="http://www.anteroresources.com">www. Anteroresources.com</a></b>		
<b>Local Mailing Address: 535 White Oaks Blvd.</b>		
<b>City: Bridgeport</b>	<b>State: WV</b>	<b>Zip: 26330</b>
<b>Local Project Manager (PM): Rupert Nicholas</b>		
<b>Local PM Primary Phone: 304-842-4180</b>		
<b>Local PM Secondary Phone: 304-918-4154</b>		
<b>Local PM Primary Email: <a href="mailto:rnicholas@anteroresources.com">rnicholas@anteroresources.com</a></b>		
<b>Person Filing Application: Lisa Post</b>		
<b>Applicant Title: Fleet &amp; Facilities Manager</b>		
<b>Applicant Primary Phone: 304-842-4219</b>		
<b>Applicant Secondary Phone: 724-288-0418</b>		
<b>Applicant Primary Email: <a href="mailto:lpost@anteroresources.com">lpost@anteroresources.com</a></b>		



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 checked="" type="checkbox"/>	Alteration	<input checked="" 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 type="checkbox"/>            | Grading  |                          |        |                          |          |                          |            |
| <input checked="" type="checkbox"/> | Excavation (except for STRUCTURAL DEVELOPMENT checked above)         |                          |        |                          |          |                          |            |
| <input type="checkbox"/>            | Watercourse Alteration (including dredging and channel modification) |                          |        |                          |          |                          |            |
| <input 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)   |                          |        |                          |          |                          |            |

---

---

---

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

Site/Property Information:		
<b>Legal Description:</b> West Union Park		
<b>Physical Address/911 Address:</b>		
<b>Decimal Latitude/Longitude:</b> 80.770810 W, 39.290570 N		
<b>DMS Latitude/Longitude:</b>		
<b>District:</b> 08	<b>Map:</b> 11	<b>Parcel:</b> 77
<b>Land Book Description:</b>		
<b>Deed Book Reference:</b>		
<b>Tax Map Reference:</b>		
<b>Existing Buildings/Use of Property:</b> 2 outdoor shelters (Farmer's Market; community use); open park space; adjacent to youth sports field.		

Floodplain Location Data: (to be completed by Floodplain Manager or designee)			
<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: ____ of ____
------------------------------------

<b>Property Owner Data:</b>		
Name of Primary Owner (PO): Board of Education		
PO Address: 1117 WV Route 18 North		
City: West Union	State: WV	Zip: 26456
PO Primary Phone: 304-873-2300		
PO Secondary Phone:		
PO Primary Email:		

<b>Surface Rights Owner Data:</b>		
Name of Primary Owner (PO): Board of Education		
PO Address: 1117 WV Route 18 North		
City: West Union	State: WV	Zip: 26456
PO Primary Phone: 304-873-2300		
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**

**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>		
<b>C/SC WV License Number:</b>		
<b>C/SC FEIN:</b>	<b>C/SC DUNS:</b>	
<b>Local C/SC Point of Contact (POC):</b>		
<b>Local C/SC POC Title:</b>		
<b>C/SC Mailing Address:</b>		
<b>City:</b>	<b>State:</b>	<b>Zip-Code:</b>
<b>Local C/SC Office Phone:</b>		
<b>Local C/SC POC Phone:</b>		
<b>Local C/SC POC E-Mail:</b>		

<b>Engineer Firm Information:</b>		
<b>Engineer Firm Name: Civil and Environmental Engineering</b>		
<b>Engineer WV License Number:</b>		
<b>Engineer Firm FEIN:</b>	<b>Engineer Firm DUNS:</b>	
<b>Engineer Firm Primary Point of Contact (POC): Rick Celender</b>		
<b>Engineer Firm Primary POC Title: Vice President</b>		
<b>Engineer Firm Mailing Address: 333 Baldwin Road</b>		
<b>City: Pittsburgh</b>	<b>State: PA</b>	<b>Zip-Code: 15205</b>
<b>Engineer Firm Office Phone: 412-429-2324; 800-365-2324</b>		
<b>Engineer Firm Primary POC Phone:</b>		
<b>Engineer Firm Primary POC E-Mail:</b>		

### 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):		
Physical Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Adjacent Property Owner Data: Upstream		
Name of Primary Owner (PO):		
Physical Address:		
City:	State:	Zip:
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:		

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: \_\_\_\_\_

Date: \_\_\_\_\_


Applicant Printed Name: \_\_\_\_\_

# 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.

Map created on 9/19/2018

 Flood Info Location

User Notes:

 Flood Hazard Zone

### Disclaimer:

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.

### Flood Hazard Area:

Location is **WITHIN** the FEMA 100-year floodplain.

**Flood Hazard Zone:** AE

**Stream:** Middle Island Creek

**Watershed (HUC8):** Little Musringum-Middle Island (50

**FEMA Flood Map:** 54017C0120C **EFF:** 10/4/2011

**Elevation:** About 777 ft (Source: SAMS 2003)

**Community Name:** Doddridge County

**Community ID:** 540024

**Location (long, lat):** (-80.771075, 39.290722)

**Parcel ID:** 09-08-0011-0077-0000

**Address:** multiple addresses



# 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.

Map created on 9/19/2018

◆ Flood Info Location

User Notes:

■ Flood Hazard Zone

### Disclaimer:

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.

### Flood Hazard Area:

Location is **NOT WITHIN** any identified flood hazard area. Unmapped flood hazard areas may be present.

**Flood Hazard Zone:** N/A

**Stream:** N/A

**Watershed (HUC8):** Little Musringum-Middle Island (50

**FEMA Flood Map:** 54017C0120C **EFF:** 10/4/2011

**Elevation:** About 776 ft (Source: SAMS 2003)

**Community Name:** Doddridge County

**Community ID:** 540024

**Location (long, lat):** (-80.770783, 39.290556)

**Parcel ID:** 09-08-0011-0077-0000

**Address:** multiple addresses



George Eidel &lt;doddridgecountyfpm@gmail.com&gt;

---

**West Union Park Upgrade**

2 messages

---

**George Eidel** <doddridgecountyfpm@gmail.com>  
To: Adam Cheeseman <acheeseman@k12.wv.us>

Wed, Sep 19, 2018 at 10:11 AM

Adam,

Good morning, I have the floodplain permit application for the West Union Park Upgrade, located next to the football field. The actual park is not in the floodplain and the only part in it is the basketball court which is why there is a permit. The question, we usually send out certified letters notifying affected land owners of the project. In this case the only ones are you (BOE) and the Town. I am pretty sure the town will have no issue, just wanted to check and see if you are okay with the upgrade to the park. The only thing they are looking to do with the basketball courts is to put a new surface and paint on it. They may redo the parking lot as well. Do you have any issues with it? Just checking, if you want us to send a certified letter I will.

--

**George C. Eidel**, CFM, OEM Director/Floodplain Manager

Doddridge County Office of Emergency Management  
105 Court Street Suite 3  
West Union, WV 26456-2095  
Work Phone: 1-304-873-1343  
Mobile Phone: 1-304-281-7407  
Fax: 1-304-873-1840  
doddridgecountyfpm@gmail.com

--

CONFIDENTIALITY NOTE: This email message is for the sole use of the intended recipient(s) and may contain confidential, privileged, or sensitive information. Any unauthorized review, use, disclosure, or distribution is strictly prohibited and may be legally accountable.

---

**Adam Cheeseman** <acheeseman@k12.wv.us>  
To: George Eidel <doddridgecountyfpm@gmail.com>

Wed, Sep 19, 2018 at 12:57 PM

It is ok by us...thanks George

Adam Cheeseman  
Superintendent  
Doddridge County Schools  
Office Phone: (304) 873-2300  
Cell Phone: (304) 679-2236

**"Now is the Time: United to Make a Difference"**

CONFIDENTIALITY NOTICE: This information is intended only for the use of the address and may contain confidential/privileged information. If you are not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited under applicable disclosure laws.

---

**From:** George Eidel <doddridgecountyfpm@gmail.com>  
**Sent:** Wednesday, September 19, 2018 10:11:23 AM



9/19/2018

Gmail - West Union Park Upgrade

**To:** Adam Cheeseman

**Subject:** West Union Park Upgrade

[Quoted text hidden]