January 26, 2016

Antero Midstream Partners Rachel Grzybek 535 White Oaks Blvd. Bridgeport, WV 2633

Re: Permit # 16-413 WEC Jumper Pipeline

Dear Ms. Grzybek

West Union

We have received your floodplain permit application and this project is **NOT** in the FloodPlain.

Work can begin immediately. We have issued the project a permit number #16-413, so it can be quickly identified. Thank you for your time sending these project applications to us to allow our office to maintain a comprehensive record of the work conducted in our county.

George Eidel, FloodPlain MGT.

#16-413



Antero Resources 535 White Oaks Blvd. Bridgeport, WV 26330 Office 304.842.4100 Fax 304.842.4102

December 16, 2015

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

Mr. Eidel:

Antero Midstream, LLC would like to submit a Doddridge County Floodplain permit application for our WEC Jumper Pipeline. Our project is located in Doddridge County, New Milton District where the pipeline will be begin at approximate coordinates 39.274486 N, 80.691512 W and will continue to approximate coordinates 39.269042 N, 80.692426 W. Per the FIRM Map #54017C0140C, this location is out of the floodplain.

Attached you will find the following:

- Doddridge County Floodplain Permit Application
- Site Maps
- WV Flood Tool Map
- > FIRM Map
- > Surface Owner Information

Sachl Du

If you have any questions please feel free to contact me at (304) 842-4008.

Thank you in advance for your consideration.

Sincerely,

Rachel Grzybek

Environmental Specialist I

Antero Midstream, LLC

Enclosures

NET TO THE POOL

OS: II MA SS WAL BIDS

THRASHER

November 12, 2015

Mr. George Eidel
Doddridge County Commission
118 East Court Street
West Union, WV 26456

RE: Doddridge County Floodplain Development Permit (Not in Floodplain)

Antero Midstream LLC
WEC Jumper Pipeline Project
Doddridge County, West Virginia
Thrasher Project #101-050-5428 AFE #-A00432

Mr. Eidel:

On behalf of Antero Midstream LLC (Antero), The Thrasher Group, Inc., is submitting to your office, for review and approval, a proposed pipeline project in the USGS Smithburg 7.5 minute quadrangle of Doddridge County, WV.

The proposed WEC Jumper Pipeline Project will consist of the installation of one (1) twenty (20) inch steel buried pipeline, located in a six (6) by six (6) foot trench, beginning at the West End Connector Pipeline, located at approximate coordinates 39.274486°N, and 80.691512°W and terminates at the Toms Fork Pipeline, located at approximate coordinates 39.269042°N and 80.692426°W. The total pipeline length is approximately 2,050 LF (0.39 miles).

The proposed project's limits of disturbance (LOD) will consist of a 90-foot wide construction right-of-way (ROW) and associated workspaces. In addition, the proposed project will utilize one (1) existing access road during the installation of the pipeline. Some road improvements, such as widening, minimal grading, and gravel deposition will be required in order to use the existing access road. The proposed WEC Jumper Pipeline Project LOD encompasses approximately 6.99 acres.

The proposed WEC Jumper Pipeline is located entirely out of the floodplain. Please see attached WV Flood Tool Map and FEMA issued FIRM Map (Doddridge County Panels 140 and 325) with the pipeline and access roads overlaid.

The USGS topographical map, aerial imagery map, FIRM map, and WV Flood Tool Map contained herein depict the proposed limits of disturbance associated with the proposed construction. No construction is proposed in the floodplain; therefore, no fees are associated with this permit.

THRASHER

If any further documentation is required for this project, or if any questions may arise please feel free to contact me at your earliest convenience at (304) 326-6352 or mwilliams@thrashereng.com.

Sincerely,

THE THRASHER GROUP, INC.

Maggin J Williams

Environmental Scientist

Enclosures (6):
USGS Topographic Map
Aerial Imagery Map
WV Flood Tool Map
FIRM Map
Tax Map
Driving Directions



Permit#	
Project Name:	-
Permittees Name:	

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.
- 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. Development shall not be used or occupied until a Certificate of Compliance is issued.
- 5. The permit will expire if no work is commenced within six months of issuance.
- 6. Applicant is hereby informed that other permits may be required to fulfill local, state, and federal requirements.
- 7. Applicant hereby gives consent to the Floodplain Administrator/Manager or his/her representative to make inspections to verify compliance.
- 8. 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_	Brum	Fren	
DATE	1-18-16		

Applicant Information:

Please provide all pertinent data.

Applicant information							
Responsible Company Name: Antero Midstream, LLC							
Corporate Mailing Address: 1615 Wynkoop S	treet						
City: Denver	City: Denver State: CO Zip: 80202						
Corporate Point of Contact (POC): Brian Guar	neros						
Corporate POC Title: Director of Project Man	nagement Mids	stream Operations					
Corporate POC Primary Phone: 303-357-7310							
Corporate POC Primary Email:							
Corporate FEIN:	Corporate DUI	NS:					
Corporate Website: www.anteromidstream.co	om						
Local Mailing Address: 535 White Oaks Blvd							
City: Bridgeport	State: WV	Zip: 26330					
Local Project Manager (PM): Tim Culberson	•						
Local PM Primary Phone: 918-916-1016							
Local PM Secondary Phone:							
Local PM Primary Email:							
Person Filing Application: Rachel Grzybek							
Applicant Title: Environmental Specialist I							
Applicant Primary Phone: 304-842-4008							
Applicant Secondary Phone: 304-641-2396							
Applicant Primary Email: rgrzybek@anterore	sources.com						

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:	
Please see attachments	
	7.77.07.00
	*** <u></u>
	<u> </u>

Proposed Development:

 ${\it Please check all elements of the proposed project that apply.}$

DESCRIPTION OF WORK (CHECK ALL APPLICABLE BOXES)

A. STRUCTURAL DEVELOPMENT

	AC	TIVITY				STRUCTU	RAL TYPE	
[]	New Struct	ture			[]	Residential (1 – 4 Family)		
[]	Addition				[]	Residential (more than 4 Fa		
[]	Alteration				[]	Non-residential (floodproof		
[]	Relocation				[]	Combined Use (res. & com.		
[]	Demolition	1			[]	Replacement		
[]	Manufacti	ured/Mo	bil Home					
В.	OTHER DE	VELOP	LMENT ACTI	VITIES:				
[]	Fill	[]	Mining	[]	Drillin	g Ñ	Pipelining	
[]	Grading						. •	
[]	Excavation	(except	for STRUCTUR	RAL DEVE	LOPMEN	T checked a	bove)	
[]	Watercour	se Altera	ation (including	g dredgi:	ng and ch	annel modif	ication)	
[]			nents (includin				•	
[]	Road, Stree	et, or Bri	dge Construct	ion	•			
[]	Subdivision	n (includi	ing new expan	sion)				
[]			Sewer Systen	•				
	Other (plea	ase speci	fy)					
	,							
				·				

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					
Legal Description: WEC	·		<u></u>		
begar bescription. WEC					
Physical Address/911 Add	ress:				
Decimal Latitude/Longitud	le: 39.274486,-80.69	91512 to 39.2690	042,-80.	692426	
DMS Latitude/Longitude:					
District: New Milton	Мар:		Parcel	:	
Land Book Description:			l 		
Deed Book Reference:					
Tax Map Reference:					
Existing Buildings/Use of P	roperty:				
Floodplain Location Data: (to be completed by F	loodplain Manag	er or des	ignee)	
Community:	Number:	Panel:		Suffix:	
Location (Lat/Long):		Approximate E	levation	1:	
Estimated BFE:					
Is the development in the floodway? Is the development in the floodplain?					
Yes No Zone:					
Notes:					
	- .				
			-		

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		
Property Owner Data:		
Name of Primary Owner (PO): Please see atta	chments	
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		
Name of Primary Owner (PO):		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		
Mineral Rights Owner Data: (As Applicable)	<u></u>	
Name of Primary Owner (PO):		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Contractor Data:

Property Designation:

of_

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.

Contractor/Sub-Contractor (C/SC) I	nformation:	
C/SC Company Name: To be determ	mined-request condition	nal approval
C/SC WV License Number:		
C/SC FEIN:	C/SC DUNS:	
Local C/SC Point of Contact (POC):		
Local C/SC POC Title:		
C/SC Mailing Address:		
City:	State:	Zip-Code:
Local C/SC Office Phone:		
Local C/SC POC Phone:		
I COMPANY		
Local C/SC POC E-Mail:		
Engineer Firm Information:		
Engineer Firm Information: Engineer Firm Name: The Thrasho	er Group, Inc.	
Engineer Firm Information: Engineer Firm Name: The Thrasho	er Group, Inc. 375	
Engineer Firm Information: Engineer Firm Name: The Thrasho		m DUNS:
Engineer Firm Information: Engineer Firm Name: The Thrasho Engineer WV License Number: 163	375 Engineer Fir	
Engineer Firm Information: Engineer Firm Name: The Thrasho Engineer WV License Number: 163 Engineer Firm FEIN: Engineer Firm Primary Point of Con	375 Engineer Fir	
Engineer Firm Information: Engineer Firm Name: The Thrasho Engineer WV License Number: 163 Engineer Firm FEIN: Engineer Firm Primary Point of Con Engineer Firm Primary POC Title:	Engineer Fire stact (POC): Matthew Flu	
Engineer Firm Information: Engineer Firm Name: The Thrasho Engineer WV License Number: 163 Engineer Firm FEIN: Engineer Firm Primary Point of Con Engineer Firm Primary POC Title:	Engineer Fire stact (POC): Matthew Flue Project Manager	
Engineer Firm Information: Engineer Firm Name: The Thrasho Engineer WV License Number: 163 Engineer Firm FEIN: Engineer Firm Primary Point of Con Engineer Firm Primary POC Title: Engineer Firm Mailing Address: 60	Engineer Fire stact (POC): Matthew Flux Project Manager O White Oak Blvd State: WV	harty
Engineer Firm Information: Engineer Firm Name: The Thrasho Engineer WV License Number: 163 Engineer Firm FEIN: Engineer Firm Primary Point of Con Engineer Firm Primary POC Title: Engineer Firm Mailing Address: 60 City: Bridgeport	Engineer Fire stact (POC): Matthew Flue Project Manager Of White Oak Blvd State: WV	harty

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): Please see att	achments	
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:		<u> </u>
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
- 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 been properly attained, are current and valid, and must be presented with this application before a Doddridge County Floodplain Permit may be 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 at the next scheduled Doddridge County Commission meeting after the date of issuance. 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. A Certificate of Compliance is required upon substantial completion of the project.
- 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 Wirt County Floodplain Manager and that I must stop all construction immediately until discrepancies of actual work vs. proposed work is

Applicant Signature: Date: 1-18-11	
Applicant Printed Name: Brian Guarneros	-



Antero Midstream Pertners La 1 inch = 2,000 feet Figure 1: Project Location

WEC Jumper Pipeline

Doddridge County - West Virginia

THRASHER

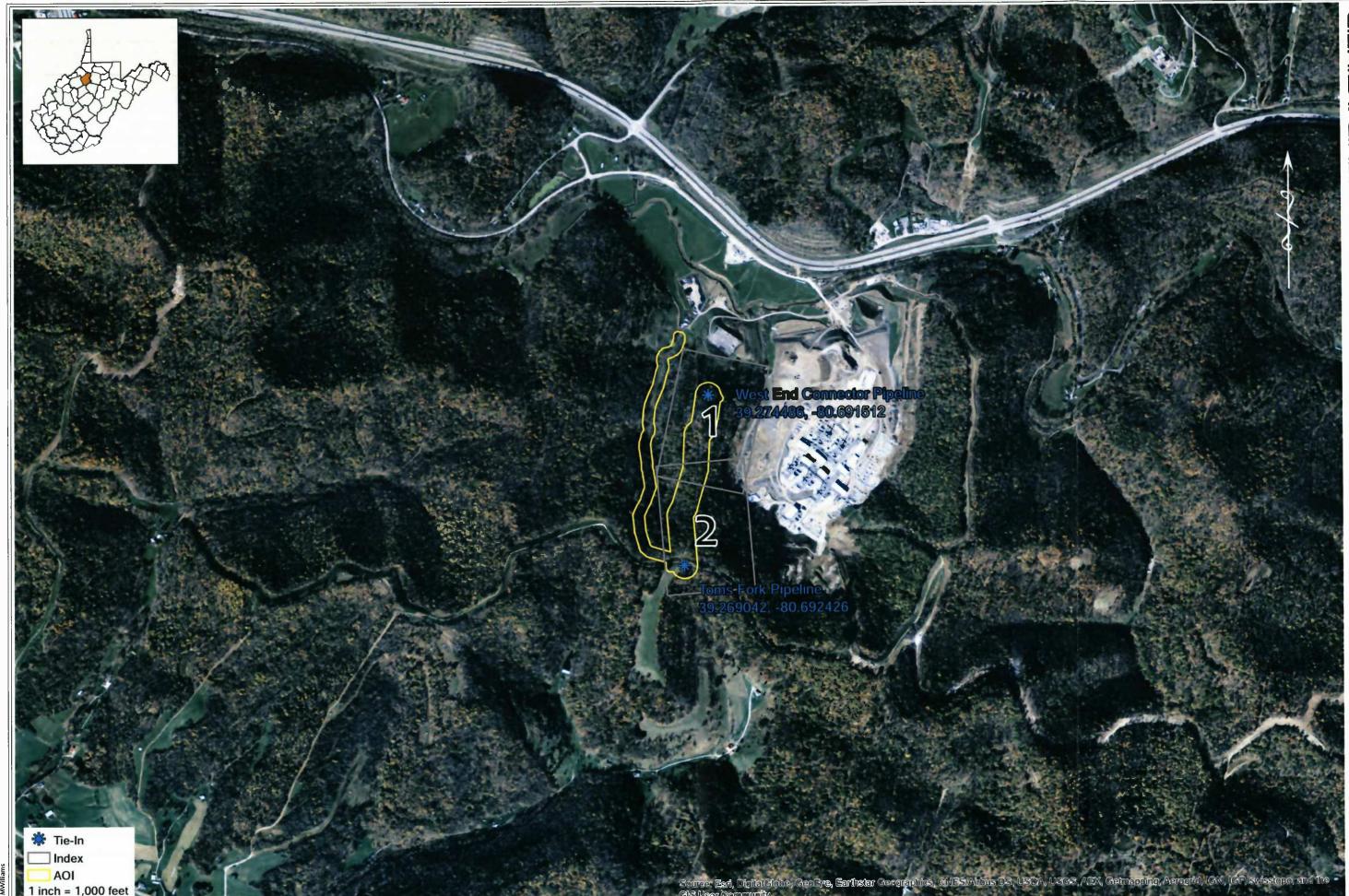




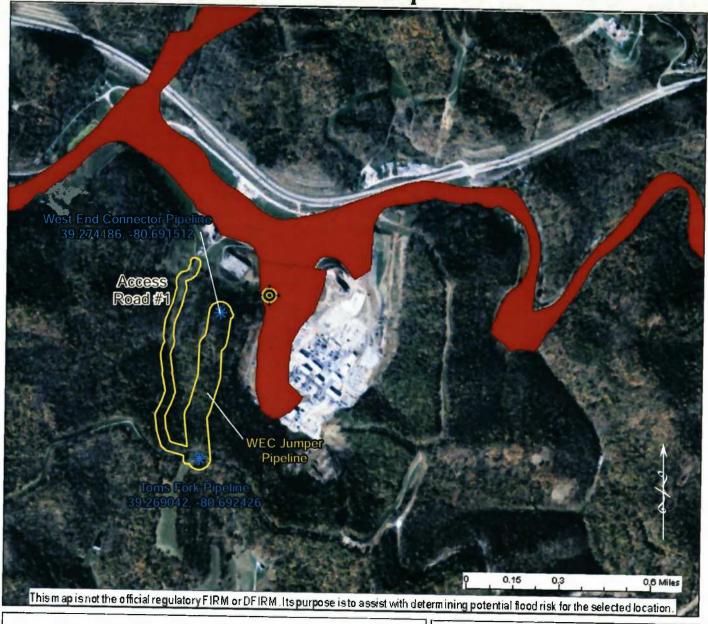
Figure 2.0: Potentially Jurisdictional Features Index WEC Jumper Pipeline Doddridge County - West Virginia





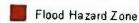
Figure 2.2: Potentially Jurisdictional Features

WV Flood Map



User Notes:

WEC Jumper Pipeline





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. To obtain more detailed information in areas where Base Flood Elevations have been determined, users are encouraged to consult the latest Flood Profile data contained in the official flood insurance study. These studies are available online at www.msc fema.gov. WV Flood Tool (http://www.MapWV 20vflood) is supported by FEMA, WV NFIP Office, and WV GIS Technical Center.

Map created on November 11, 2015

Flood Hazard Area:

Flood Hazard Area: Location is WITHIN the FEMA 100-year floodplain.

FEMA Issued Flood Map: 54017C0140C

Watershed (HUC8): Little Musningum-Middle I sland (.

Elevation: About 815 ft

Location (long, lat): (80.689190 W,39.275159 N)

Location (UTM 17N): (526809, 4347357)

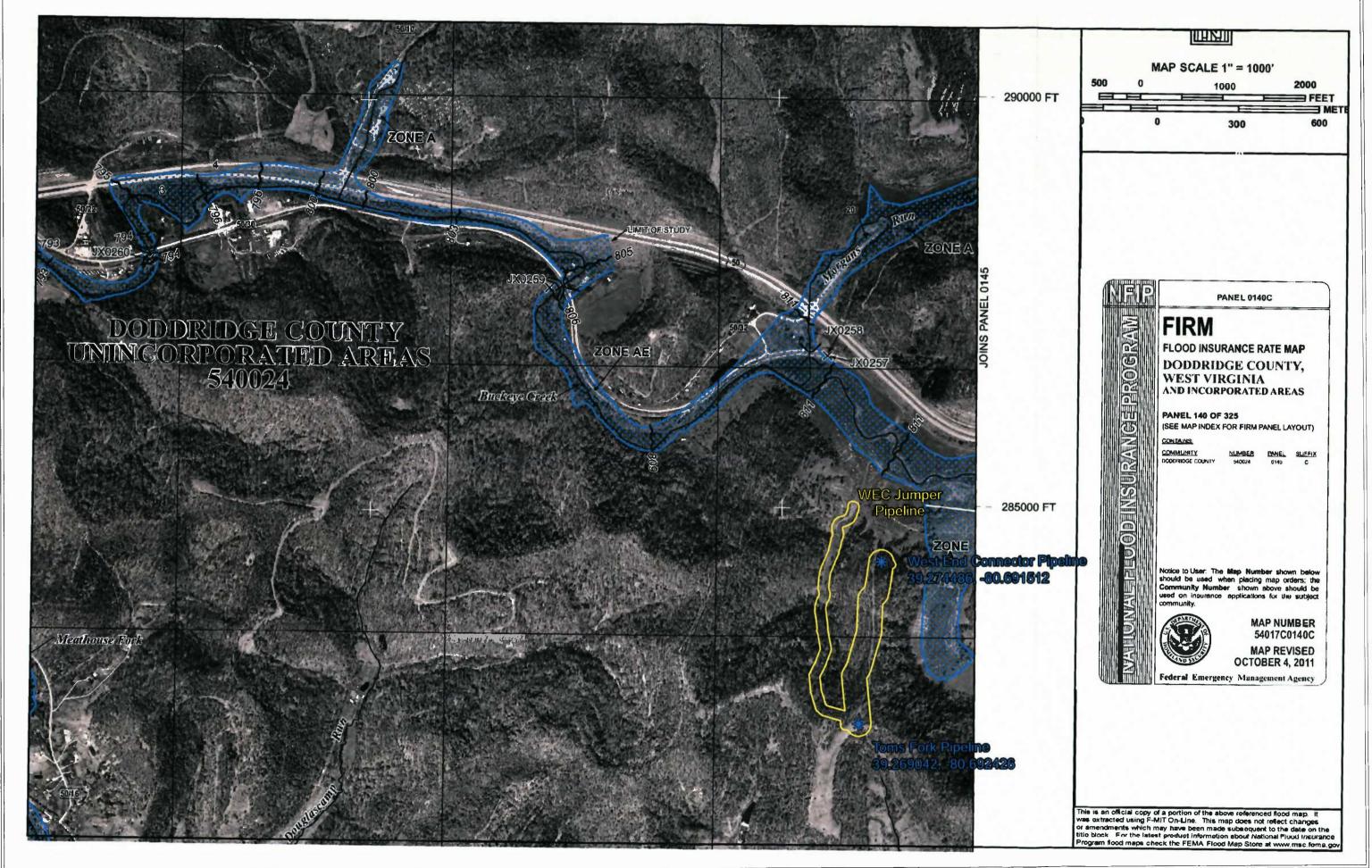
Contacts:

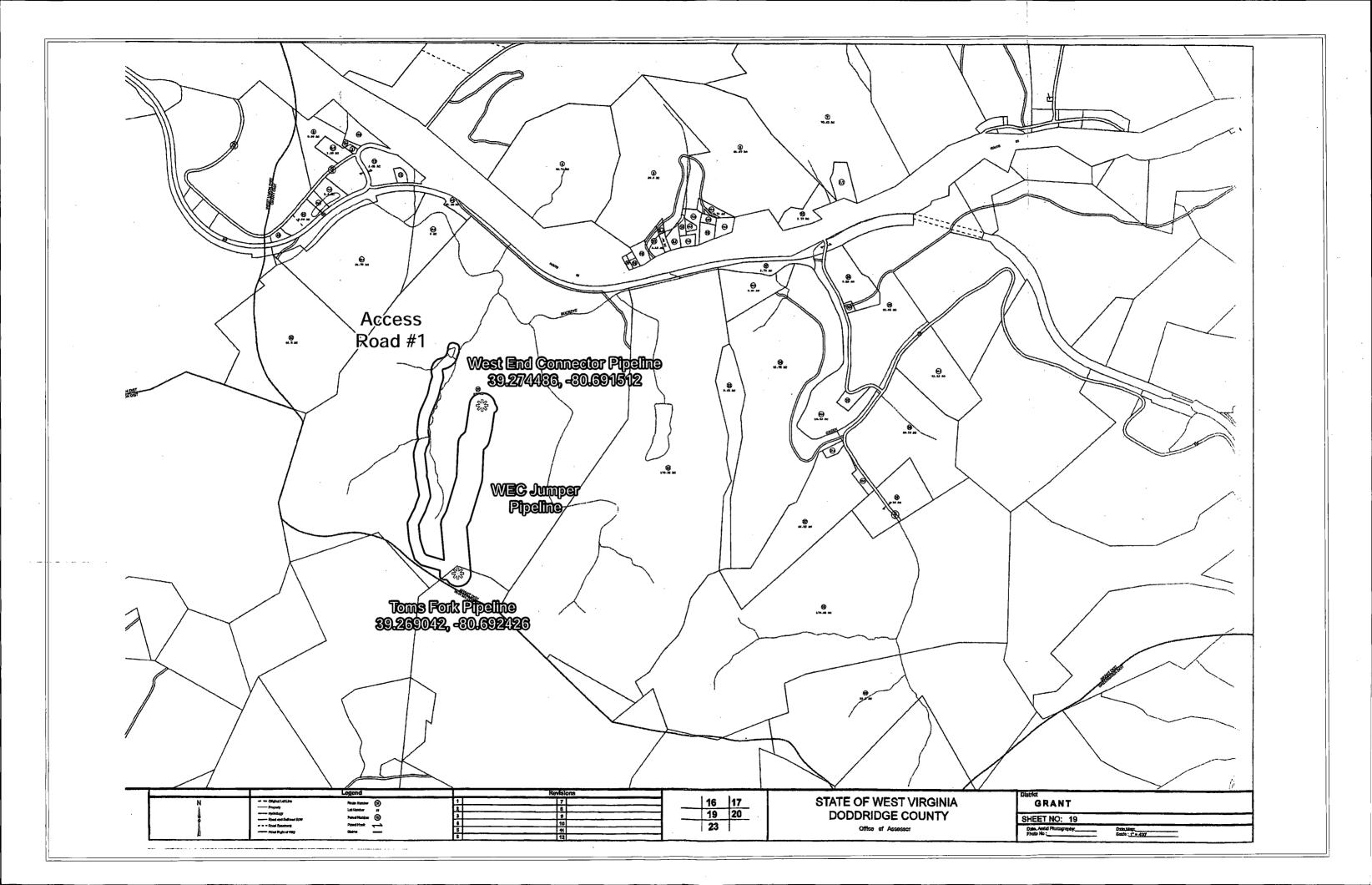
Doddridge

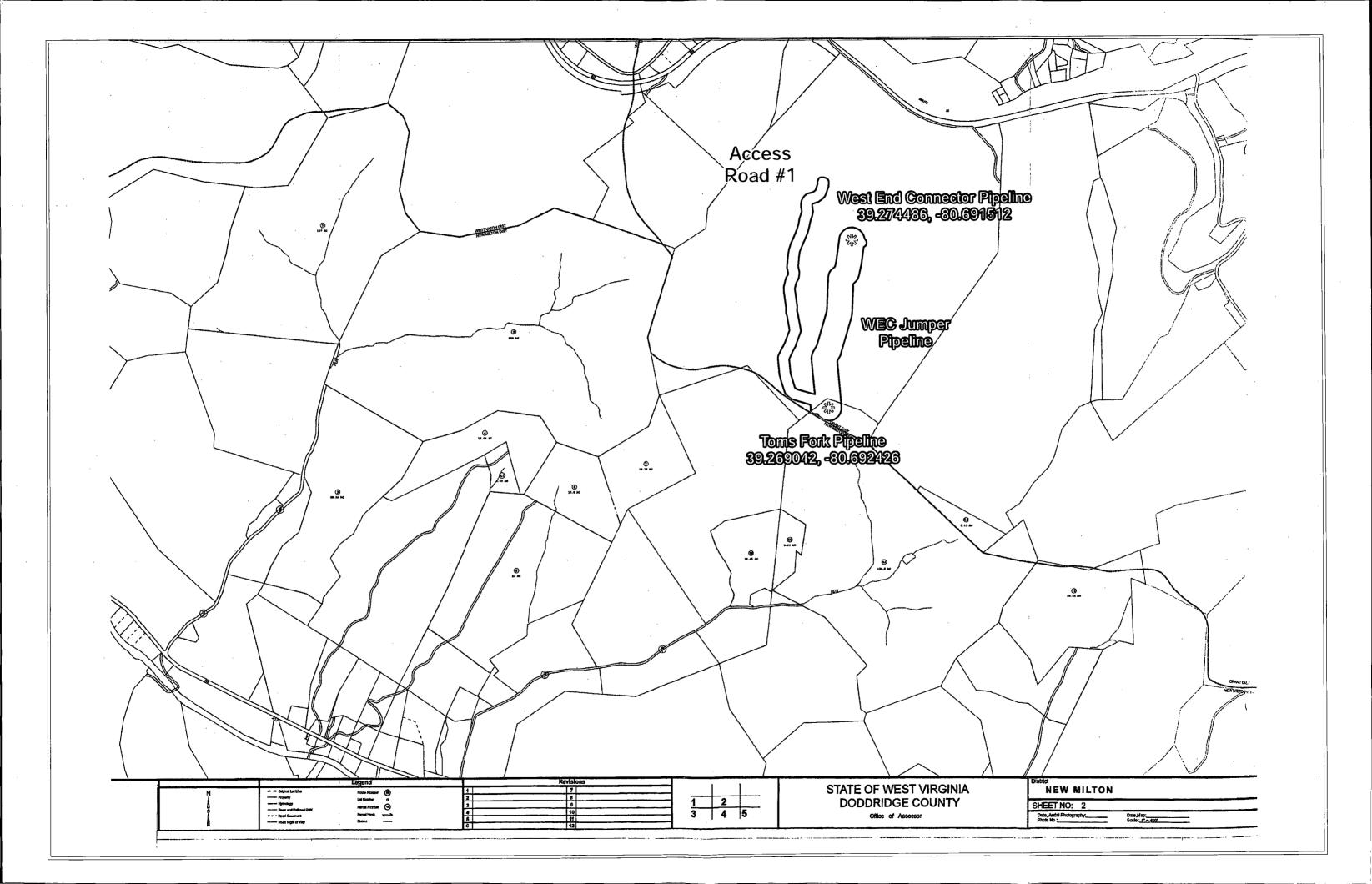
CRS Information:

N/A

Parcel Number:







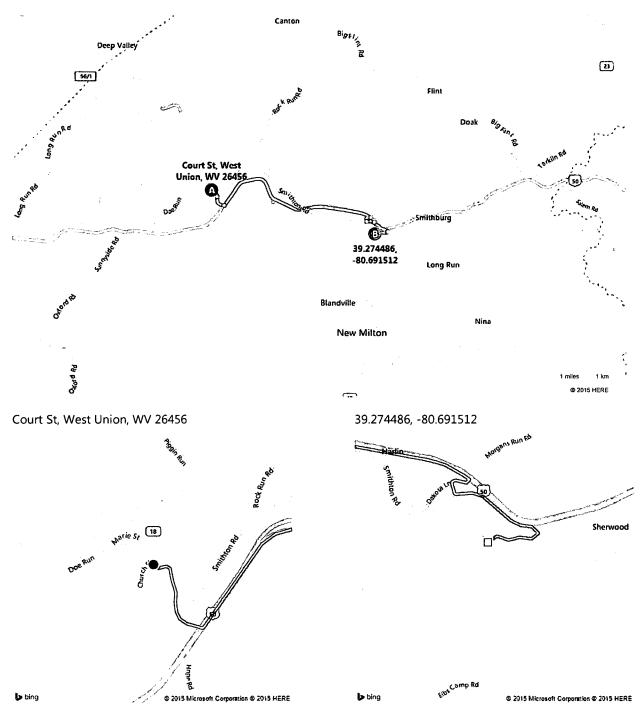
WEC Jumper Pipeline Project Surface Owners Table

Surface Owners

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	roc	воок	PAGE	LEGAL DESC
GRANT	3	19	31	D&M POWELL LLC	304 STUART ST, WEST UNION, WV 26456		304	355	BUCKEYE 240.36 AC INT O&G
NEW MILTON	6	2	11.1	RIVERS HOWARD J & TAMMY S (SURV)	1079 EIBS CAMP RD, NEW MILTON, WV 26411	RT 18/6	249	356	136.8 AC EIBS CAMP

bing maps

From: To:		Court St, West Union, WV 26456 39.274486, -80.691512	16 min, 6.7 mi Light traffic	
Notes:		Type your route notes here	15 min without traffic Via US-50 E	
		Court St, West Union, WV 26456		
	↑	Depart Court St toward Chancery St	0.1 mi	
	↑	Road name changes to Railroad St	0.2 mi	
	יק	Bear right onto WV-18	0.4 mi	
	4	Turn left onto US-50 E	4.7 mi	
	L	Turn right onto Smithton Rd	0.2 mi	
	4	Turn left onto Swisher Ln	0.2 mi	
	1	Keep straight onto road • Unpaved Road	0.5 mi	
	Г >	Turn right onto road • Unpaved Road	0.4 mi	
		Arrive on the left		
		39.274486, -80.691512		



These directions are subject to the Microsoft® Service Agreement and are for informational purposes only. No guarantee is made regarding their completeness or accuracy. Construction projects, traffic, or other events may cause actual conditions to differ from these results. Map and traffic data © 2015 HERE™.



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:

Permit Application # 16-413 NOT IN FLOODPLAIN Please take notice that on the 15th day of January, 2016 Antero Midstream Partners LP / WEC Jumper Pipeline filed an application for a Floodplain Permit to develop land located at or about: Location: New Milton District Received: 01/22/2016 Announced: 02/02/2016 Publication Date: Week of 01/24/2016 20-Day Comment Period Window (from Commission Meeting2/24/2016 90-Day Approval Window (from date of receipt) N/A Project Description: Pipeline

was published in The Doddridge Independent 2 times commencing on Friday, January 29, 2016 and Ending on Friday, February 5, 2016 at the request of:

George Eidel, Doddridge County Floodplain Manager& Doddridge County Commission

Given under my hand this Monday, February 8, 2016

The publisher's fee for said publication is:

\$ 25.27 1st Run/\$ 18.95 Subsequent Runs This Legal Ad Total: \$ 44.22

Michael B. Zorn
Publisher of The Doddridge Independent

Subscribed to and sworn to before me on

this date: $\frac{2}{\sqrt{8}}$

Notary Public in and for Doddridge County

My Commission expires on

The 17t1 day of MAY 20 19

Public Notice • Legal Notice

Doddridge County

Permit Application # 16-413 NOT IN FLOODPLAIN

Please take notice that on the 15th day of January, 2016

Please take notice that on the 15th tay

Antero Midstream Partners LP / WEC Jumper Pipeline

Antero Midstream Partners LP / WEC Jumper Pipeline

filed an application for a Floodplain Permit to develop land located at or

about:

Location: New Milton District
Received: 01/22/2016
Announced: 02/02/2016
Publication Date: Week of 01/24/2016
20-Day Comment Period Window (from Commission Meeting2/24/2016

Meeung2/24/2010 90-Day Approval Window (from date of receipt) N/A Project Description: Pipeline

Project Description: Figure 1. The Application is on file with the Clerk of the County Court and may be inspected or copied during regular business hours. As this project is outside the FEMA identified floodplain of Doddridge County, Doddridge County Floodplain Management has no regulatory Doddridge County Floodplain Management has no regulatory authority. Any interested persons who desire to comment shall present the same in writing by February 22nd, 2016, delivered to:

Clerk of the County Court

118 E. Court Street, West Union, WV 26456
Beth A Rogers, Doddridge County Clerk
George Eidel. Doddridge County Flood Plain Manager

r 1/29 - 2/5