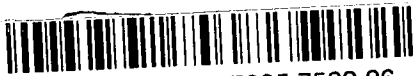


SENDER: COMPLETE THIS SECTION

- 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 Leatherman
627 Morgans Run Road
West Union, WV 26456



9590 9402 3685 7335 7560 26

2. Article Number (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
 Addressee
X Mark Leatherman

B. Received by (Printed Name)

C. Date of Delivery
 7/20

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

3. Service Type Priority Mail Express®
 Adult Signature Registered Mail™
 Adult Signature Restricted Delivery Registered Mail Restricted Delivery
 Certified Mail® Return Receipt for Merchandise
 Certified Mail Restricted Delivery Signature Confirmation™
 Collect on Delivery Signature Confirmation Restricted Delivery
 Collect on Delivery Restricted Delivery Insured Mail
 Insured Mail Restricted Delivery (over \$500)

Domestic Return Receipt


PS Form 3811, July 2015 PSN 7530-02-000-9053

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:

Delbert E. Leatherman
3099 Dogwood Road
Bridgeport, WV 26330



9590 9402 3685 7335 7560 02

2. Article Number (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
 Addressee
X Delbert E. Leatherman

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 Priority Mail Express®
 Adult Signature Registered Mail™
 Adult Signature Restricted Delivery Registered Mail Restricted Delivery
 Certified Mail® Return Receipt for Merchandise
 Certified Mail Restricted Delivery Signature Confirmation™
 Collect on Delivery Signature Confirmation Restricted Delivery
 Collect on Delivery Restricted Delivery Insured Mail
 Insured Mail Restricted Delivery (over \$500)

Domestic Return Receipt

PS Form 3811, July 2015 PSN 7530-02-000-9053

7016 2070 0000 3170 2594

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

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

OFFICIAL USE

Certified Mail Fee
 \$ 3.45

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

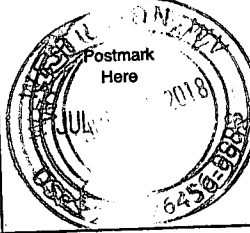
Return Receipt (hardcopy) \$ 2.75
 Return Receipt (electronic) \$
 Certified Mail Restricted Delivery \$
 Adult Signature Required \$
 Adult Signature Restricted Delivery \$

Postage
 \$ 50

Total Postage and Fees
 \$ 6.70

Sent To
Donna Leatherman
 Street and Apt. No. or PO Box No.
627 Morgans Run Rd.
 City, State, ZIP+4®
West Union, WV 26456 18-524

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



0092 017E 0000 0200 0200

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

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

OFFICIAL USE

Certified Mail Fee
 \$ 3.45

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

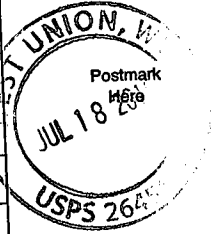
Return Receipt (hardcopy) \$ 2.75
 Return Receipt (electronic) \$
 Certified Mail Restricted Delivery \$
 Adult Signature Required \$
 Adult Signature Restricted Delivery \$

Postage
 \$ 50

Total Postage and Fees
 \$ 6.70

Sent To
Ronald M. & Jarnie M. Hoss % First American Real Estate & Tax
 Street and Apt. No. or PO Box No.
1 First American Way
 City, State, ZIP+4®
Westlake, TX 76262 18-524

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



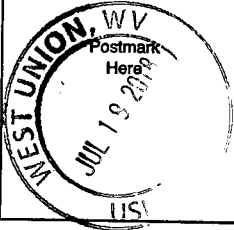
7016 2070 0000 3170 2617

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

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

OFFICIAL USE

Certified Mail Fee	\$ 3.45
Extra Services & Fees (check box, add fee as appropriate)	
<input checked="" type="checkbox"/> Return Receipt (hardcopy)	\$ 2.95
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$



Postage \$.50

Total Postage and Fees \$ 6.70

Sent To Delbert E. Leatherman
 Street and Apt. No., or PO Box No. 3009 Dogwood Rd.
 City, State, ZIP+4® Briarport, WV 26330 18-524

PS Form 3800, April 2015 PSN 7530-01-000-9001 See Reverse for Instructions

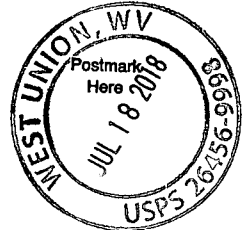
7016 2070 0000 3170 2624

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

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

OFFICIAL USE

Certified Mail Fee	\$ 3.45
Extra Services & Fees (check box, add fee as appropriate)	
<input checked="" type="checkbox"/> Return Receipt (hardcopy)	\$ 2.95
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$



Postage \$.50

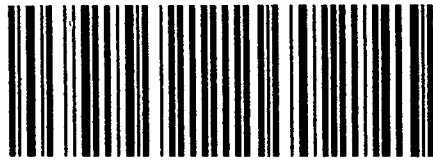
Total Postage and Fees \$ 6.70

Sent To WV Division of Highways
 Street and Apt. No., or PO Box No. 1900 Kanawha Blvd. E
 City, State, ZIP+4® Charleston, WV 25305 18-524

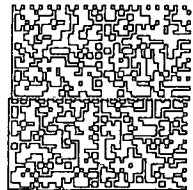
PS Form 3800, April 2015 PSN 7530-01-000-9001 See Reverse for Instructions

CERTIFIED MAIL

Doddridge County Office of Emergency Management
George Eidel, Floodplain Manager
105 Court Street, Suite 3
West Union, WV 26456



7016 2070 0000 3170 2600



HASLER

\$006.70⁰

07/18/2018 ZIP 26456
012E14643162

US POSTAGE

Ronald M. & Jamie M. Hass
% First American Real Estate Tax
1 First American Way
Westlake, TX 76262

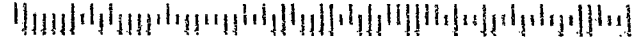
3A

NIXIE 750 DE 1 0007/27/18

RETURN TO SENDER
INSUFFICIENT ADDRESS
UNABLE TO FORWARD

7626235795 IA
26456>2012

BC: 26456201205 *2271-08492-18-42



PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS FIELD ONLY

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
% First American Real Estate Tax
1 First American Way
Westlake, TX 76262



9590 9402 3685 7335 7560 19

2. Article Number (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

- Agent
- Addressee

B. Received by (Printed Name)

C. Date of Delivery

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

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Insured Mail
- Insured Mail Restricted Delivery (over \$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Return Receipt for Merchandise
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Doddridge County Office of
Emergency Management/Floodplain Management
105 Court Street, Suite 3
304-873-1343
doddridgecountyfpm@gmail.com



Dear Sir or Ma'am,

July 18, 2018

You are receiving this letter because you have been identified as a land surface and/or mineral rights owner for property or adjacent property related to the proposed development/project identified by the following page.

No action is required of you. This letter is simply to inform you of the proposed development.

If you would like to comment on this proposed project, or would like additional information, you may contact the Doddridge County Floodplain Manager at the above address.

Respectfully yours,

A handwritten signature in cursive script, appearing to read 'George Eidel'.

George Eidel, CFM, OEM Director/Floodplain Manager

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.

West Virginia Division of Highways
1900 Kanawha Blvd. E
Charleston, WV 25305



9590 9402 3685 7335 7559 99

2. Article Number (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

 Agent

Addressee

B. Received by (Printed Name)

C. Date of Delivery

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

3. Service Type

- | | |
|--|---|
| <input type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® |
| <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ |
| <input type="checkbox"/> Certified Mail® | <input type="checkbox"/> Registered Mail Restricted Delivery |
| <input type="checkbox"/> Certified Mail Restricted Delivery | <input type="checkbox"/> Return Receipt for Merchandise |
| <input type="checkbox"/> Collect on Delivery | <input type="checkbox"/> Signature Confirmation™ |
| <input type="checkbox"/> Collect on Delivery Restricted Delivery | <input type="checkbox"/> Signature Confirmation Restricted Delivery |
| <input type="checkbox"/> Insured Mail | |
| <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500) | |

USPS TRACKING#
CHARLESTON



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

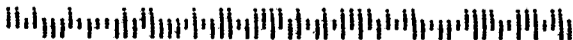
9590 9402 3685 7335 7559 99

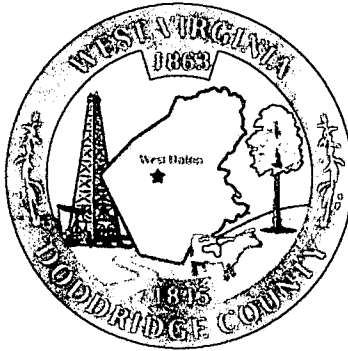
**United States
Postal Service**

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

**Doddridge County Office of Emergency Management
George Eidel, Floodplain Manager
105 Court Street, Suite 3
West Union, WV 26456**

18-524





Doddridge County Floodplain Permits

(Week of July 23, 2018)

Please take notice that on the 16th of July, 2018, Antero Resources filed an application for a Floodplain Permit (#18-524) to develop land located at or about Morgan's Run Road; Coordinates: 39.286096N, - 80.690681W. 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 August 27, 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 cleaning of the ditches along Morgan's Tun Road

A handwritten signature in black ink, appearing to read "George C. Eidel".

GEORGE C. EIDEL, CFM

Doddridge County Floodplain Manager



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: #18-524

Date Approved: August 27, 2018

Expires: August 27, 2019

Issued to: Antero Resources

POC: Rachel McKinney

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

Project Address: Morgans Run Road

Firm: 54017C0140C

Lat/Long: 39.286096N, -80.690681W

Purpose of Development: Ditch Cleaning

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

Date: August 27, 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



ANTERO RESOURCES
1615 WYNKOOP STREET
DENVER, COLORADO 80202

COPY

Vendor Name	Vendor No.	Date	Check Number	Check Total
DODDRIDGE COUNTY COMMISSION	43312	Oct-03-2018	191131	\$500.00

INV #	INV DATE	DESCRIPTION	AMOUNT	DISCOUNTS	NET AMOUNT
ML09272018	09/27/18	FLOODPLAIN PERMIT MORGANS RUN DITCH	500.00	0.00	500.00

FP # 18-524

OCT15 18 11:49AM

COPY

COPY

TOTAL INVOICES PAID ==> 500.00 0.00 500.00

DETACH AND RETAIN FOR TAX PURPOSES

THIS CHECK HAS A COLORED FACE ON WHITE STOCK AND AN ARTIFICIAL WATERMARK ON THE BACK

COPY

COPY



ANTERO RESOURCES
1615 WYNKOOP STREET
DENVER, COLORADO 80202

Wells Fargo
Denver, CO

Check No. 191131

AP - 400

Void After 90 Days

PAY TO THE ORDER OF EXACTLY \$500dols00cts
Five Hundred Dollars and Zero Cents

COPY

CHECK NUMBER	DATE	PAY EXACTLY
191131	Oct-03-2018	\$500.00

TO THE ORDER OF

DODDRIDGE COUNTY COMMISSION
108 COURT ST STE 1~
WEST UNION, WV 26456

COPY

COPY

[Signature]

COPY

⑈ 191131 ⑈ ⑆ 041203824 ⑆ 9647481952 ⑈

FLOODPLAIN PERMIT #18-524

Antero Resources Morgans Run Rd. Ditch Cleaning, 39.286096N,-80.690681W

TASK	COMPLETE (DATE)	NOTES
CHECK RECEIVED		
US ARMY CORP. ENGINEERS (USACE)		
US FISH & WILDLIFE SERVICES (USFWS)		
WV DEPT. NATURAL RESOURCES (WVDNR)		
WV DEPT. ENVIROMENTAL PROTECTION (WVDEP)		
STATE HISTORIC & PRESERVATION OFFICE (SHPO)		
OFFICE of LAND & STREAM (OLS)		
DATE OF COMMISSION READING	7/7/2018	
DATE AVAILABLE TO BE GRANTED	7/27/2018	
PERMIT GRANTED		
COMPLETE		

7016 2070 0000 3170 2594

7016 2070 0000 3170 2600

7016 2070 0000 3170 2617

7016 2070 0000 3170 2624



Doddridge County Floodplain Permits

(Week of July 23, 2018)

Please take notice that on the **16th of July, 2018, Antero Resources** filed an application for a Floodplain Permit (**#18-524**) to develop land located at or about **Morgan's Run Road; Coordinates: 39.286096N, - 80.690681W**. 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 **August 27, 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 cleaning of the ditches along Morgan's Tun Road**

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



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

July 2, 2018

Doddridge County Commission
Attn: George Eidel, Doddridge County Floodplain Manager
108 Court Street, Suite 1
West Union, WV 26456

JUL16 10 8:28AM

Mr. Eidel:

Antero Resources Corporation would like to submit a Doddridge County Floodplain permit application for our ***Morgan's Run Road Ditch Cleaning***. Our project is located in Doddridge County where the replacement is located at coordinates 39.286543N, 80.688648W. Per the FIRM Maps #54017C0130C, #54017C0140C, #54017C0145C this location is in the floodplain.

Attached you will find the following:

- Doddridge County Floodplain Permit Application
- No-Rise Certificate
- WV Flood Tool Map
- FIRM Maps
- Site Maps

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

Thank you in advance for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read "Rachel McKinney".

Rachel McKinney
Environmental Specialist II
Antero Resources Corporation

Enclosures



Permit# 18-524
Project Name: MORGANS RUN RD Ditch Clean up
Permittees Name: Antero Resources

JUL16 10 8:28AM

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 *[Signature]*

DATE 7/2/18

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Applicant Information:

Please provide all pertinent data.

Applicant Information		
Responsible Company Name: Antero Resources Corporation		
Corporate Mailing Address: 1615 Wynkoop Street		
City: Denver	State: CO	Zip: 80202
Corporate Point of Contact (POC):		
Corporate POC Title:		
Corporate POC Primary Phone:		
Corporate POC Primary Email:		
Corporate FEIN:	Corporate DUNS:	
Corporate Website: www.anteroresources.com		
Local Mailing Address: 535 White Oaks Blvd.		
City: Bridgeport	State: WV	Zip: 26330
Local Project Manager (PM):		
Local PM Primary Phone:		
Local PM Secondary Phone:		
Local PM Primary Email:		
Person Filing Application: Rachel McKinney		
Applicant Title: Environmental Specialist II		
Applicant Primary Phone: (304) 842-4008		
Applicant Secondary Phone: (304) 641-2396		
Applicant Primary Email: rmckinney@anteroresources.com		

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 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 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: 1 of 1

Site/Property Information:		
Legal Description: N/A		
Physical Address/911 Address: WVDOH CR 20 (Morgans Run) & CR 30 (Wolfpen Run)		
Decimal Latitude/Longitude: 39.284775, -80.692783		
DMS Latitude/Longitude: 39° 17' 5.19" N, 80° 41' 34.02" W		
District: 03	Map: 16	Parcel: N/A
Land Book Description: N/A		
Deed Book Reference: N/A		
Tax Map Reference: N/A		
Existing Buildings/Use of Property: County Road		

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

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Property Owner Data:

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

Property Designation: <u> 1 </u> of <u> 1 </u>
--

Property Owner Data:		
Name of Primary Owner (PO): West Virginia Division of Highways		
PO Address: 1900 Kanawha Blvd E		
City: Charleston	State: WV	Zip: 25305
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: (As Applicable)		
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 ____

Contractor/Sub-Contractor (C/SC) Information:		
C/SC Company Name: N/A		
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:		
Local C/SC POC E-Mail:		

Engineer Firm Information:		
Engineer Firm Name:		
Engineer WV License Number:		
Engineer Firm FEIN:	Engineer Firm DUNS:	
Engineer Firm Primary Point of Contact (POC):		
Engineer Firm Primary POC Title:		
Engineer Firm Mailing Address:		
City:	State:	Zip-Code:
Engineer Firm Office Phone:		
Engineer Firm Primary POC Phone:		
Engineer Firm Primary POC E-Mail:		

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

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): Ronald M & Jamie M Hass (SURV) % First American Real Est Tax		
Physical Address: 1 First American Way		
City: Westlake	State: TX	Zip: 76262
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): Delbert E. Leatherman Et. Al.		
Physical Address: 3009 Dogwood Road		
City: Bridgeport	State: WV	Zip: 26330
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Adjacent Property Owner Data: Downstream		
Name of Primary Owner (PO): Donna Leatherman		
Physical Address: 627 Morgans Run Road		
City: West Union	State: WV	Zip: 26456
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

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:

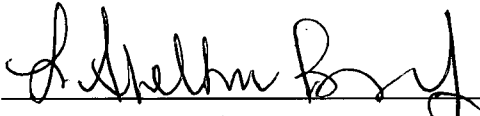
1. Legal description of the parcel, north arrow and scale
2. All property lines and their dimensions
3. Names of adjacent roads, location of driveways
4. Location of sloughs, tributaries, streams, rivers, wetlands, ponds, and lakes, with setbacks indicated, and including FEMA floodplain data based on 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.

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Applicant

Please read print name, sign and date below:

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

Applicant Signature:  Date: 7/2/18

Applicant Printed Name: L. Shelton Barger, Jr.



June 29, 2018

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

Subject: Antero Resources Corporation
Morgans Run Road Ditch Cleaning
No-Rise Certificate
Doddridge County, West Virginia
CEC Project 183-281

Civil & Environmental Consultants, Inc. (CEC) is pleased to evaluate the potential floodplain impacts for the above referenced project on behalf of Antero Resources Corporation, 535 White Oaks Blvd., Bridgeport, WV 26330. Antero Resources Corporation proposes to perform ditch cleaning along West Virginia Division of Highways County Route 20 (Morgans Run Road) and County Route 30 (Israels Fork). A portion of the proposed project is located within the Morgans Run Zone A flood hazard area, according to the Flood Insurance Rate Map (FIRM) for Doddridge County, Map Panels 54017C0130C, 54017C0140C, and 54017C0145C, with a map revised date of October 4, 2011. The work that will take place in the floodplain consists of re-establishing the ditchline. No fill is proposed, and all materials will be hauled off-site to a designated landfill location. Temporary erosion control measures will be removed upon completion of the project. As a result, the proposed project will not result in a decrease of the available floodplain storage area and will not adversely affect the existing base flood elevation of Morgans Run.

This no-rise certificate is provided in support of the floodplain development permit application. Your time and effort in reviewing this floodplain development permit application is appreciated. Please feel free to contact me at 304-933-3119 or via e-mail at glinder@cecinc.com, or contact Mrs. Rachel McKinney at 304-842-4008 or via e-mail at rmckinney@anteroresources.com if you have questions or need additional information.

Respectfully submitted,

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

Andrew P. Darnell, E.I.T.
Assistant Project Manager

Gregory S. Linder, P.E.
Principal



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 6/28/2018

 Flood Info Location

FEMA Effective Floodplain

-  Floodway
-  Flood Hazard Zone
-  Advisory Zone
-  A or Updated Zone AE

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.

User Notes:

Antero Resources Corporation
Morgans Run Road Ditch
Cleaning
AFE# AG196

Flood Hazard Area:

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

Flood Hazard Zone: A

Stream: Morgans Run

Watershed (HUC8): Little Musringum-Middle Island (50302)

FEMA Flood Map: 54017C0140C EFF: 10/4/2011

Elevation: About 834 ft (Source: SAMS 2003)

Community Name: Doddridge County

Community ID: 540024

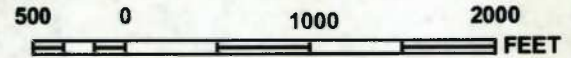
Location (long, lat): (-80.690681, 39.286096)

Parcel ID: No Parcel

Address: N/A



MAP SCALE 1" = 1000'



NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0140C

FIRM
FLOOD INSURANCE RATE MAP
DODDRIDGE COUNTY,
WEST VIRGINIA
AND INCORPORATED AREAS

PANEL 140 OF 325
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
DODDRIDGE COUNTY	540024	0140	C

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

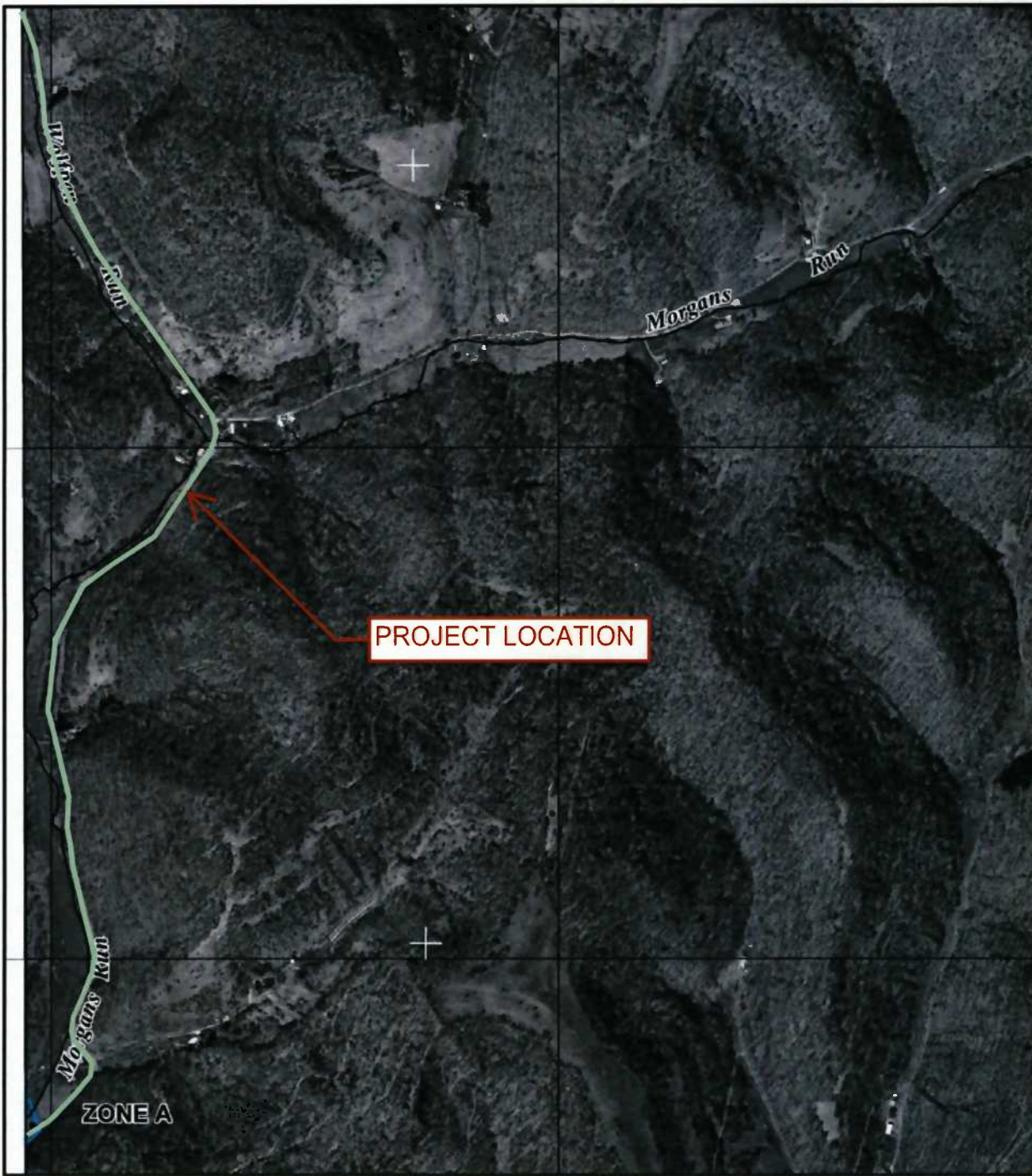


MAP NUMBER
54017C0140C
MAP REVISED
OCTOBER 4, 2011

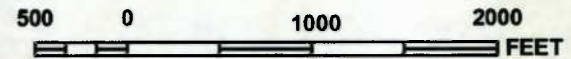
Federal Emergency Management Agency

JOINS PANEL 0145

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



MAP SCALE 1" = 1000'



NFP
 NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0145C

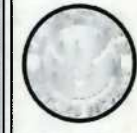
FIRM
FLOOD INSURANCE RATE MAP
DODDRIDGE COUNTY,
WEST VIRGINIA
AND INCORPORATED AREAS

PANEL 145 OF 325
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
DODDRIDGE COUNTY	540024	0145	C

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.



MAP NUMBER
 54017C0145C
MAP REVISED
 OCTOBER 4, 2011

Federal Emergency Management Agency

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526⁰⁰⁰mE

80° 41' 15"

39° 18' 44"

PROJECT LOCATION

Wolfen Run

Run

2950

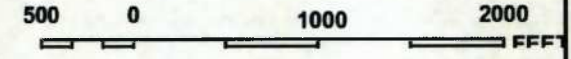
NTY
AREAS

Run

Englands



MAP SCALE 1" = 1000'



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0140C

FIRM
FLOOD INSURANCE RATE MAP
DODDRIDGE COUNTY,
WEST VIRGINIA
AND INCORPORATED AREAS

PANEL 140 OF 325
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
DODDRIDGE COUNTY	540024	0140	C

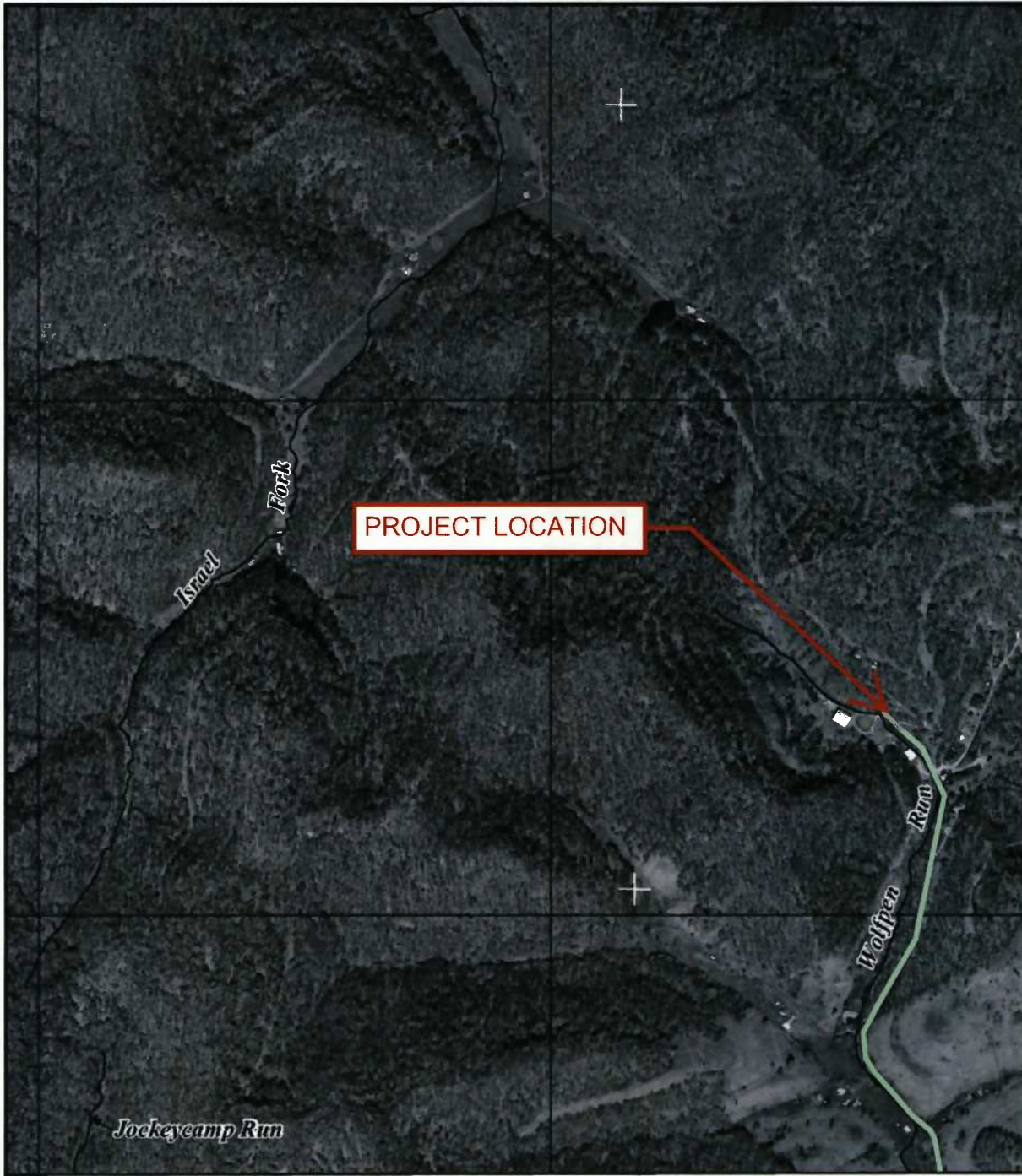
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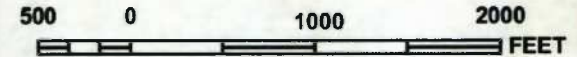
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MAP REVISED
OCTOBER 4, 2011

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



MAP SCALE 1" = 1000'



NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0130C

FIRM
FLOOD INSURANCE RATE MAP
DODDRIDGE COUNTY,
WEST VIRGINIA
AND INCORPORATED AREAS

PANEL 130 OF 325
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
DODDRIDGE COUNTY	540024	0130	C

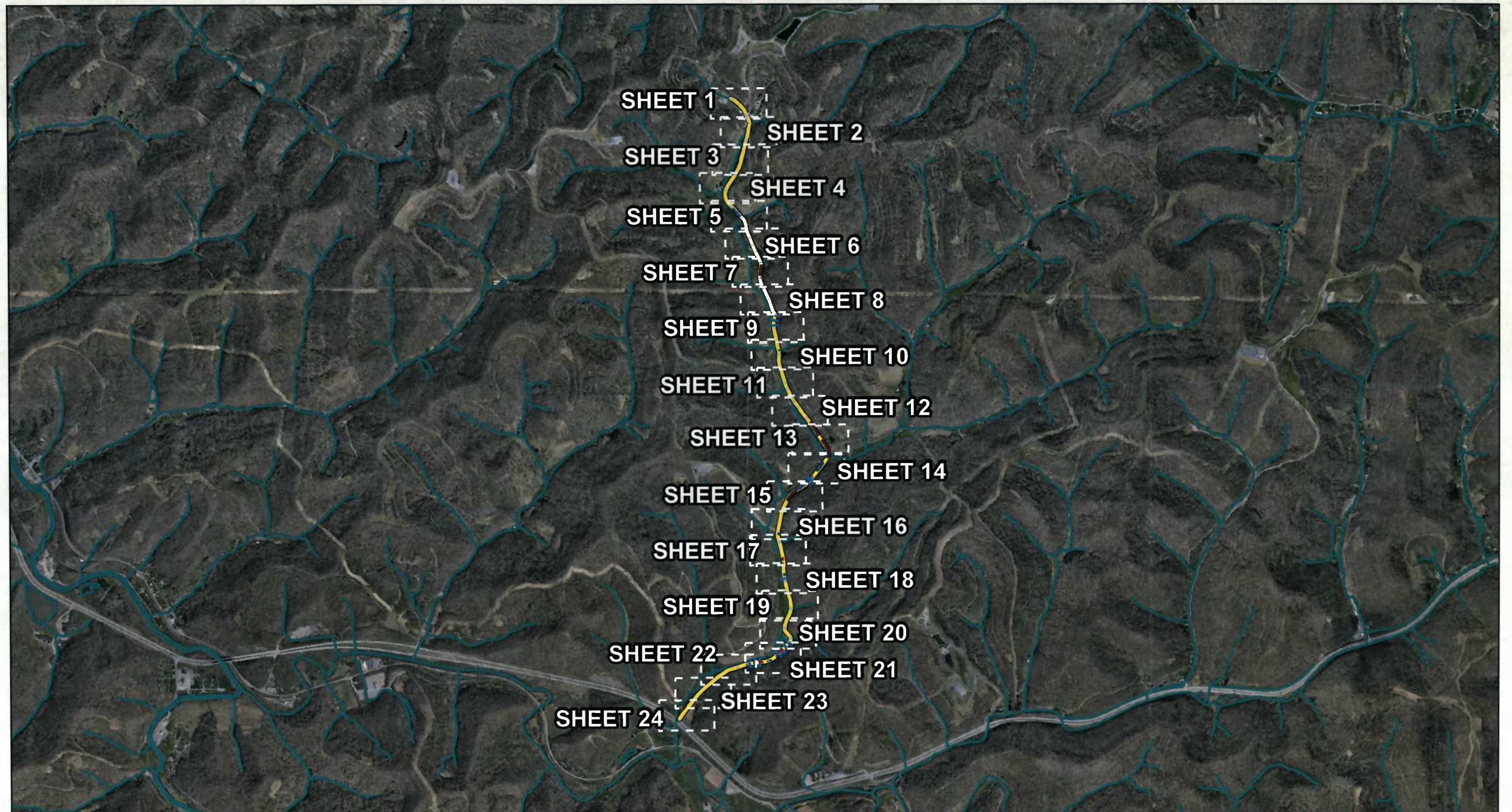
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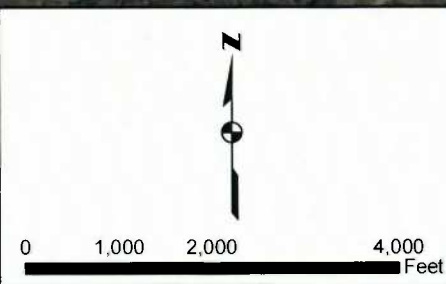
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MAP REVISED
OCTOBER 4, 2011

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov





gai consultants
 GAI CONSULTANTS
 300 SUMMERS ST., SUITE 1100
 CHARLESTON, WV 25301
 DRAWN BY: LCJ
 CHECKED: DFW



LEGEND			
EXISTING CULVERT	JURISDICTIONAL DITCH	SHEET FLOW	SHEET INDEX
EPHEMERAL STREAM	CRACKING	SLIP	
INTERMITTENT STREAM	EROSION	NWI WETLAND	
PERENNIAL STREAM	SAMB STREAM	AREA OF INTEREST	

REFERENCE: DODDRIDGE COUNTY, WV [2016] AERIAL IMAGERY PROVIDED BY WVGISTC, ACCESSED 05/2018.

 **ANTERO RESOURCES CORP**
FIGURE 2
 POTENTIALLY JURISDICTIONAL WATERS
 MORGANS RUN ROAD PROJECT
 DODDRIDGE COUNTY, WEST VIRGINIA
 DATE: 5/8/2018
 SHEET 1 OF 1



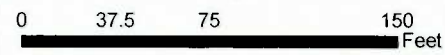
SHEET 2

STREAM 14



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 300 SUMMERS ST., SUITE 1100
 CHARLESTON, WV 25301

DRAWN BY: LCJ
 CHECKED: DFW
 APPROVED: JAC



LEGEND

- ↑ FEATURE CONTINUES
- CULVERT POINT
- EXISTING CULVERT
- ||| SHEET FLOW
- EPHEMERAL
- INTERMITTENT
- PERENNIAL
- SAMB STREAM
- JURISDICTIONAL DITCH
- EROSION
- CRACKING
- STREAM POLYGON
- ▨ SLIP
- ▨ NWI WETLAND
- ▨ 100-YEAR FLOODPLAIN
- ▭ AREA OF INTEREST
- ▭ SHEET INDEX

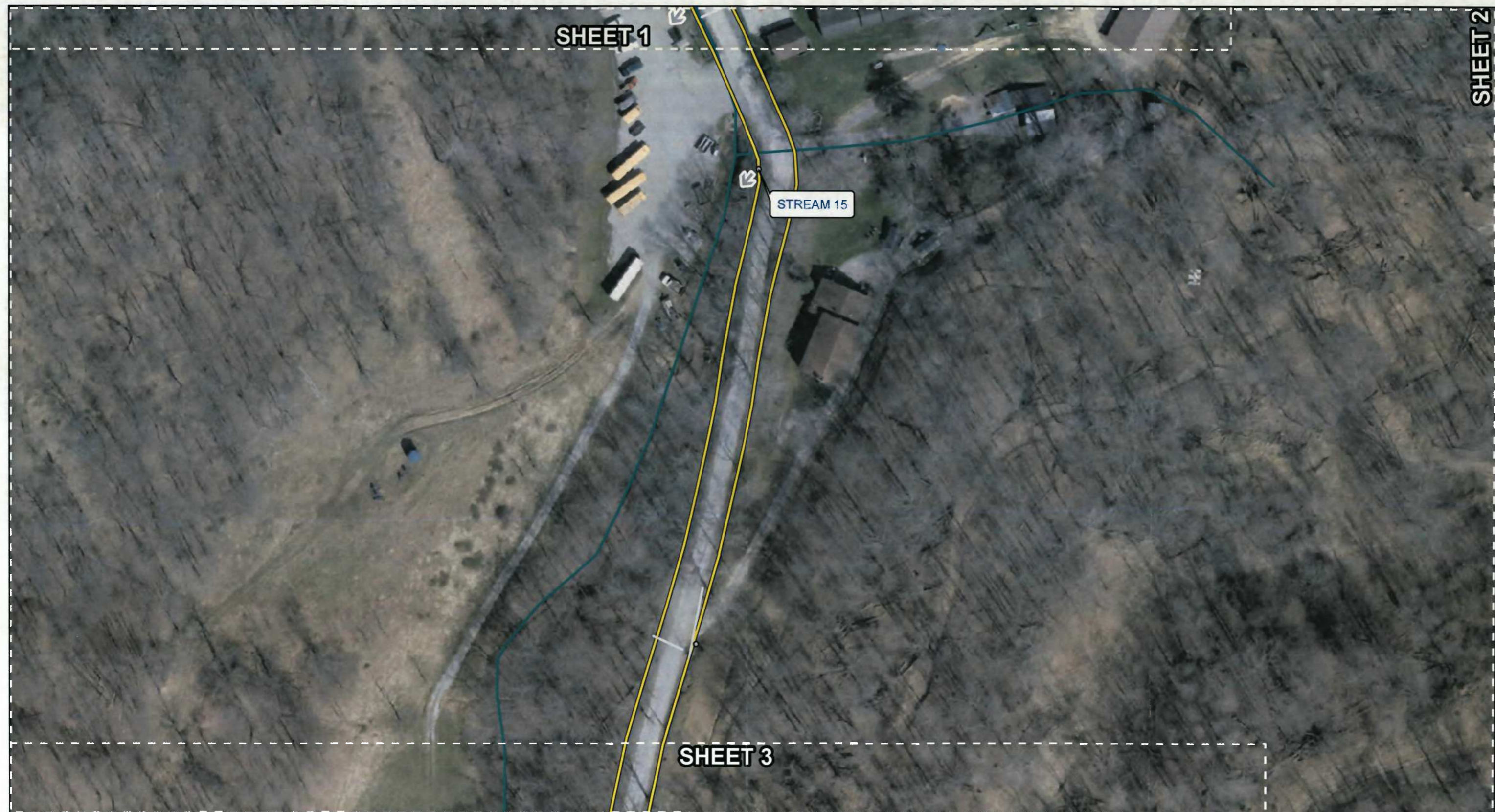
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Antero ANTERO RESOURCES CORP

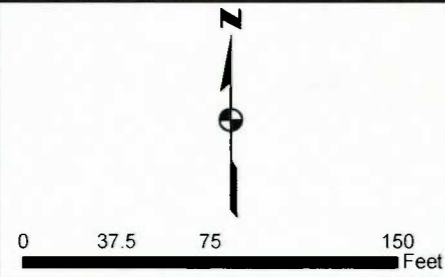
FIGURE 2
 POTENTIALLY JURISDICTIONAL WATERS
 MORGANS RUN ROAD PROJECT
 DODDRIDGE, WEST VIRGINIA

DATE: 5/8/2018

SHEET 1 OF 24





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 CHARLESTON, WV 25301
 DRAWN BY: LCJ
 CHECKED: DFW
 APPROVED: JAC



LEGEND			
↑ FEATURE CONTINUES	••• EPHEMERAL	— EROSION	▨ 100-YEAR FLOODPLAIN
● CULVERT POINT	••• INTERMITTENT	— CRACKING	▭ AREA OF INTEREST
— EXISTING CULVERT	— PERENNIAL	▭ STREAM POLYGON	▭ SHEET INDEX
▨ SHEET FLOW	— SAMB STREAM	▭ SLIP	
	— JURISDICTIONAL DITCH	▭ NWI WETLAND	

REFERENCE: DODDRIDGE COUNTY, WV [2016] AERIAL IMAGERY PROVIDED BY WVGISTC, ACCESSED 05/2018.

 **ANTERO RESOURCES CORP**
FIGURE 2
POTENTIALLY JURISDICTIONAL WATERS
MORGANS RUN ROAD PROJECT
DODDRIDGE, WEST VIRGINIA
 DATE: 5/8/2018
 SHEET 2 OF 24



SHEET 3

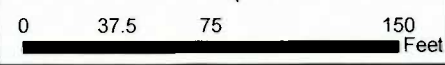
SHEET 2

SHEET 4



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CHARLESTON, WV 25301

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LEGEND

- ↑ FEATURE CONTINUES
- CULVERT POINT
- EXISTING CULVERT
- |||| SHEET FLOW
- EPHEMERAL
- INTERMITTENT
- PERENNIAL
- SAMB STREAM
- JURISDICTIONAL DITCH
- EROSION
- CRACKING
- STREAM POLYGON
- ▨ SLIP
- ▨ NWI WETLAND
- ▨ 100-YEAR FLOODPLAIN
- ▭ AREA OF INTEREST
- ▨ SHEET INDEX

REFERENCE: DODDRIDGE COUNTY, WV [2016] AERIAL IMAGERY PROVIDED BY WVGISTC, ACCESSED 05/2018.

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FIGURE 2
POTENTIALLY JURISDICTIONAL WATERS
MORGANS RUN ROAD PROJECT
DODDRIDGE, WEST VIRGINIA

DATE: 5/8/2018

SHEET 3 OF 24

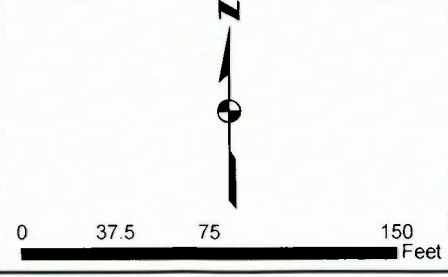


SHEET 4

SHEET 3


SHEET 5


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 CHARLESTON, WV 25301
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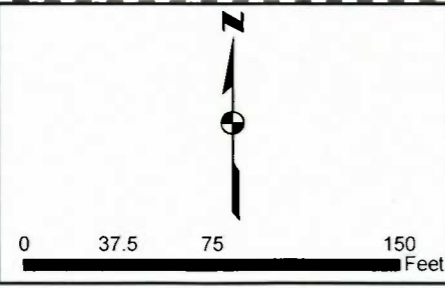
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● CULVERT POINT	— INTERMITTENT	— CRACKING	▨ AREA OF INTEREST
— EXISTING CULVERT	— PERENNIAL	▨ STREAM POLYGON	▨ SHEET INDEX
▨ SHEET FLOW	— SAMB STREAM	▨ SLIP	
	— JURISDICTIONAL DITCH	▨ NWI WETLAND	

REFERENCE: DODDRIDGE COUNTY, WV [2016] AERIAL IMAGERY PROVIDED BY WVGISTC, ACCESSED 05/2018.

 **ANTERO RESOURCES CORP**
 FIGURE 2
 POTENTIALLY JURISDICTIONAL WATERS
 MORGANS RUN ROAD PROJECT
 DODDRIDGE, WEST VIRGINIA
 DATE: 5/8/2018
 SHEET 4 OF 24





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LEGEND			
↑	FEATURE CONTINUES	—	EROSION
●	CULVERT POINT	—	CRACKING
—	EXISTING CULVERT	—	STREAM POLYGON
	SHEET FLOW	—	SLIP
—	EPHEMERAL	—	NWI WETLAND
—	INTERMITTENT	—	100-YEAR FLOODPLAIN
—	PERENNIAL	—	AREA OF INTEREST
—	SAMB STREAM	—	SHEET INDEX
—	JURISDICTIONAL DITCH	—	

REFERENCE: DODDRIDGE COUNTY, WV [2016] AERIAL IMAGERY PROVIDED BY WVGISTC, ACCESSED 05/2018.

 **ANTERO RESOURCES CORP**
FIGURE 2
POTENTIALLY JURISDICTIONAL WATERS
MORGANS RUN ROAD PROJECT
DODDRIDGE, WEST VIRGINIA
 DATE: 5/8/2018
 SHEET 5 OF 24

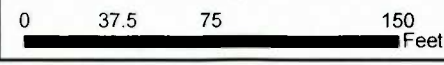
SHEET 5

SHEET 7



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 CHARLESTON, WV 25301

DRAWN BY: LCJ
 CHECKED: DFW
 APPROVED: JAC



LEGEND

- | | | | |
|---------------------|------------------------|------------------|-----------------------|
| ↑ FEATURE CONTINUES | • EPHEMERAL | — EROSION | ▨ 100-YEAR FLOODPLAIN |
| • CULVERT POINT | — INTERMITTENT | — CRACKING | ▭ AREA OF INTEREST |
| — EXISTING CULVERT | — PERENNIAL | ▭ STREAM POLYGON | ▭ SHEET INDEX |
| ▨ SHEET FLOW | — SAMB STREAM | ▭ SLIP | |
| | — JURISDICTIONAL DITCH | ▭ NWI WETLAND | |

REFERENCE: DODDRIDGE COUNTY, WV [2016] AERIAL IMAGERY PROVIDED BY WVGISTC, ACCESSED 05/2018.

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FIGURE 2
 POTENTIALLY JURISDICTIONAL WATERS
 MORGANS RUN ROAD PROJECT
 DODDRIDGE, WEST VIRGINIA

DATE: 5/8/2018

SHEET 6 OF 24

SHEET 6

SHEET 8

STREAM 17

STREAM 18

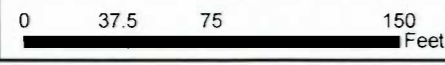
DITCH 1

STREAM 19



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 300 SUMMERS ST., SUITE 1100
 CHARLESTON, WV 25301

DRAWN BY: LCJ
 CHECKED: DFW
 APPROVED: JAC



LEGEND

- | | | | |
|---------------------|------------------------|------------------|-----------------------|
| ↑ FEATURE CONTINUES | --- EPHEMERAL | — EROSION | ▨ 100-YEAR FLOODPLAIN |
| ● CULVERT POINT | --- INTERMITTENT | — CRACKING | ▨ AREA OF INTEREST |
| — EXISTING CULVERT | — PERENNIAL | ▨ STREAM POLYGON | ▨ SHEET INDEX |
| ▨ SHEET FLOW | — SAMB STREAM | ▨ SLIP | ▨ NWI WETLAND |
| | — JURISDICTIONAL DITCH | | |

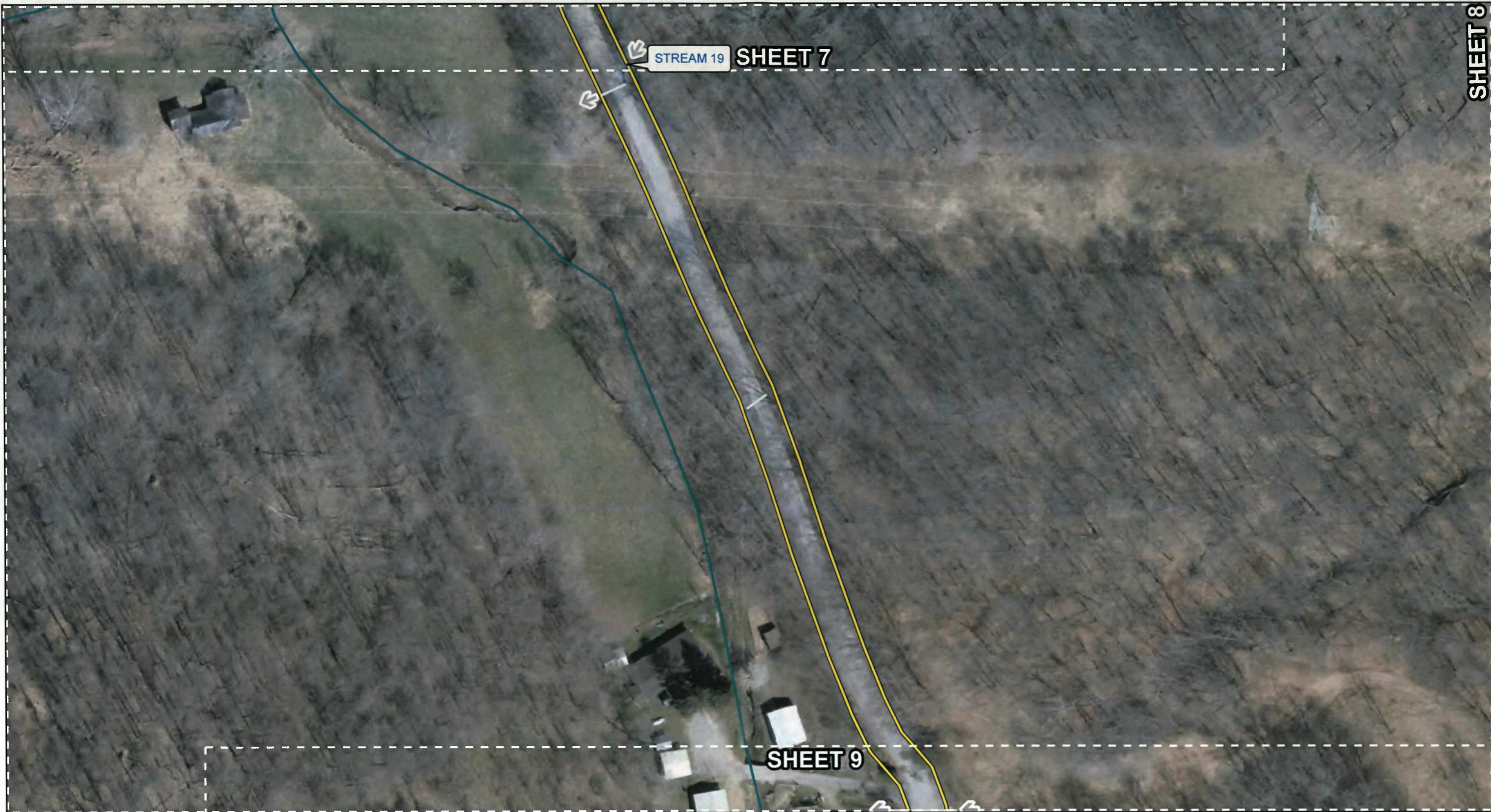
REFERENCE: DODDRIDGE COUNTY, WV [2016] AERIAL IMAGERY PROVIDED BY WVGISTC, ACCESSED 05/2018.

Antero ANTERO RESOURCES CORP

FIGURE 2
 POTENTIALLY JURISDICTIONAL WATERS
 MORGANS RUN ROAD PROJECT
 DODDRIDGE, WEST VIRGINIA

DATE: 5/8/2018

SHEET 7 OF 24



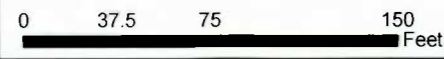
STREAM 19 SHEET 7

SHEET 9



GAI CONSULTANTS
 300 SUMMERS ST., SUITE 1100
 CHARLESTON, WV 25301

DRAWN BY: LCJ
 CHECKED: DFW
 APPROVED: JAC



LEGEND

- ↑ FEATURE CONTINUES
- CULVERT POINT
- EXISTING CULVERT
- |||| SHEET FLOW
- EPHEMERAL
- INTERMITTENT
- PERENNIAL
- SAMB STREAM
- JURISDICTIONAL DITCH
- EROSION
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- STREAM POLYGON
- SLIP
- NWI WETLAND
- 100-YEAR FLOODPLAIN
- AREA OF INTEREST
- SHEET INDEX

REFERENCE: DODDRIDGE COUNTY, WV [2016] AERIAL IMAGERY PROVIDED BY WVGISTC, ACCESSED 05/2018.

ANTERO RESOURCES CORP

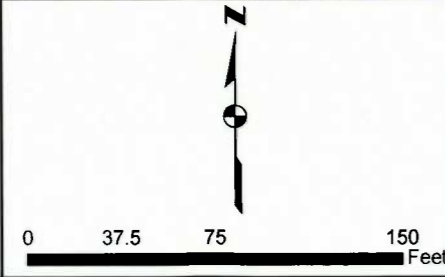
FIGURE 2
 POTENTIALLY JURISDICTIONAL WATERS
 MORGANS RUN ROAD PROJECT
 DODDRIDGE, WEST VIRGINIA

DATE: 5/8/2018

SHEET 8 OF 24





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 300 SUMMERS ST., SUITE 1100
 CHARLESTON, WV 25301
 DRAWN BY: LCJ
 CHECKED: DFW
 APPROVED: JAC



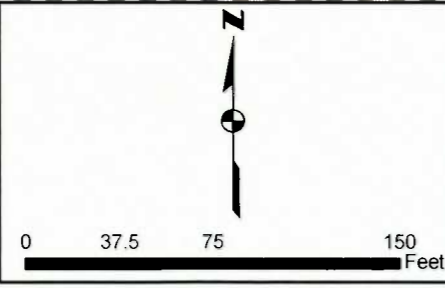
LEGEND			
↑	FEATURE CONTINUES	—	EROSION
●	CULVERT POINT	—	CRACKING
—	EXISTING CULVERT	—	STREAM POLYGON
	SHEET FLOW	—	SLIP
—	EPHEMERAL	—	NWI WETLAND
—	INTERMITTENT	—	100-YEAR FLOODPLAIN
—	PERENNIAL	—	AREA OF INTEREST
—	SAMB STREAM	—	SHEET INDEX
—	JURISDICTIONAL DITCH	—	

REFERENCE: DODDRIDGE COUNTY, WV [2016] AERIAL IMAGERY PROVIDED BY WVGISTC, ACCESSED 05/2018.

 **ANTERO RESOURCES CORP**
FIGURE 2
POTENTIALLY JURISDICTIONAL WATERS
MORGANS RUN ROAD PROJECT
DODDRIDGE, WEST VIRGINIA
 DATE: 5/8/2018
 SHEET 9 OF 24





GAI CONSULTANTS
 300 SUMMERS ST., SUITE 1100
 CHARLESTON, WV 25301
 DRAWN BY: LCJ
 CHECKED: DFW
 APPROVED: JAC



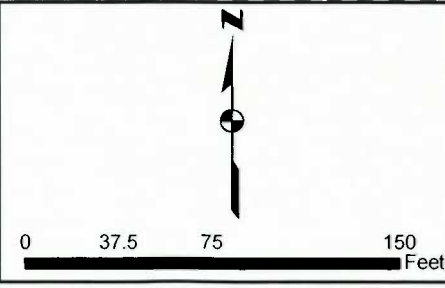
LEGEND			
↑	FEATURE CONTINUES	—	EROSION
●	CULVERT POINT	—	CRACKING
—	EXISTING CULVERT	—	SLIP
	SHEET FLOW	—	JURISDICTIONAL DITCH
—	EPHEMERAL	—	100-YEAR FLOODPLAIN
—	INTERMITTENT	—	AREA OF INTEREST
—	PERENNIAL	—	SHEET INDEX
—	SAMB STREAM	—	NWI WETLAND

REFERENCE: DODDRIDGE COUNTY, WV [2016] AERIAL IMAGERY PROVIDED BY WVGISTC, ACCESSED 05/2018.

 **ANTERO RESOURCES CORP**
FIGURE 2
 POTENTIALLY JURISDICTIONAL WATERS
 MORGANS RUN ROAD PROJECT
 DODDRIDGE, WEST VIRGINIA
 DATE: 5/8/2018
 SHEET 10 OF 24



gai consultants
 GAI CONSULTANTS
 300 SUMMERS ST., SUITE 1100
 CHARLESTON, WV 25301
 DRAWN BY: LCJ
 CHECKED: DFW
 APPROVED: JAC



LEGEND			
↑ FEATURE CONTINUES	● EPHEMERAL	— EROSION	▨ 100-YEAR FLOODPLAIN
● CULVERT POINT	— INTERMITTENT	— CRACKING	▨ AREA OF INTEREST
— EXISTING CULVERT	— PERENNIAL	▨ STREAM POLYGON	▨ SHEET INDEX
▨ SHEET FLOW	— SAMB STREAM	▨ SLIP	
	— JURISDICTIONAL DITCH	▨ NWI WETLAND	

REFERENCE: DODDRIDGE COUNTY, WV [2016] AERIAL IMAGERY PROVIDED BY WVGISTC, ACCESSED 05/2018.

Antero ANTERO RESOURCES CORP

FIGURE 2
 POTENTIALLY JURISDICTIONAL WATERS
 MORGANS RUN ROAD PROJECT
 DODDRIDGE, WEST VIRGINIA

DATE: 5/8/2018 SHEET 11 OF 24

STREAM 23

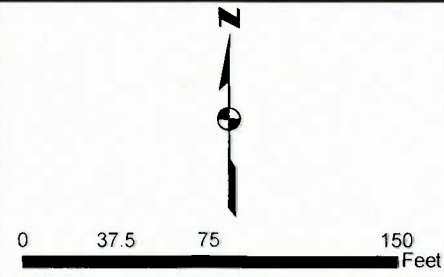
STREAM 24

STREAM 25

DITCH 2



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 CHARLESTON, WV 25301
 DRAWN BY: LCJ
 CHECKED: DFW
 APPROVED: JAC



LEGEND

↑ FEATURE CONTINUES	● EPHEMERAL	— EROSION	▨ 100-YEAR FLOODPLAIN
○ CULVERT POINT	● INTERMITTENT	— CRACKING	▨ AREA OF INTEREST
— EXISTING CULVERT	— PERENNIAL	▨ STREAM POLYGON	▨ SHEET INDEX
▨ SHEET FLOW	— SAMB STREAM	▨ SLIP	
	— JURISDICTIONAL DITCH	▨ NWI WETLAND	

REFERENCE: DODDRIDGE COUNTY, WV [2016] AERIAL IMAGERY PROVIDED BY WVGISTC, ACCESSED 05/2018.

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FIGURE 2
POTENTIALLY JURISDICTIONAL WATERS
MORGANS RUN ROAD PROJECT
DODDRIDGE, WEST VIRGINIA

DATE: 5/8/2018 SHEET 12 OF 24

DITCH 2

STREAM 25

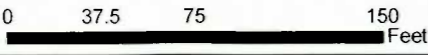
STREAM 27

DITCH 3



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APPROVED: JAC



LEGEND

- ↑ FEATURE CONTINUES
- CULVERT POINT
- EXISTING CULVERT
- ||| SHEET FLOW
- EPHEMERAL
- INTERMITTENT
- PERENNIAL
- SAMB STREAM
- JURISDICTIONAL DITCH
- EROSION
- CRACKING
- STREAM POLYGON
- ▨ SLIP
- ▨ 100-YEAR FLOODPLAIN
- ▨ AREA OF INTEREST
- ▨ SHEET INDEX
- ▨ NWI WETLAND

REFERENCE: DODDRIDGE COUNTY, WV [2016] AERIAL IMAGERY PROVIDED BY WVGISTC, ACCESSED 05/2018.

Antero ANTERO RESOURCES CORP

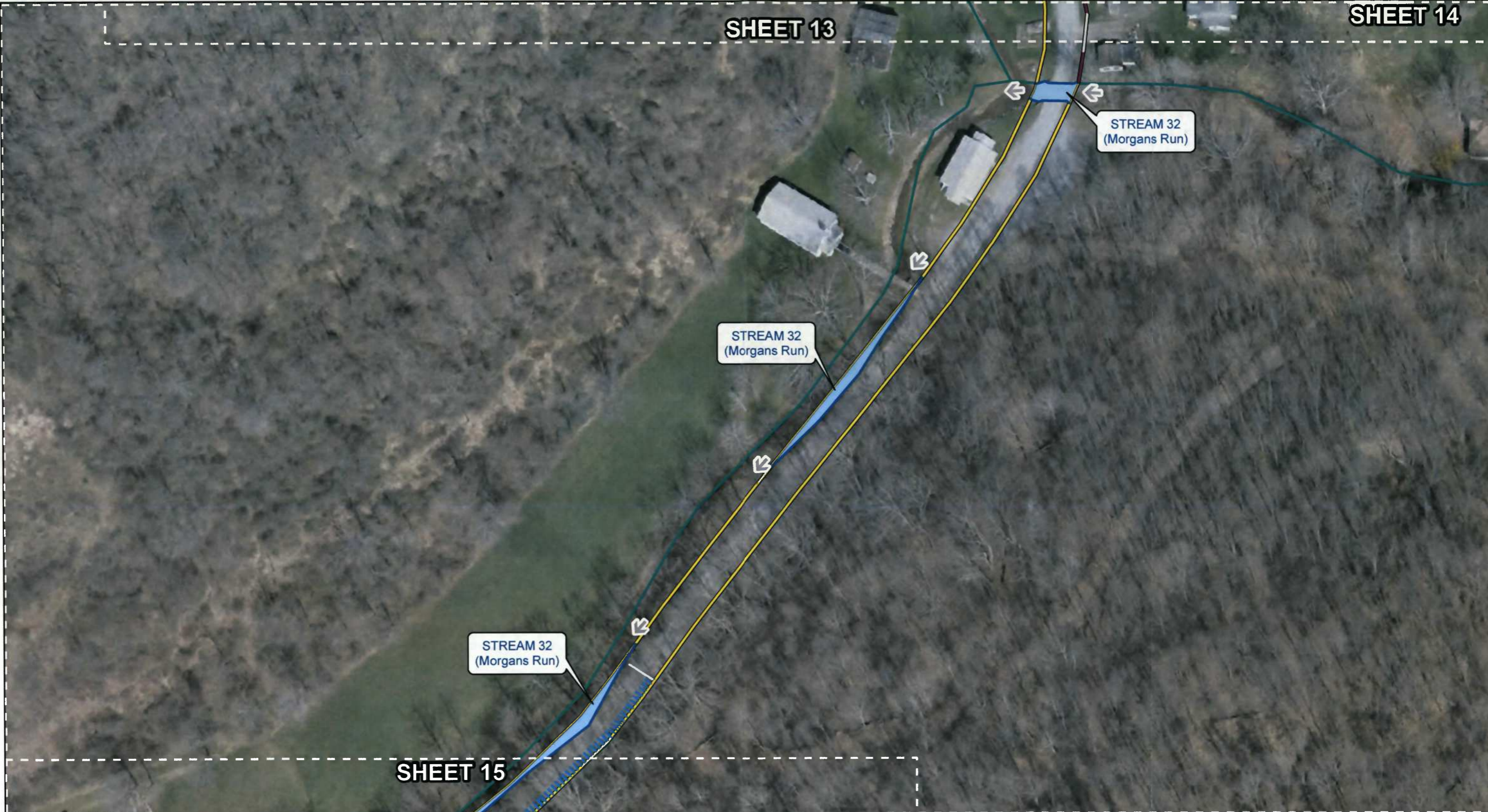
FIGURE 2
POTENTIALLY JURISDICTIONAL WATERS
MORGANS RUN ROAD PROJECT
DODDRIDGE, WEST VIRGINIA

DATE: 5/8/2018

SHEET 13 OF 24

SHEET 13

SHEET 14



STREAM 32 (Morgans Run)

STREAM 32 (Morgans Run)

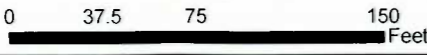
STREAM 32 (Morgans Run)

SHEET 15



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DRAWN BY: LCJ
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LEGEND

- ↑ FEATURE CONTINUES
- CULVERT POINT
- EXISTING CULVERT
- |||| SHEET FLOW
- EPHEMERAL
- INTERMITTENT
- PERENNIAL
- SAMB STREAM
- JURISDICTIONAL DITCH
- EROSION
- CRACKING
- STREAM POLYGON
- SLIP
- NWI WETLAND
- ▨ 100-YEAR FLOODPLAIN
- ▭ AREA OF INTEREST
- ▭ SHEET INDEX

REFERENCE: DODDRIDGE COUNTY, WV [2016] AERIAL IMAGERY PROVIDED BY WVGISTC, ACCESSED 05/2018.

ANTERO RESOURCES CORP

FIGURE 2
 POTENTIALLY JURISDICTIONAL WATERS
 MORGANS RUN ROAD PROJECT
 DODDRIDGE, WEST VIRGINIA

DATE: 5/8/2018

SHEET 14 OF 24

STREAM 32 (Morgans Run)

STREAM 28

DITCH 4

STREAM 29

STREAM 30



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CHARLESTON, WV 25301

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0 37.5 75 150 Feet

LEGEND

- ↑ FEATURE CONTINUES
- CULVERT POINT
- EXISTING CULVERT
- ||| SHEET FLOW
- EPHEMERAL
- INTERMITTENT
- PERENNIAL
- SAMB STREAM
- JURISDICTIONAL DITCH
- EROSION
- CRACKING
- STREAM POLYGON
- SLIP
- NWI WETLAND
- ▨ 100-YEAR FLOODPLAIN
- ▭ AREA OF INTEREST
- ▭ SHEET INDEX

REFERENCE: DODDRIDGE COUNTY, WV [2016] AERIAL IMAGERY PROVIDED BY WVGISTC, ACCESSED 05/2018.

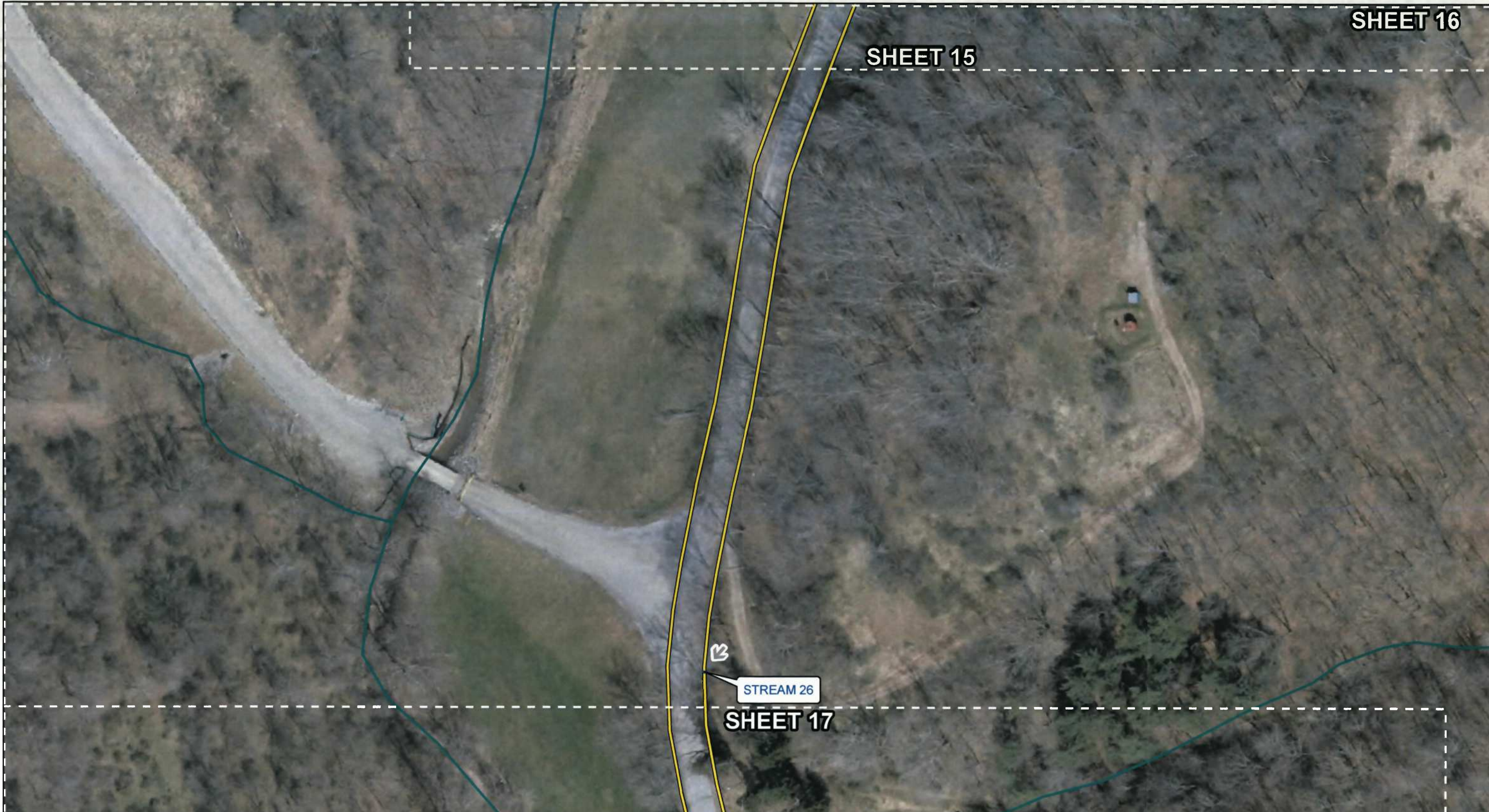
Antero ANTERO RESOURCES CORP

FIGURE 2
POTENTIALLY JURISDICTIONAL WATERS
MORGANS RUN ROAD PROJECT
DODDRIDGE, WEST VIRGINIA

DATE: 5/8/2018

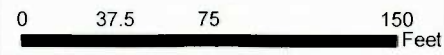
SHEET 15 OF 24

STREAM 26



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DRAWN BY: LCJ
 CHECKED: DFW
 APPROVED: JAC



LEGEND

- ↑ FEATURE CONTINUES
- CULVERT POINT
- EXISTING CULVERT
- ||| SHEET FLOW
- EPHEMERAL
- INTERMITTENT
- PERENNIAL
- SAMB STREAM
- JURISDICTIONAL DITCH
- EROSION
- CRACKING
- STREAM POLYGON
- ▨ SLIP
- ▨ NWI WETLAND
- ▨ 100-YEAR FLOODPLAIN
- ▨ AREA OF INTEREST
- ▨ SHEET INDEX

REFERENCE: DODDRIDGE COUNTY, WV [2016] AERIAL IMAGERY PROVIDED BY WVGISTC, ACCESSED 05/2018.

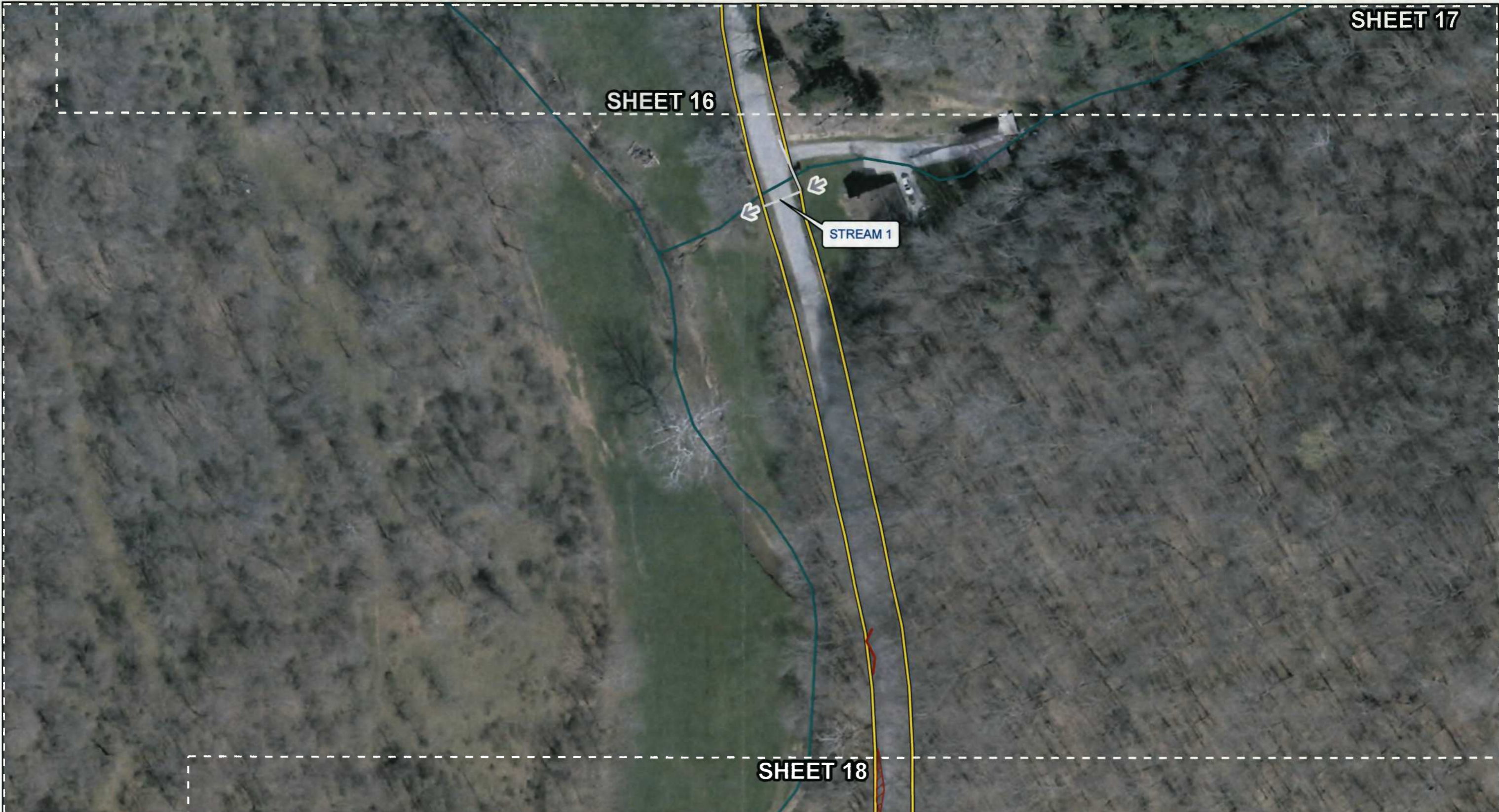
Antero ANTERO RESOURCES CORP

FIGURE 2
 POTENTIALLY JURISDICTIONAL WATERS
 MORGANS RUN ROAD PROJECT
 DODDRIDGE, WEST VIRGINIA

DATE: 5/8/2018

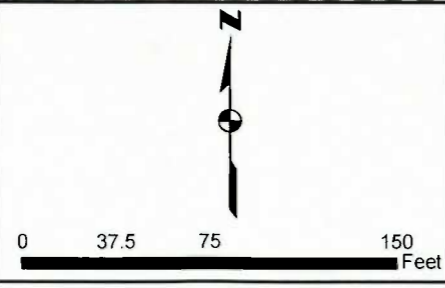
SHEET 16 OF 24

STREAM 1



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LEGEND			
↑	FEATURE CONTINUES	—	EROSION
●	CULVERT POINT	—	CRACKING
—	EXISTING CULVERT	—	STREAM POLYGON
	SHEET FLOW	—	SLIP
—	EPHEMERAL	—	NWI WETLAND
—	INTERMITTENT	—	100-YEAR FLOODPLAIN
—	PERENNIAL	—	AREA OF INTEREST
—	SAMB STREAM	—	SHEET INDEX
—	JURISDICTIONAL DITCH	—	

REFERENCE: DODDRIDGE COUNTY, WV [2016] AERIAL IMAGERY PROVIDED BY WVGISTC, ACCESSED 05/2018.

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FIGURE 2
POTENTIALLY JURISDICTIONAL WATERS
MORGANS RUN ROAD PROJECT
DODDRIDGE, WEST VIRGINIA

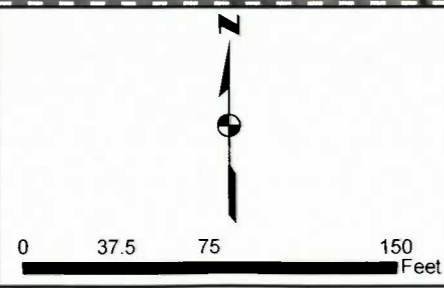
DATE: 5/8/2018

SHEET 17 OF 24



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CHARLESTON, WV 25301

DRAWN BY: LCJ
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APPROVED: JAC



LEGEND			
↑ FEATURE CONTINUES	--- EPHEMERAL	— EROSION	▨ 100-YEAR FLOODPLAIN
● CULVERT POINT	... INTERMITTENT	— CRACKING	▨ AREA OF INTEREST
— EXISTING CULVERT	— PERENNIAL	▨ STREAM POLYGON	▨ SHEET INDEX
▨ SHEET FLOW	— SAMB STREAM	▨ SLIP	
	— JURISDICTIONAL DITCH	▨ NWI WETLAND	

REFERENCE: DODDRIDGE COUNTY, WV [2016] AERIAL IMAGERY PROVIDED BY WVGISTC, ACCESSED 05/2018.

Antero ANTERO RESOURCES CORP

FIGURE 2
POTENTIALLY JURISDICTIONAL WATERS
MORGANS RUN ROAD PROJECT
DODDRIDGE, WEST VIRGINIA

DATE: 5/8/2018

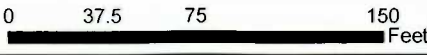
SHEET 18 OF 24

STREAM 4



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 CHARLESTON, WV 25301

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 CHECKED: DFW
 APPROVED: JAC



LEGEND

- | | | | |
|---------------------|------------------------|------------------|-----------------------|
| ↑ FEATURE CONTINUES | ••• EPHEMERAL | — EROSION | ▨ 100-YEAR FLOODPLAIN |
| ● CULVERT POINT | ••• INTERMITTENT | — CRACKING | ▭ AREA OF INTEREST |
| — EXISTING CULVERT | — PERENNIAL | ▭ STREAM POLYGON | ☐ SHEET INDEX |
| ▨ SHEET FLOW | — SAMB STREAM | ▭ SLIP | ▭ NWI WETLAND |
| | — JURISDICTIONAL DITCH | | |

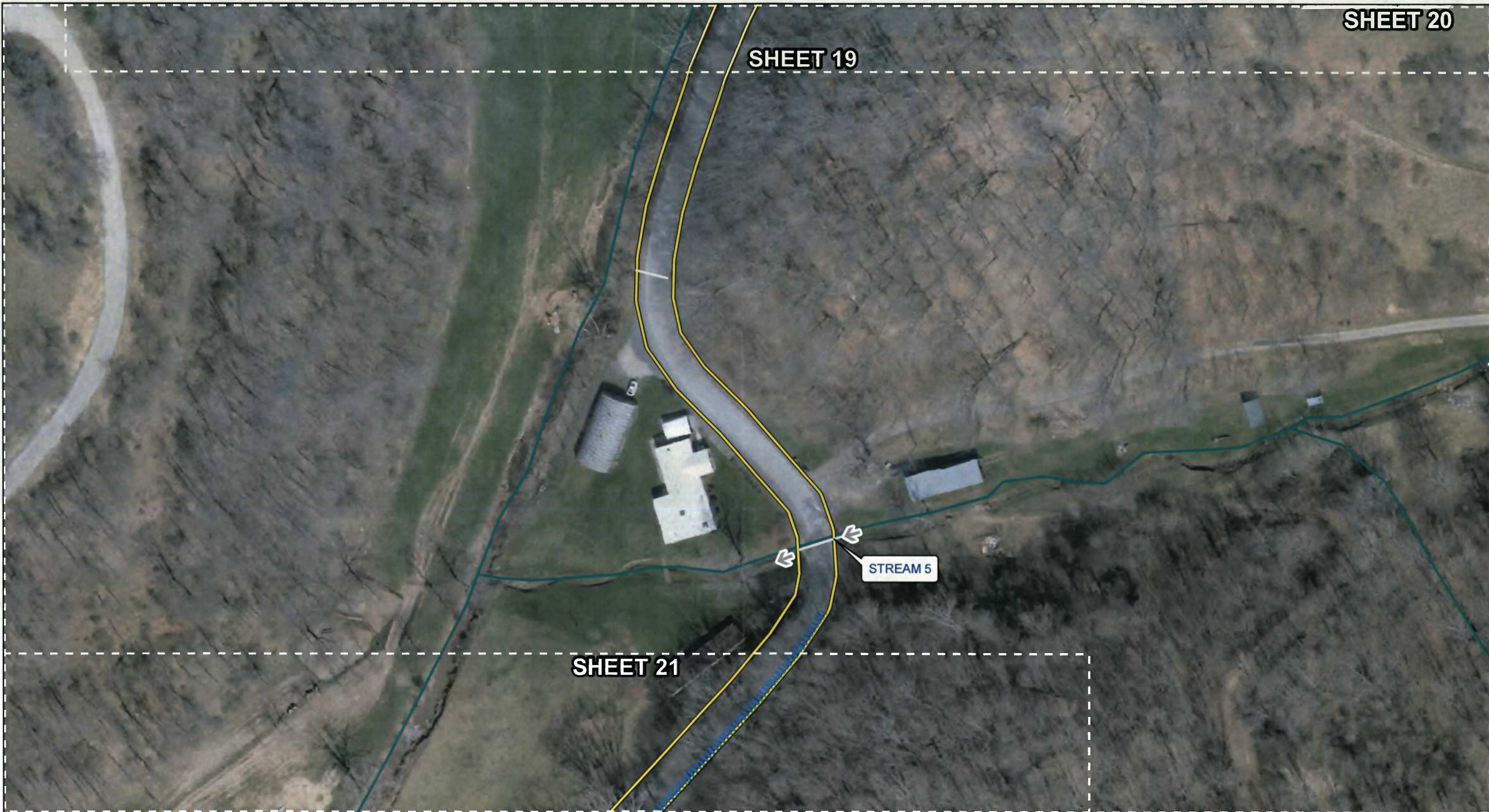
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FIGURE 2
 POTENTIALLY JURISDICTIONAL WATERS
 MORGANS RUN ROAD PROJECT
 DODDRIDGE, WEST VIRGINIA

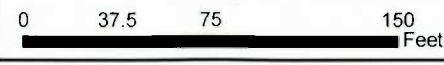
DATE: 5/8/2018

SHEET 19 OF 24



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 CHARLESTON, WV 25301

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LEGEND

- ↑ FEATURE CONTINUES
- CULVERT POINT
- EXISTING CULVERT
- ||| SHEET FLOW
- - - EPHEMERAL
- · - · - INTERMITTENT
- PERENNIAL
- SAMB STREAM
- JURISDICTIONAL DITCH
- EROSION
- CRACKING
- STREAM POLYGON
- ▭ SLIP
- ▭ NWI WETLAND
- ▨ 100-YEAR FLOODPLAIN
- ▭ AREA OF INTEREST
- ▭ SHEET INDEX

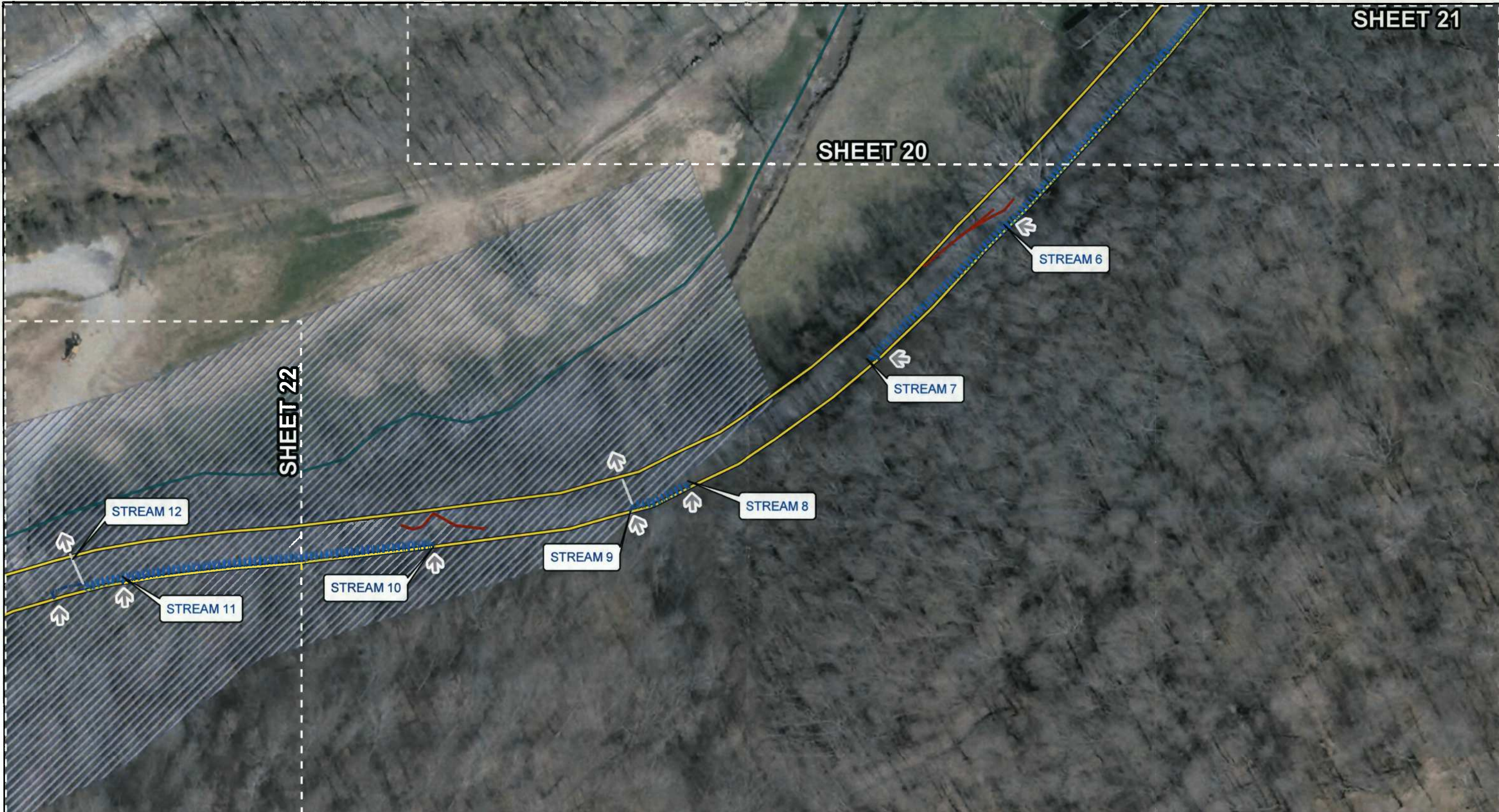
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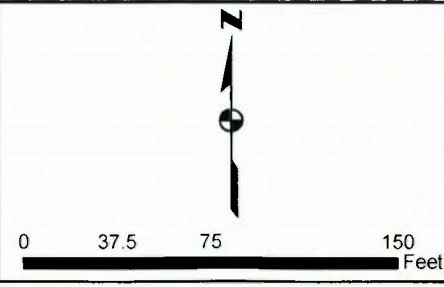
FIGURE 2
 POTENTIALLY JURISDICTIONAL WATERS
 MORGANS RUN ROAD PROJECT
 DODDRIDGE, WEST VIRGINIA

DATE: 5/8/2018

SHEET 20 OF 24



gai consultants
 GAI CONSULTANTS
 300 SUMMERS ST., SUITE 1100
 CHARLESTON, WV 25301
 DRAWN BY: LCJ
 CHECKED: DFW
 APPROVED: JAC



LEGEND			
↑	FEATURE CONTINUES	—	EROSION
●	CULVERT POINT	—	CRACKING
—	EXISTING CULVERT	—	SLIP
	SHEET FLOW	—	JURISDICTIONAL DITCH
—	EPHEMERAL	—	100-YEAR FLOODPLAIN
—	INTERMITTENT	—	AREA OF INTEREST
—	PERENNIAL	—	SHEET INDEX
—	SAMB STREAM	—	
—		—	NWI WETLAND

REFERENCE: DODDRIDGE COUNTY, WV [2016] AERIAL IMAGERY PROVIDED BY WVGISTC, ACCESSED 05/2018.

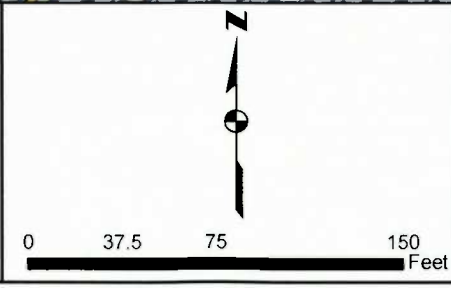
Antero ANTERO RESOURCES CORP

FIGURE 2
 POTENTIALLY JURISDICTIONAL WATERS
 MORGANS RUN ROAD PROJECT
 DODDRIDGE, WEST VIRGINIA

DATE: 5/8/2018 SHEET 21 OF 24





GAI CONSULTANTS
 300 SUMMERS ST., SUITE 1100
 CHARLESTON, WV 25301
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LEGEND			
↑	FEATURE CONTINUES	—	EROSION
●	CULVERT POINT	—	CRACKING
—	EXISTING CULVERT	—	STREAM POLYGON
	SHEET FLOW	—	SLIP
—	EPHEMERAL	—	100-YEAR FLOODPLAIN
—	INTERMITTENT	—	AREA OF INTEREST
—	PERENNIAL	—	SHEET INDEX
—	SAMB STREAM	—	NWI WETLAND
—	JURISDICTIONAL DITCH	—	

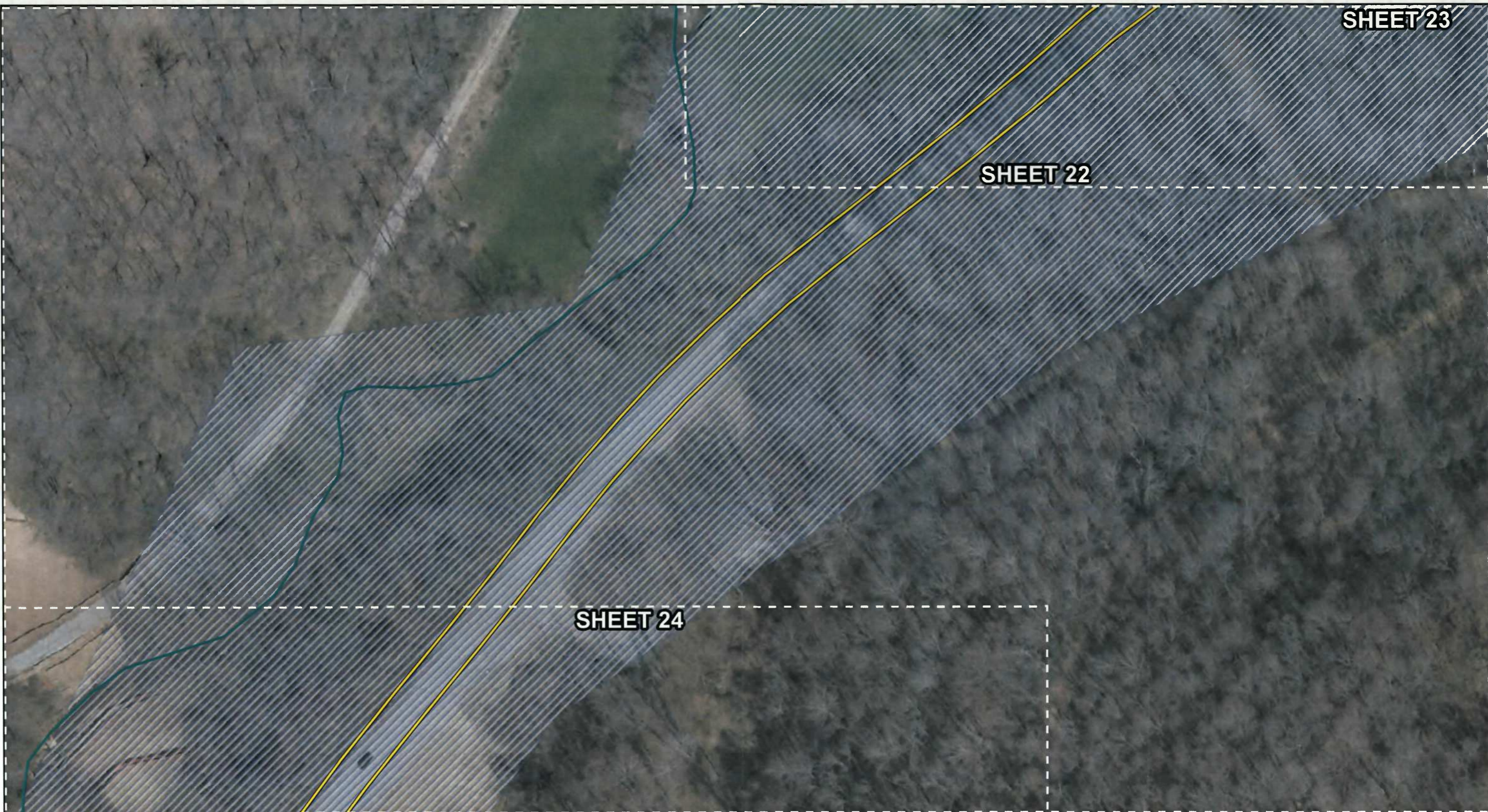
REFERENCE: DODDRIDGE COUNTY, WV [2016] AERIAL IMAGERY PROVIDED BY WVGISTC, ACCESSED 05/2018.

 **ANTERO RESOURCES CORP**
FIGURE 2
POTENTIALLY JURISDICTIONAL WATERS
MORGANS RUN ROAD PROJECT
DODDRIDGE, WEST VIRGINIA
 DATE: 5/8/2018
 SHEET 22 OF 24

SHEET 23

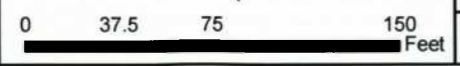
SHEET 22

SHEET 24



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 CHARLESTON, WV 25301

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 CHECKED: DFW
 APPROVED: JAC



LEGEND

- | | | | |
|---------------------|------------------------|------------------|-----------------------|
| ↑ FEATURE CONTINUES | ••• EPHEMERAL | — EROSION | ▨ 100-YEAR FLOODPLAIN |
| • CULVERT POINT | ••• INTERMITTENT | — CRACKING | ▭ AREA OF INTEREST |
| — EXISTING CULVERT | — PERENNIAL | ▭ STREAM POLYGON | ▭ SHEET INDEX |
| ▨ SHEET FLOW | — SAMB STREAM | ▭ SLIP | ▭ NWI WETLAND |
| | — JURISDICTIONAL DITCH | | |

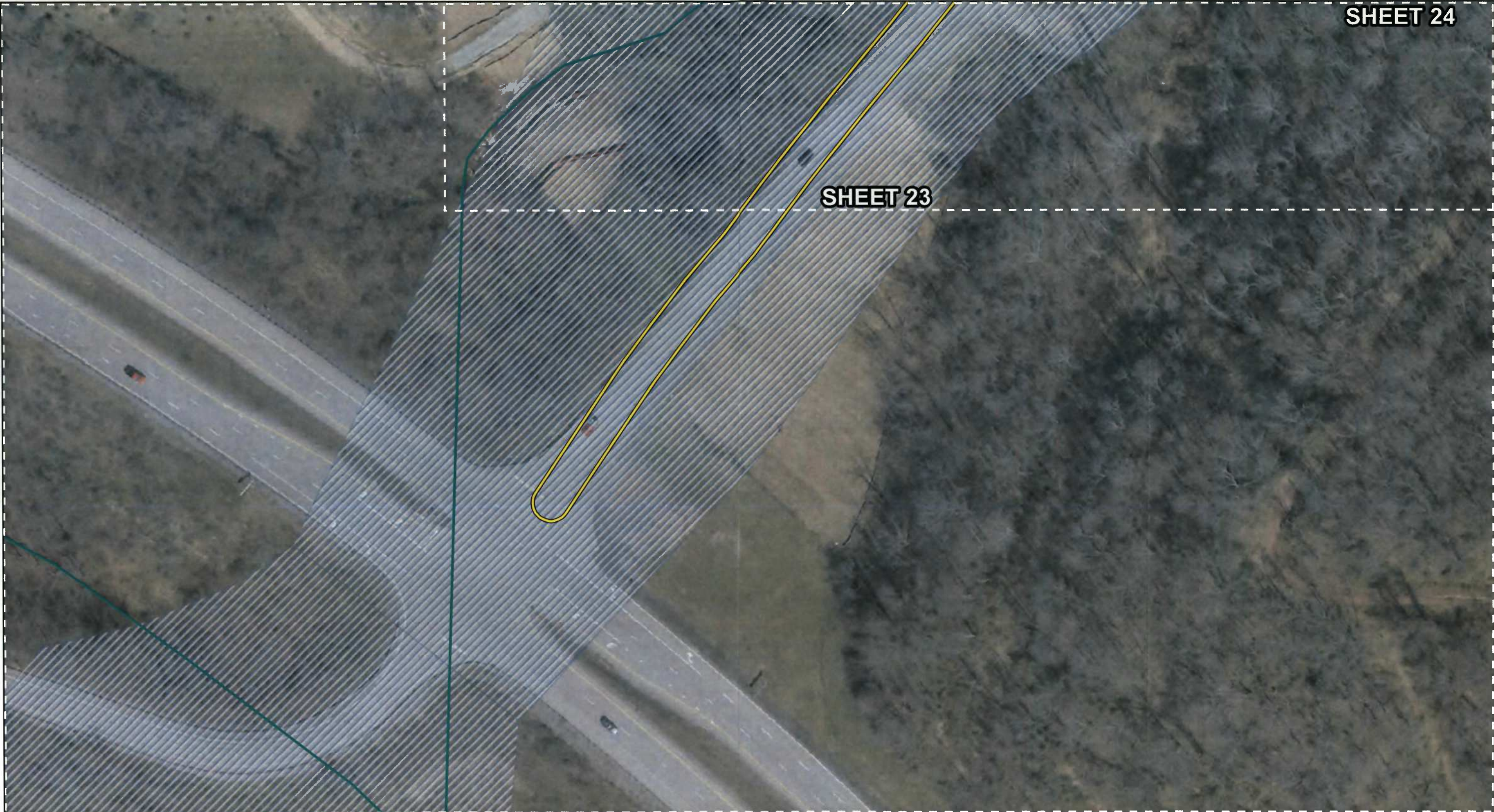
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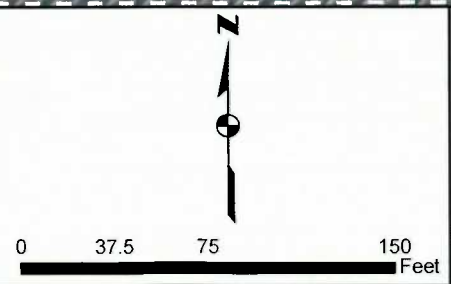
FIGURE 2
 POTENTIALLY JURISDICTIONAL WATERS
 MORGANS RUN ROAD PROJECT
 DODDRIDGE, WEST VIRGINIA

DATE: 5/8/2018

SHEET 23 OF 24





GAI CONSULTANTS
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 CHARLESTON, WV 25301
 DRAWN BY: LCJ
 CHECKED: DFW
 APPROVED: JAC



LEGEND			
FEATURE CONTINUES	EPHEMERAL	EROSION	100-YEAR FLOODPLAIN
CULVERT POINT	INTERMITTENT	CRACKING	AREA OF INTEREST
EXISTING CULVERT	PERENNIAL	STREAM POLYGON	SHEET INDEX
SHEET FLOW	SAMB STREAM	SLIP	NW1 WETLAND
JURISDICTIONAL DITCH			

REFERENCE: DODDRIDGE COUNTY, WV [2016] AERIAL IMAGERY PROVIDED BY WVGISTC, ACCESSED 05/2018.

 **ANTERO RESOURCES CORP**
 FIGURE 2
 POTENTIALLY JURISDICTIONAL WATERS
 MORGANS RUN ROAD PROJECT
 DODDRIDGE, WEST VIRGINIA
 DATE: 5/8/2018
 SHEET 24 OF 24

The Doddridge Independent

The Doddridge Independent PUBLISHER'S CERTIFICATE

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


Please take notice that on the 16th of July, 2018, Antero Resources filed an application for a Floodplain Permit (#18-524) to develop land located at or about Morgan's Run Road; Coordinates: 39.286096N, -80.690681W. 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 298 Freedom of Information, Article 1 Public Records and county policy and procedures. Any interested persons who desire to comment shall present

was published in The Doddridge Independent
2 times commencing on Friday, July 20, 2018 and
Ending on Friday, August 3, 2018 at the request of:

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

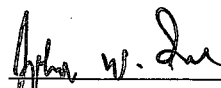
Given under my hand this Friday, August 3, 2018

The publisher's fee for said publication is:
\$ 31.30 1st Run / \$ 23.47 Subsequent Runs
This Legal Ad Total: \$ 54.77



Michael D. Zorn
Publisher of The Doddridge Independent

Subscribed to and sworn to before me on
this date: 8 / 3 / 18



Notary Public in and for Doddridge County
My Commission expires on
The 23 day of Aug 20 22

Floodplain Public Notice - Legal Notice
Please take notice that on the 16th of July, 2018, Antero Resources filed an application for a Floodplain Permit (#18-524) to develop land located at or about Morgan's Run Road; Coordinates: 39.286096N, -80.690681W. 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 298 Freedom of Information, Article 1 Public Records and county policy and procedures. Any interested persons who desire to comment shall present the same in writing by August 27, 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 cleaning of ditches along Morgan's Run Road
C2-07/20-08/03

