



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: #20-564

Date Approved: March 9, 2020 Expires: March 9, 2021

Issued to: Antero Midstream

POC: Daniel Buliam

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

Project Address: Riggins Run Road

Firm: 54017C0040C

Lat/Long: 39.395844N, -80.690708W

Purpose of Development: Access Road & Slip Repairs

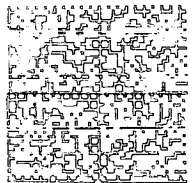
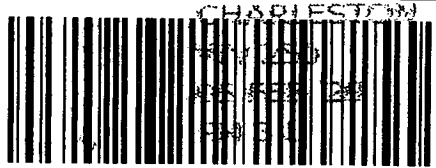
Issued by: George C. Eidel, CFM, OEM Director/Doddridge County FPM (or designee)

Date: March 9, 2020

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

CERTIFIED MAIL[®]

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



HASLER

\$006.70⁰⁰

02/05/2020 ZFD 26456
012E14643162

7018 3090 0001 0402 5505

US POSTAGE

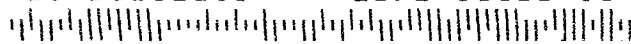
**Jason Lee Travis
P.O. Box 875
Oaks, PA 19456**

NIXIE 176 DE 1 0002/11/20

RETURN TO SENDER
REFUSED
UNABLE TO FORWARD

REF BC: 26456201205 *1871-06622-06-42

10450-0000002012



PLACE STICKER AT TOP OF ENVELOPE OR THE FRONT OF THE MAIL PIECE TO RETURN ADDRESS FOR MAIL DELIVERY

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:

Jason Lee Travis
P.O. Box 875
Oaks, PA 19456



9590 9402 4783 8344 2626 67

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,

February 5, 2020

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.

1 Article Addressed to:

Barbara M. Swiger
14660 WV Rt. 23
West Union, WV 26456



9590 9402 4783 8344 2626 50

2. Article Number (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent Addressee

X *Barbara M Swiger*

B. Received by (Printed Name)

C. Date of Delivery

2/12/2020

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

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

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

Domestic Return Receipt

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:

Arnold Lee Bonnell
5095 Riggins Run
West Union, WV 26456



9590 9402 4783 8344 2626 43

2. Article Number (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent Addressee

X *Arnold Lee Bonnell*

B. Received by (Printed Name)

C. Date of Delivery

Arnold Lee Bonnell *2/12/20*

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

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

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

Domestic Return Receipt



Doddridge County Floodplain Permits

(Week of February 10, 2020)

Please take notice that on the (3RD) of (February), 2020, (Antero Resources) filed an application for a Floodplain Permit (#20-564) to develop land located at or about (Riggins Run Rd); Coordinates: 39.395844, -80.690708. 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 (March 9, 2020) (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

Access road and slip repairs

GEORGE C. EIDEL, CFM

Doddridge County 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.

1. Article Addressed to:

**Shawn Glaspell
5512 Riggins Run
West Union, WV 26456**



9590 9402 4783 8344 2626 36

2. Article Number (Transfer from service label)

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

Shawn Glaspell

- 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

Domestic Return Receipt

9555 2040 1000 0606 9107

**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 **Barbara M. Swiger**

Street and Apt. No., or PO Box No. **14660 WV Rt. 23**

City, State, ZIP+4® **West Union, WV 26456 20-564**

USPS 26456-9998

Postmark: FEB 06 2020

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

5055 2040 0001 0402 5505

7018 3090 0001 0402 5505

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
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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 **Jason Lee Travis**

Street and Apt. No., or PO Box No. **P.O. Box 875**

City, State, ZIP+4® **Oaks, PA 19456 20-564**

USPS 26456-9998

Postmark: FEB 06 2020

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

COPY

COPY

COPY

COPY

KLEINFELDER OFFICE CHECKING
550 WEST C STREET SUITE 1200
SAN DIEGO, CA 92101

DATE 1/27/2020

19-10/1250

PAY TO THE
ORDER OF

Doddridge County Commission

\$ 500.00

Five-hundred ~~COPY~~

00/100

DOLLARS  Security Features
Included
Details on Back



FOR Antero North Canton 186+00; 216+50 Slips



MP

Floodplain
Permit #20-564

~~COPY COPY COPY COPY~~

FP # 20-564

COPY

7018 3090 0001 0402 5512

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 fees as appropriate)

<input checked="" type="checkbox"/> Return Receipt (hardcopy)	\$ 2.75
<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
Shawn Glaspell
 Street and Apt. No., or PO Box No.
5512 Riggins Run
 City, State, ZIP+4®
West Union, WV 26456 20-564

USPS 26456-9998 FEB 06 2020 Postmark Here

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

7018 3090 0001 0402 5529

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 fees as appropriate)

<input checked="" type="checkbox"/> Return Receipt (hardcopy)	\$ 2.75
<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
Arnold Lee Bonnell
 Street and Apt. No., or PO Box No.
5095 Riggins Run
 City, State, ZIP+4®
West Union, WV 26456 20-564

USPS 26456-9998 FEB 06 2020 Postmark Here

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

COOP BK

FLOODPLAIN PERMIT #20-564

Antero Riggins Run Rd, access road and slip repairs 39.395844, -80.690708

TASK	COMPLETE (DATE)	NOTES
CHECK RECEIVED	2/3/2020	
US ARMY CORP. ENGINEERS (USACE)		
US FISH & WILDLIFE SERVICES (USFWS)		
WV DEPT. NATURAL RESOURCES (WVDNR)		
WV DEPT. ENVIROMENTAL PROTECTION (WVDEP)	2/3/2020	
STATE HISTORIC & PRESERVATION OFFICE (SHPO)		
OFFICE of LAND & STREAM (OLS)		
DATE OF COMMISSION READING	2/18/2020	
DATE AVAILABLE TO BE GRANTED	3/9/2020	
PERMIT GRANTED		
COMPLETE		

7018 3090 0001 0402 5505

7018 3090 0001 0402 5529

7018 3090 0001 0402 5512

7018 3090 0001 0402 5536



Doddridge County Floodplain Permits

(Week of February 10, 2020)

Please take notice that on the (3RD) of (February), 2020, (Antero Resources) filed an application for a Floodplain Permit (#20-564) to develop land located at or about (Riggins Run Rd); Coordinates: 39.395844, -80.690708. 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 (March 9, 2020) (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

Access road and slip repairs

GEORGE C. EIDEL, CFM

Doddridge County Floodplain Manager



51 Dutilh Road
Suite 240
Cranberry Township, PA
16066
o | 724.772.7072
f | 724.772.7079

01/31/20 10:41 AM

TRANSMITTAL

To:

Mr. George Eidel
Floodplain Manager
105 Court Street, Suite #3
West Union, WV 26456

Date: January 31, 2020

cc: Project File

Subject:	Floodplain Permit Application Antero Midstream North Canton Connector Slip 216+50 Doddridge County, West Virginia
<input checked="" type="checkbox"/> Attached <input type="checkbox"/> Under separate cover	

Via:

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

Transmitted:

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

Remarks:

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

Attachment A - Floodplain Application

Attachment B - No Rise Certification

Attachment C - Permitting & Coordination

Copies of remaining agency approvals can be provided once received.

The check for fee is \$500.00. The site budget within the Floodplain is less than \$100,000.00 bringing the permit fee to \$500.00.

By: **Matthew Albright**
Project Manager



ATTACHMENT A
FLOODPLAIN APPLICATION



Permit # 20-564
Project Name: North Canton Connector Slip
Permittees Name: Antero Resources

B 1 20 1112P

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

01/31/2020

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Applicant Information:

Please provide all pertinent data.

Applicant Information		
Responsible Company Name: Antero Midstream		
Corporate Mailing Address: 1615 Wynkoop Street		
City: Denver	State: CO	Zip: 80202
Corporate Point of Contact (POC): N/A		
Corporate POC Title: N/A		
Corporate POC Primary Phone: N/A		
Corporate POC Primary Email: N/A		
Corporate FEIN: N/A	Corporate DUNS: N/A	
Corporate Website: www.anteroresources.com		
Local Mailing Address: 535 White Oaks Blvd		
City: Bridgeport	State: WV	Zip: 26330
Local Project Manager (PM): Daniel Bulian		
Local PM Primary Phone: 304 842 4093		
Local PM Secondary Phone: N/A		
Local PM Primary Email: dbulian@anteroresources.com		
Person Filing Application: Daniel Bulian		
Applicant Title: Environmental Specialist III		
Applicant Primary Phone: 304 842 4093		
Applicant Secondary Phone: N/A		
Applicant Primary Email: dbulian@anteroresources.com		

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Project Narrative:

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

Project Narrative:
Antero Midstream is proposing the installation of less than 6-inches of stone to construct a permanent access road and the placement of a temporary air bridge across Riggins Run (KLF_Stream5) from County Route 5 (Riggins Run Road) to access an area along the North Canton Connector for slip repair activities. The proposed air bridge will be located at 39.395844, -80.690708. The majority of the work will be performed in the floodplain, which will require minimal earth work to restore the ground surface to approximate original contours in the vicinity of the slip. Once site activities are completed, the air bridge will be removed and the stone from the access road will remain.

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:

- Fill Mining Drilling Pipelining
- Grading
- Excavation (except for STRUCTURAL DEVELOPMENT checked above)
- Watercourse Alteration (including dredging and channel modification)
- Drainage Improvements (including culvert work)
- Road, Street, or Bridge Construction
- Subdivision (including new expansion)
- Individual Water or Sewer System
- Other (please specify)

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Development Site/Property Information:

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

Property Designation: 1 of 1

Site/Property Information:		
Legal Description: Riggins Run Road		
Physical Address/911 Address: County Route 5		
Decimal Latitude/Longitude: 39.395844		
DMS Latitude/Longitude: -80.690708		
District: 09	Map: 05	Parcel: 11-34
Land Book Description: N/A		
Deed Book Reference: N/A		
Tax Map Reference: N/A		
Existing Buildings/Use of Property: N/A		

Floodplain Location Data: (to be completed by Floodplain Manager or designee)			
Community:	Number:	Panel:	Suffix:
See Attached	Map		
Location (Lat/Long):		Approximate Elevation:	
		Estimated BFE:	
Is the development in the floodway?		Is the development in the floodplain?	
<input type="checkbox"/> Yes <input type="checkbox"/> No		<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: 1 of 1

Property Owner Data:		
Name of Primary Owner (PO): Shawn Glaspell		
PO Address: 5512 Riggins Run		
City: West Union	State: WV	Zip: 26456
PO Primary Phone: N/A		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

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

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

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Contractor Data:

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

Property Designation: 1 of 1

Contractor/Sub-Contractor (C/SC) Information:		
C/SC Company Name: One contractor to be selected from the following: DAC Energy Contractors (WV050789), Mason Dixon Energy Services (WV057129), or Litman Excavating Inc. (WV023019).		
C/SC WV License Number: See Above		
C/SC FEIN: TBD	C/SC DUNS: TBD	
Local C/SC Point of Contact (POC): TBD		
Local C/SC POC Title: TBD		
C/SC Mailing Address: TBD		
City: TBD	State: TBD	Zip--Code: TBD
Local C/SC Office Phone: TBD		
Local C/SC POC Phone: TBD		
Local C/SC POC E--Mail: TBD		

Engineer Firm Information:		
Engineer Firm Name: Kleinfelder, Inc.		
Engineer WV License Number: 021122		
Engineer Firm FEIN: 94-1532513	Engineer Firm DUNS: N/A	
Engineer Firm Primary Point of Contact (POC): Samantha Pretzel		
Engineer Firm Primary POC Title: Senior Professional		
Engineer Firm Mailing Address: 180 White Oaks Blvd., Suite 110		
City: Bridgeport	State: WV	Zip--Code: 26330
Engineer Firm Office Phone: 304-553-7416		
Engineer Firm Primary POC Phone: 304-288-8978		
Engineer Firm Primary POC E--Mail: SPretzel@Kleinfelder.com		

Adjacent and/or Affected Landowners Data

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

Adjacent Property Owner Data: Upstream		
Name of Primary Owner (PO): - Arnold Lee Bonnell Parcel # 09-05-0017-0003-0007		
Physical Address: 5095 Riggins Run (Mailing Address)		
City: West Union	State: WV	Zip: 26456
PO Primary Phone: N/A		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Adjacent Property Owner Data: Upstream		
Name of Primary Owner (PO): Arnold Lee Bonnell # 09-05-0017-0003-0013		
Physical Address: 5095 Riggins Run (Mailing Address)		
City: West Union	State: WV	Zip: 26456
PO Primary Phone: N/A		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Adjacent Property Owner Data: Downstream		
Name of Primary Owner (PO): Jason Lee Travis Parcel # 09-05-0011-0014-0002		
Physical Address: PO Box 875 (Mailing Address)		
City: Oaks	State: PA	Zip: 19456
PO Primary Phone: N/A		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Adjacent Property Owner Data: Downstream		
Name of Primary Owner Barbara M (LIFE) Swiger - Parcel # 09-05-0011-0024-0000		
Physical Address: 14660 WV Route 23 (Mailing Address)		
City: West Union	State: WV	Zip: 26456
PO Primary Phone: N/A		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Site Plan

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

A SITE PLAN MUST CONTAIN THE FOLLOWING INFORMATION:

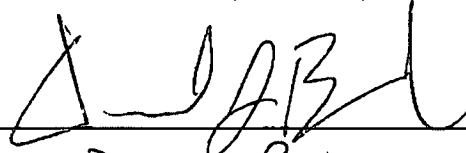
1. Legal description of the parcel, north arrow and scale
2. All property lines and their dimensions
3. Names of adjacent roads, location of driveways
4. Location of sloughs, tributaries, streams, rivers, wetlands, ponds, and lakes, with setbacks indicated, and including FEMA floodplain data based on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

Applicant

Please read print name, sign and date below:

- I certify that I am authorized to submit this application for the primary project developer.
- I certify that the information included in this application is to the best of my knowledge true and complete.
- I certify that all required Federal, State, and local permits required by law and/or ordinance for the above described development of this project have will be properly attained, are current and valid, and must be presented prior to a Doddridge County Floodplain Permit being issued.
- I understand that if in the course of the development project additional permits become required that were not needed during the initial proposal, the primary developer must notify the Doddridge County Floodplain Manager within 48 hours of such need, and that a "Stop Work" order may be issued for all project work directly impacting the floodplain or floodway, until such time the required additional permits are acquired.
- I understand that once the floodplain permit is submitted, the application will be entered into official public record at the next regularly scheduled Doddridge County Commission meeting after the date of submittal.
- I understand that from the date of submittal of the fully completed permit application, the Doddridge County Floodplain Manager has ninety (90) days to make a determination to either grant or deny said permit application. During this approval period, the Doddridge County Floodplain Manager may, at his or her discretion, conduct a review and/or additional study of provided documentation by means of an independent engineering firm. All costs associated with said review and/or study must be reimbursed to the County before issuance of approved permit.
- I understand that during the approval period, the Doddridge County Floodplain Manager 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: _____

01/31/2020

Applicant Printed Name: _____

Daniel Bulian



ATTACHMENT B
NO RISE CERTIFICATION



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

It is further to certify that based on the information provided to me, and the attached technical data supports the fact that the proposed North Canton Connector Slip 216+50 (Site) will not impact the 100-year flood elevation of Riggins Run at the published section in the Flood Insurance Study for Doddridge County (Community ID 540024) effective 10/04/2011 and will not impact the 100-year flood elevation at unpublished cross-sections in the vicinity of the proposed development.

The Site involves the installation of less than 6-inches of stone to construct a permanent access road and the placement of a temporary air bridge across Riggins Run to access an area along the North Canton Connector for slip repair activities. The majority of the work will be performed in the floodplain, which will require minimal earth work to restore the ground surface to approximate original contours in the vicinity of the slip. Once Site activities are completed, the air bridge will be removed and the stone from the access road will remain. The total watershed (drainage basin) for the Site was shown to be 4.31 square miles, this was calculated utilizing the National Streamflow Statistics (NSS) application available online. A HEC-RAS analysis was completed, based on the drainage area above and associated flows, to verify that no influence will occur due to the proposed activities within the floodplain for Riggins Run. The flows compared for the affected area are attached.

Attached are the following documents that support my findings:

- Map of the Site from the West Virginia Flood Tool
- Aerial Imagery Map of the Site
- National Streamflow Statistics – Drainage Area
- Comparison for Calculated Flows – HEC-RAS Excel Data

Date: 01/28/2020

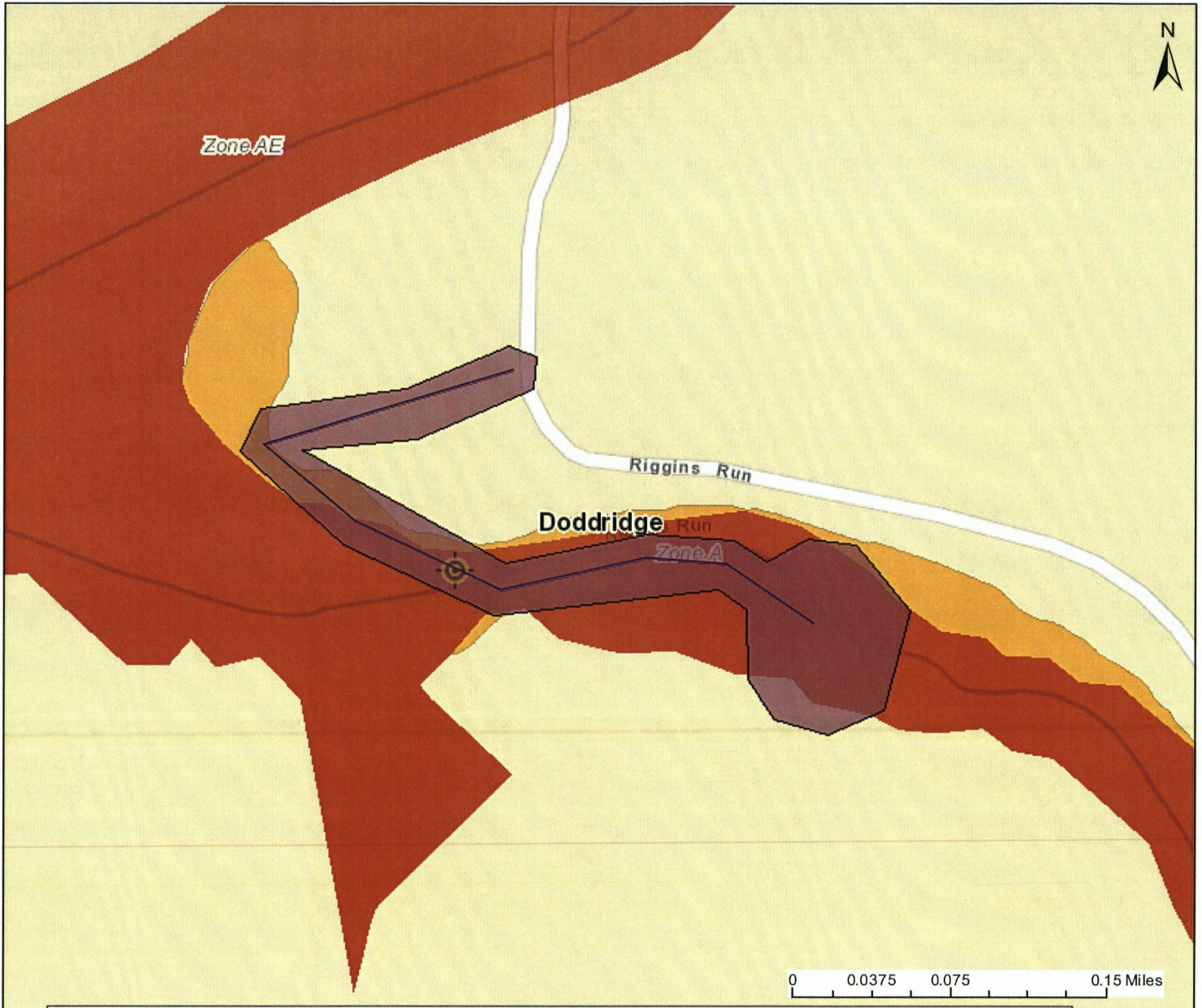
Signature: *Sarah Pretzel*

Title: Senior Professional



Appendix A
West Virginia Flood Tool Map

WV Flood Map-North Canton Connect Slip 216+50

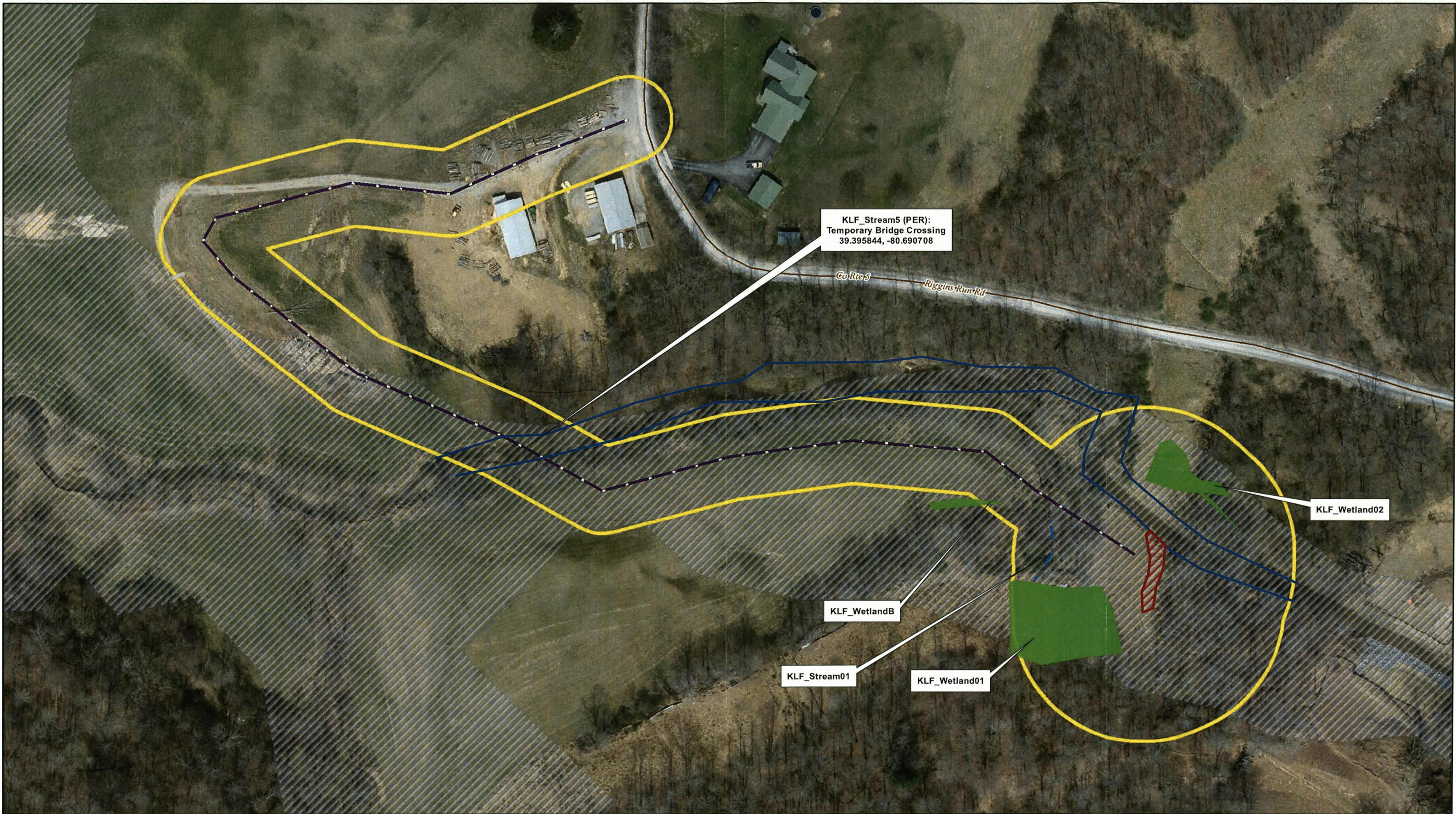


This map is not the official regulatory FIRM or DFIRM. Its purpose is to assist with determining potential flood risk for the selected location.

H I G H R I S K		Regulatory Floodway	Flood Info Location <i>Map created on 1/24/2020</i>																								
		1-Percent-Annual-Chance Flood Hazard Area With Base Flood Elevation (BFE)		User Notes																							
		1-Percent-Annual-Chance Flood Hazard Area Without BFE (may have Advisory Flood Heights)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #800000; color: white;">Flood Hazard Area</td> <td>Location is WITHIN the FEMA 100-year floodplain. Advisory Flood Heights available.</td> </tr> <tr> <td style="background-color: #800000; color: white;">Flood Zone</td> <td>A (Advisory Flood Heights available)</td> </tr> <tr> <td style="background-color: #800000; color: white;">Stream</td> <td>Riggins Run</td> </tr> <tr> <td style="background-color: #800000; color: white;">Watershed (HUC8)</td> <td>Little Musringum-Middle Island (5030201)</td> </tr> <tr> <td style="background-color: #800000; color: white;">Flood Height</td> <td>About 758 ft (Source: AFH)</td> </tr> <tr> <td style="background-color: #800000; color: white;">Water Depth</td> <td>About 5.3 ft (Source: HEC-RAS)</td> </tr> <tr> <td style="background-color: #800000; color: white;">Elevation</td> <td>About 753 ft (Source: SAMS 2003)</td> </tr> <tr> <td style="background-color: #800000; color: white;">Community & ID</td> <td>Doddridge County (ID: 540024)</td> </tr> <tr> <td style="background-color: #800000; color: white;">FEMA Map & Date</td> <td>54017C0040C; Effective Date: 10/4/2011</td> </tr> <tr> <td style="background-color: #800000; color: white;">Location (lat, long)</td> <td>(39.395818, -80.690714)</td> </tr> <tr> <td style="background-color: #800000; color: white;">Parcel ID</td> <td>09-05-0011-0034-0000</td> </tr> <tr> <td style="background-color: #800000; color: white;">E-911 Address</td> <td></td> </tr> </table>	Flood Hazard Area	Location is WITHIN the FEMA 100-year floodplain. Advisory Flood Heights available.	Flood Zone	A (Advisory Flood Heights available)	Stream	Riggins Run	Watershed (HUC8)	Little Musringum-Middle Island (5030201)	Flood Height	About 758 ft (Source: AFH)	Water Depth	About 5.3 ft (Source: HEC-RAS)	Elevation	About 753 ft (Source: SAMS 2003)	Community & ID	Doddridge County (ID: 540024)	FEMA Map & Date	54017C0040C; Effective Date: 10/4/2011	Location (lat, long)	(39.395818, -80.690714)	Parcel ID	09-05-0011-0034-0000	E-911 Address	
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Elevation	About 753 ft (Source: SAMS 2003)																										
Community & ID	Doddridge County (ID: 540024)																										
FEMA Map & Date	54017C0040C; Effective Date: 10/4/2011																										
Location (lat, long)	(39.395818, -80.690714)																										
Parcel ID	09-05-0011-0034-0000																										
E-911 Address																											
	1-Percent-Annual-Chance Future Conditions (High Risk Advisory Flood Zones)																										
Download the Full Legend for all flood tool symbols https://www.mapwv.gov/flood/map/docs/wv_flood_tool_legend.pdf																											
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.																											



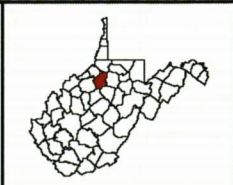
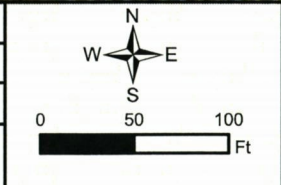
Appendix B
Aerial Imagery Map



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PROJECT NO.	-
DRAWN BY:	CDC
CHECKED BY:	MJA
FILE NAME:	NCC_Slip_216+50_Floodplain_Fig1



**Doddridge County
West Virginia**

USGS Quad: Center Point

- AOI (6.1 ac)
- Access Road
- Intermittent Stream
- Perennial Stream
- Existing Culvert
- PEM Wetland
- Approximate Slip Location
- Existing Road
- FEMA 100 Year Floodzone

Antero Midstream

Figure 1
Aerial Imagery Map
North Canton Connector
Slip 216+50

Date: 1/20/2020 Index Map



Appendix C
National Streamflow Statistics (NSS)
Riggins Run – Doddridge County, WV

Legend

Basins

Layers

Basemaps

Input Coordinate

examples:

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

38.123456, -81.123456 (lat, lon)

500000, 4200000 (UTM as easting, northing)

zoom to point

7Q10 Query Results

Stream Name	Riggins Run
Stream Code	OMN-13-CH-22
WV Code	WVOMI-30-K
Drainage Area	4.310 sq mi

Exceptions and Warnings

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

Gage-based Estimates

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

Regional Estimates

Annual 7Q10	0.001	cfs
Spring 7Q10	0.042	cfs
Summer 7Q10	0.001	cfs
Fall 7Q10	0.010	cfs
Winter 7Q10	0.339	cfs
Spring D50	1.813	cfs
Summer D50	0.139	cfs
Fall D50	0.730	cfs
Winter D50	4.485	cfs
D75	0.225	cfs
Harmonic Mean	0.093	cfs

Guidance:

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

Legend

Input Coordinate

examples:
 38 15 30.1, -81 25 15.2 (lat, lon)
 38.123456, -81.123456 (lat, lon)
 500000, 4200000 (UTM as easting, northing)

zoom to point

7Q10 Query Results

Stream Name	Riggins Run
Stream Code	OMN-13-CH-22
WV Code	WVOMI-30-K
Drainage Area	4.310 sq mi

Exceptions and Warnings

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

Gage-based Estimates

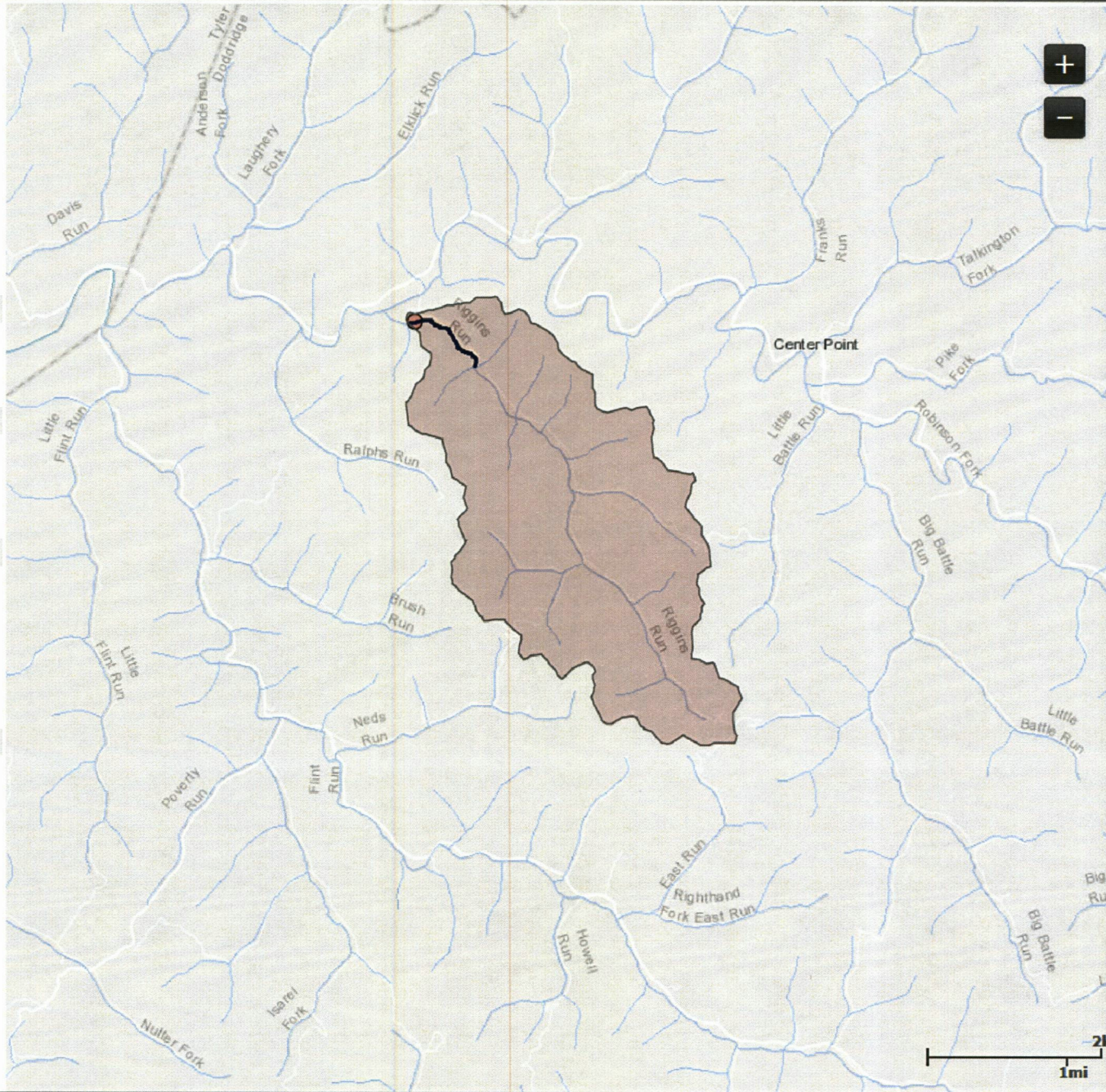
Method	null	
Upstream Gage	null	
Downstream Gage	null	
Annual 7Q10		cfs
Spring 7Q10		cfs
Summer 7Q10		cfs
Fall 7Q10		cfs
Winter 7Q10		cfs

Regional Estimates

Annual 7Q10	0.001	cfs
Spring 7Q10	0.042	cfs
Summer 7Q10	0.001	cfs
Fall 7Q10	0.010	cfs
Winter 7Q10	0.339	cfs
Spring D50	1.813	cfs
Summer D50	0.139	cfs
Fall D50	0.730	cfs
Winter D50	4.485	cfs
D75	0.225	cfs
Harmonic Mean	0.093	cfs

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

[flow calculation methods](#)



National Streamflow Statistics (NSS)



File Graph Help

Analysis Type: Peak Probability Other

State: West_Virginia Site Name: RIGGINS RUN

Rural

Rural 1 New Edit Delete

Rural 1 ^
 Basin Drainage Area: 4.31 square miles
 1 Region
 Region: Peak Flow Western Plateaus Region 2010_5033
 Drainage Area = 4.31 square miles
 Crippen & Bue Region 4
 v

Statistic	Value, Standard		Equivalent
	ft3/s	Error, %	
PK1_5	289	34	2.8
PK2	375	32	2.8
PK5	624	30	4.4
PK10	811	30	5.9
PK25	1070	30	7.9
PK50	1280	31	9.1
PK100	1490	33	10
PK200	1720	34	11
PK500	2040	36	11
maximum: 12500 (for C&B region 4)			

< >

Urban

New Edit Delete

No Scenarios Available ^
 v
 ^
 v

Frequency Plot

Hydrograph

Weight



Appendix D
HEC-RAS Flow Comparison – Excel Sheet

HEC-RAS River: RIGGINS RUN Reach: RIGGINS RUN

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)
RIGGINS RUN	1069.21	PF 1	RR EXIST	375.00	755.10	758.05
RIGGINS RUN	1069.21	PF 1	RR PROP	375.00	755.10	758.05
RIGGINS RUN	1069.21	PF 2	RR EXIST	811.00	755.10	759.31
RIGGINS RUN	1069.21	PF 2	RR PROP	811.00	755.10	759.31
RIGGINS RUN	1069.21	PF 3	RR EXIST	1070.00	755.10	759.94
RIGGINS RUN	1069.21	PF 3	RR PROP	1070.00	755.10	759.94
RIGGINS RUN	1069.21	PF 4	RR EXIST	1280.00	755.10	760.40
RIGGINS RUN	1069.21	PF 4	RR PROP	1280.00	755.10	760.40
RIGGINS RUN	1069.21	PF 5	RR EXIST	1490.00	755.10	760.82
RIGGINS RUN	1069.21	PF 5	RR PROP	1490.00	755.10	760.82
RIGGINS RUN	844.07	PF 1	RR EXIST	375.00	753.10	757.05
RIGGINS RUN	844.07	PF 1	RR PROP	375.00	753.10	757.05
RIGGINS RUN	844.07	PF 2	RR EXIST	811.00	753.10	758.73
RIGGINS RUN	844.07	PF 2	RR PROP	811.00	753.10	758.73
RIGGINS RUN	844.07	PF 3	RR EXIST	1070.00	753.10	759.50
RIGGINS RUN	844.07	PF 3	RR PROP	1070.00	753.10	759.50
RIGGINS RUN	844.07	PF 4	RR EXIST	1280.00	753.10	759.99
RIGGINS RUN	844.07	PF 4	RR PROP	1280.00	753.10	759.99
RIGGINS RUN	844.07	PF 5	RR EXIST	1490.00	753.10	760.30
RIGGINS RUN	844.07	PF 5	RR PROP	1490.00	753.10	760.34
RIGGINS RUN	789.19	PF 1	RR EXIST	375.00	753.10	757.05
RIGGINS RUN	789.19	PF 1	RR PROP	375.00	753.10	757.05
RIGGINS RUN	789.19	PF 2	RR EXIST	811.00	753.10	758.74
RIGGINS RUN	789.19	PF 2	RR PROP	811.00	753.10	758.74
RIGGINS RUN	789.19	PF 3	RR EXIST	1070.00	753.10	759.51
RIGGINS RUN	789.19	PF 3	RR PROP	1070.00	753.10	759.50
RIGGINS RUN	789.19	PF 4	RR EXIST	1280.00	753.10	759.99
RIGGINS RUN	789.19	PF 4	RR PROP	1280.00	753.10	760.00
RIGGINS RUN	789.19	PF 5	RR EXIST	1490.00	753.10	760.31
RIGGINS RUN	789.19	PF 5	RR PROP	1490.00	753.10	760.35
RIGGINS RUN	724.61	PF 1	RR EXIST	375.00	753.10	757.05
RIGGINS RUN	724.61	PF 1	RR PROP	375.00	753.10	757.05
RIGGINS RUN	724.61	PF 2	RR EXIST	811.00	753.10	758.74
RIGGINS RUN	724.61	PF 2	RR PROP	811.00	753.10	758.74
RIGGINS RUN	724.61	PF 3	RR EXIST	1070.00	753.10	759.51
RIGGINS RUN	724.61	PF 3	RR PROP	1070.00	753.10	759.51
RIGGINS RUN	724.61	PF 4	RR EXIST	1280.00	753.10	760.00
RIGGINS RUN	724.61	PF 4	RR PROP	1280.00	753.10	760.00
RIGGINS RUN	724.61	PF 5	RR EXIST	1490.00	753.10	760.32
RIGGINS RUN	724.61	PF 5	RR PROP	1490.00	753.10	760.36
RIGGINS RUN	644.76	PF 1	RR EXIST	375.00	753.10	757.00
RIGGINS RUN	644.76	PF 1	RR PROP	375.00	753.10	757.00
RIGGINS RUN	644.76	PF 2	RR EXIST	811.00	753.10	758.68
RIGGINS RUN	644.76	PF 2	RR PROP	811.00	753.10	758.68
RIGGINS RUN	644.76	PF 3	RR EXIST	1070.00	753.10	759.45
RIGGINS RUN	644.76	PF 3	RR PROP	1070.00	753.10	759.45
RIGGINS RUN	644.76	PF 4	RR EXIST	1280.00	753.10	759.94

HEC-RAS River: RIGGINS RUN Reach: RIGGINS RUN (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)
RIGGINS RUN	644.76	PF 4	RR PROP	1280.00	753.10	759.94
RIGGINS RUN	644.76	PF 5	RR EXIST	1490.00	753.10	760.25
RIGGINS RUN	644.76	PF 5	RR PROP	1490.00	753.10	760.29
RIGGINS RUN	455.28	PF 1	RR EXIST	375.00	753.00	756.33
RIGGINS RUN	455.28	PF 1	RR PROP	375.00	753.00	756.33
RIGGINS RUN	455.28	PF 2	RR EXIST	811.00	753.00	757.70
RIGGINS RUN	455.28	PF 2	RR PROP	811.00	753.00	757.70
RIGGINS RUN	455.28	PF 3	RR EXIST	1070.00	753.00	758.29
RIGGINS RUN	455.28	PF 3	RR PROP	1070.00	753.00	758.28
RIGGINS RUN	455.28	PF 4	RR EXIST	1280.00	753.00	758.80
RIGGINS RUN	455.28	PF 4	RR PROP	1280.00	753.00	758.79
RIGGINS RUN	455.28	PF 5	RR EXIST	1490.00	753.00	759.41
RIGGINS RUN	455.28	PF 5	RR PROP	1490.00	753.00	759.37
RIGGINS RUN	350.01	PF 1	RR EXIST	375.00	752.90	756.46
RIGGINS RUN	350.01	PF 1	RR PROP	375.00	752.90	756.46
RIGGINS RUN	350.01	PF 2	RR EXIST	811.00	752.90	757.99
RIGGINS RUN	350.01	PF 2	RR PROP	811.00	752.90	757.99
RIGGINS RUN	350.01	PF 3	RR EXIST	1070.00	752.90	758.69
RIGGINS RUN	350.01	PF 3	RR PROP	1070.00	752.90	758.69
RIGGINS RUN	350.01	PF 4	RR EXIST	1280.00	752.90	759.18
RIGGINS RUN	350.01	PF 4	RR PROP	1280.00	752.90	759.18
RIGGINS RUN	350.01	PF 5	RR EXIST	1490.00	752.90	759.62
RIGGINS RUN	350.01	PF 5	RR PROP	1490.00	752.90	759.60
RIGGINS RUN	281.62	PF 1	RR EXIST	375.00	752.90	756.33
RIGGINS RUN	281.62	PF 1	RR PROP	375.00	752.90	756.33
RIGGINS RUN	281.62	PF 2	RR EXIST	811.00	752.90	757.84
RIGGINS RUN	281.62	PF 2	RR PROP	811.00	752.90	757.84
RIGGINS RUN	281.62	PF 3	RR EXIST	1070.00	752.90	758.52
RIGGINS RUN	281.62	PF 3	RR PROP	1070.00	752.90	758.52
RIGGINS RUN	281.62	PF 4	RR EXIST	1280.00	752.90	759.01
RIGGINS RUN	281.62	PF 4	RR PROP	1280.00	752.90	759.01
RIGGINS RUN	281.62	PF 5	RR EXIST	1490.00	752.90	759.45
RIGGINS RUN	281.62	PF 5	RR PROP	1490.00	752.90	759.45
RIGGINS RUN	227.26	PF 1	RR EXIST	375.00	752.80	755.40
RIGGINS RUN	227.26	PF 1	RR PROP	375.00	752.80	755.40
RIGGINS RUN	227.26	PF 2	RR EXIST	811.00	752.80	756.59
RIGGINS RUN	227.26	PF 2	RR PROP	811.00	752.80	756.59
RIGGINS RUN	227.26	PF 3	RR EXIST	1070.00	752.80	757.12
RIGGINS RUN	227.26	PF 3	RR PROP	1070.00	752.80	757.12
RIGGINS RUN	227.26	PF 4	RR EXIST	1280.00	752.80	757.57
RIGGINS RUN	227.26	PF 4	RR PROP	1280.00	752.80	757.57
RIGGINS RUN	227.26	PF 5	RR EXIST	1490.00	752.80	757.93
RIGGINS RUN	227.26	PF 5	RR PROP	1490.00	752.80	757.93
RIGGINS RUN	152.63	PF 1	RR EXIST	375.00	751.93	754.29
RIGGINS RUN	152.63	PF 1	RR PROP	375.00	751.93	754.32
RIGGINS RUN	152.63	PF 2	RR EXIST	811.00	751.93	755.02

HEC-RAS River: RIGGINS RUN Reach: RIGGINS RUN (Continued)

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)
RIGGINS RUN	152.63	PF 2	RR PROP	811.00	751.93	755.42
RIGGINS RUN	152.63	PF 3	RR EXIST	1070.00	751.93	755.43
RIGGINS RUN	152.63	PF 3	RR PROP	1070.00	751.93	755.94
RIGGINS RUN	152.63	PF 4	RR EXIST	1280.00	751.93	755.70
RIGGINS RUN	152.63	PF 4	RR PROP	1280.00	751.93	756.33
RIGGINS RUN	152.63	PF 5	RR EXIST	1490.00	751.93	755.99
RIGGINS RUN	152.63	PF 5	RR PROP	1490.00	751.93	756.65
RIGGINS RUN	99.80	PF 1	RR EXIST	375.00	751.40	754.38
RIGGINS RUN	99.80	PF 1	RR PROP	375.00	751.40	754.38
RIGGINS RUN	99.80	PF 2	RR EXIST	811.00	751.40	755.54
RIGGINS RUN	99.80	PF 2	RR PROP	811.00	751.40	755.54
RIGGINS RUN	99.80	PF 3	RR EXIST	1070.00	751.40	756.07
RIGGINS RUN	99.80	PF 3	RR PROP	1070.00	751.40	756.07
RIGGINS RUN	99.80	PF 4	RR EXIST	1280.00	751.40	756.47
RIGGINS RUN	99.80	PF 4	RR PROP	1280.00	751.40	756.47
RIGGINS RUN	99.80	PF 5	RR EXIST	1490.00	751.40	756.84
RIGGINS RUN	99.80	PF 5	RR PROP	1490.00	751.40	756.84
RIGGINS RUN	0	PF 1	RR EXIST	375.00	751.40	753.37
RIGGINS RUN	0	PF 1	RR PROP	375.00	751.40	753.37
RIGGINS RUN	0	PF 2	RR EXIST	811.00	751.40	754.31
RIGGINS RUN	0	PF 2	RR PROP	811.00	751.40	754.31
RIGGINS RUN	0	PF 3	RR EXIST	1070.00	751.40	754.74
RIGGINS RUN	0	PF 3	RR PROP	1070.00	751.40	754.74
RIGGINS RUN	0	PF 4	RR EXIST	1280.00	751.40	755.08
RIGGINS RUN	0	PF 4	RR PROP	1280.00	751.40	755.08
RIGGINS RUN	0	PF 5	RR EXIST	1490.00	751.40	755.38
RIGGINS RUN	0	PF 5	RR PROP	1490.00	751.40	755.38



ATTACHMENT C
PERMITTING & COORDINATION



Table 1 - Permitting & Coordination for North Canton Connector Slip 216+50

Permitting Agency	Permit/Coordination Required	Submitted	Received (Anticipated)	Status
WVDNR-OLS ¹	Stream Activity Application	01/20/2020	(02/19/2020)	Pending
County Floodplain Manager	Doddridge County Floodplain Permit	01/31/2020	(03/01/2020)	Pending
WVDEP ²	Construction Stormwater General Permit	04/29/2014	06/04/2014	Approved

- 1 West Virginia Division of Natural Resources Office of Land and Streams
- 2 West Virginia Department of Environmental Protection

Matthew Albright

From: Thomas Woodrow
Sent: Wednesday, June 04, 2014 8:30 PM
To: Matthew Albright; Heather Krepsik
Subject: FW: Approval for WVR310279, North Canton Connector, Doddridge Co., 95.20 Acres

Received NCC stormwater permit

Tom Woodrow, P.E., BCEE
Senior Project Manager
230 Executive Drive, Suite 122
Cranberry Township, PA 16066
o | 724.831.5129
c | 724.321.9226

From: DEP NPDESEP [<mailto:DEP.NPDESEP@wv.gov>]
Sent: Wednesday, June 04, 2014 3:13 PM
To: DEP NPDESEP; lslauter@anteroresources.com
Cc: Thomas Woodrow; Hodge, Timothy W; Swiger, Bradley C; Minigh, Christina D
Subject: Approval for WVR310279, North Canton Connector, Doddridge Co., 95.20 Acres

Luz Slauter
Antero Resources Appalachian Corporation
1625 17th Street
Denver, CO 80202

Physical Site Location: Co. Rt. 5, Riggins Run Road, Smithburg

Please be advised that this e-mail constitutes approval for your project associated with Oil and Gas Construction Activities and your registration no. is WVR310279. You are now authorized to operate under WV General Water Pollution Control Permit No. WV0116815, issued on May 13, 2013.

You should carefully read the contents of this General Permit and become familiar with all requirements needed to remain in compliance with your permit. A "Notice of Termination" form is to be completed and submitted when all disturbed areas are stabilized. You can find the permit and Notice of Termination form via the Internet by visiting Permitting, Division of Water and Waste Management at www.dep.wv.gov

Your annual permit fee has been assessed as \$1500.00. You will be invoiced by this agency upon the anniversary date of this approval date. Failure to submit the annual fee within ninety (90) days of the due date will render your permit void upon the date you are mailed a certified written notice to that effect. Please be advised that a pro-rated annual permit fee may be assessed upon the completion date and proper stabilization.

If you have any questions relative to this approval, please do not hesitate to contact Joseph Cochran at (304) 926-0499 Ext. 1069 or by email at joseph.w.cochran@wv.gov

Scott G. Mandirola, Director
WV DEP-Division of Water & Waste Mgt.
601 57th St. SE
Charleston, WV 25304-2345

Phone: (304) 926-0495
Fax: (304) 926-0496