

Commercial/Industrial Floodplain Development Permit

Doddridge County, WV Floodplain Management

This permit has been issued to **ANTERO RESOURCES**, and is for the approved commercial and/or industrial development project associated with this permit 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: #14-223 ~ Diane Davis Pipeline

Date Approved: 07/29/2014

Expires: 07/29/2015

Issued to: ANTERO RESOURCES

**POC: Emily Kijowski
303-357-7232**

**Company Address: 1615 WYNKOOP ST
DENVER, CO**

Project Address: Central District

Lat/Long: 39.304030N/80.823370W to 39.299570N/80.829659W

Purpose of development: Pipeline Construction.

Issued by: Edwin L. "Bo" Wriston, Doddridge County FPM (*or designee*)

Date: 07/29/2014

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

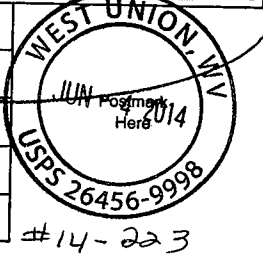
7013 2250 0001 6914 8902

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

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

118 ECHO ST KENNESAWT

Postage	\$.48
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.48



Sent To George D. Lambert
Steve Mark Mongeni
Street, Apt. No., or PO Box No. 12 Townridge AC
City, State, ZIP+4 Mullens, WV 25882

PS Form 3800, August 2006 See Reverse for Instructions

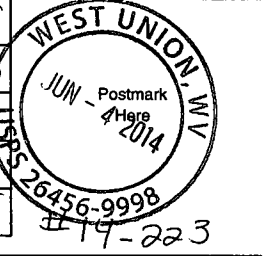
7013 2250 0001 6914 8872

U.S. Postal Service™
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OFFICIAL USE

Postage	\$.48
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.48



Sent To Kelly E, Jr. & Maudenna Smith
Street, Apt. No., or PO Box No. P.O. Box 419
City, State, ZIP+4 Acquille, WV 25606

PS Form 3800, August 2006 See Reverse for Instructions

7013 2250 0001 6914 8859

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Postage	\$.48
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.48



Sent To William Ponder Seahorn III
Ruth R. Johnson
Street, Apt. No., or PO Box No. Box 1483
City, State, ZIP+4 Ozona TX 76943-1483

PS Form 3800, August 2006 See Reverse for Instructions

7013 2250 0001 6914 8865

U.S. Postal Service™
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For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$.48
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.48



Sent To Jonathan & Lovella Davis
Street, Apt. No., or PO Box No. Rt 1 Box 271
City, State, ZIP+4 West Union, WV 26456

PS Form 3800, August 2006 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- 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: # 14-223
 Kelly E. Tr. & Maudenna Smith
 P.O. Box 419
 Accoville, WV 25606

2. Article Number
 (Transfer from service label)

7013 2250 0001 6914 8872

COMPLETE THIS SECTION ON DELIVERY

A. Signature

* Maudenna Smith Agent
 Addressee

B. Received by (Printed Name)

Maudenna Smith

C. Date of Delivery

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

3. Service Type

- Certified Mail® Priority Mail Express™
- Registered Return Receipt for Merchandise
- Insured Mail Collect on Delivery

4. Restricted Delivery? (Extra Fee) Yes

UNITED STATES POSTAL SERVICE
CREATED FOR



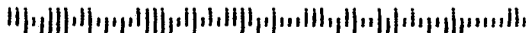
First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

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

FILED

2014 JUN 16 AM 11:30

BO WRISTON
DODD RIDGE COUNTY FLOODPLAIN MGT
118 EAST COURT ST. ROOM 102
WEST UNION, WV 26456



SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- 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: #14-223
 George D. Lambert
 Steve Mark Mongeni
 12 Townridge Ac
 Mullens, WV 25882

2. Article Number
 (Transfer from service label)

7013 2250 0001 6914 8902

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *[Handwritten Signature]*

- Agent
 Addressee

B. Received (Printed Name)

C. Date of Delivery

6-9-14

D. Is delivery address different from item 1? If YES, enter delivery address below:

- Yes
 No

3. Service Type

- Certified Mail® Priority Mail Express™
 Registered Return Receipt for Merchandise
 Insured Mail Collect on Delivery

4. Restricted Delivery? (Extra Fee)

- Yes

JUN 10 AM 10:56
 DEPT. OF REVENUE
 CLERK
 ROYALTY COUNTY

UNITED STATES POSTAL SERVICE



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

WV 260

09 JUN '14

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

BO WRISTON
DODDRIDGE COUNTY FLOODPLAIN MGT
118 EAST COURT ST. ROOM 102
WEST UNION, WV 26456



SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- 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:

14-223

Jonathan L. Davis
Lovella Davis

Rt 1 Box 201

West Union, WV

26456

2. Article Number

(Transfer from service label):

7013 2250 0001 6914 8865

COMPLETE THIS SECTION ON DELIVERY

A. Signature

Jonathan L. Davis

-
- Agent
-
-
- Addressee

B. Received by (Printed Name)

Jonathan Davis

C. Date of Delivery

6-3-14

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No3175 SAM CAVINS RD
WEST UNION, WV 26456

3. Service Type

-
- Certified Mail®
-
- Priority Mail Express™
-
-
- Registered
-
- Return Receipt for Merchandise
-
-
- Insured Mail
-
- Collect on Delivery

4. Restricted Delivery? (Extra Fee)

 Yes

UNITED STATES POSTAL SERVICE



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

WV 260

06 JUN '14

PH 1 L

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

BO WRISTON
DODDRIDGE COUNTY FLOODPLAIN MGT
118 EAST COURT ST. ROOM 102
WEST UNION, WV 26456



SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- 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: #14-223
 William Ponder Seahorn III
 Ruth R. Johnson
 Box 1483
 Ozonza, TX 76943-1483

2. Article Number
 (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X 

- Agent
 Addressee

B. Received by (Printed Name)

PAUL SEAHORN

C. Date of Delivery

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

1483

3. Service Type

- Certified Mail® Priority Mail Express™
 Registered Return Receipt for Merchandise
 Insured Mail Collect on Delivery

4. Restricted Delivery? (Extra Fee)

Yes

7013 2250 0001 6914 8889

UNITED STATES POSTAL SERVICE

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

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

BO WRISTON
DODDRIDGE COUNTY FLOODPLAIN MGMT
118 EAST COURT ST. ROOM 102
WEST UNION, WV 26456

2014 JUN 11 PM 12:27
67TH A 200ERS
CLINT COUNTY
DODDRIDGE COUNTY WV





Vendor Name	Vendor No.	Date	Check Number	Check Total
DODDRIDGE COUNTY COMMISSION	43312	May-29-2014	56419	\$1,488.93

VOUCHER	VENDOR INV #	INV DATE	TOTAL AMOUNT	PRIOR PMTS & DISCOUNTS	NET AMOUNT
05-AP-15648	LB05272014	05/27/14	1,488.93	0.00	1,488.93
Diane Davis Pipeline					1,488.93
TOTAL INVOICES PAID					1,488.93

Doddridge County, West Virginia

RECEIPT NO: 2275

DATE: 2014/06/02

FROM: ANTERO

AMOUNT: \$ 1,488.93

ONE THOUSAND FOUR HUNDRED EIGHTY EIGHT DOLLARS AND 93 CENTS

FOR: #14-223 DIANE DAVIS PIPELINE

00000056419 FP-BUILDING PERMITS

.020-318

TOTAL: \$1,488.93

MICHAEL HEADLEY
 SHERIFF & TREASURER

MEC
 CLERK

Customer Copy

#14-223
Diane Davis Pipeline

DETACH AND RETAIN FOR TAX PURPOSES



JUN 9 2014

DIVISION OF NATURAL RESOURCES
Wildlife Resources Section
Operations Center
P.O. Box 67
Elkins, West Virginia 26241-3235
Telephone (304) 637-0245
Fax (304) 637-0250

Earl Ray Tomblin
Governor

Frank Jezioro
Director

June 4, 2014

Mr. Brett F. Fletcher
Antero Resources
1625 17th Street, Suite 300
Denver, CO 80202

Dear Mr. Fletcher:

We have reviewed our files for information on rare, threatened and endangered (RTE) species and sensitive habitats for the area of the proposed Jon Davis Well Pad to Diane Davis Well (Diane Davis Pipeline) project in Doddridge County, WV.

We have no known records of any RTE species or sensitive habitats within the project area. The Wildlife Resources Section knows of no surveys that have been conducted in the area for rare species or rare species habitat. Consequently, this response is based on information currently available and should not be considered a comprehensive survey of the area under review.

The information provided above is the product of a database search and retrieval. This information does not satisfy other consultation or permitting requirements for disturbances to the natural resources of the state, and further consultation may be required.

Thank you for your inquiry, and should you have any questions please feel free to contact me at the above number, extension 2048. Enclosed please find an invoice.

Sincerely,


Barbara Sargent
Environmental Resources Specialist
Wildlife Diversity Unit

enclosure

cc: Heather Krepsik - Kleinfelder

S:\Monthly\Barb\Invoices\Antero4.doc

NO. 214-699

INVOICE

West Virginia Division of Natural Resources

Wildlife Resources Section, P.O. Box 67, Elkins, WV 26241

Attention: Ms. Patty Fordyce

In Account With: Antero Resources
1625 17th Street, Suite 300
Denver, CO 80202

Date: June 4, 2014

Attention: Mr. Brett F. Fletcher

For the retrieval and compilation of information on rare, threatened and endangered species and sensitive habitats for the proposed Jon Davis Well Pad to Diane Davis Well (Diane Davis Pipeline) project in Doddridge County, WV.

AMOUNT DUE: \$75.00

Make check payable to WV Division of Natural Resources. **Please reference the invoice number on your check.** Mail to the above address and to the attention of Ms. Fordyce.

Legal Advertisement:
Doddridge County
Floodplain Permit Application

Please take notice that on the 3rd day of June, 2014

ANTERO RESOURCES CORPATION #14 - 223

filed an

application for a Floodplain Permit to develop land located at or
about: **SURFACE OWNERS: JONATHAN L DAVIS & LOUELLA D. DAVIS**
**CENTRAL DISTRICT/ TAX MAP 1-7-1/1-7-2/ARNOLDS CREEK ROAD/
SAM CAVINS ROAD.**

The Application is on file with the Clerk of the County Court and
may be inspected or copied during regular business hours.

Any interested persons who desire to comment shall present
the same in writing by **June 23, 2014.**

Delivered to the:
Clerk of the County Court
118 E. Court Street, West Union, WV 26456.

Beth A Rogers, Doddridge County Clerk
Edwin L. "Bo" Wriston, Doddridge County Flood Plain Manager

TRANSACTION REPORT

P. 01

JUN-02-2014 MON 06:30 PM

FOR: DODDRIDGE CO. CLERK

304 873 1840

SEND

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
JUN-02	06:29 PM	93048731600	25"	1	FAX TX	OK	054	

TOTAL : 25S PAGES: 1

Legal Advertisement:

Doddridge County

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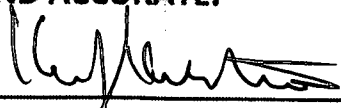
Edwin L. "Bo" Wriston, Doddridge County Flood Plain Manager

FILED

DODDRIDGE COUNTY
FLOODPLAIN DEVELOPMENT PERMIT APPLICATION
2014 MAY 30 PM 1:25
COUNTY CLERK
DODDRIDGE COUNTY, WV

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. Development shall not be used or occupied until a Certificate of Compliance is issued.
5. The permit will expire if no work is commenced within six months of issuance.
6. Applicant is hereby informed that other permits may be required to fulfill local, state, and federal requirements.
7. Applicant hereby gives consent to the Floodplain Administrator/Manager or his/her representative to make inspections to verify compliance.
8. **I, THE APPLICANT CERTIFY THAT ALL STATEMENTS HEREIN AND IN ATTACHMENTS TO THIS APPLICATION ARE, TO THE BEST OF MY KNOWLEDGE, TRUE AND ACCURATE.**

APPLICANT'S SIGNATURE 

DATE 5/28/14

SECTION 2: PROPOSE DEVELOPMENT (TO BE COMPLETED BY APPLICANT).

IF THE APPLICANT IS NOT A NATURAL PERSON, THE NAME, ADDRESS, AND TELEPHONE NUMBER OF A NATURAL PERSON WHO SHALL BE APPOINTED BY THE APPLICANT TO RECEIVE NOTICE PURSUANT TO ANY PROVISION OF THE CURRENT DODDRIDGE COUNTY FLOODPLAIN ORDINANCE.

APPLICANT'S NAME: Antero Resources Corporation

ADDRESS: 1615 Wynkoop Street, Denver, CO 80202

TELEPHONE NUMBER: Contact Shaye Marshall: 303-357-6412

BUILDER'S NAME: Antero Resources Corporation
ADDRESS: 1615 Wynkoop Street, Denver, CO 80202
TELEPHONE NUMBER: (303) 357-7310

ENGINEER'S NAME: Tom Woodrow - Kleinfelder
ADDRESS: 230 Executive Dr, Suite 122, Cranberry Township, PA 16066
TELEPHONE NUMBER: 724-772-7072

PROJECT LOCATION:

NAME OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT) Please see attached property owner table

ADDRESS OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT) Please see attached property owner table

DISTRICT: Central District

DATE/FROM WHOM PROPERTY

PURCHASED: N/A

LAND BOOK DESCRIPTION: Please see attached property owner table

DEED BOOK REFERENCE: Please see attached property owner table

TAX MAP REFERENCE:

EXISTING BUILDINGS/USES OF PROPERTY:

NAME OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON THE SUBJECT PROPERTY

ADDRESS OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON THE SUBJECT PROPERTY

To avoid delay in processing the application, please provide enough information to easily identify the project location.

DESCRIPTION OF WORK (CHECK ALL APPLICABLE BOXES)

A. STRUCTURAL DEVELOPMENT

ACTIVITY

STRUCTURAL TYPE

- | | | | |
|-------------------------------------|-------------------------|--------------------------|----------------------------------|
| <input checked="" 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 Altercation (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)
-

C. STANDARD SITE PLAN OR SKETCH

1. SUBMIT ALL STANDARD SITE PLANS, IF ANY HAVE BEEN PREPARED.
2. IF STANDARD SITE PLANS HAVE NOT BEEN PREPARED:
 SKETCH ON A SEPARATE 8 ½ X 11 INCH SHEET OF PAPER THE SHAPE AND LOCATION OF THE LOT. SHOW THE LOCATION OF THE INTENDED CONSTRUCTION OR LAND USE INDICATING BUILDING SETBACKS, SIZE & HEIGHT. IDENTIFY EXISTING BUILDINGS, STRUCTURES OR LAND USES ON THE PROPERTY.
3. SIGN AND DATE THE SKETCH.

ACTUAL TOTAL CONSTRUCTION COSTS OF THE COMPLETE DEVELOPMENT IRRESPECTIVE OF WHETHER ALL OR ANY PART OF THE SUBJECT PROPOSED CONSTRUCTION PROJECT IS WITHIN THE FLOODPLAIN \$ 197,785.00

*See attached Floodplain Calculation Fee

D. ADJACENT AND/OR AFFECTED LANDOWNERS:

1. NAME AND ADDRESS OF ALL OWNERS OF SURFACE TRACTS ADJACENT TO THE AREA OF THE SURFACE TRACT (UP & DOWN STREAM) UPON WHICH THE PROPOSED ACTIVITY WILL OCCUR AND ALL OTHER SURFACE OWNERS UP & DOWN STREAM) WHO OWN PROPERTY THAT MAY BE AFFECTED BY FLOODING AS IS DEMONSTRATED BY A FLOODPLAIN STUDY OR SURVEY (IF ONE HAS BEEN COMPLETED).

NAME: Please see attached property owner table

ADDRESS: _____

NAME: _____

ADDRESS: _____

NAME: _____

ADDRESS: _____

NAME: _____

ADDRESS: _____

1. NAME AND ADDRESS OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON ANY ADJACENT PROPERTY AT THE TIME THE FLOODPLAIN PERMIT APPLICATION IS FILED AND THE NAME AND ADDRESS OF AT LEAST ONE ADULT RESIDING IN ANY HOME ON ANY PROPERTY THAT MAY BE AFFECTED BY FLOODING AS IS DEMONSTRATED BY A FLOODPLAIN STUDY OR SURVEY.

NAME: Please see attached property owner table

ADDRESS: _____

NAME: _____

ADDRESS: _____

NAME: _____

ADDRESS: _____

NAME: _____

ADDRESS: _____

E. CONFIRMATION FORM

THE APPLICANT ACKNOWLEDGES, AGREES, AND CONFIRMS THAT HE/IT WILL PAY WITHIN 30 DAYS OF RECEIPT OF INVOICE BY THE COUNTY FOR ALL EXPENSES RELATIVE TO THE PERMIT APPLICATION PROCESS GREATER THAN THE REQUIRED DEPOSIT FOR EXPENSES INCLUDING:

- (A) PERSONAL SERVICE OF PROCESS BY THE DODDRIDGE COUNTY SHERIFF AT THE RATES PERMITTED BY LAW FOR SUCH SERVICE.
- (B) SERVICE BY CERTIFIED MAIL RETURN RECEIPT REQUESTED.
- (C) PUBLICATION.

Property Owner Table - Doddridge County

Antero Midstream LLC - Jon Davis Well Pad to Diane Davis Well Pad Project (Diane Davis Pipeline)

Property Owner Name	Mailing Address	Floodplain Crossing	Parcel ID	Deed Book Reference	Land Book Description
HOST PROPERTIES (INSIDE FLOODPLAIN)					
Davis Jonathan L	RT 1 BOX 271 WEST UNION WV 26456	Arnold Creek	1-7-1	Book 202, Page 558	ARNOLDS CREEK 245.77 AC OFF RT 11
Jonathan L. Davis & Louella D. Davis	RT 1 BOX 271 WEST UNION WV 26456	Arnold Creek	1-7-2	Book 279, Page 639	Arnolds Creek 35.21 Acres
PROPERTY OWNERS ABUTTING HOST PROPERTIES (INSIDE FLOODPLAIN)					
Smith Kelly E Jr & Maudenna L	P.O. Box 419 Accoville WV 25606	Arnold Creek	1-4-30	Book 239, Page 267	ARNOLDS CREEK 14 AC Rt 11
Davis Jonathan L & L Diane L	RT 1 BOX 271 WEST UNION WV 26456	Arnold Creek	1-4-31.1	Book 244, Page 135	7 AC ARNOLDS CREEK
Kathleen M. Brown	6 Second Street Pocomoke City MD 21851	Arnold Creek	1-4-33.1	Book 281, Page 366	Arnolds Creek 62.92 Acres (Parcel B)
Seahorn William Ponder III & Ruth Rebecca Johnson	Box 1483 Ozonza TX 76943 1483	Arnold Creek	1-7-11	Will Book 38, Page 69	Arnolds Creek 51.75 Ac Route 11
Lambert George D & Steve Mark Mongeni	12 TOWNRIDGE AC. MULLENS WV 25882	Arnold Creek	1-17-14.1	Book 270, Page 158	Arnolds Creek 20 Acres Off Rt. 11
PROPERTY OWNERS ABUTTING HOST PROPERTIES (OUTSIDE FLOODPLAIN)					
Coastal Forest Resources	P.O. Box 709 Buckhannon WV 26201	Arnold Creek	1-4-24	Book 260, Page 135	Lick Run 48 Acres Rt 11 Over 7
Smith Kelly E Jr & Maudenna L	P.O. Box 419 Accoville WV 25606	Arnold Creek	1-4-29	Book 239, Page 267	ARNOLDS CREEK 16.5 AC Rt 11
Smith Kelly E Jr & Maudenna L	P.O. Box 419 Accoville WV 25606	Arnold Creek	1-4-26	Book 266, Page 74	LICK RUN OF ARNOLDS CK 48.6 AC Rt 11 Over 7
George D. Lambert	12 TOWNRIDGE AC. MULLENS WV 25882	Arnold Creek	1-4-33	Book 288, Page 44	Arnolds Creek 37.51 Acres (Parcel A) Rt. 11
Hammett Samuel C & Sherril L	955 Bull Creek Road Waverly WV 26184	Arnold Creek	1-7-93	Book 251, Page 284	Arnolds Creek Lick Run 48.1 Acres Rt 36 Over 1
JONES JEFFREY K. SR. & CHARLENE H.	RT 1 BOX 295 WEST UNION WV 26456	Arnold Creek	1-7-7.1	Book 277, Page 100	Lick Run 77.32 Acres Rt 36 Over 1
Paugh James D & Barbara	RT 1 BOX 306 WEST UNION WV 26456	Arnold Creek	1-7-7	Book 244, Page 540	WILHELMS CREEK 5.42 AC RT 36 OVER 1
Cottrill Brent Scott & Laura Marie	RT 1 BOX 294 WEST UNION WV 26456	Arnold Creek	1-7-20	Book 284, Page 67	WILHELMS CREEK 179.68 AC RT 36 OVER 1
Miracle Charles L Et Al	20 WELLINGTON CT STE 2 PARKERSBURG WV 26104	Arnold Creek	1-7-21	AB 35, Page 257	WILHELMS CREEK 15.5 AC CENTRAL STATION RT 36 OVER 1
Lipscomb Joey D	RT 1 BOX 292B WEST UNION WV 26456	Arnold Creek	1-7-22	Book 254, Page 61	WILHELMS CREEK 19 AC OFF RT 36 OVER 1
Morris I L Et Al	P.O. BOX 397 GLENVILLE WV 26351	Arnold Creek	1-7-9	Book 248, Page 61	Wilhelms Creek 40.3 Acres Off Rt. 36
Lambert George D & Steve Mark Mongeni	12 TOWNRIDGE AC. MULLENS WV 25882	Arnold Creek	1-7-15	Book 270, Page 158	Arnolds Creek 13.25 Acres Off Rt 11

Note: Shaded property owners as shown above are located directly upstream and downstream of the host property where the proposed pipeline crosses the floodplain.

- (D) COURT REPORTING SERVICES AT ANY HEARINGS REQUESTED BY THE APPLICANT.
- (E) CONSULTANTS AND/OR HEARING EXPERTS UTILIZED BY DODDRIDGE COUNTY FLOODPLAIN ADMINISTRATOR/MANAGER OR FLOODPLAIN APPEALS BOARD FOR REVIEW OF MATERIALS AND/OR TESTIMONY REGARDING THE EFFICACY OF GRANTING OR DENYING THE APPLICANT'S FLOODPLAIN PERMIT.

NAME (PRINT): Kevin Kilstrom
 SIGNATURE: [Signature] DATE: 5/28/14

After completing SECTION 2, APPLICANT should submit form to Floodplain Administrator/Manager or his/her representative for review.

SECTION 3: FLOODPLAIN DETERMINATION (to be completed by Floodplain Administrator/Manager or his/her representative)

THE PROPOSED DEVELOPMENT:

THE PROPOSED DEVELOPMENT IS LOCATED ON:

FIRM Panel: _____
 Dated: _____

Is **NOT** located in a Specific Flood Hazard Area (Notify applicant that the application review is complete and **NO FLOODPLAIN DEVELOPMENT PERMIT IS REQUIRED**).

Is located in Special Flood Hazard Area.
 FIRM zone designation _____
 100-Year flood elevation is: _____ NGVD (MSL)

Unavailable

The proposed development is located in a floodway.
 FBFM Panel No. _____ Dated _____

See section 4 for additional instructions.

SIGNED _____

DATE _____

SECTION 4: ADDITIONAL INFORMATION REQUIRED (To be completed by Floodplain Administrator/Manager or his/her representative)

The applicant must submit the documents checked below before the application can be processed.

- A plan showing the location of all existing structures, water bodies, adjacent roads, lot dimensions and proposed development.
- Development plans, drawn to scale, and specifications, including where applicable: details for anchoring structures, storage tanks, proposed elevation of lowest floor, (including basement or crawl space), types of water resistant materials used below the first floor, details of flood proffing of utilities located below the first floor and details of enclosures below the first floor. Also _____

- Subdivision or other development plans (If the subdivision or development exceeds 50 lots or 5 acres, whichever is the lesser, the applicant must provide 100-year flood elevations if they are not otherwise available).
- Plans showing the extent of watercourse relocation and/or landform alterations.
- Top of new fill elevation _____ Ft. NGVD (MSL).
For floodproofing structures applicant must attach certification from registered engineer or architect.
- Certification from a registered engineer that the proposed activity in a regulatory floodway will not result in any increase in the height of the 100-year flood. A copy of all data and calculations supporting this finding must also be submitted.
- Manufactured homes located in a floodplain area must have a West Virginia Contractor's License and a Manufactured Home Installation License as required by the Federal Emergency Management Agency (FEMA).

Other:

SECTION 5: PERMIT DETERMINATION (To be completed by Floodplain Administrator/Manager or his/her representative)

I have determined that the proposed activity **(type is or is not)** in conformance with provisions of the Floodplain Ordinance adopted by the County Commission of Doddridge County on May 21, 2013. The permit is issued subject to the conditions attached to and made part of this permit.

SIGNED _____ DATE _____

If the Floodplain Administrator/Manager found that the above was not in conformance with the provisions of the Doddridge County Floodplain Ordinance and/or denied that application, the applicant may complete an appealing process below.

APPEALS: Appealed to the County Commission of Doddridge County? Yes No
Hearing Date: _____
County Commission Decision - Approved Yes No

CONDITIONS: _____

SECTION 6: AS-BUILT ELEVATIONS (To be submitted by APPLICANT before Certificate of Compliance is issued).

The following information must be provided for project structures. This section must be completed by a registered professional engineer or a licensed land surveyor (or attach a certification to this application).

COMPLETE 1 OR 2 BELOW:

- 1 Actual (As-Built) Elevation of the top of the lowest floor (including basement or crawl space is _____ FT. NGVD (MSL)
- 2 Actual (As Built) elevation of floodproofing is _____ FT. NGVD (MSL)

Note: Any work performed prior to submittal of the above information is at risk of the applicant.

SECTION 7: COMPLIANCE ACTION (To be completed by the Floodplain Administrator/Manager or his/her representative).

The Floodplain Administrator/Manager or his/her representative will complete this section as applicable based on inspection of the project to ensure compliance with the Doddridge County Floodplain Ordinance.

INSPECTIONS:

DATE: _____ BY: _____
DEFICIENCIES ? Y/N

COMMENTS _____

SECTION 8: CERTIFICATE OF COMPLIANCE (To be completed by Floodplain Administrator/Manager or his/her representative).

Certificate of Compliance issued: DATE: _____ BY: _____

**CERTIFICATE OF COMPLIANCE
FOR DEVELOPMENT IN SPECIAL FLOOD HAZARD AREA
(OWNER MUST RETAIN)**

PERMIT NUMBER: _____

PERMIT DATE: _____

PURPOSE –

CONSTRUCTION LOCATION: _____

OWNER'S ADDRESS: _____

**THE FOLLOWING MUST BE COMPLETED BY THE FLOODPLAIN
ADMINISTRATOR/MANAGER OR HIS/HER AGENT.**

**COMPLIANCE IS HEREBY CERTIFIED WITH THE REQUIREMENT OF THE
FLOODPLAIN ORDINANCE ADOPTED BY THE COUNTY COMMISSION OF
DODDRIDGE COUNTY ON MAY 21, 2013.**

SIGNED _____ **DATE** _____

Doddridge County Flood Plain Application Fee Calculator (if in Flood Plain)

Diane Davis Pipeline

Estimated Construction Costs	\$197,785.00
Amount over \$100,000	\$97,785.00
Drilling Oil and Gas Well Fee	\$1,000.00
\$5 per \$1,000 over \$100,000	\$488.93
Amount Due with application	\$1,488.93

BID SHEET**JON DAVIS WELL PAD TO DIANE DAVIS WELL PAD PROJECT (DIANE DAVIS PIPELINE)****ANTERO MIDSTREAM LLC****Arnold Creek Floodplain Crossing**

Item	Pipeline Size & Type	Units	Quantity	Unit Cost	Total
Open Cut (Buried) Line Install & Reclamation	16" gas line	Feet	875	\$195.00	\$170,625.00
HDD Line Through Floodplain (Excludes Road Crossing)	N/A	Feet	N/A	\$600.00	-
HDD (Road Crossing)	N/A	Feet	N/A	\$600.00	-
Bore (Road Crossing)	16" gas line	Feet	60	\$350.00	\$21,000.00
Open Cut Road Crossing	N/A	Each	N/A	\$4,000.00	-
Air Bridge Stream Crossings	16" gas line	Each	1	\$1,500.00	\$1,500.00
E&S for Stream Crossings	16" gas line	Each	1	\$160.00	\$160.00
Super Silt Fence	N/A	Feet	N/A	\$10.00	-
Stabilized Construction Entrances	16" gas line	Each	3	\$1,500.00	\$4,500.00
Total Crossing Cost					\$197,785.00



ENVIRONMENTAL SOLUTIONS & INNOVATIONS, INC.

4525 Este Avenue
Cincinnati, OH 45232
Phone: (513) 451-1777; Fax: (513) 451-3321

Pesi 539

20 May 2014

Ms. Janet Clayton
WVDNR - Wildlife Resources Section
Natural Heritage Program
Ward Road Box 67
Elkins, WV 26241

Dear Ms. Clayton:

Attached please find one bound copy of the following final report: **Freshwater Mussel (Unionidae) Surveys on Arnold Creek for the Proposed Antero Midstream LLC Jon Davis Well Pad (Diane Davis Pipeline Project) in Doddridge County, West Virginia.**

A Phase I mussel survey was conducted on Arnold Creek (Group 1) in Doddridge County following the WVMSP at corridor disturbances on 8 May 2014. The survey yielded an absence of live mussels and the presence of four weathered deadshell of three species.

No live mussels or evidence of the presence of a current mussel population were located within the Project area therefore, ESI respectfully requests concurrence from the WVDNR that construction activities associated with the proposed Project crossing on Arnold Creek are unlikely to directly impact unionid mussels.

Please feel free to contact me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Casey D. Swecker".

Casey D. Swecker
Aquatic Scientist/Project Manager
CSwecker@EnvironmentalSI.com

Enclosure

CC: Barb Douglas, USFWS
Liz Stout, USFWS

www.EnvironmentalSI.com

#14-223



May 29, 2014

Antero Resources
1615 Wynkoop Street
Denver, CO 80202
Office 303.357.7310
Fax 303.357.7315

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

Mr. Wriston:

Antero Resources Corporation (Antero) would like to submit a Doddridge County Floodplain permit application for our Diane Davis pipeline project. Our project is located in Doddridge County, Central District and as shown on FIRM Map 54017C0115C approximately .1 ac of the pipeline will be constructed in the floodplain. The proposed .48-mile steel, natural gas pipeline will be buried below the ground surface using conventional open cut construction methods. Following completion of the pipeline installation activities, the right of way will be restored to pre-construction contours and no permanent structure will be constructed; therefore, there will be no change to the base flood elevations. Please refer to the enclosed exhibits.

Attached you will find the following:

- Doddridge County Floodplain Permit Application and Required Permit Fee
- Project Description Letter – Signed and Stamped by PE
- Bid Sheet
- WV Flood Tool Map
- FIRM Map

If you have any questions please feel free to contact me at (303) 357-6412.

Thank you in advance.

Sincerely,

Shaye Marshall
Permit Representative
Antero Resources Corporation

Enclosures

FILED
 2014 MAY 30 PM 1:25
 COUNTY CLERK
 DODDRIDGE COUNTY, WV



Kleinfelder, Inc.
230 Executive Drive, Suite 122
Cranberry Township, PA 16066

May 22, 2014

Mr. Bo Wriston
Floodplain Coordinator
Doddridge County Commission
118 East Court Street
West Union, WV 26456

Re: Doddridge County Floodplain Development Permit Application
Jon Davis Well Pad to Diane Davis Well Pad Project (Diane Davis Pipeline)
Doddridge County, West Virginia
Antero Midstream LLC

Dear Mr. Wriston:

Antero Midstream LLC (Antero) is proposing to install a 0.48-mile, 16-inch diameter steel, natural gas pipeline near the town of West Union in Doddridge County, West Virginia. The northern terminus of the proposed pipeline (39.304030°, -80.823370°) will tie into the Diane Davis Well Pad. The southern terminus of the proposed pipeline (39.299570°, -80.829659°) will tie into the Jon Davis Well Pad. The Jon Davis Well Pad to Diane Davis Well Pad Project (Diane Davis Pipeline) will be buried below the ground surface using conventional open cut pipeline construction methods. The proposed pipeline project will utilize existing access roads: Two (2) access roads were previously delineated and permitted as part of the Diane Davis Well Pad and Jon Davis Well Pad Projects. A third existing access road is located near the Arnold Creek stream crossing and connects to County Route 1/1 which was delineated as part of the Diane Davis Pipeline Project. Sections of the proposed project will cross a designated Federal Emergency Management Administration regulated flood zone within Doddridge County according to FIRM Map #54017C0115C.

Directions to the Site: From West Union, WV: Head south on Neely Avenue toward W Main Street. Turn left onto W. Main Street. Turn right onto WV-18 S. Turn right onto US-50 W and continue for 2.6 miles. Turn right onto Arnolds Creek Road/Central Station Road/County Route 1/1/Right Fork Run Road. Continue to follow County Route 1/1 for 2.1 miles. Make a sharp right onto Arnolds Creek Road/Sam Cavins Road and the northern terminus of the pipeline will be on your right.

Mainline Pipeline Installations

- A. Clearing – During clearing operations, all brush and trees will be felled into the construction work area to prevent off-construction work area damage to trees and structures. All cleared brush will be stacked to the side of the right-of-way, chipped or burned. Timber will be stacked or hauled away based on landowner requests. Stumps will be buried, ground or chipped in place.
- B. Grading – Grading will be kept to the minimum amount necessary and includes installation of erosion control devices (ECDs) such as interceptor diversions, filter devices and equipment crossings of streams to minimize soil loss and eliminate sedimentation risks. Topsoil will be stripped, segregated and stockpiled in agland areas along the edge of right-of-way.

- C. Trenching – Typically, the trench will not remain open for more than 30 days in any one area. Temporary breakers are installed to reduce water velocity and erosion of the trench bottom. When the trench must remain open longer, appropriate erosion controls will be employed.
- D. Laying Pipe – The pipeline will be strung on the right-of-way, bent to fit the ditch, welded, coated and lowered into the ditch in an assembly line method of construction.
- E. Backfill – Once the pipe is installed in the trench, it will be backfilled with the stored spoil. No waste material will be placed in the trench. Trench line barriers will be placed in the trench spaced according to existing ground slope to prevent water movement and subsequent erosion.
- F. Final Grading, Restoration and Stabilization – Final grading will be completed after backfilling the trench. The right-of-way will be restored to pre-construction contours. Final erosion control devices will be installed during final grading. Restoration will begin after final grading, weather permitting. Fertilizer and lime will be disked into the soil to prepare a seedbed. Seeding and mulching will promptly follow seedbed preparation. Quantities and seed mixes will be applied per the established specifications for the project.
- G. Crews and Equipment – Construction crews and equipment to be utilized on the project will consist of approximately the following:
 - a. One to three environmental crews, separate crews for clearing, foreign utility locating, grading, ditching, stringing and bending the pipe, welding, coating, lowering in, backfilling, tying in and cleanup.
 - b. Major equipment to be used would consist of approximately 12 track dozers, 15 track backhoes, 12 track pipe layers and various rubber tire vehicles.

**Stream and Wetland Crossings
(Natural Gas Line Construction in Arnold Creek Floodplain)**

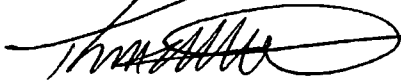
- A. The main objective of any water body crossing is to construct the pipeline in a manner which minimizes erosion and subsequent sedimentation into the water body. When water levels are temporarily high, the crossings will be postponed until water levels subside. Minor and intermediate water bodies will be crossed either utilizing the dry-ditch flume pipe method or dam and pump-around techniques, as directed by the associated permit. Major water bodies will have a site-specific crossing method such as a Horizontal Directional Drill. Equipment bridges (mat bridges) will be installed over water bodies and wetlands. Sediment filter devices for trench spoil will be installed prior to commencing trenching activities. The pipeline will normally be installed within a 48 hour window. Water body bottoms will be returned as near as practical to their original contours upon completion of installation. Restoration will follow directly behind and stream banks will be restored to original contours. The main objective of any wetland crossing is to construct the pipeline and restore the original contour of the wetland. For wetland crossings without standing water, normal construction techniques will be used. The right-of-way can be used for access thru the wetland. Wetland crossings with standing water will be constructed as separate construction entities, such that trenching, installation, backfilling and restoration are completed in the minimum number of days necessary. The push-pull or float technique of pipe installation will be utilized. The current base flood elevation at the proposed stream crossing is a maximum of approximately 780 feet. Following pipeline installation, the right-of-way will be restored to pre-construction contours and no permanent structures will be constructed; therefore, there will be no change to the base flood elevations.

**Conventional Road Bores
(Arnold Creek Road)**

- A. Roads (for all projects) that are permitted to be bored will be completed using the standard jack and bore procedure. Bore pits will be excavated on both sides of the roadway or stream and shored as necessary. All ECDs will be installed prior to beginning the bore and maintained throughout completion. Upon completion of the bore, the pipeline will be tied together on both ends and the pits backfilled. Restoration will be completed along with the associated mainline pipeline cleanup. The current base flood elevation at the proposed stream crossing is a maximum of approximately 780 feet. Following the completion of pipeline installation activities, the right-of-way will be restored to pre-construction contours and no permanent structures will be constructed; therefore, there will be no change to the base flood elevation.

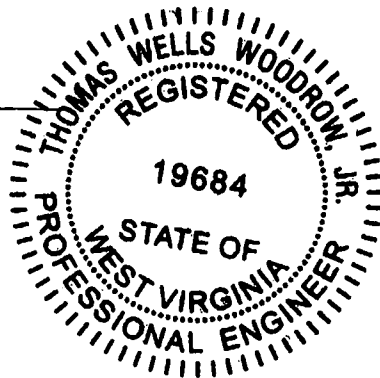
We appreciate your timely review of these materials. Please contact me at (724) 831-5129 with any questions or concerns.

Respectfully submitted,
Kleinfelder, Inc.



Thomas Woodrow, PE
Senior Project Manager

Attachments





View

Layers

Search

Tools

Public Expert Risk MAP

Flood Reference Basemap

Input your address



Zoom To

Diane Davis Pipeline

Northern Terminus:
80.823370 W,
39.304030N

Southern Terminus:
80.829659 W,
39.299570 N

Flood Hazard Area: Selected site is NOT WITHIN any identified flood hazard area. Unmapped flood hazard areas may be present [more info](#)

Watershed (HUC8): Little Musringum-Middle Island (503

FEMA Issued Flood Map: 54017C0115C

Contacts: Doddridge County

CRS Information: N/A

Location (long, lat): (80.829662 W, 39.299570 N)

Location (UTM 17N): (514687, 4350035)

Elevation (Ground): About 1136 feet

Parcel Information: No parcel data [Disclaimer](#)

Scale - 1:9,028
x: 80.826028, y: 39.308241
400 m
000 ft

@ESRI, Street Map





Edwin Wriston <doddridgecountyfpm@gmail.com>

Diane Davis Pipeline permits

2 messages

Emily Kijowski <ekijowski@anteroresources.com>

Fri, Jul 25, 2014 at 1:36 PM

To: "doddridgecountyfpm@gmail.com" <doddridgecountyfpm@gmail.com>, "blslater.4774@yahoo.com" <blslater.4774@yahoo.com>

Cc: Ashlie Mihalcin <amihalcin@anteroresources.com>

Hi Bo,

I have attached all the necessary permits for the Diane Davis Pipeline project, including ones I sent previously, for your convenience. Please let me know if you need anything else to approve the project.

Thank you,

Emily Kijowski

Flood Plain Permitting







Antero Resources Corporation

1615 Wynkoop Street

Denver, CO 80202

Office: (303)-357-7232

8 attachments

-  **2014-06-04 Diane Davis PL_WVDNR Clearance.pdf**
53K
-  **2014-06-10 Diane Davis PL_WVDCH Clearance Letter.pdf**
1163K
-  **2014-06-10_Diane Davis PL_WVDNR Mussel Clearance.pdf**
125K
-  **2014-06-17 Diane Davis PL_SWPPP Approval_WVR310305.pdf**
147K
-  **2014-06-23 Diane Davis PL_ROE Permit_Matting and Pallets.pdf**
510K
-  **2014-06-23 Diane Davis PL_ROE Permit_Pipeline.pdf**
907K

 **2014-06-30 Diane Davis PL_USFWS Clearance.pdf**
598K

 **2014-07-11 Diane Davis PL_NWP Verification.pdf**
263K

Edwin Wriston <doddridgecountyfpm@gmail.com>
To: Emily Kijowski <ekijowski@anteroresources.com>
Cc: "blslater.4774@yahoo.com" <blslater.4774@yahoo.com>, Ashlie Mihalcin
<amihalcin@anteroresources.com>

Tue, Jul 29, 2014 at 4:16 PM

Emily,

I am out of the office this week attending class so I cannot get you a full permit printed and laminated, however, please accept this email as notification of approval for the referenced project, effective immediately.

Once I am back in the office I will print off all the attached to be included with your file and issue a full permit.

Should you have any further questions, please do not hesitate to contact me at your convenience.

Respectfully,

[Quoted text hidden]

--

Edwin L. "Bo" Wriston, Floodplain Manager
Doddridge County Commission
118 East Court Street
West Union, WV 26456
Work Phone: 1-304-873-2631
Mobile Phone: 1-304-629-3735
Fax: 1-304-873-1840
doddridgecountyfpm@gmail.com
www.doddridgecounty.wv.gov

--

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



DIVISION OF NATURAL RESOURCES
Wildlife Resources Section
Operations Center
P.O. Box 67
Elkins, West Virginia 26241-3235
Telephone (304) 637-0245
Fax (304) 637-0250

Earl Ray Tomblin
Governor

Frank Jezioro
Director

June 4, 2014

Mr. Brett F. Fletcher
Antero Resources
1625 17th Street, Suite 300
Denver, CO 80202

Dear Mr. Fletcher:

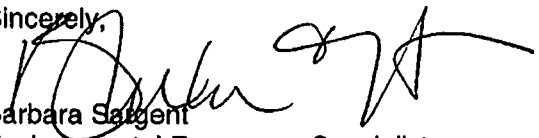
We have reviewed our files for information on rare, threatened and endangered (RTE) species and sensitive habitats for the area of the proposed Jon Davis Well Pad to Diane Davis Well (Diane Davis Pipeline) project in Doddridge County, WV.

We have no known records of any RTE species or sensitive habitats within the project area. The Wildlife Resources Section knows of no surveys that have been conducted in the area for rare species or rare species habitat. Consequently, this response is based on information currently available and should not be considered a comprehensive survey of the area under review.

The information provided above is the product of a database search and retrieval. This information does not satisfy other consultation or permitting requirements for disturbances to the natural resources of the state, and further consultation may be required.

Thank you for your inquiry, and should you have any questions please feel free to contact me at the above number, extension 2048. Enclosed please find an invoice.

Sincerely,


Barbara Sargent
Environmental Resources Specialist
Wildlife Diversity Unit

enclosure

cc: Heather Krepsik - Kleinfelder

S:\Monthly\Barb\Invoices\Antero4.doc



June 10, 2014

The Culture Center
1900 Kanawha Blvd., E.
Charleston, WV 25305-0300

Randall Reid-Smith, Commissioner

Phone 304.558.0220 • www.wvculture.org
Fax 304.558.2779 • TDD 304.558.3562

EEO/AA Employer

Mr. Luke Erickson
Archaeology Project Manager/Principal Investigator
Environment & Archaeology
221 Main Street
Florence, KY 41042

RE: Jon Davis Well Pad to Diane Davis Well Pad (Diane Davis Pipeline)
FR#: 14-746-DO

Dear Mr. Erickson:

We have reviewed the abbreviated Phase I archaeological survey report that was submitted for the above referenced project. As required by Section 106 of the National Historic Preservation Act, as amended, and its implementing regulations, 36 CFR 800: "Protection of Historic Properties," we submit our comments.

According to the submitted information, Antero Midstream, LLC proposes to construct a new natural gas pipeline on landforms located along Arnold Creek in Doddridge County, WV. According to the report, systematic survey was conducted within the Area of Potential Effect (APE), which consists of terrain in the Limits of Disturbance within 100 feet of the margins of US Army Corps of Engineers jurisdictional waters. A single jurisdictional area was investigated during the survey via pedestrian reconnaissance and shovel probe excavation. No archaeological resources were discovered. In our opinion, no historic properties are present within the APE. We concur that no further cultural resource work is necessary within the APE. However, if intact cultural resources, including cemeteries, are encountered while the pipeline is being constructed, please cease all activity in the area of discovery and contact this office immediately.

We appreciate the opportunity to be of service. *If you have questions regarding our comments or the Section 106 process, please contact Lora A Lamarre-DeMott, Senior Archaeologist, at (304) 558-0240.*

Sincerely,

Susan M. Pierce
Deputy State Historic Preservation Officer

SMP/LLD

Matthew Albright

From: Casey Swecker <CSwecker@environmentalsi.com>
Sent: Tuesday, June 10, 2014 9:10 AM
To: Matthew Albright
Subject: Fwd: Antero John Davis Well Pad, Diane Davis Pipeline Project

Sent from my iPhone

Begin forwarded message:

From: "Clayton, Janet L" <Janet.L.Clayton@wv.gov>
Date: June 10, 2014 at 8:55:49 AM EDT
To: Casey Swecker <CSwecker@environmentalsi.com>, "Brooks, Carrie T" <Carrie.T.Brooks@wv.gov>
Cc: "Brown, Clifford L" <Clifford.L.Brown@wv.gov>, "Anderson, Roger J" <Roger.J.Anderson@wv.gov>, "Morrison, Scott F" <Scott.F.Morrison@wv.gov>
Subject: Antero John Davis Well Pad, Diane Davis Pipeline Project

Casey,

I have received and reviewed the mussel survey report for the above project on Arnold Creek. No further mussel issues need to be addressed with respect to this project.

Janet L. Clayton
Wildlife Diversity Biologist
Mussel Program Leader
WV Division of Natural Resources
Wildlife Resources Section
PO Box 67
Elkins, WV 26241
voice 304-637-0245
cell 304-389-8526 (only used when I am on the road or in the field so if leaving message should leave on office phone as well)
fax 304-637-0250

Heather Krepsik

From: Patricia Kazimier <pkazimier@anteroresources.com>
Sent: Thursday, July 24, 2014 3:11 PM
To: Thomas Woodrow
Subject: FW: Approval for WVR310305, Diane Davis Pipeline, Doddridge Co., 6.32 Acres

Please see below.

Patricia Kazimier



Environmental Scientist and Regulatory Specialist

Antero Resources

***1615 Wynkoop Street**

Denver, CO 80202

Direct: (303) 357-6763

Cell: (630) 217-9948

*Please note new address

From: DEP NPDESEP [<mailto:DEP.NPDESEP@wv.gov>]
Sent: Tuesday, June 17, 2014 12:55 PM
To: DEP NPDESEP; Luz Slauter
Cc: twilfong@kemron.com; Hodge, Timothy W; Swiger, Bradley C; Minigh, Christina D
Subject: Approval for WVR310305, Diane Davis Pipeline, Doddridge Co., 6.32 Acres

Luz Slauter, Env. Supvr.
Antero Midstream LLC
1615 Wynkoop St.
Denver, CO 80202

Physical Site Location: 1/1 (Arnold Creek Road), West Union

Please be advised that this e-mail constitutes approval for your project associated with Oil and Gas Construction Activities and your registration no. is WVR310305. 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 \$500.00. 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



DIVISION OF NATURAL RESOURCES

324 Fourth Avenue, Room 200
South Charleston WV 25303-1228

TDD (304) 558-1439

TDD 1-800-354-6087

Fax (304) 558-6048

Telephone (304) 558-3225

Earl Ray Tomblin
Governor

Frank Jezioro
Director

June 23, 2014

Division of Natural Resources
RIGHT OF ENTRY

Re: **LS-14-VI/09-734**

Antero Midstream LLC,
Brett Fletcher
c/o Kleinfelder East, Inc.
Attention: Heather Krepsik
230 Executive Drive, Suite 122
Cranberry Township, PA 16066-

Dear Mr. Fletcher:

The Division of Natural Resources hereby grants to you for a period of ten (10) years from the date hereof, a Right of Entry to install, use and maintain a pallet and matting crossing (Diane Davis Pipeline Project) at two (2) separate locations along Arnold Creek near Pennsboro in Doddridge County, West Virginia.

This Right of Entry is subject to the following terms and conditions:

1. No in stream work during the fish-spawning season (April 1-June 30).
2. Work should be completed as quickly as possible during low flows in designated work areas only.
3. Any streambed disturbance should be restricted to the immediate area. In stream use of equipment should be kept to a minimum.
4. All shore areas disturbed by this operation must be reshaped, seeded and mulched immediately upon completion of work. The prompt establishment of vegetative cover will reduce future damage from high water levels.
5. Green concrete must not be put in the stream (highly toxic to aquatic life).
6. Guidance should be obtained from NRCS (formerly SCS) and a registered engineer for the design and construction. Must allow for passage of at least ten-year flood flow.

Antero Midstream LLC
LS-14-VI/09-734
Page 2
June 23, 2014

7. Best management practices should be followed; measures such as hay bales must be used to reduce downstream siltation.
8. Applicant is responsible for removing debris from in and around the installation periodically to prevent stream flow obstruction.
9. Durable head walls of logs, cross-ties, rock, or concrete shall be constructed at both the upstream and downstream ends of crossing to prevent erosion of fill material into the stream.
10. The State's issuance of this Right-of-Entry does not provide for the applicant to work outside the requested boundaries nor does the State assume any liability for the applicant's/landowner's construction activities. By accepting this Right-of-Entry, the applicant/landowner assumes liability for any/all damages caused by this activity to both upstream and downstream landowners.

Guidelines of Best Management Practices for Sediment and Erosion Control as outlined by the Section of Water Resources, Division of Environmental Protection must be followed. Copies of those guidelines are available from the Section of Water Resources, Telephone No. (304) 926-0440.

The issuance of this Right of Entry by the Division of Natural Resources does not preclude the necessity for you to obtain a permit from the U.S. Corps of Engineers District Office, Permit Section, or any other state or federal permits which may be required by law, nor does this Right of Entry negate the need to comply with the West Virginia Water Pollution Control Act and/or the State Environmental Quality Board's administrative regulations, applicant is also responsible for determining if the proposed activity is located within an identified flood plain and it is the applicant's responsibility for contacting the local governmental agency in charge of that program and obtaining a flood plain development permit for it. This Right of Entry does not grant any rights or privileges, or permission to enter upon or to cross the property of any other person, nor is permission granted to remove any material that lies upon the property of any other persons. Work should be completed in as brief a period as possible and within one year from the date of this letter. In the event you fail or refuse to comply with any of the terms or conditions herein, this Right of Entry will be canceled and considered null and void and the Division will reject further applications.

Your payment in the amount of \$200.00 is now due and payable to the Division of Natural Resources covering the first year's annual fee of this agreement. You must notify the Division in writing with this installation has been removed. Your agreement will be effective upon receipt of your payment in full.

Sincerely,


Joe T. Scarberry, Supervisor
Office of Land and Streams

JTS:cb
pc: DNR Fish Biologist
Mr. Mike Zeto, Environmental Enforcement
DNR Conservation Officers



DIVISION OF NATURAL RESOURCES

324 Fourth Avenue, Room 200
South Charleston WV 25303-1228
TDD (304) 558-1439
TDD 1-800-354-6087
Fax (304) 558-6048
Telephone (304) 558-3225

Earl Ray Tomblin
Governor

Frank Jezioro
Director

June 23, 2014

Division of Natural Resources
LICENSE AND RIGHT OF ENTRY

Re: P-14-VI/09-735

Antero Midstream LLC,
Brett Fletcher
c/o Kleinfelder East, Inc.
Attention: Heather Krepsik
230 Executive Drive, Suite 122
Cranberry Township, PA 16066-

Dear Mr. Fletcher:

The Division of Natural Resources hereby grants to you for a term of 10 years, from the date hereof, a License and Right of Entry to construct, replace, cover, repair, operate, maintain, use and remove a sixteen inch (16") steel pipeline (Diane Davis Pipeline Project) along Arnold Creek, Central District, Doddridge County, West Virginia, as shown located and highlighted in red on the map attached hereto as Exhibit A.

This License and Right of Entry is subject to the following terms and conditions:

High Quality Streams (HQS) as listed in the West Virginia Division of Natural Resources High Quality Stream Sixth Edition published in 2001 and for any trout streams and direct tributaries of trout streams:

- Directional boring is the only method permitted during the fish spawning season. Fish spawning season for warmwater streams runs from April 1st through June 30th. Trout spawning season runs from October 1st through April 30th.
- Other dry ditch methods (pump around, flume or cofferdam) as described in WVDEP water resources manual (published 2006) on page 3.21-4 may be used outside of spawning seasons.
- Each crossing that utilizes dry ditch methods must be completed in 2 consecutive work days.

Non-high quality stream:

- Directional boring or other dry ditch methods (pump around, flume or cofferdam) as described in WVDEP water resources manual (published 2006) on page 3.21-4 may be used at all times during fish spawning season from April 1st through June 30th. This eliminates the need for spawning season restrictions.
- Crossings using methods other than directional boring. Must be completed in 1 work day.
- Only ephemeral/intermittent streams that are dry can be trenched.

Antero Midstream LLC
P-14-VI/09-735
Page 2
June 23, 2014

Bank Stabilization

All bank stabilization projects must begin immediately upon completion of utility line crossing and be completed within 24 hours of completion of utility line crossing.

Freshwater Mussels

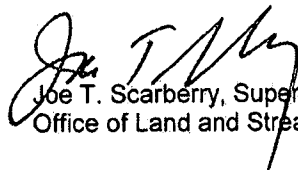
Mussel surveys on streams with known US Fish and Wildlife listed or candidate endangered species will be required if directional boring is not an option. Contact Janet Clayton of the WVDNR Wildlife Diversity Program for information concerning mussels at 304-637-0245.

For further assistance, contact the appropriate WVDNR District Fisheries Biologist.
District 1 304-825-6787 District 2 304-822-3551 District 3 304-924-6211
District 4 304-256-6947 District 5 304-675-0871 District 6 304-420-4550

The issuance of this License and Right of Entry by the Division of Natural Resources does not preclude the necessity to obtain a permit from the Corps of Engineers or any other state or federal permits which may be required by law, nor does this License and Right of Entry negate the need to comply with the West Virginia Water Pollution Control Act and/or the State Environmental Quality Board's administrative regulations, applicant is also responsible for determining if the proposed activity is located within an identified flood plain and it is the applicant's responsibility for contacting the local governmental agency in charge of that program and obtaining a flood plain development permit for it. This License and Right of Entry does not grant any rights or privileges, or permission to enter upon or to cross the property of any other person, nor is permission granted to remove any material that lies upon the property of any other persons. Work should be completed in as brief a period as possible and within one year from the date of this letter. In the event you fail or refuse to comply with any of the terms or conditions herein, this License and Right of Entry will be canceled and considered null and void and the Division will reject further applications.

Your check in the amount of \$225.00 is now due and payable to the Division of Natural Resources covering the (10) ten-year fee of this agreement. Your agreement will be effective upon receipt of your payment in full.

Sincerely,


Joe T. Scarberry, Supervisor
Office of Land and Streams

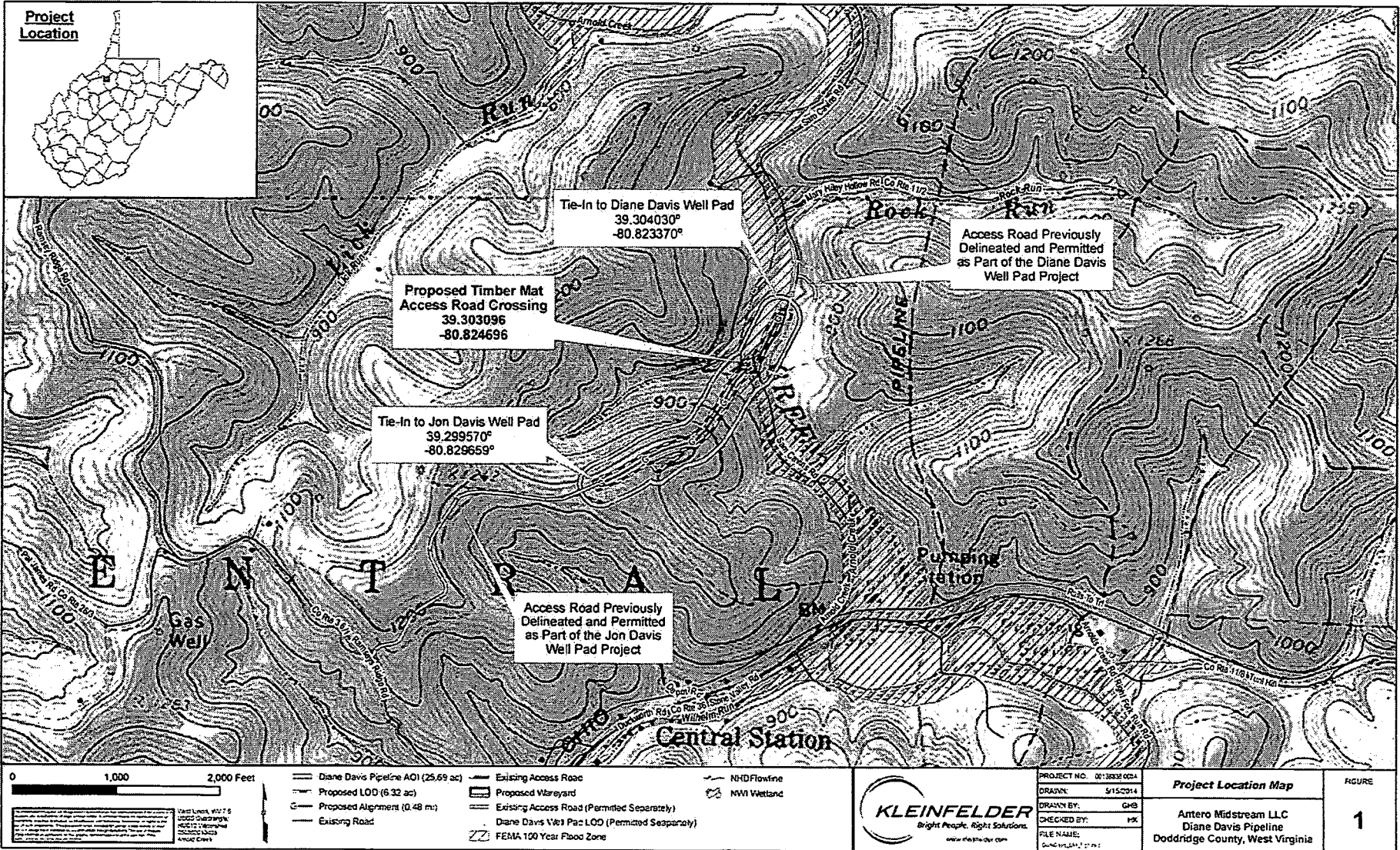
JTS:cb

attachment

pc: DNR Fish Biologist
Mr. Mike Zeto, Environmental Enforcement
DNR Conservation Officers

Exhibit A

P-14-VI/09-735





DEPARTMENT OF THE ARMY
HUNTINGTON DISTRICT, CORPS OF ENGINEERS
502 EIGHTH STREET
HUNTINGTON, WEST VIRGINIA 25701-2070

REPLY TO
ATTENTION OF

July 11, 2014

Regulatory Division
Energy Resource Branch
2014-00511-OHR-Arnold Creek

Mr. Brett Fletcher
Antero Midstream LLC
1615 Wynkoop Street
Denver, Colorado 80202

Dear Mr. Fletcher:

I refer to the Pre-Construction Notification (PCN) received in this office on June 2, 2014, requesting authorization to temporarily discharge dredged and/or fill material into waters of the United States (U.S.) for the Jon Davis Well Pad to Diane Davis Well Pad (Diane Davis Pipeline) Pipeline Project. The proposed Diane Davis Pipeline Project will include the construction of approximately 0.48 mile of a 16-inch diameter, steel natural gas pipeline. Arnold Creek is a direct tributary of Middle Island Creek, a traditional navigable water (TNW) of the U.S. The proposed project will be located near West Union, in Doddridge County, West Virginia. The northern terminus of the pipeline project is located at 39.304030°North, 80.823370°West and the southern terminus of the pipeline project is located 39.299570°North, 80.829659°West. The PCN has been assigned the following file number: LRH-2014-00511-OHR-Arnold Creek. Please reference this number on all future correspondence related to this project.

The U.S. Army Corps of Engineers (Corps) authority to regulate waters of the U.S. is based on the definitions and limits of jurisdiction contained in 33 CFR 328 and 33 CFR 329. Section 404 of the Clean Water Act (Section 404) requires a Department of the Army (DA) permit be obtained prior to discharging dredged or fill material into waters of the United States, including wetlands. Section 10 of the Rivers and Harbors Act of 1899 (Section 10) requires a DA permit be obtained for any work in, on, over or under a navigable water.

Based on a review of the aquatic resources in the PCN, one (1) stream (Arnold Creek), totaling 71 linear feet (lf), is located within the Preliminary Jurisdictional Determination (JD) boundary, as described in the enclosed Table 1. The on-site aquatic resource may be a water of the U.S. in accordance with the Regulatory Guidance Letter for JDs issued by the Corps on June 26, 2008 (Regulatory Guidance Letter No. 08-02). As indicated in the guidance, this Preliminary JD is non-binding and cannot be appealed (33 CFR 331.2) and only provides a written indication that waters of the United States may be present on-site.

You have declined to exercise the option to obtain an approved JD in this instance and at this time. However, for the purposes of the determination of impacts, compensatory mitigation,

and other resource protection measures for activities that require authorization from this office, the stream referenced above will be evaluated as if they are waters of the U.S.

Enclosed please find two (2) copies of the PJD form. If you agree with the findings of this PJD and understand your options regarding the same, please sign and date one copy of the PJD form and return it to this office within 30 days of receipt of this letter. You should submit the signed copy via email to Audrey.M.Richter@usace.army.mil or to the following address:

U.S. Army Corps of Engineers
Huntington District, Regulatory Division
Attn: Audrey Richter (LRH-2014-00511)
502 Eighth Street
Huntington, West Virginia 25701.

The proposed project, as described in the submitted information, has been reviewed in accordance with Section 404 and Section 10. Based on your description of the proposed work, and other information available to us, it has been determined that this project will not involve activities subject to the requirements of Section 10. However, this project will include the discharge of dredged or fill material into waters of the U.S. subject to the requirements of Section 404.

In the PCN received in this office on June 2, 2014, you have requested DA authorization to temporarily discharge dredged and/or fill material into 35 lf (0.004 acre) of stream, at one (1) single and complete permit area associated with the Diane Davis Pipeline Project. The proposed discharge of dredged and/or fill material into waters of the U.S. is described in Table 1 below. The information submitted indicates the streams temporarily affected by the pipeline installation will be restored to pre-construction conditions upon completion of the project.

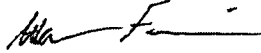
Based on your description of the proposed work, and other information available to us, it has been determined the proposed discharge of dredged and/or fill material into waters of the U.S., as described on Table 1 enclosed with this letter, for the construction of the Diane Davis Pipeline Project meets the criteria for authorization under Nationwide Permit (NWP) #12 (enclosed) under the February 21, 2012 Federal Register, Notice of Reissuance of NWPs (77 FR 10184) provided you comply with all terms and conditions of the enclosed material. The West Virginia Department of Environmental Protection has issued 401 Water Quality Certification for this NWP. Please note that you must comply with all applicable terms and conditions of the enclosed material and for the authorizations to be valid. A copy of this NWP can be found on our website at <http://www.lrh.usace.army.mil/Missions/Regulatory.aspx>.

In view of the above, your utility line activities project is authorized subject to the terms and conditions of the enclosed material, including **the enclosed special conditions**. It is your responsibility to ensure that your work conforms to all of the environmental management conditions listed within the enclosed material. Please be aware this NWP verification does not obviate the requirement to obtain any state or local assent required by law for the activities.

A copy of this NWP and verification letter must be supplied to your project engineer responsible for construction activities. A copy of the verification letter must be kept at the site during construction. Upon completion of the work, the enclosed certification must be signed and

returned to this office. If you have any questions concerning the above, please contact Audrey Richter at (304) 399-5257 or by email at Aurey.M.Richter@usace.army.mil.

Sincerely,



Adam Fannin
Regulatory Project Manager
Energy Resource Branch

Enclosures

CF: (w/out encls)

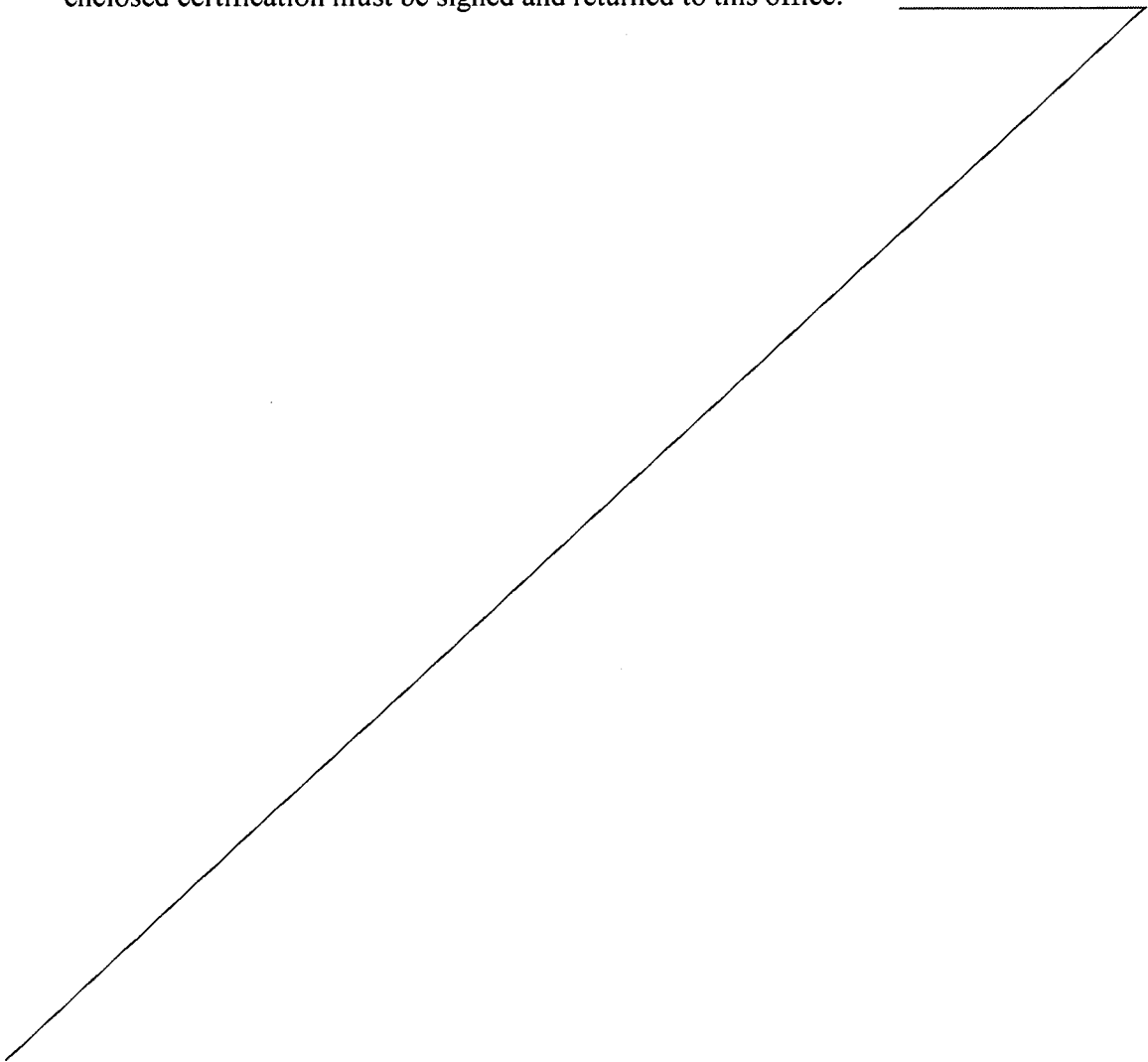
Carrie Traver
USEPA Region 3
Office of Environmental Programs
1650 Arch Street - 3EA30
Philadelphia, PA 19103
215-814-2772
traver.carrie@epa.gov

**Table 1- Authorized discharge of dredged and/or fill material into waters of the U.S. associated with the construction of the Antero Midstream LLC- Diane Davis Pipeline Project.
LRH-2014-00511-OHR- Arnold Creek**

Site number	Latitude & Longitude		Flow Regime	Length (lf) of Aquatic Resource in AOI	Length (lf) of Temporary Fill	Area (ac) of Temporary Fill	Other Pertinent Information
Stream ASE-1 (Arnold Creek)	39.302619	-80.824583	Perennial	71	35	0.004	Temporary Pipeline Crossing

Nationwide Permit 12 Verification Special Conditions
Antero Midstream LLC
Diane Davis Pipeline Project
LRH-2014-00511-OHR- Arnold Creek

1. Section 7 obligations under Endangered Species Act must be reconsidered if new information reveals impacts of the project that may affect federally listed species or critical habitat in a manner not previously considered, the proposed project is subsequently modified to include activities which were not considered during Section 7 consultation with the United States Fish and Wildlife Service, or new species are listed or critical habitat designated that might be affected by the subject project.
2. Upon completion of the activity authorized by this nationwide permit verification, the enclosed certification must be signed and returned to this office.





Edwin Wriston <doddridgecountyfpm@gmail.com>

project status

1 message

Emily Kijowski <ekijowski@anteroresources.com>

Mon, Jul 14, 2014 at 4:29 PM

To: "doddridgecountyfpm@gmail.com" <doddridgecountyfpm@gmail.com>

Cc: "blslater.4774@yahoo.com" <blslater.4774@yahoo.com>, Ashlie Mihalcin <amihalcin@anteroresources.com>

Hi Bo,

I wanted to follow up with you about the status of the three projects we have in the floodplain.

North Canton Connector-we are waiting on the following permits:

Army Core of Engineers, and

WV Division of Highways.

Diane Davis Pipeline- we are waiting on one last permit from WV Division of Highways.

Arnold's Creek Withdrawal-we have received all necessary permits:

Water Management Plan, and

WV Division of Natural Resources Office of Land and Streams.

I have attached all permits we have received back, I will send the last remaining few as we obtain them. Please let me know if you need anything else to sign off on our FP permits.

Thank you,

Emily Kijowski

Flood Plain Permitting

Antero Resources Corporation

1615 Wynkoop Street

Denver, CO 80202

From: DEP NPDESEP
To: DEP NPDESEP; Luz Slauter
Cc: twilfong@kemron.com; Hodge, Timothy W.; Swiger, Bradley C; Minigh, Christina D
Subject: Approval for WVR310305, Diane Davis Pipeline, Doddridge Co., 6.32 Acres
Date: Tuesday, June 17, 2014 12:56:01 PM

Luz Slauter, Env. Supvr.
Antero Midstream LLC
1615 Wynkoop St.
Denver, CO 80202

Physical Site Location: 1/1 (Arnold Creek Road), West Union

Please be advised that this e-mail constitutes approval for your project associated with Oil and Gas Construction Activities and your registration no. is WVR310305. 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 \$500.00. 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



May 20, 2014

Sent via FedEx (Tracking #7700 3363 1301)

United States Fish and Wildlife Service
West Virginia Field Office
694 Beverly Pike
Elkins, West Virginia 26241

RECEIVED

MAY 21 2014

WVFO

0569

Re: Threatened and Endangered Species Consultation
Jon Davis Well Pad to Diane Davis Well Pad (Diane Davis Pipeline) Project
Doddridge County, West Virginia
Antero Midstream LLC

To Whom It May Concern:

Kleinfelder Inc. (Kleinfelder) is submitting this consultation on behalf of Antero Midstream LLC (Antero) for the Jon Davis Well Pad to Diane Davis Well Pad (Diane Davis Pipeline) Project. Please address any questions or comments regarding this consultation to:

Brett F. Fletcher
Senior Environmental Scientist & Regulatory Manager
Antero Midstream LLC
1615 Wynkoop Street
Denver, CO 80202



United States Department of the Interior

FISH AND WILDLIFE SERVICE

West Virginia Field Office
694 Beverly Pike
Elkins, West Virginia 26241



In response to your letter above, we have made a "no effect" determination that the project will not affect federally-listed endangered or threatened species. Therefore no biological assessment or further section 7 consultation under the Endangered Species Act is required with the Fish and Wildlife Service. Should project plans change, or if additional information on listed and proposed species becomes available, this determination may be reconsidered.

Definitive determinations of the presence of waters of the United States, including wetlands, in the project area and the need for permits, if any, are made by the U.S. Army Corps of Engineers. They may be contacted at: Huntington District, Regulatory Branch, 502 Eighth Street, Huntington, West Virginia 25701, telephone (304) 399-5710.

E. J. [Signature] 6/25/14
Reviewer's signature and date

[Signature] 6/30/14
Field Supervisor's signature and date

STATE OF WEST VIRGINIA,
COUNTY OF DODDRIDGE, TO WIT

I, Virginia Nicholson, Editor of THE
HERALD RECORD, a weekly newspaper
published regularly, in Doddridge County,
West Virginia, Do Hereby Certify
That the Accompanying Legal Notice
Entitled:

Floodplain Permit
14-223

was published in said paper for ... *2*

successive weeks beginning with the issue
of ... *June 10th* ... 2014 and

ending with the issue of
... *June 17th* ... 2014 and

that said notice contains ... *189*

WORD SPACE at ... *115* ... cents a word

amounts to the sum of \$... *21.73*

FOR FIRST PUBLICATION, SECOND
PUBLICATION IS 75% OF THE FIRST
PUBLICATION

\$... *14.29*

and each publication thereafter
\$... *38.02*

EDITOR
Virginia Nicholson

SWORN TO AND SUBSCRIBED
BEFORE ME THIS THE ... *19th* ... DAY
OF ... *June* ... 2014

NOTARY PUBLIC
Laura J. Adams

LEGAL ADVERTISEMENT:
Doddridge County

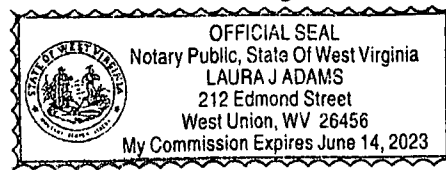
Floodplain Permit Application

Please take notice that on the 3rd day of June, 2014
ANTERO RESOURCES CORPORATION #14-223 filed
an application for a Floodplain Permit to develop land
located at or about: SURFACE OWNERS: JONATHAN
L. DAVIS & LOUELLA D. DAVIS CENTRAL
DISTRICT/TAX MAP 1-7-1/1-7-2/ARNOLDS CREEK
ROAD/SAM/CAVINS ROAD

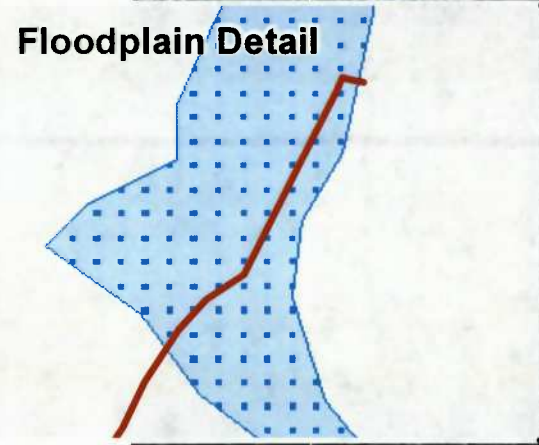
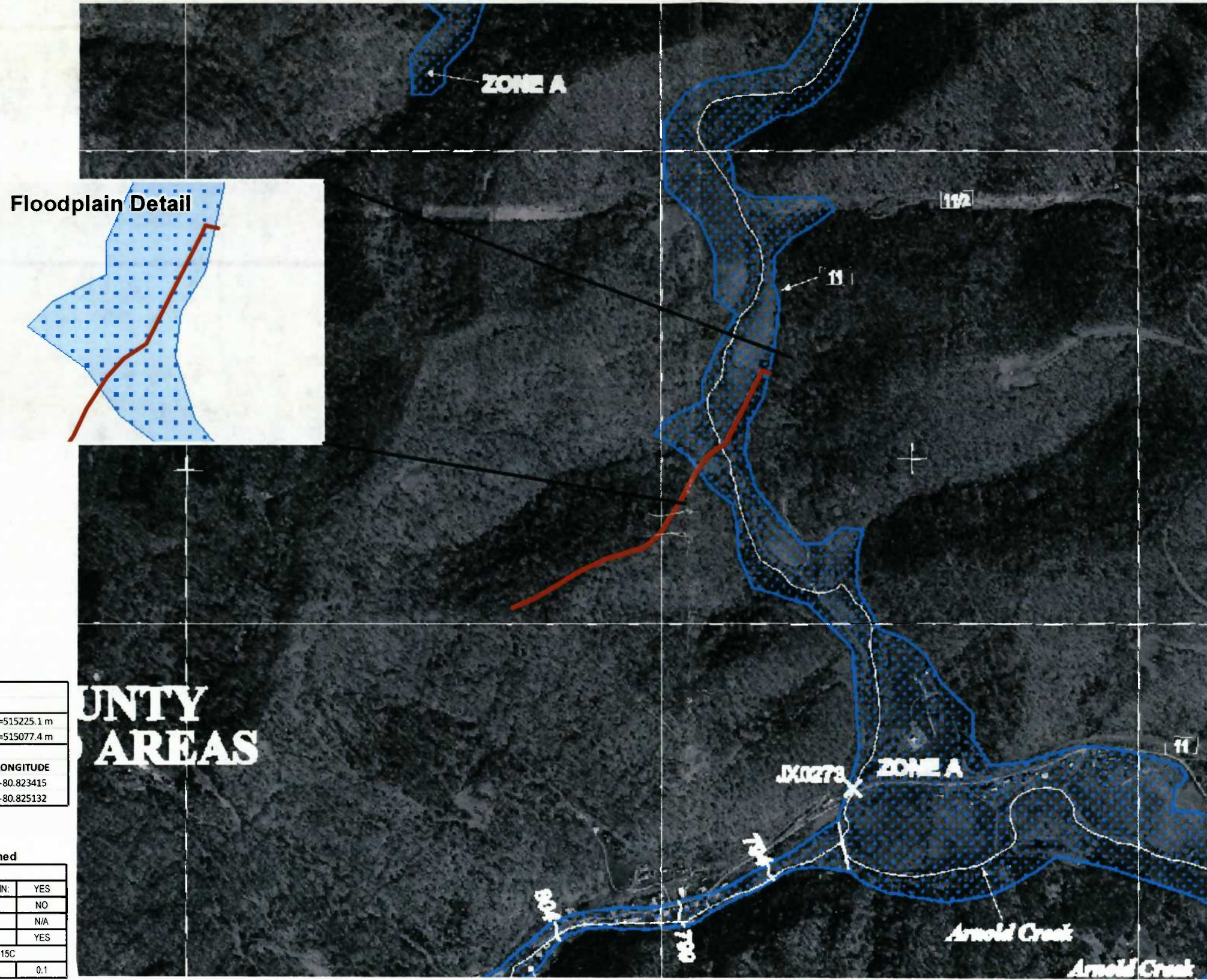
The Application is on file with the Clerk of the County
Court and may be inspected or copied during regular
business hours. Any interested persons who desire to
comment shall present the same in writing by June 23,
2014.

Delivered to the:
Clerk of the County Court
118 E. Court Street, West Union, WV 26456
Beth A. Rogers, Doddridge County Clerk
Edwin L. "Bo" Wriston, Doddridge County Flood Plain
Manager

6-10-2xb



**DIANE DAVIS PIPELINE
FEMA FIRM 54017C0115C
ANTERO MIDSTREAM LLC**



SITE LOCATIONS		
NAD83		
Eastern Terminus (UTM Meters)	N=4350531.8 m	E=515225.1 m
Western Terminus (UTM Meters)	N=4350325.5 m	E=515077.4 m

	LATITUDE	LONGITUDE
Eastern Terminus	39.304038	-80.823415
Western Terminus	39.302182	-80.825132

Doddridge District
Doddridge County, WV
Little Musringum-Middle Island Watershed

FLOODPLAIN CONDITIONS	
DO SITE CONSTRUCTION ACTIVITIES TAKE PLACE IN FLOODPLAIN:	YES
PERMIT NEEDED FROM COUNTY FLOODPLAIN COORDINATOR:	NO
HEC-RAS STUDY COMPLETED:	N/A
FLOODPLAIN SHOWN ON DRAWINGS:	YES
FIRM MAP NUMBER(S) FOR SITE:	54017C0115C
ACREAGE OF CONSTRUCTION IN FLOODPLAIN:	0.1



Legend
— Diane Davis Pipeline (0.48 mi)
 FEMA Floodplain (FEMA/WV 2013)

The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Kleinfelder makes no representation or warranty, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. This document is not intended for use as a land survey product nor is it designed or intended as a construction design document. The use or misuse of the information contained on this graphic representation is at the sole risk of the user.

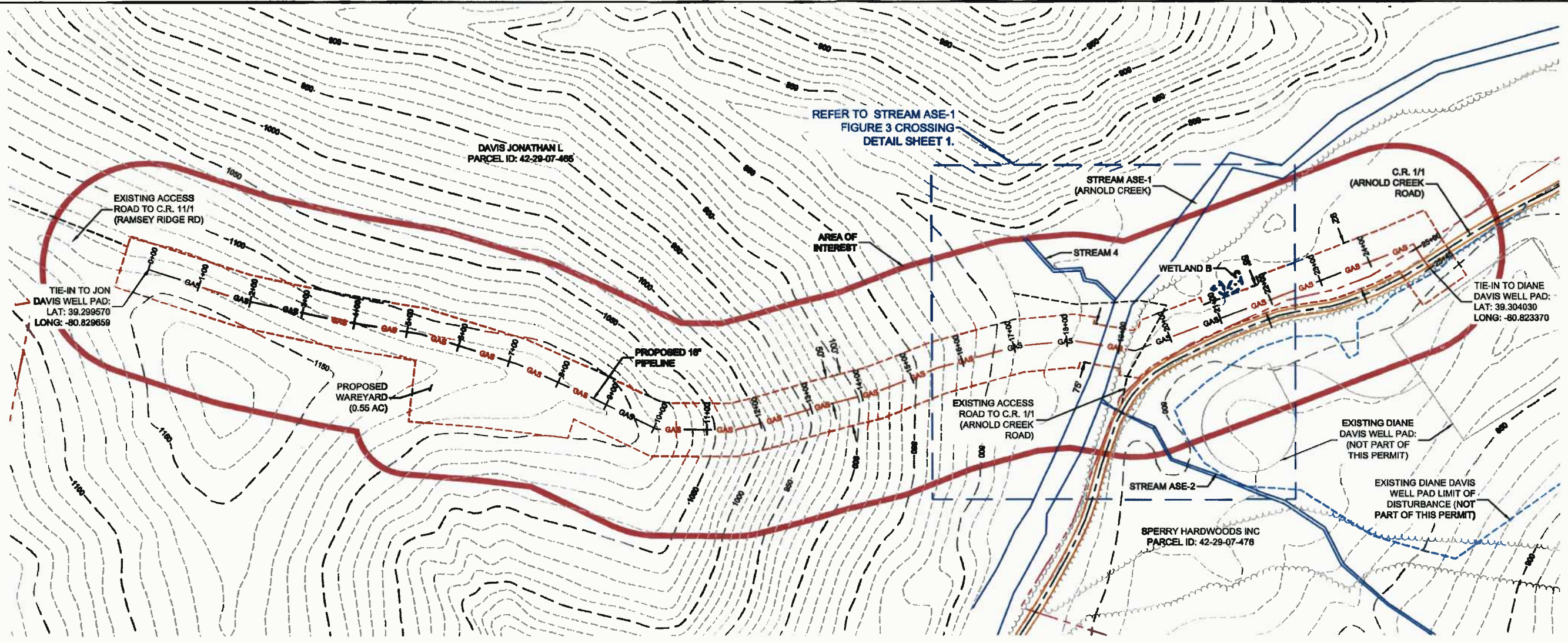


PROJECT NO.	00138836.000A
DRAWN:	5/20/2014
DRAWN BY:	GHB
CHECKED BY:	MA
FILE NAME:	DianeDavis_FEMA_Crossing.mxd

Flood Insurance Rate Map
Diane Davis Pipeline
Antero Midstream LLC
Doddridge County, WV

FIGURE
1

ATTACHED IMAGES: 30xat, Chudera, TB, XPR, Diane Davis, Bess, XPR, Diane Davis, Survey, XPR, Diane Davis, Property, Line, XPR, Diane Davis, Utility, ATACHED IMAGES: 30xat, Chudera, TB, XPR, Diane Davis, Bess, XPR, Diane Davis, Survey, XPR, Diane Davis, Property, Line, XPR, Diane Davis, Utility, LAYOUT: 2, NWP-12 PLAN



****NOTICE TO CONTRACTOR****
**** WARNING ** WARNING ** WARNING ****
 UNDERGROUND OR OVERHEAD UTILITIES MAY BE PRESENT AT ROAD CROSSING. CONTRACTOR SHALL FIELD VERIFY UTILITIES PRIOR TO START OF CONSTRUCTION AND SHALL USE CAUTION WHEN USING MACHINERY IN THESE AREAS.

- LEGEND**
- EXISTING INDEX CONTOUR (50')
 - EXISTING INTERMEDIATE CONTOUR (10')
 - EXISTING ACCESS ROAD
 - EXISTING DIRT ROAD
 - EXISTING PAVED ROAD
 - EXISTING TREE LINE
 - EXISTING PROPERTY LINE
 - EXISTING FENCE
 - EXISTING PIPELINE
 - EXISTING PIPELINE ROW
 - EXISTING WELL PAD LIMITS OF DISTURBANCE
 - EXISTING WELL PAD
 - EXISTING ELECTRICAL LINE
 - EXISTING TELEPHONE LINE
 - PROPOSED RIGHT OF WAY/LIMITS OF DISTURBANCE
 - PROPOSED PIPELINE
 - PROPOSED ACCESS ROAD
 - DELINEATED STREAM
 - DELINEATED WETLAND AREA
 - AREA OF INTEREST

THOMAS WELLS WOODROW JR.
 REGISTERED
 1968
 STATE OF WEST VIRGINIA
 PROFESSIONAL ENGINEER
 SEAL



NO.	REVISION	BY	DATE

KLEINFELDER
 Bright People. Right Solutions.
 230 EXECUTIVE DRIVE, SUITE 122
 CRANBERRY TOWNSHIP, PA 16808
 PH. 724-772-7072 FAX. 724-772-7079
 www.kleinfelder.com
 ACAD FILE: Diane Davis_Plan.dwg
 PROJ. NO. 138635
 WEST VIRGINIA
 DODDRIDGE COUNTY

DESIGNED BY: MDI
MODIFIED BY: -
CHECKED BY: JBC
DATE: 05-20-2014
SCALE:
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS
FIGURE 4
2
2 of 2 sheets

PLOTTED: 20 May 2014, 12:11pm. Why

