

**Doddridge County Sheriff
Flood Plain Ordinance Fund**

1070
69-217/515

DATE January 7, 2014

PAY TO THE ORDER OF THE HERALD RECORD

\$ 120.86

One Hundred Twenty Dollars and 86/100

DOLLARS

Security features included. Details on back.



MEMO
Inv# 3017/#3018/#3023/#3024/#3031/#3032
#13-101/#13-102/#13-105/#13-104/#13-089/#13-107

Ralph Sandover Jr.
Boyd Rogers
Sheriff

⑈001070⑈ ⑆051502175⑆ 11964999⑈

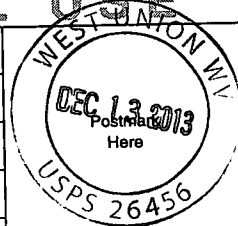
7011 0470 0000 8523 2952

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

OFFICIAL USE

Postage	\$.46
Certified Fee	3.10
Return Receipt Fee (Endorsement Required)	2.55
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.11



#13-102

Sent To Robert L. & Jacqu Britton
Street, Apt. No.; or PO Box No. Rt 1, Box 553
City, State, ZIP+4 Greenwood, WV 26415

PS Form 3800, August 2006 See Reverse for Instructions

7011 0470 0000 8523 2945

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

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

OFFICIAL USE

Postage	\$.46
Certified Fee	3.10
Return Receipt Fee (Endorsement Required)	2.55
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.11



#13-102

Sent To Ike IL Morris
Street, Apt. No.; or PO Box No. P.O. Box 397
City, State, ZIP+4 Glenville WV 26351

PS Form 3800, August 2006 See Reverse for Instructions

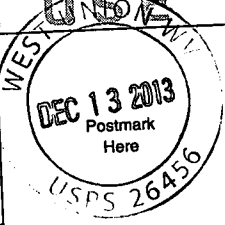
7011 0470 0000 8523 2938

**U.S. Postal Service™
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OFFICIAL USE

Postage	\$.46
Certified Fee	3.10
Return Receipt Fee (Endorsement Required)	2.55
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.11



#13-102

Sent To Stanley Webb ET AL
Street, Apt. No.; or PO Box No. Rt 1, Box 206 A
City, State, ZIP+4 West Union, WV 26456

PS Form 3800, August 2006 See Reverse for Instructions

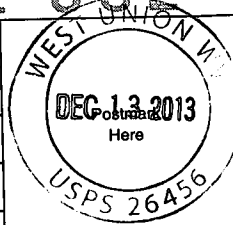
7011 0470 0000 8523 2921

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

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

OFFICIAL USE

Postage	\$.46
Certified Fee	3.10
Return Receipt Fee (Endorsement Required)	2.55
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.11



#13-102

Sent To James E. Harris
Street, Apt. No.; or PO Box No. Rt. 1, Box 208 A
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.

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
 Addressee
 B. Received by (Printed Name) Robert L Britton
 C. Date of Delivery 12/16/13
 D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

1. Article Addressed to: #13-102

Robert L & Jacqu Britton
 Rt. 1, Box 553
 Greenwood, Wv 26415

BETH A. ROGERS
 COUNTY CLERK
 DODDRIDGE COUNTY, WV

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Transfer from service label) 7011 0470 0000 8523 2952

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

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.

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
 Addressee
 B. Received by (Printed Name) Stanley Webb
 C. Date of Delivery 12-16-13
 D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

1. Article Addressed to: #13-102

Stanley Webb ET AL
 Rt. 1, Box 206 A
 West Union, WV 26456

BETH A. ROGERS
 COUNTY CLERK
 DODDRIDGE COUNTY, WV

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Transfer from service label) 7011 0470 0000 8523 2938

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

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.

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
 Addressee
 B. Received by (Printed Name) Ike IL Morris
 C. Date of Delivery 12-16-13
 D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

1. Article Addressed to: #13-102

Ike IL Morris
 P.O. Box 397
 Glenville WV 26351

BETH A. ROGERS
 COUNTY CLERK
 DODDRIDGE COUNTY, WV

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Transfer from service label) 7011 0470 0000 8523 2945

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

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: #13-102

James E. Harris
Rt 1, Box 208 A
West Union, WV 26456

2. Article Number

(Transfer from service label)

7011 0470 0000 8523 2921

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X 

Agent

Addressee

B. Received by (Printed Name)

C. Date of Delivery

12-17-13

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

3. Service Type

Certified Mail

Express Mail

Registered

Return Receipt for Merchandise

Insured Mail

C.O.D.

4. Restricted Delivery? (Extra Fee)

Yes

UNITED STATES POSTAL SERVICE



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

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

Dan Wellings
Doddrige Co Flood Plain MG
Room 102
118 E Court St
West Union, WV 26456

BETH A. ROGERS
COUNTY CLERK
DODDRIDGE COUNTY, WV

2013 DEC 18 AM 11:10

FILED



PERMIT NO. 13-102

DODDRIDGE COUNTY
FLOODPLAIN DEVELOPMENT
PERMIT

PURPOSE FOR PERMIT: PIPELINE

ISSUED TO ANTERO RESOURCES
1625 17TH STREET

ADDRESS: DENVER, CO. 80202

PROJECT ADDRESS: CABIN RUN

ISSUED BY: Dan Williams

DATE: 01/03/2014

CONSTRUCTION MUST START WITHIN 180 DAYS FROM ISSUED DATE. PERMIT EXPIRES IN 12 MONTHS FROM ISSUED DATE. IF EXTENTION IS NEEDED A REQUEST MUST BE MADE IN WRITING STATING A REASON FOR THE EXTENTION.

THIS PERMIT MUST BE POSTED ON THE PREMISES IN A CONSPICUOUS PLACE SO AS TO BE CLEARLY VISIBLE FROM THE STREET.

#13-102

DODDRIDGE COUNTY FLOODPLAIN DEVELOPMENT PERMIT APPLICATION

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 W. Neilly

DATE 12/6/13

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 - Ward McNeilly

ADDRESS: 1625 17th Street, Denver, CO 80202

TELEPHONE NUMBER: Contact Shauna DeMattee 303-357-6820

BUILDER'S NAME: Antero Resources Corporation

ADDRESS: 1625 17th Street, Denver, CO 80202

TELEPHONE NUMBER: (303) 357-7310

ENGINEER'S NAME: 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 Exhibit A

ADDRESS OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT) Please see attached Exhibit A

DISTRICT: Clay and Doddridge Districts

DATE/FROM WHOM PROPERTY

PURCHASED:

LAND BOOK DESCRIPTION: Please see attached Exhibit A

DEED BOOK REFERENCE: Please see attached Exhibit A

TAX MAP REFERENCE: Please see attached Exhibit A

EXISTING BUILDINGS/USES OF PROPERTY: N/A

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

- | | | | |
|--------------------------|-------------------------|--------------------------|----------------------------------|
| X | 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 X 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 \$ 44,000.00

*Please see enclosed Floodplain Application fee calculator

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 Exhibit A _____
 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: _____
 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.

- (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): Ward McNeilly, VP of Engineering

SIGNATURE: *W. McNeilly* DATE: 12/6/13

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: 200 + 225
 Dated: 10/04/2011

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 A
 100-Year flood elevation is: 752 NGVD ~~(MSL)~~

Unavailable

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

See section 4 for additional instructions.

SIGNED Dan Holley

DATE 01/03/2014

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.

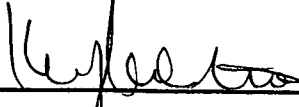
- A plan showing the location of all existing structures, water bodies, adjacent roads, lot dimensions and proposed development.
- Development plans, drawn to scale, and specifications, including where applicable: details for anchoring structures, storage tanks, proposed elevation of lowest floor, (including 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).

DODDRIDGE COUNTY FLOODPLAIN DEVELOPMENT PERMIT APPLICATION

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 meet 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.**

FILED
 21 DEC 17 PM 3:07
 BETH A. REIGERS
 COUNTY CLERK
 DODDRIDGE COUNTY, WY

APPLICANT'S SIGNATURE 

DATE 12/16/13

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 - Kevin Kilstrom

ADDRESS: 1625 17th Street, Denver, CO 80202

TELEPHONE NUMBER: Contact Shauna DeMattee 303-357-6820

BUILDER'S NAME: Antero Resources Corporation

ADDRESS: 1625 17th Street, Denver, CO 80202

TELEPHONE NUMBER: (303) 357-7310

ENGINEER'S NAME: 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) Ike I L Morris

ADDRESS OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT) PO Box 397, Glenville WV, 26351

DISTRICT: Clay and Doddridge Districts

DATE/FROM WHOM PROPERTY

PURCHASED:

LAND BOOK DESCRIPTION: 259.50 AC

DEED BOOK REFERENCE: 230-307

TAX MAP REFERENCE: 1-11-8

EXISTING BUILDINGS/USES OF PROPERTY: N/A

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:

- | | | | | | | | |
|--------------------------|--|--------------------------|--------|--------------------------|----------|-------------------------------------|---------------------|
| <input type="checkbox"/> | Fill | <input type="checkbox"/> | Mining | <input type="checkbox"/> | Drilling | <input checked="" type="checkbox"/> | Pipelining |
| <input type="checkbox"/> | Grading | | | | | | *Gas and Water Line |
| <input type="checkbox"/> | Excavation (except for STRUCTURAL DEVELOPMENT checked above) | | | | | | |
| <input type="checkbox"/> | Watercourse Alteration (including dredging and channel modification) | | | | | | |
| <input type="checkbox"/> | Drainage Improvements (including culvert work) | | | | | | |
| <input type="checkbox"/> | Road, Street, or Bridge Construction | | | | | | |
| <input type="checkbox"/> | Subdivision (including new expansion) | | | | | | |
| <input type="checkbox"/> | Individual Water or Sewer System | | | | | | |
| <input type="checkbox"/> | Other (please specify) | | | | | | |
-

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 \$ 86,000.00

*Please see enclosed Bid Sheet

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 Exhibit A _____
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: _____
ADDRESS: _____

NAME: _____
ADDRESS: _____

NAME: _____
ADDRESS: _____

NAME: _____
ADDRESS: _____

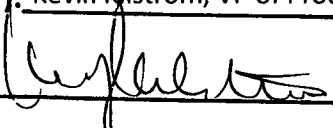
E. CONFIRMATION FORM

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.

- (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, VP of Production

SIGNATURE:  DATE: 12/16/13

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: 200 + 225
 Dated: 10/04/2011

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 A
 100-Year flood elevation is: 752 NGVD ~~(MSL)~~

Unavailable

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

See section 4 for additional instructions.

SIGNED Dan Wellington

DATE 01/03/2014

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** _____

13-102



Antero Resources
1625 17th Street
Denver, Colorado 80202
Office 303.357.7310
Fax 303.357.7315

FILED

DEC 17 PM 3:07

**BETH A. ROGERS
COUNTY CLERK
DODDRIDGE COUNTY, WV**

December 16, 2013

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

Mr. Wellings:

Antero Resources Corporation (Antero) is proposing to modify our Doddridge County Floodplain permit application for the Primm West Pipeline project. This project will now include a waterline which will run parallel to the gas pipeline. Our project is located in Doddridge County, Clay and Doddridge Districts and as shown on FIRM maps #54017C0200C and #54017C0225C, a portion of both pipelines cross the floodplain. Per the enclosed project description, there will be no change to the base flood elevation following pipeline installation.

Attached you will find the following:

- Doddridge County Floodplain Permit Application and revised check for \$500.00 per your request
- Primm West Pipeline Project Description
- FIRM Map

If you have any questions please feel free to contact me at (303) 357-6820.

Thank you in advance for your consideration.

Sincerely,

Shauna DeMattee
Permit Representative
Antero Resources Corporation

Enclosures

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** _____



Primm Well Pad to Langford Well Pad (Primm West Pipeline)

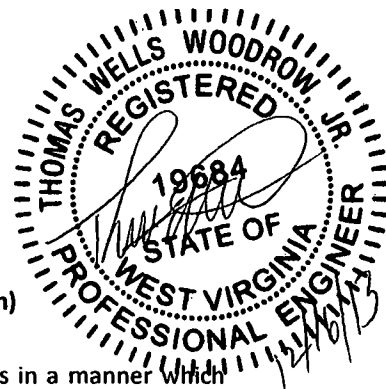
Doddridge and Ritchie Counties, West Virginia

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. Open trench duration of streams and wetlands will be kept to a minimum. 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.

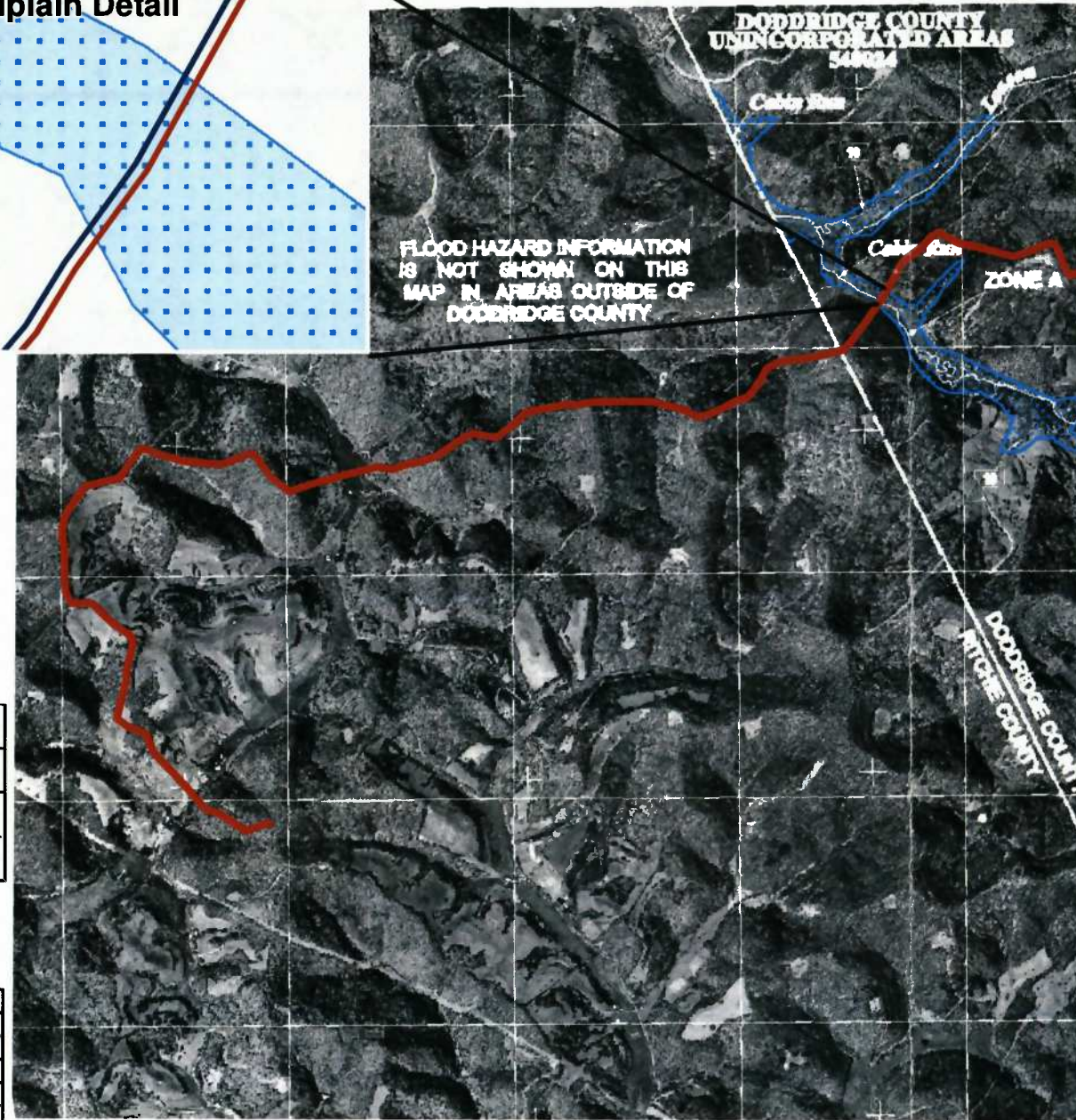
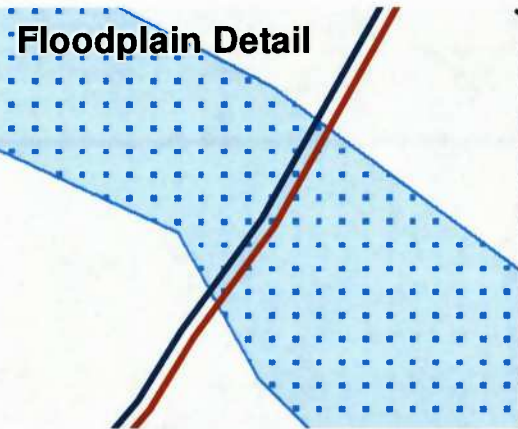


Stream and Wetland Crossings
(Natural Gas Line & Water Line Construction in Cabin Run Floodplain)



- A. The main objective of any water body crossing is to construct the pipelines 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 minor water bodies and wetlands. Sediment filter devices for trench spoil will be installed prior to commencing trenching activities. The pipelines 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 crossings is a maximum of approximately 752 feet. Following pipeline installations, 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.

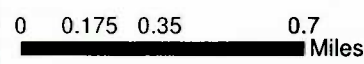
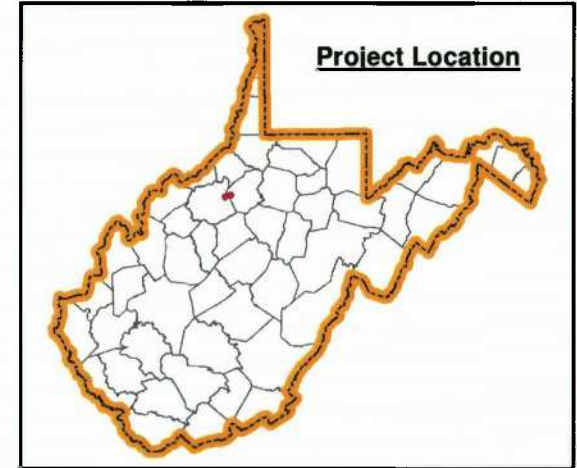
**PRIMM WEST PIPELINE
FEMA FIRM 54017C0200C & 54017C0225C
ANTERO RESOURCES CORPORATION**



SITE LOCATIONS NAD83		
Eastern Terminus (UTM Meters)	N=480181.2 m	E=82921.7 m
Western Terminus (UTM Meters)	N=480141.4 m	E=28258.3 m
LATITUDE LONGITUDE		
Eastern Terminus	39.238614	-80.887939
Western Terminus	39.238029	-80.888416

Clay & Doddridge Districts
Doddridge & Ritchie Counties, WV
Cabin Run-North Fork Hughes River Watershed &
Bunnell Run-North Fork Hughes River 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:	54017C0200C & 54017C0225C
PERCENTAGE OF CONSTRUCTION IN FLOODPLAIN:	0.049



Legend

- Primm West Gas Line (6.33 mi)
- Primm West Water Line (6.33 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 representations or warranties, 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 reliance of the information contained on this graphic representation is at the sole risk of the user using or relying on the information.

Base Map:
ESRI Online Map



PROJECT NO.	135432
DRAWN:	12/13/2013
DRAWN BY:	GHB
CHECKED BY:	MA
FILE NAME:	PrimmWestEMA_Crossing.mxd

Flood Insurance Rate Map

**Primm West Pipeline
Antero Resources Corporation
Doddridge and Ritchie Counties, WV**

FIGURE
1



ANTERO RESOURCES CORPORATION
1625 17th STREET, SUITE 300
DENVER, COLORADO 80202

Vendor Name	Vendor No.	Date	Check Number	Check Total
DODDRIDGE COUNTY COMMISSION	43312	Dec-16-2013	44713	\$500.00

VOUCHER	VENDOR INV #	INV DATE	TOTAL AMOUNT	PRIOR PMTS & DISCOUNTS	NET AMOUNT
12-AP-6810	ESTWATERLINE	12/16/13	500.00	0.00	500.00
	Primm West Waterline Floodplain Permit				
	TOTAL INVOICES PAID				500.00

#13-102
Antero - Primm West Pipeline/water line

By: BH - MEH - AML
Asst. Chief Tax Deputy

Michael Headley
Sheriff of Doddridge County

The Person paying Money into the Treasury shall forthwith file one of these Receipts with the County Clerk

Doddridge County, West Virginia

No. 1143

Date: December 20, 2013
Customer copy

Received: #13-102 Antero - primm west pipeline/waterline

\$500.00

In Payment For: 318 Building Permits (LP)

For: 12-Flood Plain Ordinance #20 Fund

By: BH - MEH - AML
Asst. Chief Tax Deputy

Michael Headley
Sheriff of Doddridge County



ANTERO RESOURCES CORPORATION
 1625 17th STREET, SUITE 300
 DENVER, COLORADO 80202

Vendor Name	Vendor No.	Date	Check Number	Check Total
DODDRIDGE COUNTY COMMISSION	43312	Dec-06-2013	44237	\$720.00

VOUCHER	VENDOR INV #	INV DATE	TOTAL AMOUNT	PRIOR PMTS & DISCOUNTS	NET AMOUNT
12-AP-2636	TGASPIPELINE	12/06/13	720.00	0.00	720.00
FLOOD PLAIN PERMIT: Primm West Gas Pipeline					
TOTAL INVOICES PAID					720.00

Returned 12/20/2013
 Pd to much for this project.
 New Check received 12/17/13.

DETACH AND RETAIN FOR TAX PURPOSES

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



ANTERO RESOURCES CORPORATION
 1625 17th STREET, SUITE 300
 DENVER, COLORADO 80202

WELLS FARGO
 DENVER, CO

Check No. **44237**

11-24
 1210

400 - AP ACCT WELLS FARGO

VOID AFTER 180 DAYS

CHECK NUMBER	DATE	PAY EXACTLY
44237	Dec-06-2013	\$720.00

PAY EXACTLY **\$720dols00cts**
 SEVEN HUNDRED TWENTY DOLLARS AND NO CENTS

TO THE ORDER OF

DODDRIDGE COUNTY COMMISSION
 BETH A ROGERS, CLERK
 118 EAST COURT STREET
 ROOM 102
 WEST UNION, WV 26456

[Handwritten Signature]

**ANTERO RESOURCES CORPORATION
PRIMM WEST PIPELINE**

Pipeline	Length of Line Pipeline (feet)	Construction in Floodplain (Y/N)	Installation Method	Unit Cost/Foot	Total
20" gas line	220	Yes	Open Cut	\$ 200	\$ 44,000
Total Construction Cost Estimate =					\$ 44,000

**ANTERO RESOURCES CORPORATION
PRIMM WEST PIPELINE**

Pipeline	Length of Line Pipeline (feet)	Construction in Floodplain (Y/N)	Installation Method	Unit Cost/Foot	Total
20" gas line	220	Yes	Open Cut	\$ 200	\$ 44,000
24' water line	210	Yes	Open Cut	\$ 200	\$ 42,000
Total Construction Cost Estimate =					\$ 86,000

\$ 500.00
TOTAL
BOTH LINES

Doddridge County Flood Plain Application Fee Calculator (if in Flood Plain)	
Primm West Pipeline Project	
Estimated Construction Costs	\$44,000.00
Amount over \$100,000	-\$56,000.00
Drilling Oil and Gas Well Fee	\$1,000.00
\$5 per \$1,000 over \$100,000	-\$280.00
Amount Due with application	\$720.00

500.00

Property Owner Name	Mailing Address	Tax Map	Deed Book Reference	Land Book Description
HOST PROPERTIES				
IKE I L MORRIS	PO BOX 397, GLENVILLE WV 26351	1-11-8	230-307	259.50 AC
PROPERTY OWNERS ABUTTING HOST PROPERTIES INSIDE FLOODPLAIN				
WM P & SHARON DE BRITTON	RT 1 BOX 203, WEST UNION WV 26456	1-14-3.1	255-108	5.03 AC
JAMES E LIFE HARRIS <i>sent</i>	RT 1 BOX 208 A, WEST UNION WV 26456	1-15-3	221-17	84.49 AC
WM P & SHARON DE BRITTON	RT 1 BOX 203, WEST UNION WV 26456	1-14-3	0149-0033	13.63 AC
WM P & SHARON DE BRITTON	RT 1 BOX 203, WEST UNION WV 26456	1-15-1	0149-0033	27.17 AC
STANLEY WEBB ET AL <i>sent</i>	RT 1 BOX 206 A, WEST UNION WV 26456	1-15-2	192-342	59.18 AC
WM P & SHARON DE BRITTON	RT 1 BOX 203, WEST UNION WV 26456	1.15-1.1	0149-0033	242.02 AC
ROBERT L & JACQU BRITTON <i>sent</i>	RT 1 BOX 553, GREENWOOD WV 26415	1-11-11	239-347	83 AC
HEARTWOOD FORESLAND FUN	3001 EMERSON AVE, Parkersburg, WV 26104	1-11-6.0	253-671	73.92 AC
DONALD W. & BON WHITEHAIR	RT 1 BOX 557, Greenwood WV 26415	1-11-9.3	219-565	2.14 AC
ROBERT L. & JACQU BRITTON	RT 1 BOX 553, GREENWOOD WV 26415	1-11-9.0	202-523	42.03 AC
JACK D. MACKAY & ANITA G. PEALE	JACK: RT 1 BOX 206-2 WEST UNION WV 26456 ANITA: 105 COLECHESTER LANE PALM COAST FL 32137	3-37-3.3	280/972	18 AC
IKE I L MORRIS <i>sent</i>	PO BOX 397, GLENVILLE WV 26351	3-37-1	255/718	73.45 AC

#13-102

FILED

2013 DEC -9 PM 1:30

BETH A. ROGERS
COUNTY CLERK
DODDRIDGE COUNTY, WV



Antero Resources
1625 17th Street
Denver, Colorado 80202
Office 303.357.7310
Fax 303.357.7315

December 6, 2013

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

Mr. Wellings:

Antero Resources Corporation (Antero) would like to submit a Doddridge County Floodplain permit application for the Primm West Gas Pipeline project. Our project is located in Doddridge County, Clay and Doddridge Districts and as shown on FIRM maps #54017C0200C and #54017C0225C, a portion of this pipeline crosses the floodplain. Per the enclosed project description, there will be no change to the base flood elevation following pipeline installation.

Attached you will find the following:

- Doddridge County Floodplain Permit Application and required permit fees
- Primm West Pipeline Project Description
- FIRM Map

If you have any questions please feel free to contact me at (303) 357-6820.

Thank you in advance for your consideration.

Sincerely,

Shauna DeMattee
Permit Representative
Antero Resources Corporation

Enclosures

EXHIBIT A

Primm West Pipeline

Property Owner Name	Mailing Address	Tax Map	Deed Book Reference	Land Book Description
HOST PROPERTIES				
JAMES E LIFE HARRIS	RT 1 BOX 208 A, WEST UNION WV 26456	1-15-3	221-17	84.49 AC
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IKE I L MORRIS	PO BOX 397, GLENVILLE WV 26351	1-11-8	230-307	259.50 AC
ROBERT L & JACQU BRITTON	RT 1 BOX 553, GREENWOOD WV 26415	1-11-11	239-347	83 AC
PROPERTY OWNERS ABUTTING HOST PROPERTIES INSIDE FLOODPLAIN				
WM P & SHARON DE BRITTON	RT 1 BOX 203, WEST UNION WV 26456	1-14-3.1	255-108	5.03 AC
JOHN J. & KIMBERLY MAXWELL	358 COLOGNE PORT, EGG HARBOR CITY, NJ 08215	1-15-6.2	274-566	13 AC
BETTY J. WHITEHAIR	RT 1 BOX 211, West Union WV 26456	1-15-11.0	AP 25-134	24.28 AC
BRIAN M. WEBB	RT 1 BOX 207, West Union WV 26456	1-15-3.7	247-139	.46 AC
HAROLD DUANE LEGGETT	RT 1 BOX 209 B, West Union WV 26456	1-15-3.1	273-711	.15 AC
ROBERT L. & JACQU BRITTON	RT 1 BOX 553 A, Greenwood WV 26415	1-11-9.1	202-523	1.5 AC
BESSIE A. POLING	RT 1 BOX 550, Greenwood WV 26415	1-11-10.0	180-291	13.86 AC
BESSIE A. POLING	RT 1 BOX 550, Greenwood WV 26415	1-11-10.1	180-291	13.94 AC
DONALD W. & BON WHITEHAIR	RT 1 BOX 557, Greenwood WV 26415	1-11-9.3	219-565	2.14 AC
ROBERT L. & JACQU BRITTON	RT 1 BOX 553, GREENWOOD WV 26415	1-11-9.0	202-523	42.03 AC

* P. 01 *
* TRANSACTION REPORT *
* DEC-12-2013 THU 06:20 PM *
* FOR: DODDRIDGE CO. CLERK 304 873 1840 *
* SEND *
* DATE START RECEIVER TX TIME PAGES TYPE NOTE M# DP *
* DEC-12 06:19 PM 93048731600 26" 1 FAX TX OK 763 *
* TOTAL : 26S PAGES: 1 *

Legal Advertisement:

Doddridge County
Floodplain Permit Application

Please take notice that on the 13th day of December, 2013

ANTERO RESOURCES APPALACHIAN CORPORATION -

PRIMM WEST GAS PIPELINE #13-102

filed an

application for a Floodplain Permit to develop land located at or

about: **SURFACE OWNERS: JAMES E HARRIS, STANLEY WEBB ET AL,**

IKE IL MORRIS AND ROBERT L & JACQU BRITTON

CLAY DISTRICT, D/B: 221/17,192/342,230/307&239/347, T/M: 1-15-3,

1-15-2, 1-11-8, & 1-11-11

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 **JANUARY 2 , 2014.**

Delivered to the:

Clerk of the County Court

118 E. Court Street, West Union, WV 26456.

Beth A Rogers, Doddridge County Clerk

Dan Wellings, Doddridge County Flood Plain Manager

Legal Advertisement:
Doddridge County
Floodplain Permit Application

Please take notice that on the 13th day of December, 2013

ANTERO RESOURCES APPALACHIAN CORPORATION –

PRIMM WEST GAS PIPELINE #13-102

filed an

application for a Floodplain Permit to develop land located at or

about: **SURFACE OWNERS: JAMES E HARRIS, STANLEY WEBB ET AL,**

IKE IL MORRIS AND ROBERT L & JACQU BRITTON

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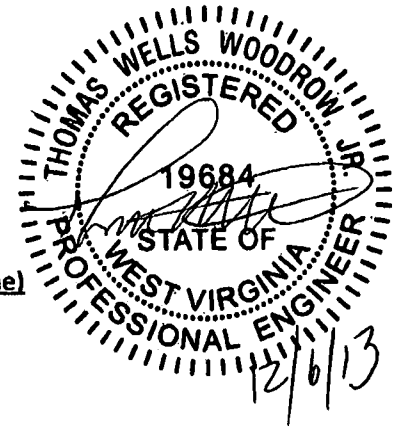
Delivered to the:

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118 E. Court Street, West Union, WV 26456.

Beth A Rogers, Doddridge County Clerk

Dan Wellings, Doddridge County Flood Plain Manager

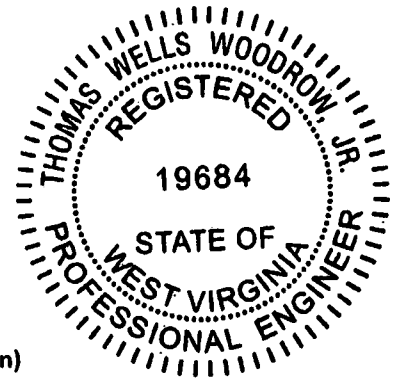


Primm Well Pad to Langford Well Pad (Primm West Pipeline)

Doddridge and Ritchie Counties, West Virginia

Mainline Pipeline Installation

- 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. Open trench duration of streams and wetlands will be kept to a minimum. 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.

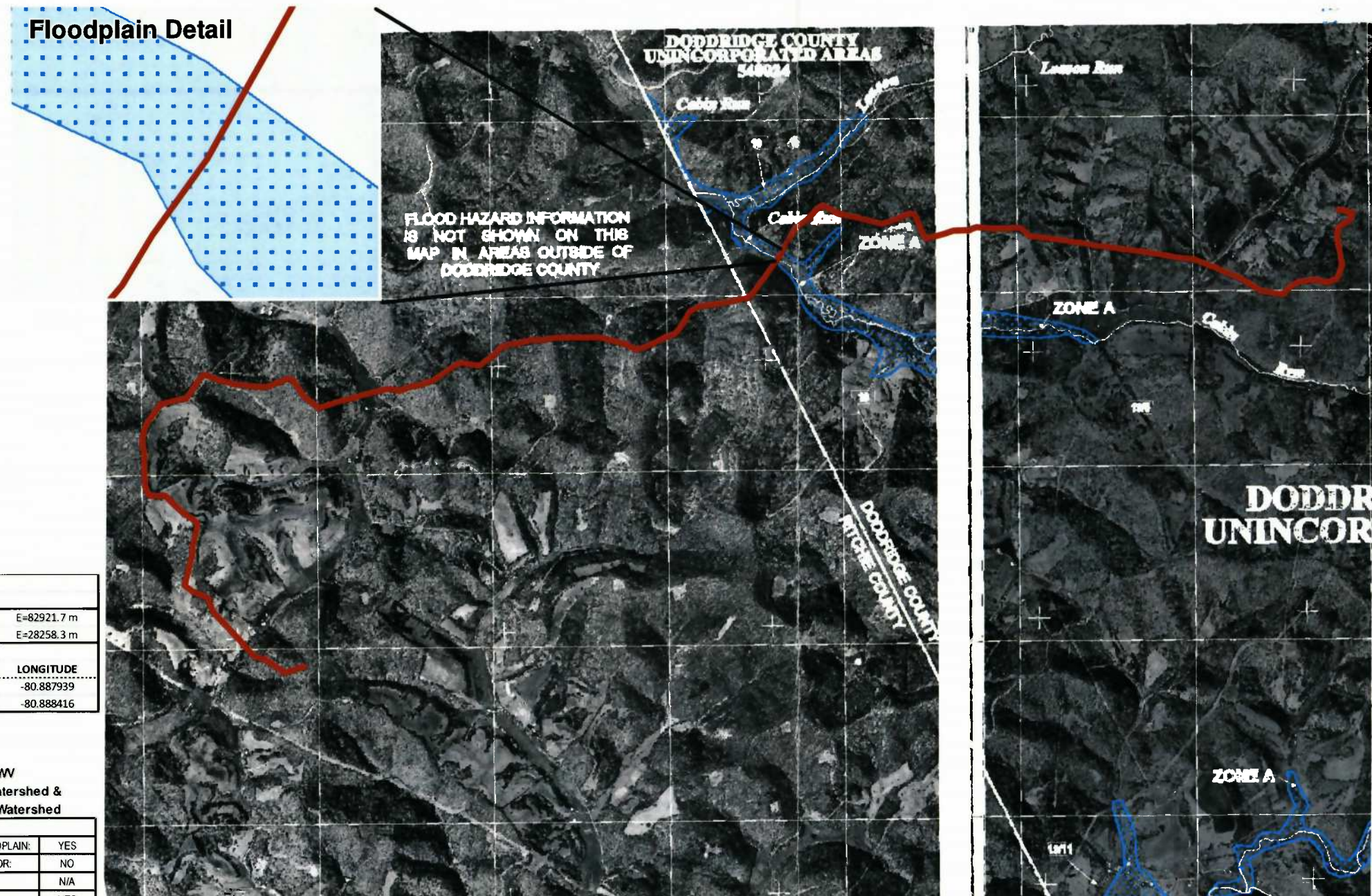


**Stream and Wetland Crossings
(Primm West Pipeline Construction in Cabin Run Floodplain)**

- 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 crossing 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 minor 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 752 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 elevation.

**PRIMM WEST PIPELINE
FEMA FIRM 54017C0200C & 54017C0225C
ANTERO RESOURCES CORPORATION**

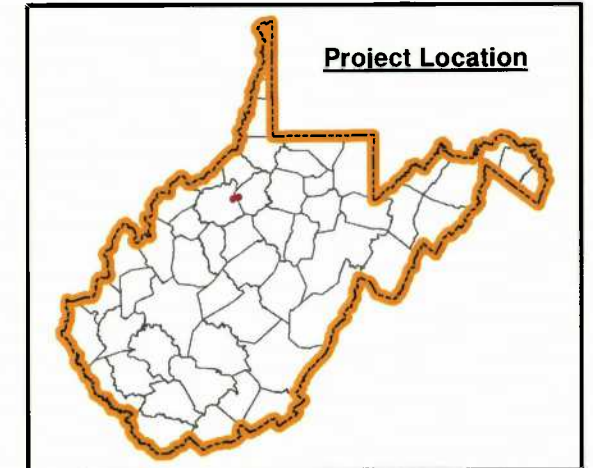
Floodplain Detail



SITE LOCATIONS		
NAD83		
Eastern Terminus (UTM Meters)	N=480181.2 m	E=82921.7 m
Western Terminus (UTM Meters)	N=480141.4 m	E=28258.3 m
	LATITUDE	LONGITUDE
Eastern Terminus	39.238614	-80.887939
Western Terminus	39.238029	-80.888416

Clay & Doddridge Districts
Doddridge & Ritchie Counties, WV
Cabin Run-North Fork Hughes River Watershed &
Bunnell Run-North Fork Hughes River 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:	54017C0200C & 54017C0225C
ACREAGE OF CONSTRUCTION IN FLOODPLAIN:	0.025



- Legend**
- Primm West Pipeline (6.33 mi)
 - FEMA Floodplain (FEMA/WV 2013)

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Base Map:
ESRI Online Map



PROJECT NO.	135432
DRAWN:	12/6/2013
DRAWN BY:	GHB
CHECKED BY:	MA
FILE NAME:	PrimmWestFEMA_Crossing.mxd

Flood Insurance Rate Map

**Primm West Pipeline
Antero Resources Corporation
Doddridge and Ritchie Counties, WV**

FIGURE
1