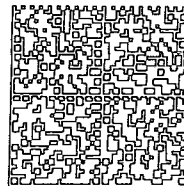


CERTIFIED MAIL™

Beth A. Rogers
Doddridge County Clerk
Room 102
118 East Court St.
West Union, WV 26456



7012 1010 0001 4282 8546



HASLER	015H14112420
	\$6.11
	08/08/13
	Mailed From 26456

US POSTAGE

4
27
2

~~Handwritten scribbles~~

JOHN A MCMILLAN
1063 ELLSWORTH DR.
AKRON, OH NIXIE

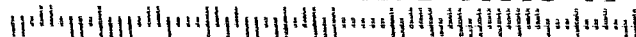
Business with

441 7E 1000 0000/13/13

RETURN TO SENDER
NOT DELIVERABLE AS ADDRESSED
UNABLE TO FORWARD

BC: 26456126227 *1871-000008-08-41

26456@1262
44310211



Vertical text on the right edge of the page.

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT

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: **13-045**

John A McMillan
1063 Ellsworth Dr.
West Union, WV 26456

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
X Addressee

B. Received by (*Printed Name*) C. Date of Delivery

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

3. Service Type
 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*) **7012 1010 0001 4282 8546**

Legal Advertisement:
Doddridge County
Floodplain Permit Application

Please take notice that on the 31st day of July, 2013

ANTERO RESOURCES APPALACHIAN CORPORATION –CANTON

EAST PIPELINE – 13-045, filed an

application for a Floodplain Permit to develop land located at or

about: **SURFACE OWNERS: ETHLYN MCMILLAN, NOLA S. MCMILLAN,**

AND LUCILLE B. MCMILLAN, ET AL

T/M & PLC: 33-6-26.9,.4,.3,.8, 3-9-3,3-9-2.2,3-9-2 & 3-6-26

D/B 254/160,274/282,254/118,275/64,M281/60,254/97,& W/B 38/317.

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 **August 20, 2013.**

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

2525 2822 4282 8529

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



Sent To **Brian & Dawn McMillan**
 Street, Apt. No., or PO Box No. **2748 Wylie Ridge Rd**
 City, State, ZIP+4 **Weirton, WV 26062**
 PS Form 3800, August 2006 See Reverse for Instructions

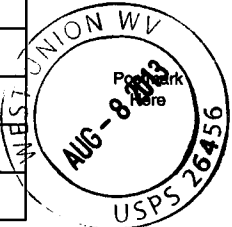
6539 8282 4282 8539

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



Sent To **Scotty & Martha Ruble**
 Street, Apt. No., or PO Box No. **1622 Oak St.**
 City, State, ZIP+4 **Parkersburg, WV 26101**
 PS Form 3800, August 2006 See Reverse for Instructions

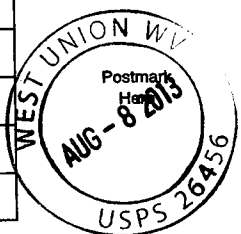
2525 2822 4282 8546

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



Sent To **John A McMillan**
 Street, Apt. No., or PO Box No. **1063 Ellsworth Dr.**
 City, State, ZIP+4 **West Union, WV 26456**
 PS Form 3800, August 2006 See Reverse for Instructions

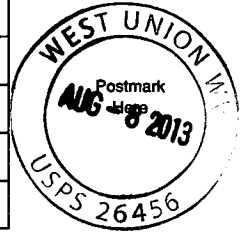
2525 2822 4282 8508

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



Sent To **Lucille B. McMillan, ET AL**
 Street, Apt. No., or PO Box No. **301 Louise Av.**
 City, State, ZIP+4 **West Union, WV 26456**
 PS Form 3800, August 2006 See Reverse for Instructions

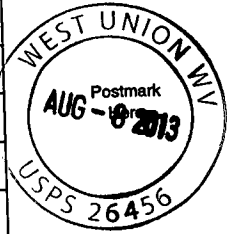
2525 2822 4282 8492

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



Sent To **Nola S. McMillan**
 Street, Apt. No., or PO Box No. **2075 20th Street SW**
 City, State, ZIP+4 **Akron, OH 44314**
 PS Form 3800, August 2006 See Reverse for Instructions

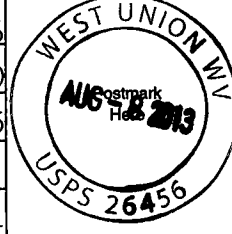
2525 2822 4282 8089

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



Sent To **Ethlyn McMillan**
 Street, Apt. No., or PO Box No. **39 Etna Lane**
 City, State, ZIP+4 **Weirton, WV 26062**
 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:

13-045

Ronald & Debra Yerkey
Rt. 2, Box 172
West Union, WV 26456

2. Article Number

(Transfer from service label)

7012 1010 0001 4282 8515

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

Debra Yerkey

 Agent Addressee

B. Received by (Printed Name)

Debra Yerkey

C. Date of Delivery

8-16-13

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

FILED

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

2013 AUG 19 AM 8:13

BETH A. ROGERS
COUNTY CLERK
DODDRIDGE COUNTY, WV

BETH A ROGERS
DODDRIDGE COUNTY CLERK
118 E. COURT ST., RM 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:

13-045

Brian & Dawn McMillan
 2748 Wylie Ridge Rd
 Weirton, WV 26062

2. Article Number

(Transfer from service label)

7012 1010 0001 4282 8522

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

B. P. McMillan

 Agent Addressee

B. Received by (Printed Name)

BS

C. Date of Delivery

8-12-13

D. Is delivery address different from item 1? YesIf 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

2013 AUG 4 AM 10:35

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

BETH A ROGERS
DODDRIDGE COUNTY CLERK
118 E. COURT ST., RM 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: 13-045

Lucille B. McMillan, ET AL
301 Louise Av.
West Union, WV 26456

2. Article Number
(Transfer from service label)

7012 1010 0001 4282 8508

COMPLETE THIS SECTION ON DELIVERY

A. Signature

x Richard McMillan Agent
 Addressee

B. Received by (Printed Name)

C. Date of Delivery

8-9-13

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 in this box •

PAID

2013 AUG 12 AM 11:49

POST OFFICE
COUNTY CLERK
DODDRIDGE COUNTY, WV

BETH A ROGERS
DODDRIDGE COUNTY CLERK
118 E. COURT ST., RM 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: **13-045**

Scotty & Martha Ruble
1622 Oak St.
Parkersburg, WV 26101

2. Article Number
(Transfer from service label)**7012 1010 0001 4282 8539****COMPLETE THIS SECTION ON DELIVERY**

A. Signature

X

 Agent Addressee

B. Received by (Printed Name)

Scott Ruble

C. Date of Delivery

02-09-17D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

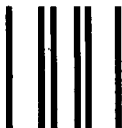
3. Service Type

 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 in this box •

PAID

2013 AUG 12 AM 11:49

BETH A ROGERS

DODDRIDGE COUNTY, WV

BETH A ROGERS

DODDRIDGE COUNTY CLERK

118 E. COURT ST., RM 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:

13-045

Nola S. McMillan
2075 20th Street SW
Akron , OH 44314

2. Article Number

(Transfer from service label)

7012 1010 0001 4282 8492

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Kenneth D. Murphy* Agent Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? YesIf 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 in this box •

FILED

2013 AUG 12 AM 11:51

WEST VIRGINIA
DODDRIDGE COUNTY, WV

BETH A. ROGERS
DODDRIDGE COUNTY CLERK
118 E. COURT ST., RM 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:

13-045

Ethlyn McMillan
39 Etna Lane
Weirton, WV 26062

2. Article Number

(Transfer from service label)

7012 1010 0001 4282 8089

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *David Leonard* Agent Addressee

B. Received by (Printed Name)

C. Date of Delivery

8-10-73

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 in this box •

FE11

2013 AUG 12 AM 11:49

DEPT. OF COURTS
CLERK
DODDRIDGE COUNTY
WEST UNION, WV

BETH A. ROGERS
DODDRIDGE COUNTY CLERK
118 E. COURT ST., RM 102
WEST UNION, WV 26456



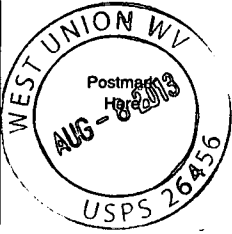
U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

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

7012 1010 0001 4282 8515

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



Sent To **Ronald & Debra Yerkey**
Street, Apt. No., or PO Box No. **Rt. 2, Box 172**
City, State, ZIP+4 **West Union, WV 26456**

Doddridge County Sheriff
Flood Plain Ordinance Fund

1034
69-217/515


DATE August 8, 2013

PAY TO THE
ORDER OF ANTERO RESOURCES

\$ 923.42

Nine Hundred Twenty-Three Dollars and 42/100

DOLLARS

 Security features
included.
Details on back.



Ralph Seaton Jr.
Beth A. Rogers

MEMO #13-045 Reimburse Canton East Pipeline

MP MP

⑈001034⑈ ⑆051502175⑆

1196499⑈

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

W. C .Underwood Jr.
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. 227

Date: August 1, 2013
Customer copy

Received: #13-045 Antero canton east 1 pipeline

\$3,718.00

In Payment For: 318 Building Permits (LP)

For: 12-Flood Plain Ordinance #20 Fund

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

W. C .Underwood Jr.
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 CLERK	45582	Jul-26-2013	34644	\$3,718.00

VOUCHER	VENDOR INV #	INV DATE	TOTAL AMOUNT	PRIOR PMTS & DISCOUNTS	NET AMOUNT
07-AP-11461	CANTONEAST1	07/26/13	3,718.00	0.00	3,718.00
TOTAL INVOICES PAID					3,718.00

Pipe line

2013 JUL 30 PM 0:57
 COUNTY OF DENVER
 CLERK OF COUNTY

13-045

DETACH AND RETAIN FOR TAX PURPOSES

Doddridge County Flood Plain Application Fee Calculator (if in Flood Plain)	
Canton East	
Estimated Construction Costs	\$443,600.00
Amount over \$100,000	\$343,600.00
Drilling Oil and Gas Well Fee	\$1,000.00
Deposit for additional charges	\$1,000.00
\$5 per \$1,000 over \$100,000	\$1,718.00
Amount Due with application	\$3,718.00

Refund \$1,000 Deposit for expenses only.

**ANTERO RESOURCES CORPORATION
CANTON EAST GATHERING PIPELINE**

Pipeline	Length of Line Pipeline (feet)	Construction in Floodplain (Y/N)	Installation Method	Unit Cost/Foot	Total
24" water line	317	Yes	Open Cut	\$ 200	\$ 63,400
20" gas line	317	Yes	Open Cut	\$ 200	\$ 63,400
24" water line	264	No	HDD	\$ 600	\$ 158,400
20" gas line	264	No	HDD	\$ 600	\$ 158,400
Total Construction Cost Estimate =					\$ 443,600

Legal Advertisement:
Doddridge County
Floodplain Permit Application

Please take notice that on the 31st day of July, 2013

ANTERO RESOURCES APPALACHIAN CORPORATION –CANTON

EAST PIPELINE – 13-045, filed an

application for a Floodplain Permit to develop land located at or

about: **SURFACE OWNERS: ETHLYN MCMILLAN, NOLA S. MCMILLAN,**

AND LUCILLE B. MCMILLAN, ET AL

T/M & PLC: 33-6-26.9,.4,.3,.8, 3-9-3,3-9-2.2,3-9-2 & 3-6-26

D/B 254/160,274/282,254/118,275/64,M281/60,254/97,& W/B 38/317.

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 **August 20, 2013.**

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

TRANSACTION REPORT

P. 01

AUG-06-2013 TUE 07:56 PM

FOR: DODDRIDGE CO. CLERK

304 873 1840

SEND

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
AUG-06	07:56 PM	93048731600	26"	1	FAX TX	OK	558	
TOTAL :						26S PAGES:	1	

Legal Advertisement:

Doddridge County

Floodplain Permit Application

7 Aug

Please take notice that on the ~~31st~~ day of ~~July~~, 2013

ANTERO RESOURCES APPALACHIAN CORPORATION -CANTON

EAST PIPELINE - 13-045, filed an

application for a Floodplain Permit to develop land located at or

about: **SURFACE OWNERS: ETHLYN MCMILLAN, NOLA S. MCMILLAN,**

AND LUCILLE B. MCMILLAN, ET AL

T/M & PLC: 33-6-26.9,.4,.3,.8, 3-9-3,3-9-2.2,3-9-2 & 3-6-26

D/B 254/160,274/282,254/118,275/64,M281/60,254/97,& W/B 38/317.

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 **August 27, 2013.**

27

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

PERMIT NO. 13-045

DODDRIDGE COUNTY
FLOODPLAIN DEVELOPMENT
PERMIT

PURPOSE FOR PERMIT: PIPELINE CROSSING FLOODPLAIN

ISSUED TO ANTERO RESOURCES

ADDRESS: 1625 17TH ST., DENVER, CO 80202

PROJECT ADDRESS: CANTON EAST PIPELINE
BIG FLINT RUN NEAR MOUTH OF NED'S RUN

ISSUED BY: Dan Williams

DATE: 08/28/2013

THE PERMIT EXPIRES 180 DAYS FROM THIS DATE

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



July 26, 2013

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

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

Mr. Wellings:

Antero Resources Appalachian Corporation (Antero) would like to submit a Doddridge County Floodplain permit application for our Canton East Pipeline. Our project is located in Doddridge County, Grant District. Per the enclosed Canton East Floodplain Construction Narrative, Antero is proposing to install the pipeline utilizing the horizontal directional drill method and will not be adding any fill or structures which would impact the floodplain. This application is being submitted for the portion of the pipeline that is located within the floodplain for determination.

Attached you will find the following:

- Doddridge County Floodplain Permit Application and required fees
- FIRM Map
- Pipeline Floodplain Construction Narrative

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

Thank you in advance for your consideration.

Sincerely,

Shauna Redican
Permit Representative
Antero Resources Appalachian Corporation

Enclosures

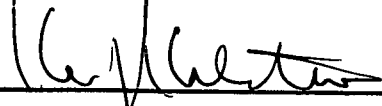
2013 JUL 30 AM 3:57

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.**

2013 JUL 30 AM 3:57
 FILED

APPLICANT'S SIGNATURE 

DATE July 26th, 2013

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.

Antero Resources Appalachian Corporation - Kevin Kilstrom, Vice President of Production

APPLICANT'S NAME: _____

ADDRESS: 1625 17th Street, Denver, CO 80202

TELEPHONE NUMBER: Contact Shauna Redican: 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: Grant

DATE/FROM WHOM PROPERTY

PURCHASED: N/A

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 Please see attached Exhibit A

ADDRESS OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON THE SUBJECT PROPERTY Please see attached Exhibit A

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 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 \$ 443,600.00

*Please see attached 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 attached 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: Please see attached Exhibit A

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.

EXHIBIT A - Canton East Pipeline

Property Owner Name	Mailing Address	Tax Map	Deed Book Reference	Land Book Description
HOST PROPERTIES				
Ethlyn McMillan	39 Etna Lane, Weirton, WV 26062	3-6-26.9	254/160	22.25 AC
Nola S. McMillan	2075 20th Street SW, Akron, OH 44314	3-6-26.4	274/282	14.61 AC
Lucille B. McMillan, et al	301 Louise Avenue, West Union, WV 26456	3-6-26.3	254/118	22.94 AC
Donald E. Lowe, et al	HC 67 Box 34, West Union, WV 26456	3-6-26.8	WB41/125	21.36 AC
Eldora McMillan Evans (Life)	c/o Edward McMillan, 1063 Ellsworth Drive, Akron, OH 44313	3-6-26.2	276/646	21.48 AC
Dawnett Flye Wilson & Laura L. Kilsonyle	P.O. Box 4386, Soldotna, AK 99669	3-6-26.7	WB47/237	22.28 AC
George D. & Josephine J. Donnahoe	Rt. 2 Box 175, West Union, WV 26456	3-9-5, 3-9-5.1, 3-9-6, 3-10-1	WB31/4, WB31/4, WB31/4, WB31/4	112 AC, 48 AC, 17 AC, 23.14 AC
Douglas B. Housel	Rt. 4 Box 1112, Salem, WV 26426	3-6-22	213/528	102.56 AC
Norman I. & Victoria D. Sines	7126 Greenbank Road, Baltimore, MD 21220	3-10-2	264/430	200.53 AC
Dwayne A. & Wilma Z. Hill	Route 2 Box 195, West Union, WV 26456	3-10-9	167/750	36.25 AC
James A. & Wilma Z. Hill	4170 Big Flint Road, West Union, WV 26456	3-10-15	167/750	33.25 AC
Monzell R. & Dorothy C. Zickefoose	381 Narrow Run Road, West Union, WV 26456	3-10-22	204/576	104.75 AC
Dean R. Pennington	1203 East Run, West Union, WV 26456	3-10-23, 3-10-34, 3-10-35	266/688, 278/121, 278/121	77.19 AC, 34.84 AC, 34.35 AC
PROPERTY OWNERS ABUTTING HOST PROPERTIES INSIDE FLOODPLAIN				
Gary L. & Jeffrey Lynn McMillan	RT 2 Box 315, West Union, WV 26456	3-6-26.1	254/104	19.61 AC
Josephine J. Donnahoe	RT 2 Box 175, West Union, WV 26456	3-9-14	WB31/4	35.5 AC
Nancy Cumberledge	RT 2 Box 176, West Union, WV 26456	3-9-13	188/92	1 AC
Scott O. Cayton	RT 2 Box 230, West Union, WV 26456	3-9-12	284/294	1.89 AC
Ronald N. & Debra K. Yerkey	RT 2 Box 172, West Union, WV 26456	3-9-26.1	206/549	1.56 AC
Ronald N. & Debra K. Yerkey	RT 2 Box 172, West Union, WV 26456	3-9-11	275/64	42.8 AC
Ronald N. & Debra K. Yerkey	RT 2 Box 172, West Union, WV 26456	3-9-9	275/64	74.5 AC
Ronald N. & Debra K. Yerkey	RT 2 Box 172, West Union, WV 26456	3-9-4	275/64	74.2 AC
Ronald N. & Debra K. Yerkey	RT 2 Box 172, West Union, WV 26456	3-9-3	275/64	68.40 AC
Brian P. & Dawn M. McMillan	2748 Wylie Ridge Rd., Weirton, WV 26062	3-9-2.2	281/60	28.62 AC
Scotty W. & Martha Diane Ruble	1622 Oak St., Parkersburg, WV 26101	3-9-2	2545/97	30.04 AC
Clyde McMillan EST.	1063 Ellsworth Dr. Akron, OH 44313	3-6-26	WB38/317	4.23 AC

EXHIBIT A - Canton East Pipeline

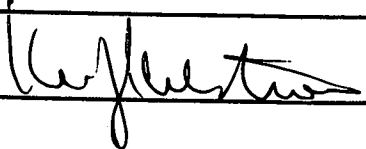
Property Owner Name	Mailing Address	Tax Map	Deed Book Reference	Land Book Description
HOST PROPERTIES				
Ethlyn McMillan ✓	39 Etna Lane, Weirton, WV 26062	3-6-26.9	254/160	22.25 AC
Nola S. McMillan ✓	2075 20th Street SW, Akron, OH 44314	3-6-26.4	274/282	14.61 AC
Lucille B. McMillan, et al ✓	301 Louise Avenue, West Union, WV 26456	3-6-26.3	254/118	22.94 AC
Donald E. Lowe, et al	HC 67 Box 34, West Union, WV 26456	3-6-26.8	WB41/125	21.36 AC
Eldora McMillan Evans (Life)	c/o Edward McMillan, 1063 Ellsworth Drive, Akron, OH 44313	3-6-26.2	276/646	21.48 AC
Dawnett Flye Wilson & Laura L. Kilsynyle	P.O. Box 4386, Soldotna, AK 99669	3-6-26.7	WB47/237	22.28 AC
George D. & Josephine J. Donnahoe	Rt. 2 Box 175, West Union, WV 26456	3-9-5, 3-9-5.1, 3-9-6, 3-10-1	WB31/4, WB31/4, WB31/4, WB31/4	112 AC, 48 AC, 17 AC, 23.14 AC
Douglas B. Housel	Rt. 4 Box 1112, Salem, WV 26426	3-6-22	213/528	102.56 AC
Norman I. & Victoria D. Sines	7126 Greenbank Road, Baltimore, MD 21220	3-10-2	264/430	200.53 AC
Dwayne A. & Wilma Z. Hill	Route 2 Box 195, West Union, WV 26456	3-10-9	167/750	36.25 AC
James A. & Wilma Z. Hill	4170 Big Flint Road, West Union, WV 26456	3-10-15	167/750	33.25 AC
Monzell R. & Dorothy C. Zickefoose	381 Narrow Run Road, West Union, WV 26456	3-10-22	204/576	104.75 AC
Dean R. Pennington	1203 East Run, West Union, WV 26456	3-10-23, 3-10-34, 3-10-35	266/688, 278/121, 278/121	77.19 AC, 34.84 AC, 34.35 AC
PROPERTY OWNERS ADJACENT HOST PROPERTIES INSIDE FLOODPLAIN				
Gary L. & Jeffrey Lynn McMillan	RT 2 Box 315, West Union, WV 26456	3-6-26.1	254/104	19.61 AC
Josephine J. Donnahoe	RT 2 Box 175, West Union, WV 26456	3-9-14	WB31/4	35.5 AC
Nancy Cumberledge	RT 2 Box 176, West Union, WV 26456	3-9-13	188/92	1 AC
Scott O. Cayton	RT 2 Box 230, West Union, WV 26456	3-9-12	284/294	1.89 AC
Ronald N. & Debra K. Yerkey	RT 2 Box 172, West Union, WV 26456	3-9-26.1	206/549	1.56 AC
Ronald N. & Debra K. Yerkey	RT 2 Box 172, West Union, WV 26456	3-9-11	275/64	42.8 AC
Ronald N. & Debra K. Yerkey	RT 2 Box 172, West Union, WV 26456	3-9-9	275/64	74.5 AC
Ronald N. & Debra K. Yerkey	RT 2 Box 172, West Union, WV 26456	3-9-4	275/64	74.2 AC
Ronald N. & Debra K. Yerkey	RT 2 Box 172, West Union, WV 26456	3-9-3	275/64	68.40 AC
Brian P. & Dawn M. McMillan ✓	2748 Wylie Ridge Rd., Weirton, WV 26062	3-9-2.2	281/60	28.62 AC
Scotty W. & Martha Diane Ruble ✓	1622 Oak St., Parkersburg, WV 26101	3-9-2	2545/97	30.04 AC
Clyde McMillan EST.	1063 Ellsworth Dr. Akron, OH 44313	3-6-26	WB38/317	4.23 AC

- John A. McMillan - No Address

9-2.1

- (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:  DATE: 7/26/2013

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: 130 + 135
 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: N/A NGVD (MSL)

Unavailable

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

See section 4 for additional instructions.

SIGNED

Dan Williams

DATE

08/28/2013

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 *Don Hollings* DATE 08/28/2013

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: 12/05/13 BY: Dan Wellings
DEFICIENCIES ? Y/N

COMMENTS 12/05/13 Not started yet

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, WV – Floodplain Construction

Canton East 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.



Doddridge County, WV – Floodplain Construction

Canton East 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 upland 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.

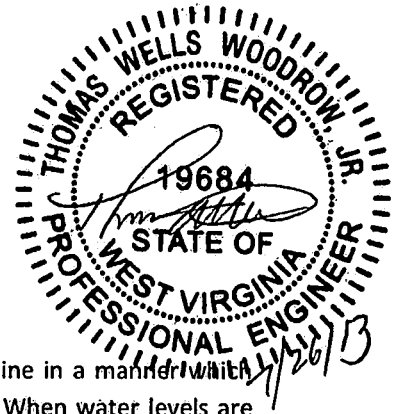


**Stream and Wetland Crossings
(Canton East Pipeline Construction in Flint Run Floodplain)**

- 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 808 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.

**Horizontal Directional Drill
(Canton East Pipeline HDD of Flint Run Floodplain)**

- A. The pipeline will be installed across Flint Run utilizing the Horizontal Directional Drill method. A drill rig will be set up on the west side of County Route 3 (Big Flint Road) to drill under County Route 3 and Flint Run. The pipe will be welded together in one pipe string on the east side of Flint Run outside the stream buffers. Once the drill is completed to the right size, the pipeline will be pulled through the hole and connected to the proposed pipeline on both sides. All required ECDs will be installed and maintained prior to beginning the drill and throughout the completion. The current base flood elevation at the proposed stream crossing is a maximum of approximately 815 feet. Following construction and since no construction work will take place within the floodplain, there will be no change to the base flood elevation.



**Stream and Wetland Crossings
(Canton East Pipeline Construction in Flint 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 final grade of the stream banks. 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.

**Horizontal Directional Drill
(Canton East Pipeline HDD of Flint Run Floodplain)**

- B. The pipeline will be installed across Flint Run utilizing the Horizontal Directional Drill method. A drill rig will be set up on the west side of County Route 3 (Big Flint Road) to drill under County Route 3 and Flint Run. The pipe will be welded together in one pipe string on the east side of Flint Run outside the stream buffers. Once the drill is completed to the right size, the pipeline will be pulled through the hole and connected to the proposed pipeline on both sides. All required ECDs will be installed and maintained prior to beginning the drill and throughout the completion.

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 Upon
Oath That the Accompanying Legal Notice
Entitled:

Floodplain Permit

was published in said paper for *2*

successive weeks beginning with the issue
of *August 13* 2013 and

ending with the issue of
August 20 2013 and

that said notice contains *231*

WORD SPACE at *115* cents a word
amounts to the sum of \$ *26.57*

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

\$ *19.92*
and each publication thereafter
\$ *46.49* TOTAL

EDITOR

D. O. Nicholson

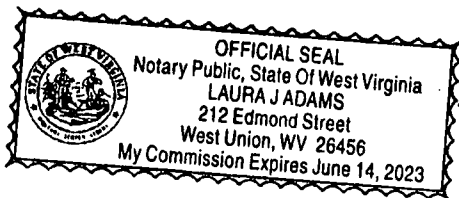
SWORN TO AND SUBSCRIBED

BEFORE ME THIS THE *22* DAY
OF *August* 2013

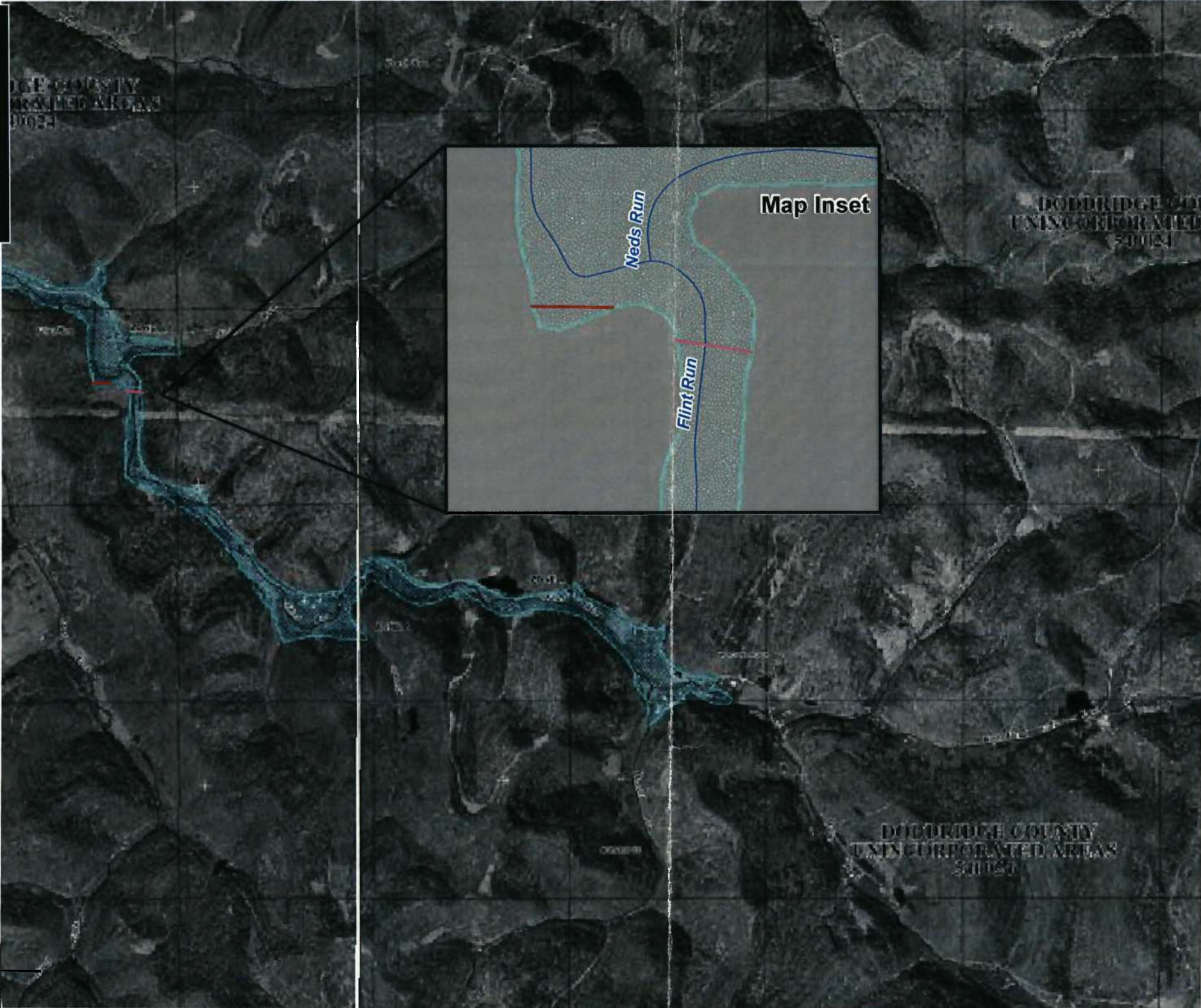
NOTARY PUBLIC

Laura J Adams

LEGAL ADVERTISEMENT
Doddridge County
Floodplain Permit Application
Please take notice that on the 7th day of August, 2013,
ANTERO RESOURCES, AN APACHECHIAN
CORPORATION, CANTON EAST PIPELINE 13-045,
filed an application for a Floodplain Permit to develop
land located at or about SURFACE OWNERS:
ETHLYN MCMILLAN, NOLA S. MCMILLAN, AND
LUCILLE B. MCMILLAN, ET AL.
T/M & P/C: 33-6-26-9, 4-3-8-3-9-3-3-9-2-2-3-9-7-6-1-6-
26
D/B: 254/160,274/282,254/118,275/64, M281/60,254/97 &
W/B: 38/317
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 August 27th,
2013.
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
8-13-21b



**CANTON EAST GATHERING PIPELINE
FEMA FIRM 54017C0130C & 540170135C
ANTERO RESOURCES CORPORATION**



SITE LOCATIONS		
NAD 83		
Eastern Terminus (UTM Meters)	N=496554.2 m	E=94965.7 m
Western Terminus (UTM Meters)	N=496265.4 m	E=95019.4 m
	LATITUDE	LONGITUDE
Eastern Terminus	39.349194	-80.700174
Western Terminus	39.349643	-80.703533

**GRANT 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:	54017C0130C & 540170135C
PERCENTAGE OF CONSTRUCTION IN FLOODPLAIN:	0.07



The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Kleinfielder 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 and is 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 or misuser of the information.

Base Map: ESRI Online Map;
USGS 7.5' New Milton Quadrangle

Legend

- Canton East Gathering Pipeline - Open Cut (0.06 mi)
- Canton East Gathering Pipeline - HDD (0.05 mi)
- FEMA Floodplain



PROJECT NO.	133916
DRAWN:	7/22/2013
DRAWN BY:	A.Leonard
CHECKED BY:	N.Peace
FILE NAME:	CantonEast_FEMA_Crossing_v2.mxd

Antero Resources Corporation
Canton East Gathering Pipeline
Doddridge County, West Virginia
Flood Insurance Rate Map

FIGURE

1