

14-160

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



DATE 2-17-14

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

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

APPLICANT'S NAME: Antero Resources Corporation

ADDRESS: 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: Allegheny Surveys, Inc.
ADDRESS: 172 Thompson Drive, Bridgeport, WV 26330
TELEPHONE NUMBER: 304-848-5035

PROJECT LOCATION:

NAME OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT) Please see attachment

ADDRESS OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT)
Please see attachment

DISTRICT: New Milton

DATE/FROM WHOM PROPERTY

PURCHASED: N/A

LAND BOOK DESCRIPTION:

DEED BOOK REFERENCE: Please see attachment

TAX MAP REFERENCE: Please see attachment

EXISTING BUILDINGS/USES OF PROPERTY:

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

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

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

DESCRIPTION OF WORK (CHECK ALL APPLICABLE BOXES)

A. STRUCTURAL DEVELOPMENT

ACTIVITY

STRUCTURAL TYPE

- | | |
|--|---|
| <input 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 X 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 \$ ^{N/A - Location is not within} _{the floodplain}

D. ADJACENT AND/OR AFFECTED LANDOWNERS:

Surface Owners:

Owner: Randall & Carolyn S. Stewart
Address: Rt. 2 Box 541E
Clarksburg, WV 26301
DB 273/ PG 413, Tax Map 16/ Parcel 11

Owner: Melvin L. Davis, Jr.
Address: 5190 Port Tobacco Rd.
Nanjemoy, MD 20662
DB 264/ PG 324, Tax Map 16/ Parcel 10

Owner: Dodd Family Limited Partnership
c/o Ralph Dennis Dodd, Joshua Frank Dodd
& Emily Renea Dodd
Address: Rt 2 Box 546A
Clarksburg, WV 26301
DB 261/ PG 571, Tax Map 16/ Parcel 3

- (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): Randy Kloberdanz

SIGNATURE:  DATE: 2-17-14

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

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

THE PROPOSED DEVELOPMENT:

THE PROPOSED DEVELOPMENT IS LOCATED ON:

FIRM Panel: _____

Dated: _____

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

Is located in Special Flood Hazard Area.

FIRM zone designation _____

100-Year flood elevation is: _____ NGVD (MSL)

Unavailable

The proposed development is located in a floodway.

FBFM Panel No. _____

Dated _____

See section 4 for additional instructions.

SIGNED Ralph Jones

DATE 3-20-14

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** _____

WV Flood Map

Stewart Pad

Center of Pad:
80.6614259 W,
39.1885807 N



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

Map Created on 1/15/2014



Location of the mouse click



Flood Hazard Zone
(1% annual chance floodplain)

User Notes:

Disclaimer:

The online map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. To obtain more detailed information in areas where Base Flood Elevations have been determined, users are encouraged to consult the latest Flood Profile data contained in the official flood insurance study. These studies are available online at www.msc.fema.gov.

WV Flood Tool is supported by FEMA, WV NFIP Office, and WV GIS Technical Center
(<http://www.MapWV.gov/flood>)

Flood Hazard Area: Selected site is NOT WITHIN any identified flood hazard area. Unmapped flood hazard areas may be present.

Elevation: About 1352 feet

Location (long, lat): 80.661426 W, 39.188581 N

Location (UTM 17N): (529240, 4337759)

FEMA Issued Flood Map: 54017C0235C

Contacts: Doddridge County


CRS Information: No CRS information available

Parcel Number:

STEWART PAD

SITE DESIGN, CONSTRUCTION PLAN, & EROSION & SEDIMENT CONTROL PLANS

ANTERO RESOURCES APPALACHIAN CORPORATION


 West Virginia State Plane Coordinate System
 North Zone, NAD83
 Elevations Based on NAVD88
 Established By Survey Grade GPS & OPUS Post-Processing



Well Table				
Prop. Well Cross Unit 1H <small>WVA NAD83 E: 228448.28 WVA NAD83 N: 188845.11 LAT NAD83: 38.188827° LON NAD83: 80.681348°</small>	Prop. Well Dorothy Unit 1H <small>WVA NAD83 E: 228448.28 WVA NAD83 N: 188845.11 LAT NAD83: 38.188827° LON NAD83: 80.681348°</small>	Prop. Well Randall Unit 1H <small>WVA NAD83 E: 228448.28 WVA NAD83 N: 188845.11 LAT NAD83: 38.188827° LON NAD83: 80.681348°</small>	Prop. Well Switzer Unit 1H <small>WVA NAD83 E: 228448.28 WVA NAD83 N: 188845.11 LAT NAD83: 38.188827° LON NAD83: 80.681348°</small>	Prop. Well Melvin 1H <small>WVA NAD83 E: 228448.28 WVA NAD83 N: 188845.11 LAT NAD83: 38.188827° LON NAD83: 80.681348°</small>
Prop. Well Cross Unit 2H <small>WVA NAD83 E: 228448.28 WVA NAD83 N: 188845.11 LAT NAD83: 38.188827° LON NAD83: 80.681348°</small>	Prop. Well Dorothy Unit 2H <small>WVA NAD83 E: 228448.28 WVA NAD83 N: 188845.11 LAT NAD83: 38.188827° LON NAD83: 80.681348°</small>	Prop. Well Randall Unit 2H <small>WVA NAD83 E: 228448.28 WVA NAD83 N: 188845.11 LAT NAD83: 38.188827° LON NAD83: 80.681348°</small>	Prop. Well Switzer Unit 2H <small>WVA NAD83 E: 228448.28 WVA NAD83 N: 188845.11 LAT NAD83: 38.188827° LON NAD83: 80.681348°</small>	Prop. Well Melvin 2H <small>WVA NAD83 E: 228448.28 WVA NAD83 N: 188845.11 LAT NAD83: 38.188827° LON NAD83: 80.681348°</small>

Project Contacts

Antero Resources

Tom Wince - Construction
304-869-3405 Off. 304-483-0933 Cell

Eli Wagoner, Environmental Engineer
304-822-3842, ext 311 Off. 304-476-9770 Cell

John Kawcak, Engineer
817-368-1553

Dusty Woods
817-771-1438

Michael Ash
304-380-6181

Aaron Kunzler, Construction Supervisor
405-227-8344

Anthony Smith, Field Engineer
304-869-3405 Off. 304-673-6196 Cell

Surveyor & Engineer

Bill Yetzer, PS, EI - Allegheny Surveys Inc.
304-848-5035 Off. 304-619-4937 Cell

Kirk Wilson, PE - L&W Enterprises, Inc
304-257-4818 Off. 304-688-0365 Cell

- Well Location Restrictions:**
- All Pad construction complies with the following restrictions.
- * 250' from an existing well or developed spring used for human or domestic animals.
 - * 625' from occupied dwelling or barn greater than 2500 SF used for poultry or dairy measured from the center of the pad.
 - * 100' from edge of disturbance to wetlands, perennial streams, natural or artificial lake, pond or reservoir.
 - * 300' from edge of disturbance to a naturally reproducing trout stream.
 - * 1000' of a surface or ground water intake to a public water supply.

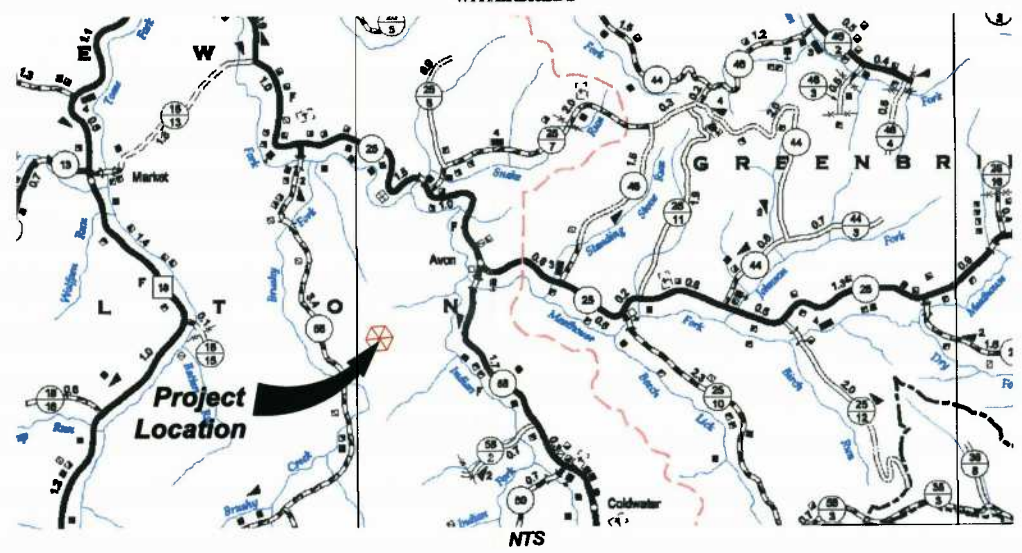


NEW MILTON QUADS

0 1000 2000 3000

SITE LOCATIONS		
NAD 83		
Center of Pad (UTM Meters)	N=4337758.52 m	E=529239.80 m
Begin Access Road	N=4337232.70 m	E=528636.08 m
LATITUDE LONGITUDE		
Center of Pad	38.188827°	-80.681425°
Begin Access Road	38.183862°	-80.688438°

NEW MILTON DISTRICT, DODDRIDGE COUNTY, WV
MIDDLE ISLAND CREEK & MEATHOUSE FORK
WATERSHEDS



Owner Information						
Owner	TM/Parcel	Deed/Page	Total Acres	Type of Disturbance	Acres	
Melvin L. Davis, Jr	16/10	264/324	121.66	Water Tank Offload Pad	0.56	
				Access Road A (3496 ft)	10.15	
				Spoil Pad A	1.65	
				Spoil Pad B	0.44	
				Spoil Pad D	0.95	
				Water Tank Pad Road (827 ft)	1.72	
				Water Tank Pad	0.97	
				Drill Pad	0.24	
				Total		16.68
				Randall and	16/11	273/413
Carolyn S. Stewart	2nd Tract 190/390			Gathering/Spoil Pad C	0.92	
				Drill Pad	2.93	
				Total	4.36	
Ralph D. and	16/3	261/571	141.46	Gathering/Spoil Pad C	0.50	
Kimberly Dodd				Water Tank Pad	0.73	
				Drill Pad	1.05	
				Total	2.28	
				Grand Total	23.32	


LOD Area (ac)	
Water Tank Offload Pad	0.56
Access Road A (3496 ft)	10.66
Spoil Pad A	1.65
Spoil Pad B	0.44
Gathering/Spoil Pad C	1.42
Spoil Pad D	0.95
Drill Pad	4.22
Water Tank Pad	1.70
Water Tank Pad Road (827 ft)	1.72
Total Affected Area	23.32
Total Wooded Acres Disturbed	19.20
Total Linear Feet of Access Road	4,281
Ephemeral Stream Impact (linear feet)	
UNT 6 (Road A) (60' Fill; 15' LOD)	75
UNT 8 (Road A) (51' Fill; 14' LOD)	65
Total	140

- DRAWING INDEX**
- 1 COVER SHEET/LOCATION MAP
 - 2 SCHEDULE OF QUANTITIES
 - 3 CONSTRUCTION, EROSION, & SEDIMENT CONTROL NOTES
 - 4 EXISTING CONDITIONS
 - 5 PLAN SHEET INDEX
 - 6-9 SITE PLANS
 - 10 ROAD A & WATER TANK PAD ROAD, SPOIL PADS A-D CROSS SECTIONS
 - 11 DRILL PAD & WATER TANK PAD PROFILE & CROSS SECTIONS
 - 12 DETAILS
 - 13 RECLAMATION PLAN

FLOODPLAIN CONDITIONS	
DO SITE CONSTRUCTION ACTIVITIES TAKE PLACE IN FLOODPLAIN:	NO
PERMIT NEEDED FROM COUNTY FLOODPLAIN COORDINATOR:	NO
HBC-RAS STUDY COMPLETED:	N / A
FLOODPLAIN SHOWN ON DRAWINGS:	N / A
FIRM MAP NUMBER(S) FOR SITE:	540017C0250 C
ACREAGES OF CONSTRUCTION IN FLOODPLAIN:	N / A

MISS Utility of West Virginia
1-800-245-4848

West Virginia State Law
(Section XIV: Chapter 24-C)
Requires that you call two
business days before you dig in
the state of West Virginia.
IT'S THE LAW!!



**Know what's below.
Call before you dig.**

DATE	REVISIONS	Scale: N/A
1/23/13	Revised Well Layout	Designed By: CLKW/CKM
1/31/13	Drill Pad Expansion	File No. Antero 215-30-12
3/12/13	Changed Frac Pit to Tank Pad	Page 1 of 13



Allegheny Surveys, Inc.
 172 Thompson Drive
 Bridgeport, WV 26330
 (304) 848-5035



L&W ENTERPRISES, INC.
 REG. NO. 34457-0418
 P.E. 34457-2224
 14 SOUTH LENOX ST.
 PETERSBURG, WV 26847
 EMAIL: KIRK@LWENTR.COM



THIS DOCUMENT
 PREPARED FOR
 ANTERO RESOURCES
 APPALACHIAN CORP

COVER SHEET/LOCATION MAP
STEWART PAD
 NEW MILTON DISTRICT
 DODDRIDGE COUNTY, WV

Date: 12/12/12