# 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: <u>FINTEVO KESOUTCES COPPORATIO</u>	n
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: White Brothers Consulting LLC
ADDRESS: 447 Call Rd, Suite 216, Charleston, WV 25312
TELEHONE NUMBER: 304-550-9484
PROJECT LOCATION:
PROJECT LOCATION:
NAME OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT) Olin & Mary Primm
ADDRESS OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT)
RR1, Box 225, West Union, WV 26456
DISTRICT:_Central
DATE/FROM WHOM PROPERTY
PURCHASED: N/A
LAND BOOK DESCRIPTION:
DEED BOOK REFERENCE: DB 178/ PG 222
TAX MAP REFERENCE:_Tax Map 12, Parcel 17
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 П **New Structure** Residential (1 – 4 Family) Π Addition Residential (more than 4 Family) $\Pi$ Alteration Non-residential (floodproofing) $\Pi$ Relocation Combined Use (res. & com.) $\Pi$ Demolition $\Pi$ Replacement Manufactured/Mobil Home B. **OTHER DEVEOPLMENT ACTIVITIES:** Fill $\Pi$ Mining Х Drilling Π **Pipelining** Grading Π Excavation (except for STRUCTURAL DEVELOPMENT checked above) $\Pi$ Watercourse Altercation (including dredging and channel modification) Π Drainage Improvements (including culvert work) Road, Street, or Bridge Construction Subdivision (including new expansion) []Individual Water or Sewer System

#### C. STANDARD SITE PLAN OR SKETCH

Other (please specify)

 $\Pi$ 

- 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:

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:** N/A-No properties sharing an NAME:\_\_\_\_ ADDRESS: immediate and common boundary up or down stream due to the ADDRESS:\_\_\_\_ —location not being in floodplain NAME:\_\_\_\_\_ NAME:\_\_\_\_\_ ADDRESS:\_\_\_\_\_ 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: N/A NAME:\_\_\_\_ ADDRESS:\_\_\_\_\_ ADDRESS: NAME:\_\_\_\_ NAME:\_\_\_\_ ADDRESS:\_\_\_\_\_ ADDRESS: **CONFIRMATION FORM** 

#### E.

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:** 

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

NAM	IE (PRINT): Randy Kloberdan?		
	ATURE:	DATE:_	2-17-14
After Adm	completing SECTION 2, APPLICANT should submit form to inistrator/Manager or his/her representative for review.	o Floodplain	
SECT Adm	FION 3: FLOODPLAIN DETERMINATION (to be continued in the	mpleted by	y Floodplain
THE	PROPOSED DEVELOPMENT:		
THE	PROPOSED DEVELOPMENT IS LOCATED ON:		
FIRM	Panel:		
Dated	d:		
[] reviev	Is <u>NOT</u> located in a Specific Flood Hazard Area (Notify a w is complete and <b>NO FLOOPLAIN DEVELOPMENT PERMI</b>	pplicant tha T IS REQUIR	t the application
[]	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 Such

DATE 340-14

# 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 elevationFt. 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.
0	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:	
Administra	MIT DETERMINATION (To be completed by Floodplain ator/Manager or his/her representative)
provisions of County on M	mined that the proposed activity (type is or is not) in conformance with the Floodplain Ordinance adopted by the County Commission of Doddridge lay 21, 2013. The permit is issued subject to the conditions attached to and this permit.
SIGNED	DATE
with the pro	lain Administrator/Manager found that the above was not in conformance visions of the Doddridge County Floodplain Ordinance and/or denied that 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:

Ţ	crawl space isFT. NGVD (MSL)
2	Actual (As Built) elevation of floodproofing isFT. NGVD (MSL)
Note appli	e: Any work performed prior to submittal of the above information is at risk of the icant.
SECT	TION 7: COMPLIANCE ACTION (To be completed by the Floodplain
Adm	ninistrator/Manager or his/her representative).
as ap	Floodplain Administrator/Manager or his/her representative will complete this section plicable based on inspection of the project to ensure compliance with the Doddridge sty Floodplain Ordinance.
II	NSPECTIONS:
	DATE:BY: DEFICIENCIES ? Y/N
	OMMENTS
<u>SECT</u>	ION 8: CERTIFICATE OF COMPLIANCE (To be completed by Floodplain
<u>Adm</u>	inistrator/Manager or his/her representative).
Certifi	icate 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.	N `
COMPLIANCE IS HEREBY CERTIFIED WITH THE REQUIF	REMENT OF THE
FLOODPLAIN ORDINANCE ADOPTED BY THE COUNTY COMN DODDRIDGE COUNTY ON MAY 21, 2013.	AISSION OF
SIGNED	

### WV Flood Map



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 1027 feet

**Location (long, lat):** 80.852588 W, 39.241560 N **Location (UTM 17N):** (512721, 4343594) **FEMA Issued Flood Map:** 54017C0225C

Contacts: Doddridge County

CRS Information: No CRS information available

Parcel Number:

## PRIMM DRILL PAD SITE AS-BUILT PLAN & PROFILE

### ANTERO RESOURCES CORPORATION



**OXFORD & WEST UNION 7.5 QUADS** 

AFFECTED TAX PARCELS: OLIN E & MARY PRIMM

PROJECT LOCATION

SITE LOCATIONS STATE PLANE NAD 83 (WV NORTH ZONE)

DESCRIPTION	AREA
MAIN ACCESS ROAD TO PADS AND TO SPOIL	2.38
DRILL PAD	4.11
TANK / SPOIL PAD	1.54
TOPSOIL PAD	1.33

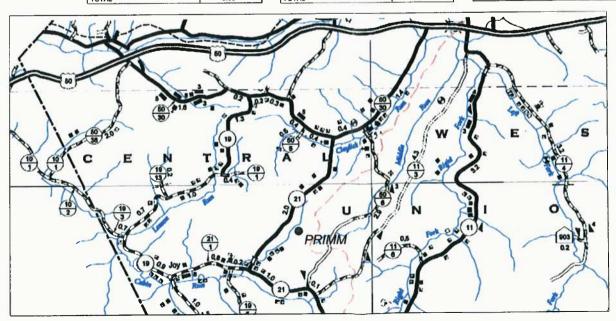
WATERSHED (HUC8): LITTLE KANAWHA WATERSHED

DESCRIPTION	FEET
COUNTY ROUTE TO CRILL PAD	1,200
MAIN ROUTE TO SPOIL PAD	600
DRILL PAD TO TANK FARM	400
TOTAL	2.200

DB 178 PG 222 TM 12 PARCEL 17 CENTRAL DISTRICT

DESCRIPTION	LINEAR FEET
RPW PERENNIAL	67
NRPW EPHEMERAL	0
RPW INTERMITTENT	220
PEM WETLANDS	0.009 AC
TOTAL	287

PROJECT LOCATION SCALE 1" = 2000'



	NORTH	EAST	LATITUDE	LONGITUDE
AHOUSE UNIT 1H	272957.8122	1585430.6582	39-14-29.3936	-80-51-09.2333
AHOUSE UNIT 2H	272950.3946	1585423.9434	39-14-29.3193	-80-51-09.3172
CALLIE UNIT 1H	272942.9720	1585417.2286	39-14-29.2449	-80-51-09.4011
CALLIE UNIT 2H	272935.5594	1585410.5139	39-14-29.1707	-80-51-09.4851
FUTURE WELL 1	272928,1580	1585403.8137	39-14-29.0965	-80-51-09.5688
FUTURE WELL 2	272920.7404	1585397.0989	39-14-29.0222	-80-51-09.6527
FUTURE WELL 3	272913.3309	1585390.3914	39-14-28.9480	-80-51-09.7365
FUTURE WELL 4	272905.9133	1585383.6766	39-14-28.8737	-80-51-09.8205
AHOUSE UNIT 3 (VERTICAL)	272898.5038	1585376.9692	39-14-28.7994	-80-51-09.9043

#### WELL LOCATION RESTRICTIONS

THE PAD AND TANK FARM COMPLIES WITH THE FOLLOWING RESTRICTIONS

-250' FROM AN EXISTING WELL OR DEVELOPED SPRING USED FOR HUMAN OR DOMESTIC ANIMALS -625' FROM AN OCCUPIED DWELLING OR BARN GREATER THAN 2500SF 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.

ARMY CORP OF ENGINEERS NATIONWIDE 39 PERMIT AND APPROPRIATE STATE PERMITS REQUIRED FOR WETLAND AND STREAM DISTURBANCE.

-300' FROM EDGE OF DISTURBANCE TO NATURALLY REPRODUCING TROUT STREAMS -1000' OF SURFACE OR GROUND WATER INTAKE TO A PUBLIC WATER SUPPLY

FLOODPLAIN CONDITIONS					
DO SITE CONSTRUCTION ACTIVITIES TAKE PLACE IN FLOODPLAIN:					
PERMIT NEEDED FROM COUNTY FLOODPLAIN COORDINATOR:					
HEC-RAS STUDY COMPLETED:					
FLOODPLAIN SHOWN ON DRAWINGS:					
FIRM MAP NUMBER(S) FOR SITE:	54017C0225C				
ACREAGES OF CONSTRUCTION IN FI	OODPLAIN:	N/A			

SHEET INDEX	1
COVER PAGE & LOCATION MAP	
FINAL AS-BUILT SITE	
AS-BUILT ACCESS ROAD PROFILE	

DESIGN CERTIFICATION

THE DRAWINGS, CONSTRUCTION NOTES, AND REFERENCE DIAGRAMS ATTACHED HERETO HAVE BEEN PREPARED IN ACCORDANCE WITH THE WEST VIRGINIA CODE OF STATE RULES, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS §35-4-21.

ANTERO RESOURCES WILL OBTAIN AN ENCROACHMENT PERMIT (MM-109) FROM THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.



10-21-2013



SITE AS-BUILT PLAN & PROFILE

			6
			DATE
			REMSION
			REV
	L		

PRIMM DRILL PAD

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

MISS UTILITY OF WEST VIRGINIA 1-800-245-4848 WEST VIRGINIA STATE LAW REQUIRES THAT YOU CALL TWO BUSINESS DAYS BEFORE YOU DIG IN THE STATE OF WEST VIRGINIA IT'S THE LAW!

PROJECT CONTACTS

ANTERO RESOURCES

304-622-3842, EXT. 311

405-277-8344 SURVEYOR & ENGINEER

LEE SNYDER, P.S. TIMOTHY T. WHITE, P.E.

JOHN KAWCAK, ENGINEER

ANTHONY SMITH, FIELD ENGINEER 304-869-3405 OFFICE 304-873-6196 CELL

ELI WAGONER, ENVIRONMENTAL ENGINEERF

AARON KUNZLER, CONSTRUCTION SUPERVISOR

WHITE BROTHERS CONSULTING, LLC

