

Doddridge County Sheriff
Flood Plain Ordinance Fund

1051


69-217/515

DATE August 20, 2013

PAY TO THE
ORDER OF ANTERO RESOURCES

\$ 5,748.18

Five Thousand Seven Hundred Fourty-Eight Dollars and 18/100-----DOLLARS

 Security features
included.
Details on back.



Ralph Sandow
Beth A. Rogers
MP

MEMO #13-057 Antero/Nash Pad

⑈00105⑈ ⑆051502175⑆ 11009649009⑈

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. 270

Date: August 9, 2013
Customer copy

Received: #13-057 antero nash pad

\$5,998.08

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	Aug-01-2013	34811	\$5,998.08

VOUCHER	VENDOR INV #	INV DATE	TOTAL AMOUNT	PRIOR PMTS & DISCOUNTS	NET AMOUNT
08-AP-309	NASHPAD	08/01/13	5,998.08	0.00	5,998.08
	NASH PAD- FLOOD PLAIN PERMIT				
	TOTAL INVOICES PAID				5,998.08

13-057

Nash Pad - Doddridge County Flood plain Permit

DETACH AND RETAIN FOR TAX PURPOSES

Doddridge County Flood Plain Refund Calculator (if not in Flood Plain)**Nash Pad**

Estimated Construction Costs	\$899,615.29
Amount over \$100,000	799,615.29
Drilling Oil and Gas Well Fee	1,000.00
Deposit for additional charges	1,000.00
\$5 per \$1,000 over \$100,000	3,998.08
Amount Due with application	5,998.08
95% of Application Fee minus \$1,000 deposit	4,748.17
Cost for Permit	249.90
Total Refund (Includes 100% of 1,000 deposit)	\$5,748.17



August 1, 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 Corporation (Antero) would like to submit a Doddridge County Floodplain permit application for our Nash Pad. Our project is located in Doddridge County, West Union and Grant District and per FIRM map #54017C0140C & #54017C0130C, this location is not within the floodplain.

Attached you will find the following:

- Doddridge County Floodplain Permit Application & Required Permit Fees
- 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 Redican
Permit Representative
Antero Resources Corporation

Enclosures

2013 AUG -2 PM 2:05
DODDRIDGE COUNTY, WV

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 AUG -2 2:00 PM
 DODDRIDGE COUNTY
 PERMITTING DEPARTMENT
 FILED

APPLICANT'S SIGNATURE _____

DATE August 1, 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 - Shauna Redican,
Permit Representative

APPLICANT'S NAME: _____

ADDRESS: 1625 17th Street, Denver, CO 80202

TELEPHONE NUMBER: Contact Shauna Redican: 303-357-6820

DODDRIDGE COUNTY FLOODPLAIN DEVELOPMENT PERMIT APPLICATION

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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 Ward McNeilly

DATE August 5, 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 Corporation - Ward McNeilly, VP of Engineering
 APPLICANT'S NAME: _____
 ADDRESS: 1625 17th Street, Denver, CO 80202
 TELEPHONE NUMBER: Contact Shauna Redican: 303-357-6820

BUILDER'S NAME: Antero Resources Appalachian Corporation
ADDRESS: 1625 17th Street, Denver, CO 80202
TELEPHONE NUMBER: (303) 357-7310

ENGINEER'S NAME: Navitus Engineering Inc - Cyrus Kump
ADDRESS: 151 Windy Hill Lane, Winchester, Virginia 22602
TELEPHONE 888-662-4185

PROJECT LOCATION:

NAME OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT): Please see attached Firm Map with Landowner Tabulation
ADDRESS OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT): Please see attached Firm Map with Landowner Tabulation

DISTRICT: West Union and Grant

DATE/FROM WHOM PROPERTY

PURCHASED: N/A

LAND BOOK DESCRIPTION:

DEED BOOK REFERENCE: Please see attached Firm Map with Landowner Tabulation
TAX MAP REFERENCE:

EXISTING BUILDINGS/USES OF PROPERTY: None

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

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

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

DESCRIPTION OF WORK (CHECK ALL APPLICABLE BOXES)

A. STRUCTURAL DEVELOPMENT

ACTIVITY

STRUCTURAL TYPE

<input checked="" type="checkbox"/>	New Structure	<input type="checkbox"/>	Residential (1 – 4 Family)
<input type="checkbox"/>	Addition	<input type="checkbox"/>	Residential (more than 4 Family)
<input type="checkbox"/>	Alteration	<input type="checkbox"/>	Non-residential (floodproofing)
<input type="checkbox"/>	Relocation	<input type="checkbox"/>	Combined Use (res. & com.)
<input type="checkbox"/>	Demolition	<input type="checkbox"/>	Replacement
<input type="checkbox"/>	Manufactured/Mobil Home		

B. OTHER DEVELOPMENT ACTIVITIES:

- Fill Mining Drilling Pipelining
- Grading
- Excavation (except for STRUCTURAL DEVELOPMENT checked above)
- Watercourse Altercation (including dredging and channel modification)
- Drainage Improvements (including culvert work) *Replace existing culvert as shown on pages 6-9 of attached Kirk Pad Design
- Road, Street, or Bridge Construction *Access Road Construction as shown on pages 6-9 of attached Kirk Pad Design
- 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 \$899,615.29

*See attached Floodplain Calculation Fee

D. ADJACENT AND/OR AFFECTED LANDOWNER:

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 Firm Map with
ADDRESS: _____ Landowner Tabulation

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: N/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.

- (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

SIGNATURE: *W. McNeilly* DATE: 8/1/2013

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 + 140

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 _____
 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 *Dan Wellman*

DATE 08/05/2013

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 _____ 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** _____

**ANTERO RESOURCES APPALACHIAN CORPORATION
SCHEDULE OF QUANTITIES**

**NASH
WELL PAD**

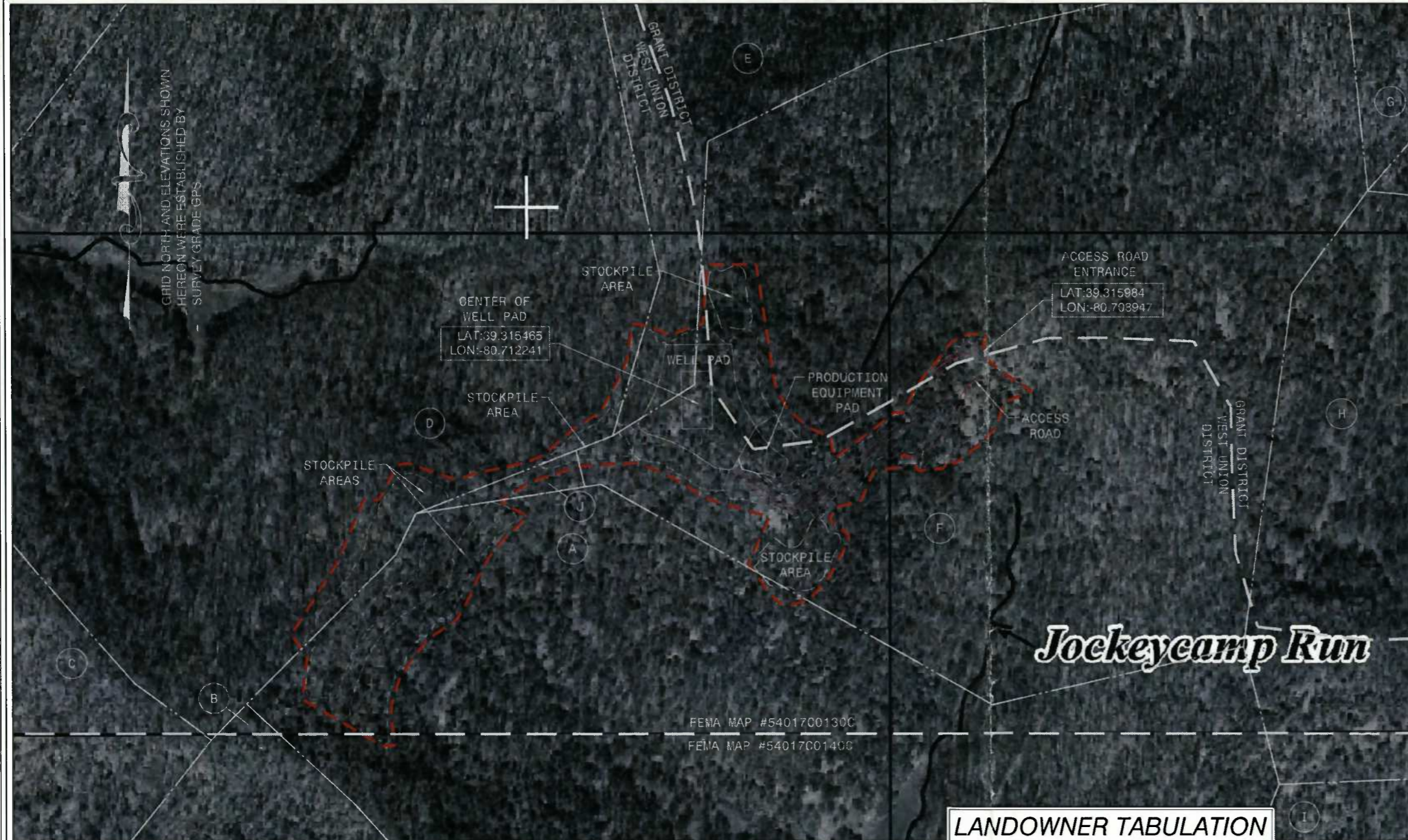
CLEARING & GRUBBING; EROSION & SEDIMENT CONTROLS				
	QUANTITY	UNIT		
MOBILIZATION	1.0	EA	\$17,510.00	\$17,510.00
CONSTRUCTION ENTRANCE	1.0	EA	\$2,517.00	\$2,517.00
CLEARING & GRUBBING	22.84	AC	\$3,821.00	\$87,271.64
TREE REMOVAL	21.00	AC	\$4,422.00	\$92,862.00
8" COMPOST FILTER SOCK		LF		\$0.00
12" COMPOST FILTER SOCK	5332.9	LF	\$4.00	\$21,331.60
18" COMPOST FILTER SOCK		LF		\$0.00
24" COMPOST FILTER SOCK		LF		\$0.00
32" COMPOST FILTER SOCK	586.1	LF	\$14.00	\$0.00
TOTAL				\$221,492.24
SITE				
	QUANTITY	UNIT		
DRILL PAD EXCAVATION	90352.1	CY	\$4.00	\$361,408.40
ACCESS ROADS EXCAVATION	4522.5	CY	\$4.00	\$18,090.00
PRODUCTION EQUIPMENT PAD EXCAVATION	3053.5	CY	\$4.00	\$12,214.00
TOPSOIL	6929.1	CY	\$4.00	\$27,716.40
DIVERSION DITCH		LF		\$0.00
ROADSIDE DITCH	932.8	LF	\$4.00	\$3,731.38
TOTAL				\$423,160.18
SUMP(S) PER ANTERO RESOURCES STANDARD DETAIL				
	QUANTITY	UNIT		
INSTALL 102" x 78" x 44" PRE CAST SUMP - SEE ANTERO RESOURCES SUMP DETAIL	5.0	EA	\$775.00	\$3,875.00
VALVE BOX HDPE PIPE (MINIMUM 12" DIAMETER x 48" HEIGHT)	5.0	EA	\$414.00	\$2,070.00
4" PVC CONNECTIVE PIPE (ANTERO SUMP DRAIN DETAIL)	105.5	LF	\$10.00	\$1,055.00
TOTAL				\$7,000.00
AGGREGATE SURFACING - SPREADING, COMPACTION, and/or INSTALLATION				
	QUANTITY	UNIT		
DRILL PAD AASHTO #1 (8" THICK)	3469.8	TON	\$3.00	\$10,409.40
DRILL PAD 1 1/2" or 3/4" CRUSHER RUN STONE (2" THICK)	868.8	TON	\$3.00	\$2,606.40
DRILL PAD GEOTEXTILE FABRIC (US 200)	10357.6	SY	\$1.00	\$10,357.61
ACCESS ROADS 6" OR 4" MINUS CRUSHER RUN AGGREGATE (8" THICK)	1692.3	TON	\$3.00	\$5,076.90
ACCESS ROAD 1 1/2" OR 3/4" CRUSHER RUN STONE (2" THICK)	423.8	TON	\$3.00	\$1,271.25
ACCESS ROADS GEOTEXTILE FABRIC (US 200)	5051.6	SY	\$1.00	\$5,051.64
*INSTALL TENSAR TX190 GEOGRID or EQUIVALENT		SY		\$0.00
PRODUCTION EQUIPMENT PAD 6" OR 4" MINUS CRUSHER RUN AGGREGATE (8" THICK)	550.8	TON	\$3.00	\$1,652.40
PRODUCTION EQUIPMENT PAD 1 1/2" or 3/4" CRUSHER RUN AGGREGATE (2" THICK)	137.9	TON	\$3.00	\$413.55
PRODUCTION EQUIPMENT PAD GEOTEXTILE FABRIC (US 200)	1644.2	SY	\$1.00	\$1,644.18
*INSTALL TENSAR TX190 GEOGRID or EQUIVALENT		SY		\$0.00
TOTAL				\$38,483.33
ROAD CULVERTS				
	QUANTITY	UNIT		
15" HDPE	251.5	LF	\$20.00	\$5,030.00
R4 RIP RAP (INLETS/OUTLETS)	356.6	TON	\$29.00	\$10,341.40
AASHTO #1 STONE (DITCH CHECKS)	9.0	TON	\$52.00	\$468.00
DITCH LINING - (ACCESS ROAD) SYNTHETIC MATTING (TRM)	182.9	SY	\$4.00	\$731.64
DITCH LINING - (ACCESS ROAD) 4" RIP-RAP	173.2	TON	\$17.00	\$2,944.40
TOTAL				\$19,515.44

ANTERO RESOURCES APPALACHIAN CORPORATION
SCHEDULE OF QUANTITIES

**NASH
WELL PAD**

SEEDING				
	QUANTITY	UNIT		
SITE SEEDING (LIME, FERTILIZER, SEEDING, AND HYDRO-MULCH w/TACK (HYC-2 OR EQUAL))	19.3	AC	\$3,302.00	\$63,728.60
TOTAL				\$63,728.60
UNFORESEEN SITE CONDITIONS				
	QUANTITY	UNIT		
*ROCK CLAUSE - BLASTING		CY		\$0.00
*ROCK CLAUSE - HOE RAMMING		CY		\$0.00
*FRENCH DRAINS		FT		\$0.00
*PHASE 1 FENCING - STEEL CORRUGATED PANELS w/"T" POST (10 FT CENTERS) - WETLAND PROTECTION		LF		\$0.00
*PHASE 2 FENCING - SILT FENCE AND OR FILTER SOCK OUTSIDE OF PHASE 3 FENCING - WETLAND PROTECTION		LF		\$0.00
*PHASE 3 FENCING - ORANGE SAFETY FENCE w/"T" POST (10FT CENTERS) - WETLAND PROTECTION		LF		\$0.00
*SILT FENCE		LF		\$0.00
*TEMPORARY SEEDING		AC		\$0.00
*CONSTRUCTION STAKEOUT		HOUR		\$0.00
* JUTE MATTING - SLOPE MATTING	63117.7	SY	\$2.00	\$126,235.49
TOTAL				\$126,235.49
	GRAND TOTAL			\$899,615.29

FIRM EXHIBIT



LANDOWNER TABULATION

<p>A TM 9-3 DOUGLAS R. & SUSAN A. MILLER DB 204 PG 252 96.5 ACRE RT 2 BOX 24B WEST UNION, WV 26456</p>	<p>D TM 8-39 SIDNEY W. UNDERWOOD AP 09 PG 074 DB 106 PG 502 99.3 ACRE 2215 PINEVIEW DRIVE NORTH PARKERSBURG, WV 26104</p>	<p>G TM 13-13 FRANCES LORENZA SWENTZEL WB 26 PG 361 32.8 ACRE RT 2 BOX 159 WEST UNION, WV 26456</p>	<p>J TM 9-1 DOUGLAS R. & SUSAN A. MILLER DB 204 PG 252 .75 ACRE RT 2 BOX 24B WEST UNION, WV 26456</p>
<p>B TM 12-15 JOHN C. COULEHAN HEIRS, ET AL DB 167 PG 766 100 ACRE 445 CRESTVIEW ROAD SOUTHERN PINES, NC 28387</p>	<p>E TM 13-12 SIDNEY W. UNDERWOOD DB 106 PG 502 86.9 ACRE 2215 PINEVIEW DRIVE NORTH PARKERSBURG, WV 26104</p>	<p>H TM 13-17 DWIGHT E. & TINA M. MOORE DB 222 PG 87 111.04 ACRE RT2 BOX 152A WEST UNION, WV 26456</p>	
<p>C TM 8-51 ROBERT L. HOLLAND DB 167 PG 169 108.94 ACRE PO BOX 425 WEST UNION, WV 26456</p>	<p>F TM 9-2 ROBERT M. & BETTY J. HAUG DB 283 PG 144 88.5 ACRE 205 BEECH ST. WEST UNION, WV 26456</p>	<p>I TM 9-4 CELEITA A. KRAMER DB 250 PG 562 100.4 ACRE RT 2 BOX 24A WEST UNION, WV 26456</p>	

PANEL 0140C

FIRM

FLOOD INSURANCE RATE MAP
DODDRIDGE COUNTY,
WEST VIRGINIA
AND INCORPORATED AREAS

PANEL 140 OF 325
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
DODDRIDGE COUNTY	540024	0140	C

MAP NUMBER
54017C0140C
MAP REVISED
OCTOBER 4, 2011
 Federal Emergency Management Agency

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

PANEL 0130C

FIRM

FLOOD INSURANCE RATE MAP
DODDRIDGE COUNTY,
WEST VIRGINIA
AND INCORPORATED AREAS

PANEL 130 OF 325
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
DODDRIDGE COUNTY	540024	0130	C

MAP NUMBER
54017C0130C
MAP REVISED
OCTOBER 4, 2011
 Federal Emergency Management Agency

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

200 0 200
GRAPHIC SCALE (IN FEET)

FLOODPLAIN NOTE
THE PROPOSED SITE IS LOCATED IN FLOODPLAIN ZONE "X" PER FEMA MAPS NUMBER #54017C0130C AND #54017C0140C.

Engineering Survey Environmental GIS

NAVITUS ENGINEERING INC.

151 Windy Hill Lane
Martinsburg, WV 26102
Telephone: (866) 665-4185
www.navituseng.com

DATE	REVISION

FIRM EXHIBIT

NASH

WELL PAD
WEST UNION & GRANT DISTRICTS
DODDRIDGE COUNTY, WEST VIRGINIA

ANTERO RESOURCES CORPORATION
THIS DOCUMENT WAS PREPARED FOR:
ANTERO RESOURCES CORPORATION

DATE: 07/12/2013
SCALE: 1" = 200'
SHEET 1 OF 1