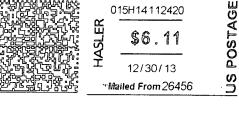
Dan Wellings Doddridge Co Flood Plain MGT Room 102 118 East Court St. West Union, WV 26456



7013 2250 0001 6914 7547







EIN I GELL	OF ENVELOPE TO	HUUA NHUTA	7 7111 10	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse	A. Signature Agent Address
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.	B. Received by (Printed Name) C. Date of Deliver
Article Addressed to: #13-108	D. Is delivery address different from item 1?
Shirley Gessler HC 67 Box 81 West Union, WV 26456	
	3. Service Type ACCONTIFIED Mail
	4. Restricted Delivery? (Extra Fee) Yes
2. Article Number (Transfer from service label) 7013 2250	1 0001 6914 7547
PS Form 3811, February 2004 Domestic R	eturn Receipt 102595-02-M-1

Legal Advertisement:

Doddridge County

Floodplain Permit Application

Please take notice that on the 30th day of December, 2013

EQT – MOPA-S003 PIPELINE DODDRIDGE/TYLER CO. #13-108

filed an

application for a Floodplain Permit to develop land located at or about: SURFACE OWNERS: SHIRLEY GESSLER & STANLEY JORDAN, ET UX GRANT DISTRICT, D/B: 285/540, W/B 42/132,& T/M: 03-2-11 & 03-5-32

The Application is on file with the Clerk of the County Court and may be inspected or copied during regular business hours.

Any interested persons who desire to comment shall present the same in writing by January 20, 2014.

Delivered to the:

Clerk of the County Court

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

Beth A Rogers, Doddridge County Clerk

Dan Wellings, Doddridge County Flood Plain Manager

(Domestic Mail O	MAIL _{IM} RECEIPT nly; No Insurance Coverage Provided)
For delivery informa	tion visit our website at www.usps.com®
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Postage	\$.46
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Total Postage & Fees	\$ 6.11 #13-108
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7013	Street, Apt. No.; or PO Box No. HC	67	Box	81	
~	City, State, ZIP+4 We	est	Uni	on, W	V 26456
	PS Form 3800. August 2	006			See Reverse for Instructions

7013

PS Form 3800. August 2006



Commercial/Industrial Floodplain Development Permit

Doddridge County, WV Floodplain Management

This permit has been issued to **EQT Production Company**, and is for the approved commercial and/or industrial development project associated with this permit that impacts the FEMA-designated floodplain and/or floodway of Doddridge County, WV, pursuant to the rules and regulations established by all applicable Federal, State and local laws and ordinances, including the Doddridge County Floodplain Ordinance. This permit must be posted at the site of work as to be clearly visible, and must remain posted during entirety of development.

Permit: #13-108 ~ EQT Production Company ~ MOPA-S003 Pipeline

Issued to: EQT Production Company POC: Megan Landfried 304-841-0061

Company Address: 4955 Steubenville Pike STE 305

Pittsburgh, PA 15205

Project Address: West Union District

Lat/Long: 39.388298N/80.817647W to 39.371275N/80.718758W

Purpose of development: Pipeline construction project extension.

Issued by: Edwin L. "Bo" Wriston, Doddridge County FPM (or designee)

Date: 03/03/2015

By: BH - MEH - AML

Michael Headley

Asst. Chief Tax Deputy

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. 1163

Date:

December 30, 2013

Customer copy

Received: #13-108 eqt & kleinfelder MOPA-S003 P/L Dodd / Tyler

\$1,190.00

In Payment For:

Building Permits (LP)

For:

12-Flood Plain Ordinance #20

Fund

By: BH - MEH - AML

Michael Headley

Asst. Chief Tax Deputy

Sheriff of Doddridge County

DODDRIDGE COUNTY FLOODPLAIN DEVELOPMENT PERMIT

PURPOSE FOR PERMIT: PIPELINE MOPA - 5003 ISSUED TO EQT 115 Professional Place ADDRESS: Bridge Poit WV 26330 PROJECT ADDRESS: B16 FLINT + BRUSH RUN ISSUED BY: DAN DANGER FROM ISSUED DATE. PERMIT EXPIRES IN 12 MONTHS FROM ISSUED DATE. IF EXTENTION IS NEEDED A REQUEST MUST BE MADE IN WRITING STATING A REASON FOR THE EXTENTION.

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

Legal Advertisement:

Doddridge County

Floodplain Permit Application

Please take notice that on the 30th day of December, 2013

EQT – MOPA-S003 PIPELINE DODDRIDGE/TYLER CO. #13-108

filed an

application for a Floodplain Permit to develop land located at or about: SURFACE OWNERS: SHIRLEY GESSLER & STANLEY JORDAN, ET UX GRANT DISTRICT, D/B: 285/540, W/B 42/132,& T/M: 03-2-11 & 03-5-32

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

Delivered to the:

the same in writing by January 20, 2014.

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

P. 01

TRANSACTION REPORT

DEC-30-2013 MON 04:00 PM

FOR:

DODDRIDGE CO. CLERK

304 873 1840

SEND

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Legal Advertisement:

Doddridge County

Floodplain Permit Application

Please take notice that on the 30th day of December, 2013 EQT – MOPA-S003 PIPELINE DODDRIDGE/TYLER CO. #13-108

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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

Delivered to the:

the same in writing by January 20, 2014.

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



Mr. Edwin "Bo" Wriston
Doddridge County Floodplain Coordinator
Doddridge County Commission
118 East Court Street
West Union, West Virginia 26456

March 3, 2015

RE: Floodplain Permit Time Extension Request EQT Gathering, LLC MOPA-S003 Pipeline Project Permit No. 13-108

Megan Jordanied Neglan

Mr. Wriston,

Pursuant to the requirements of the above referenced permit, EQT Gathering, LLC submits this letter to request a time extension for the existing floodplain permit for the MOPA-S003 Pipeline Project (Permit # 13-108) approved on January 22, 2014. EQT would like to extend the permit through October 2015.

Please feel free to contact me at 724-873-3645 or at mneylon@eqt.com should you have any questions or comments.

Sincerely,

Megan Landfried Neylon

Sr. Environmental Coordinator



December 19, 2013

Mr. Dan Wellings Floodplain Coordinator Doddridge County Commission 118 East Court Street West Union, WV 26456



Re: Doddridge County Floodplain Development Permit Application

MOPA-S003 Pipeline Project Doddridge and Tyler Counties, West Virginia EQT Gathering, LLC

Dear Mr. Wellings:

EQT Gathering, LLC (EQT) is proposing to install the 7.5-mile, 16-inch diameter steel, natural gas pipeline and associated access roads in Doddridge and Tyler Counties, West Virginia (Figure 1). The proposed MOPA-S003 pipeline (Project) will tie into a proposed EQT Production Company Meter Site to the west and the proposed MOPA-S001 Pipeline Project to the east. Kleinfelder East, Inc. (Kleinfelder), on behalf of EQT, has enclosed a Doddridge County Floodplain Development Permit Application for your review and approval along with a permit fee detail sheet and check in the amount of \$1,190.00.

A list of property owners located along the centerline and adjacent to the Project is included as Attachment A.

The Project location maps (Figure 1 - USGS Topographic Map and Figure 2 - Aerial Imagery Map) depict the proposed right of way (ROW) associated with the pipeline construction activities. A description of the pipeline construction activities is included as Attachment B.

The Flood Hazard Map (Attachment C) depicts locations where temporary construction activities will enter and exit the floodplain. Approximately 310 feet of an existing temporary access road with a low water crossing and 460 feet of proposed pipeline will be inside the floodplain with a temporary construction disturbance of 0.20 acres. Following completion of the pipeline installation activities, the Project ROW will be restored to pre-construction contours and no permanent structures will be constructed; therefore, there will be no change to the base

flood elevations. In addition, the West Virginia Flood Tool Maps for these proposed floodplain crossing locations are included as Attachment D.

We appreciate your timely review of this request. Please contact Matt Albright (724-831-5101) or Megan Landfried (304-848-0061) with any questions.

Respectfully submitted,

matthing. aught

Matthew J. Albright **Project Manager**

c: Megan Landfried, EQT

cc: Thomas J. Cooper, Tyler County Office of Emergency Management

Enclosures (7)

Doddridge County Floodplain Development Permit Application/Detail Sheet/Check

Figure 1 - General Vicinity Map Figure 2 - Aerial Imagery Map

Attachment A – Property Owner Table
Attachment B – Pipeline Construction Description
Attachment C – Floodplain Map
Attachment D – West Virginia Flood Tool Maps

TQT MOPA-5003 P/L Daddridge/Tyler # 13-108

DODDRIDGE COUNTY

FLOODPLAIN DEVELOPMENT PERMIT APPLICATION

SECTION 1: GENERAL PROVISIONS (APPLICANT TO REAL 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 is
- 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 requirements.
- 7. Applicant hereby gives consent to the Floodplain Administrator/Manager or his 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

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: EQT Gathering, LLC c/o Megan Landfried

ADDRESS: 115 Professional Place, Bridgeport, WV 26330

TELEPHONE NUMBER: 304-848-0061

BUILDER'S NAME: EQT Gathering, LLC

ADDRESS: 115 Professional Place, Bridgeport, WV 26330

TELEPHONE NUMBER: <u>304-841-2086</u>

ENGINEER'S NAME: Troy Daniel, P.E.

ADDRESS: 555 Market Avenue North, Suite 100, Canton, OH 44702

TELEPHONE NUMBER: <u>330-453-2230, ext. 804</u>

PROJECT LOCATION:

NAME AND ADDRESSES FOR SURFACE OWNER/OWNERS (IF NOT THE APPLICANT) See Attachment A

DISTRICT: Grant

DATE/FROM WHOM PROPERTY PURCHASED: N/A

LAND BOOK DESCRIPTION: See Attachment A

DEED BOOK REFERENCE: See Attachment A

TAX MAP REFERENCE: See Attachment A

EXISTING BUILDINGS/USES OF PROPERTY: N/A

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

ADDRESS OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON THE SUBJECT PROPERTY See Attachment 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 **New Structure** Residential (1—4 Family) Addition Residential (more than 4 Family) Alteration Non-residential (floodproofing) Relocation Combined Use (res. & corn.) **Demolition** Replacement Manufactured/Mobil Home OTHER DEVEOPLMENT ACTIVITIES: В. ___ 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)

C. STANDARD SITE PLAN OR SKETCH

Individual Water or Sewer System

Other (please specify)

- 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 1/2 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 \$138,000.00.

- 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).

See Attachment A

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: See Attachment A	NAME:
ADDRESS:	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):	Megan Landfried		
SIGNATURE:	May E Jad)	DATE: _	12/14/13

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

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

THE	PROPOSED DEVELOPMENT:
THE	PROPOSED DEVELOPMENT IS LOCATED ON:
FIRM Date	Description of the second of
	Is NOT located in a Specific Flood Hazard Area (Notify applicant that application review is complete and NO FLOOPLAIN DEVELOPMENT MIT IS REQUIRED).
	Is located in Special Flood Hazard Area. FIRM zone designation 100-Year flood elevation is: NGVD (MSE)
[]	Unavailable
[]	The proposed development is located in a floodway. FBFM Panel No Dated
[]	See section 4 for additional instructions.

SIGNED DATE 0/22/2014

SECTION 4: ADDITIONAL INFORMATION REQUIRED (To be completed by Floodplain Administrator/Manager or his/her representative)

The applicant must submit the documents checked below before the application can be processed.							
[] dime	A plan showing the location of all existing structures, water bodies, adjacent roads, lot dimensions and proposed development.						
base flood	Development plans, drawn to scale, and specifications, including where applicable: Is for anchoring structures, storage tanks, proposed elevation of lowest floor, (including ment or crawl space), types of water resistant materials used below the first floor, details of proofing of utilities located below the first floor and details of enclosures below the first Also						
	Subdivision or other development plans (If the subdivision or development exceeds 50 or 5 acres, whichever is the lesser, the applicant must provide 100-year flood elevations if are not otherwise available).						
[]	Plans showing the extent of watercourse relocation and/or landform alterations.						
[]	Top of new fill elevation Ft. NGVD (MSL). For flood proofing 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).						

ATTACHMENT A PROPERTY OWNER TABLE

Property Owner Table - Doddridge County Floodplain Permit EQT Gathering, LLC - MOPA-S003 Pipeline Project

Property Owner Name	Mailing Address	Tax Map	Parcel ID	Deed Book Reference	Land Book Description
	HOST PROPERTIES (INSIDE FLOODS	PLAIN)		is and an an an	
Gessler, Shirley	HC 67 Box 81, West Union, WV 26456	03-2-11	422910265	WB42/132	Big Flint 387 AC
Jordan, Stanley K. et ux	Route 2 Box 290, West Union, WV 26456	03-5-32	422904771	DB285/540	Big Flint 4.3 AC
	PROPERTY OWNERS ABUTTING HOST PROPERTIES	- INSIDE FLOO	DPLAIN		
Benedum, Michael	52 Locust St. Salem, WV 26426	03-2-3	422909470	N/A	N/A
Jordan, Stanley L & Loreen V	348 Knights Fork Rd. West Union, WV 26456	03-1-1	422904771	N/A	N/A
Baker, Marty	164 Valley St. Salem, WV 26426	03-2-2	4229010244	N/A	N/A
Kelley, Dwayne E.	71 HC 67, West Union, WV 26456	03-5-5.2	422909204	N/A	N/A
Kelley, Dwayne E.	71 HC 67, West Union, WV 26456	03-5-5	422909205	N/A	N/A
Trent, Stephen W. & Remonda L.	14 Millbrook Road, Bridgeport, WV 26330	03-5-5.1	422909129	N/A	N/A
Trustees Chestnut Grove Church	Route 3, Salem, WV 26426	03-5-30	422909096	N/A	N/A
	PROPERTY OWNERS ABUTTING HOST PROPERTIES -	OUTSIDE FLOO	DDPLAIN		
Trustees Chestnut Grove Church	Route 3, Salem, WV 26426	03-5-30.1	422909080	N/A	N/A
Leasure, Roxann S. & Albert C.	HC 67 Box 73, West Union, WV 26456	03-6-1	422909199	N/A	N/A
Thompson, Jennings Clark & Melissa L	287A RR2 West Union, WV 26456	03-5-4.2	422909233	N/A	N/A
Smith, Robert J	410 Church St. West Union, WV 26456	03-5-9	422909326	N/A	N/A
Hayes, David S. Et Al	Route 14, Salem, WV 26426	03-2-10	422909360	N/A	N/A
Flint O & G Co. A Corp.	Route 14, Salem, WV 26426	03-2-6	422909415	N/A	N/A

ATTACHMENT B PIPELINE CONSTRUCTION DESCRIPTION





PIPELINE CONSTRUCTION DESCRIPTION

MOPA-S003 Pipeline Project

Doddridge County, West Virginia

Construction on the MOPA-S003 Pipeline Project will utilize erosion and sediment (E&S) control measures that consist of compost filter sock, silt fence, right-of-way (ROW) diversions, trench breakers (plugs), silt fence, and temporary and permanent seeding and mulching. Best Management Practice (BMP) specifications from the site-specific E&S control plan (E&SCP) will be utilized by the construction contractor. Straw/hay bales will not be used as an E&S control.

Descriptions of the Pipeline Project construction activities are outlined in the sequence below:

- Prior to beginning land disturbing activities, clearly mark all clearing limits, sensitive areas and their buffers, and trees that are to be preserved within the construction area. These shall be clearly marked, both in the field and on the plans, to prevent damage and offsite impacts.
- 2. Install stone construction entrances at all locations where temporary access roads will be accessing a paved roadway.
- 3. Install temporary E&S controls (silt fence, ROW diversions, etc.) Prior to any excavation work to ensure, to the maximum extent practicable, that no significant erosion or sedimentation occurs.
- ROW diversions and/or other erosion and sediment control devices will be installed as needed. If clearing and grubbing is required, see below regarding the management and disposal of debris.
- 5. After access to and along the proposed utility line has been provided, the general clearing and grubbing of the trees and brush along the ROW for pipe trenching may commence to the width specified in the E&SCP. Trees shall be windrowed on low side of ROW. All pollutants, including waste materials and demolition debris, that occur on-site during construction shall be handled and disposed of in a manner that does not cause contamination of surface waters. Woody debris may be chopped and spread on-site.
- 6. Minor grading within the ROW will be conducted where necessary to provide an even surface for safe and efficient operation of construction equipment. Grading will be the minimum amount necessary and BMPs will be installed promptly. Tree stumps, and large rocks and boulders will also be removed for safety at this time.
- 7. Excavate pipeline trench. Pipeline trench shall be excavated to a width of approximately 5 feet and a minimum cover of 3 feet shall be provided above pipeline at all locations except for wetlands and streams. A minimum cover of 4 feet shall be provided along pipeline at wetland and stream crossings.





- 8. The proposed construction ROW will be used as a work area for equipment movement, and the storage of soil stockpiles, as needs stockpiles, and other materials area to remain upslope of BMPs activities.
- 9. Segregation of topsoil and subsoil will be performed where trench excavation takes place in an agricultural, wetland, or residential area.
- 10. Temporary E&S controls for stream crossings shall be installed at locations shown on the E&SCP and associated detail sheets.
- 11. Stream and river pipeline crossing construction methods will be installed at locations shown on the E&SCP sheets and as specified on the detail sheets. Waterbodies will be crossed with temporary bridges, such as timber mats or approved equal crossings, prior to crossing the conveyance, if flowing water is present at the time of the construction of that waterbody. Stream bank stabilization will be performed immediately following completion of the pipeline installation.
- 12. Wetland crossing widths for utility crossings will be kept to a minimum and will be stabilized by placing timber mats, riprap, or pre-fabricated swamp mats, as shown on the detail sheets. All materials used to stabilize access roads in wetland areas will be removed from the wetland upon completion of the pipeline construction.
- 13. Pipeline sections will be transported to the work area and strung along the working side of the ROW parallel to the trench line. The pipeline will be bent to conform to the trench contour, aligned, welded and placed on temporary supports alongside the trench. Welds will be visually and radio-graphically inspected and repaired as necessary. The pipe section will be lowered into the trench and placed on padding material laid on the trench bottom to protect the pipe coating. Any wetness encountered during construction work will be dewatered by using pumps, hoses, and dewatering bags, and will be discharged to a wellvegetated upland area.
- 14. Install trench breakers (plugs) at locations as shown on the E&SCPs and as specified on the associated detail sheets.
- 15. The trench will be subsequently backfilled with suitable excavated material. The backfill material will be slightly crowned in upland areas to allow for settlement that may occur. Crowning the soil slightly over the pipeline will help prevent future stormwater-related problems from settling of the backfilled area. No crowning of the soils will take place in wetlands, streams, or floodplains, disturbed areas will be restored to their original topographic contours.
- 16. Exposed and unworked soils shall be stabilized by application of effective BMPs that protect the soil from erosive forces of raindrops, flowing water and wind. All disturbed areas that are at final grade must be seeded and mulched within seven days and areas that will not be worked again for 21 days or more must be seeded and mulched within seven days. For disturbed areas with slopes of 3:1 or greater, the area will be vertically tracked and erosion control fabric shall be installed after seed, mulch, and soil supplements have been applied. The temporary/permanent seeding and mulch table on the detail sheets consist of





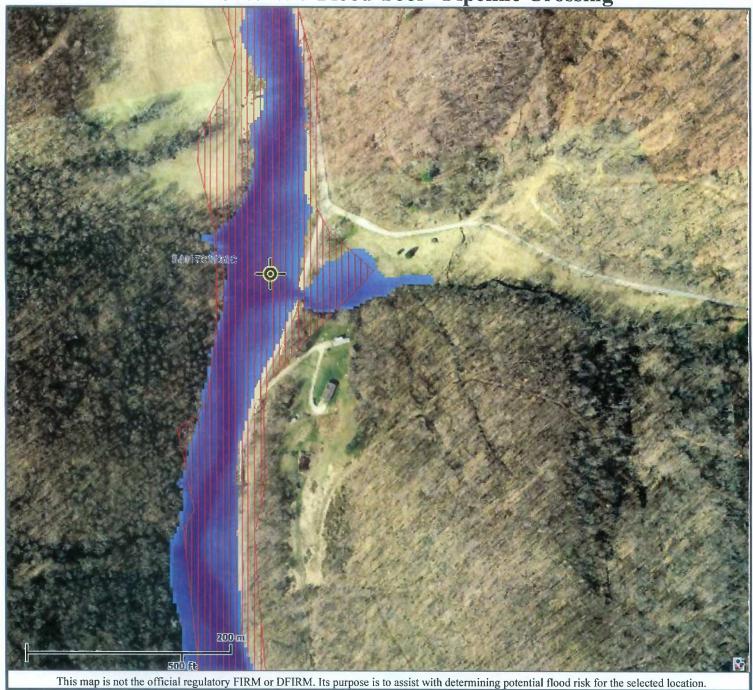
the type of seed and application rate that shall be applied, including shall be used during certain time of the year to promote stabilization perennial seedlings establish.

- 17. In the unlikely event that there are excess excavated materials remain has been backfilled, the material will be disposed of within the existing ROW in an upland area outside of wetlands, streams, and floodplains. Material will be spread in a thin layer and tied into existing contours to create positive drainage for stormwater runoff.
- 18. All E&S controls will be inspected, at a minimum, once every seven calendar days and within 24 hours after any storm event greater than 0.5-inch per 24-hour period until there is a uniform, perennial 70 percent vegetative coverage established. Temporary BMPs will be removed upon achieving vegetative stabilization. The 70 percent requirement refers to the total area vegetated and not a percent of the site.
- 19. No sediment tracking on the roadway is allowed. In the event that sediment is inadvertently tracked onto the road, the road shall be cleaned thoroughly by the end of each day. Sediment shall be removed from roads by shoveling or pickup sweeping and shall be transported to a controlled sediment disposal area. Street washing of sediments to the storm drain system is not allowed. If street wash wastewater can be controlled from entering the storm drainage system, then it shall be pumped back onto the site, contained and disposed of properly.
- 20. Construction access restoration shall be equal or better than the pre-construction condition and grades that were altered during construction activities shall be restored to original grades and match existing drainage patterns.
- 21. Linear construction activities such as right-of-way and easement clearing, roadway development, pipelines, and trenching for utilities, shall be conducted to meet the soil stabilization timeframe requirements. Contractors shall install the bedding materials, roadbeds, structures, pipelines, or utilities and re-stabilize the disturbed soils so that the 7-day requirements are met.

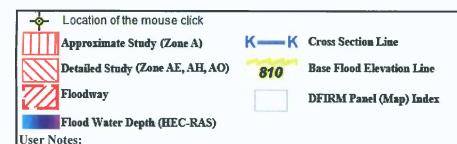
The current base flood elevation at the proposed Flint Run crossings is a maximum of approximately 760 feet. Following completion of the pipeline installation activities, the ROW will be restored to pre-construction contours and no permanent structures will be constructed; therefore, there will be no change to the base flood elevations.

ATTACHMENT C FLOODPLAIN MAP

MOPA-S003 WV Flood Tool - Pipeline Crossing



Map Created on 12/12/2013



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 WITHIN the

FEMA 100-year floodplain.

Flood Zone: A

Advisory Flood Height: About 764 feet

Water Depth: About 6.14 feet (Source: HEC_RAS)

Elevation: About 757 feet

Location (long, lat): 80.719706 W, 39.371128 N

Location (UTM 17N): (524144, 4358000)

FEMA Issued Flood Map: 54017C0130C

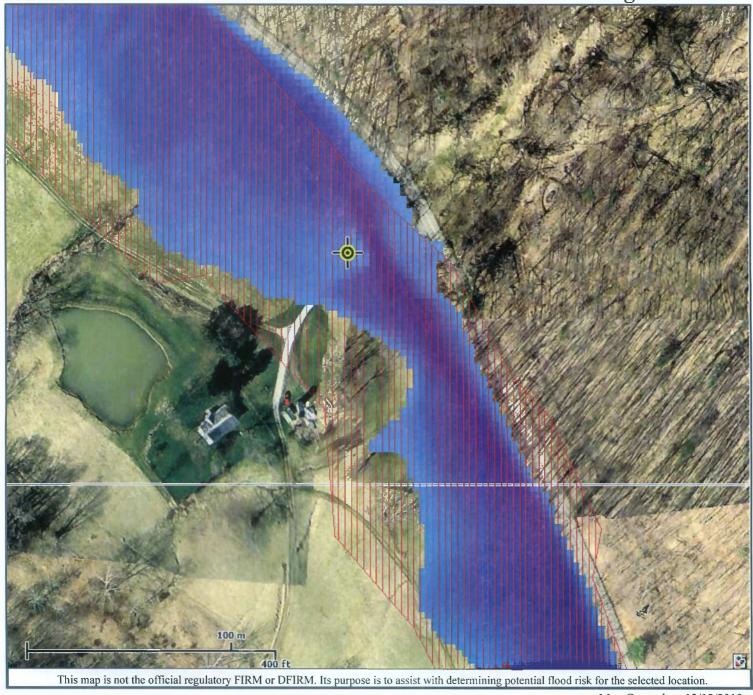
Contacts: Doddridge County

CRS Information: No CRS information available

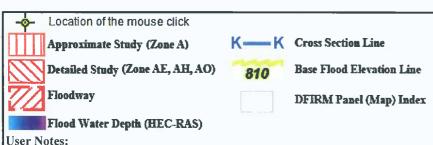
Flood Profile: No Profile
HEC-RAS Model: No Model

Parcel Number:

MOPA-S003 WV Flood Tool - Access Road Crossing



Map Created on 12/12/2013



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 WITHIN the

FEMA 100-year floodplain.

Flood Zone: A

Advisory Flood Height: About 757 feet

Water Depth: About 1.22 feet (Source: HEC RAS)

Elevation: About 756 feet

Location (long, lat): 80.721310 W, 39.376001 N

Location (UTM 17N): (524004, 4358540) FEMA Issued Flood Map: 54017C0040C

Contacts: Doddridge County

CRS Information: No CRS information available

Flood Profile: No Profile **HEC-RAS Model: No Model**

Parcel Number:

ATTACHMENT D WEST VIRGINIA FLOOD TOOL MAPS

<u>Administrat</u>	or/Manager or his/her rep	be completed by Floodplain resentative)
I have dete	rmined that the propose	d activity <u>(type is or is not)</u> in
	•	Floodplain Ordinance adopted by the
·		County on May 21, 2013. The permit is ached to and made part of this permit.
issueu subj	ect to the conditions atta	scried to and made part of this permit.
SIGNED		DATE
conformand Ordinance	ce with the provisions of	lager found that the above was not in the Doddridge County Floodplain cation, the applicant may complete an
APPEALS:	Appealed to the Count	y Commission of Doddridge County?
[] Yes {} No		
	Hearing Date:	
		ision - Approved [] Yes [] No

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 Fleedalain Administrator/Manager or his/her representative will complete this continu
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).
Administrator/manager or marrier representative).
Cartificate of Compliance issued: DATE:
Certificate of Compliance issued: DATE: BY:

CERTIFICATE OF COMPLIANCE FOR DEVELOPMENT IN SPECIAL FLOOD HAZARD AREA (OWNER MUST RETAIN)

	MIT NUMBER:
PURPOSE -	
CONSTRUCTION LOCATION:	
OWNER'S ADDRESS:	
THE FOLLOWING MUST BE COM	IPLETED BY THE FLOODPLAIN
ADMINISTRATOR/MANAGER OR	HIS/HER AGENT.
COMPLIANCE IS HEREBY	Y CERTIFIED WITH THE REQUIREMENT OF THE
FLOODPLAIN ORDINANCE ADOI	PTED BY THE COUNTY COMMISSION OF
DODDRIDGE COUNTY ON MAY 2	21, 2013.
SIGNED	DATE

FIGURES

Permit Fee Detail Sheet EQT Gathering, LLC - MOPA-S003 Pipeline Project

Doddridge County Floodplain Development Permit Application Fee Calculation (Inside Floodplain)		
Estimated Construction Costs	\$138,000.00	
Amount over \$100,000	\$38,000.00	
Deposit for additional charges	\$1,000.00	
\$5 per \$1,000 over \$100,000	\$190.00	
Amount Due with application	\$1,190.00	

