

Floodplain Development Permit

Doddridge County, WV Floodplain Management

This permit gives approval for the development/ project listed 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: #17-459
MOPA-S009 (renewal to #15-400)

Date Approved: April 24, 2017

Expires: April 24, 2018

Issued to: EQM Gathering OpCo, LLC
GAI Consultants

POC: Stephanie Frazier
412-553-5798

Company Address: 625 Liberty Avenue, Suite 1700, Pittsburgh, PA 15222

Project Address: Broad Run/Ralphs Run/Riggins Run, Rt.23 to Big Flint

Firm: 130C & 45C

Lat/Long: 39.410400, -80.663183
39.392887, -80.688098
39.371326, -80.718867

Purpose of development: Pipeline installation, renewal to #15-400

Issued by: George C. Eidel, CPM, OEM Director/Doddridge County FPM (or designee)

Date: April 24, 2017

For additional information regarding this permit, please contact
Doddridge County Floodplain Manager at 304.873.2631, or via email at
doddridgecountyfpm@gmail.com

118 East Court Street; West Union, WV 26456

COPY

gai consultants, inc.
transforming ideas into reality
618 E. South Street, Suite 700
Orlando, FL 32801

403934

Citizens Bank®

EZShield™ Check Fraud
Protection for Business

3-7615/360

CHECK DATE

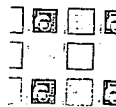
March 3, 2017

COPY

PAY
One Thousand One Hundred Twenty Five and 00/100 Dollars

TO
Doddridge County Commission
118 East Court St
West Union, WV 26456

AMOUNT
1,125.00



[Handwritten Signature]
AUTHORIZED SIGNATURE

Security features. Details on back.

⑈0403934⑈ ⑆036076150⑆ 6101715535⑈

GAI CONSULTANTS, INC.

403934

Check Date: 3/3/2017

Invoice Number	Date	Voucher	Amount	Discounts	Previous Pay	Net Amount
Permit Fee	3/2/2017	0446569	1,125.00			1,125.00
Doddridge County Commission		TOTAL	1,125.00			1,125.00
GAI Citizens Checking - Use 5 this one		201401V000000000 1153				

#17-459

COPY

FLOODPLAIN PERMIT #17-459

EQM Gathering & GAI/ MOPA-S009

(RENEWAL #15-400)

TASK	COMPLETE (DATE)	NOTES
<i>CHECK RECEIVED</i>	X	03-22-17
<i>US ARMY CORP. ENGINEERS (USACE)</i>	X	
<i>US FISH & WILDLIFE SERVICES (USFWS)</i>	X	
<i>WV DEPT. NATURAL RESOURCES (WVDNR)</i>	X	
<i>WV DEPT. ENVIROMENTAL PROTECTION (WVDEP)</i>	X	
<i>STATE HISTORIC & PRESERVATION OFFICE (SHPO)</i>		
<i>OFFICE of LAND & STREAM (OLS)</i>	X	
<i>DATE OF COMMISSION READING</i>	04-04-17	
<i>DATE AVAILABLE TO BE GRANTED</i>	04-24-17	
<i>PERMIT GRANTED</i>	4-24-17	
<i>COMPLETE</i>	X	



Doddridge County Floodplain Permits

(Week of April 3, 2017)

Please take notice that on the **22nd day of March, 2017**, **GAI Consultants on behalf of EQM Gathering OpCo, LLC** filed an application for a Floodplain Permit **#17-459** to develop land located at or about **39.410400, -80.663183, Broad Run, 39.392887, -80.688098, Ralphs Run, 39.371326/-80.718867, Riggins Run. Starting at Route 23 to Big Flint.** 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 **April 24, 2017** (20 calendar days after the announcement at the regularly scheduled Doddridge County Commission Meeting) delivered to the Clerk of the County Court at 108 Court Street Ste. 1, West Union, WV 26456. **This project is renewal to permit #15-400, MOPA-S009, pipeline installation.**



Charleston Office
300 Summers Street
Suite 1100
Charleston, West Virginia 25301

T 304.926.8100
F 304.926.8180

March 21, 2017

Project E150812.02

Mr. George Eidell
Doddridge County Floodplain Manager
Doddridge County Commission
118 East Court Street
West Union, West Virginia 26456

MAR22 17 11:53AM

**Floodplain Development Permit Application
EQM Gathering OpCo, LLC
MOPA-S009 Pipeline Project
Doddridge County, West Virginia**

Dear Mr. Eidell:

GAI Consultants, Inc. (GAI), on behalf of EQM Gathering OpCo, LLC (EQM), is pleased to submit this cover letter with the enclosed Doddridge County Floodplain Development Permit Application (Attachment 1) for the proposed MOPA-S009 Pipeline Project (Project) located in Doddridge County, West Virginia. The Project was previously permitted by Doddridge County under Permit No. 15-400. This permit was initially approved on January 8, 2016. A 90-day extension was granted by Doddridge County on January 8, 2017. The original schedule for pipeline construction was delayed and this permit (with extension) will expire prior to completion of construction. Therefore, EQM is reapplying for coverage under a new permit to allow for construction completion. Tree clearing was conducted from February 13 through 27, 2017. Pipeline construction is anticipated to start July 1, 2017 and be completed November 1, 2017.

The Project includes the installation of approximately 26,709 linear feet (LF) of 12-inch diameter natural gas gathering pipeline, construction of approximately 0.9 miles of proposed access road, and the upgrade of approximately 1.1 miles of existing access roads. An additional 0.5 miles of existing access road will be used to access the Project site, but no upgrades are proposed. Floodplain Project Maps showing the proposed pipeline, workspaces, access roads and limits of disturbance relative to the Federal Emergency Management Agency (FEMA) 100-year floodplain are included in Attachment 2. West Virginia Flood Tool Maps for this Project have been included in Attachment 3.

Within Doddridge County, the pipeline is proposed to cross a number of streams. Flood Insurance Rate Map information obtained from FEMA shows that there are three locations where these stream crossings are in a 100-year floodplain as delineated on FEMA mapping (see Attachment 4).

FEMA Zone AE

One of the proposed pipeline stream crossing locations is located on McElroy Creek within FEMA Flood Zone – AE (FIRM Panel 54017C0045C; see Attachment 4). No floodway is identified on the FIRM Panel in this location. The Zone AE designation indicates that a location is within the area subject to a one percent annual chance flood event (100-year flood or Base Flood) and that the Base Flood Elevations have been determined. Approximately 597 LF of the proposed pipeline, 3.44 acres of proposed temporary workspace, 240 LF of proposed temporary access roads and 715 LF of existing access road to be upgraded are located within the approximate Zone AE at this location. The proposed pipeline that will be situated within Zone AE will cross McElroy Creek at a location adjacent to WV Route 23, approximately 0.5 miles southeast of the intersection of WV Route 23 and County Route 4 (Broad Run Rd.) (Lat. 39.402634°, Long. -80.669428°; see Sheet 1 in Attachment 2 and Figure 1 in Attachment 3). An existing access road will be upgraded to allow access from WV Route 23 and will cross McElroy Creek. This

proposed access road crossing is located on WV Route 23 approximately 0.15 miles south of the pipeline crossing (Lat. 39.401041°, Long. -80.671147°; see Sheet 1 in Attachment 2 and Figure 2 in Attachment 3).

Construction activities that will take place within the floodplain at this location include the installation of the underground pipeline, temporary waterbars for surface water control, temporary right-of-way diversions and sediment barriers for sediment control, trench plugs for open trench water control, trench breakers for subsurface water control following pipeline installation, upgrade of an existing access road including addition of broad based dips, and construction of temporary access roads and workspaces for project location access and storage.

An existing road currently crosses McElroy Creek via a ford crossing of the stream. For installation of the pipeline, a temporary air bridge crossing will be utilized at this location. This air bridge will be constructed using wooden mats supported on metal flume pipes. A minimum of two flume pipes will be required to construct the crossing. The flume pipes will be set within the stream. It is anticipated that the bridge will be in place for approximately eight (8) months.

The McElroy Creek pipeline crossing is intended to be open cut. A temporary cofferdam will be constructed within the stream to create a dry work area. An air bridge will be constructed within the proposed ROW to allow construction equipment to cross. This air bridge will be constructed in the same manner as the access road crossing described above. Construction of the crossing will be scheduled to occur during periods of low stream flow. The contractor and EQM will monitor the weather forecast prior to and during construction of the crossing. The pipeline trench is to be backfilled within 24-hours of first disturbance. Permanent stream bank stabilization will occur immediately upon installation, backfilling, and grading at the stream crossing.

Following installation of the pipeline within the floodplain, the trench will be backfilled and compacted to approximate original contours and the area will be returned to approximate original surface conditions with no permanent above ground structures and no permanent encroachment or net fill placement within the floodplain. All access roads and stabilized construction entrances within the floodplain will be constructed level with the existing ground surface by removing topsoil and placing gravel to bring the top of gravel surface elevation even with the existing surface. All excess material shall be placed outside of the floodplain area. Any fill placed within the limits of the floodplain shall not exceed the original elevations.

FEMA Zone A

Flood Insurance Rate Map information obtained from the FEMA shows that two other portions of the project area are within FEMA Flood Zone – A (FIRM Nos. 54017C0045C and 54017C0130C; see Attachment 4). The Zone A designation indicates that a location is within the area subject to a one percent annual chance flood event (100-year flood or Base Flood), but the Base Flood Elevations have not been determined.

The proposed pipeline will cross Riggins Run at a location adjacent to County Route 5 (Riggins Run Rd.), approximately 0.8 mile southeast of the intersection of County Route 5 and WV 23 (Lat. 39.393404°, Long. -80.684433°; see Sheet 2 in Attachment 2 and Figure 3 in Attachment 3). Approximately 640 LF of the proposed pipeline, 1.43 acres of proposed temporary workspace and 225 LF of proposed temporary access road are located within the approximate Zone A at this location.

The proposed pipeline will end within the limits of the 100-year floodplain for Flint Run at an existing aboveground valve site located adjacent to County Route 3 (Big Flint Rd.), just east of the intersection of County Route 3 and County Route 3/1 (Brush Run Rd.) (Lat. 39.371339°, Long. -80.71886°; see Sheet 3 in Attachment 2 and Figure 4 in Attachment 4). Approximately 10 LF of the proposed pipeline and 0.11 acres of proposed temporary workspace are located within the approximate Zone A at this location.

Construction activities that will take place within Zone A at these two locations include the installation of the underground pipeline, temporary waterbars for surface water control, temporary sediment barriers for sediment control, trench plugs for open trench water control, trench breakers for subsurface water

control following pipeline installation, and construction of temporary access roads and workspace for project location access and storage.

Temporary workspaces and a temporary bridge crossing will be utilized to construct the pipeline stream crossing of Riggins Run. This bridge will be located within the Zone A floodplain identified on the FIRM map. It is anticipated that the bridge will be in place for approximately eight (8) months.

Following installation of the pipeline within the floodplain, the trench will be backfilled and compacted to approximate original contours and the area will be returned to approximate original surface conditions with no new permanent aboveground structures and no permanent encroachment or net fill placement within the floodplain. All access roads and stabilized construction entrances within the floodplain will be constructed level with the existing ground surface by removing topsoil and placing gravel to bring the top of gravel surface elevation even with the existing surface. All excess material shall be placed outside of the floodplain area. Any fill placed within the limits of the floodplain shall not exceed the original elevations.

Summary

The proposed pipeline construction will include three locations where the proposed pipeline will be constructed within the 100-year floodplain as identified on FEMA mapping. Since there will be no permanent encroachment to the floodplain, no fill will be placed to exceed existing elevations, all temporary obstructions will be removed upon completion of construction, and existing surfaces will be returned to pre-project conditions, no increase in 100-year flood elevations are anticipated in McElroy Creek, Riggins Run, or Flint Run upon completion of the Project.

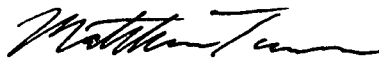
A check (No. 403934) in the amount of \$1,125.00 for the permit application fee is also enclosed. This fee is based on an estimated cost of construction within the 100-year floodplain of \$125,000.

Approvals have been received from the United States Army Corps of Engineers for a Nationwide Permit 12, West Virginia Department of Natural Resources for Rights of Entry, and West Virginia Department of Environmental Protection for General Construction Stormwater Permit. Copies of these approvals are enclosed as Attachment 5. Please note that permit modifications are currently being prepared for these permits to allow for additional workspace required for installation of cofferdams for the open cut pipeline crossing of McElroy Creek.

If you have any questions or need additional information, please contact me at (681) 245-8854 or at m.tanner@gaiconsultants.com. Stephanie Frazier with EQM Gathering OpCo, LLC may be contacted at (412) 553-5798 or via email at SFrazier@eqt.com.

Sincerely,

GAI Consultants, Inc.



Matthew Tanner, P.E.
Senior Project Engineer

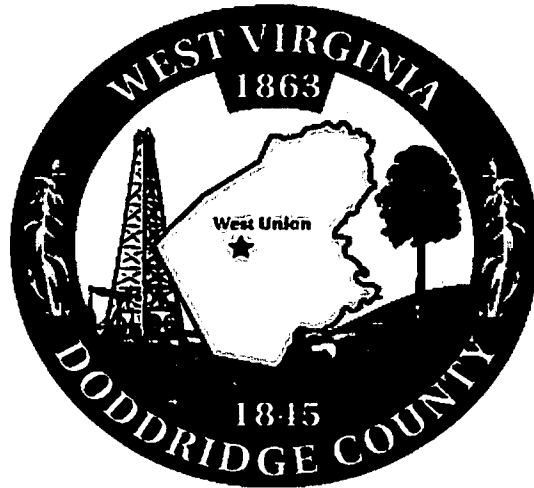
MTT/lmt

Enc.: Doddridge County Floodplain Development Permit Application, Permit Fee Check (No. 403934)
Floodplain Project Maps, WV Flood Tool Maps, FEMA Firmettes, Permit Approvals (USACE,
WVDNR, WVDEP)

cc: Stephanie Frazier, EQT Corporation
Jayme Fuller, GAI Consultants, Inc.

ATTACHMENT 1

DODDRIDGE COUNTY FLOODPLAIN DEVELOPMENT PERMIT APPLICATION



Permit#	<u>17-459</u>
Project Name:	<u>MOPA-S009</u>
Permittees Name:	<u>EQM Gathering</u> <u>OpCo</u>
	<u>renewal to #15-400</u>

Doddridge County, WV

MAR22 17 11:53AM

Floodplain Development Permit Application

This document is to be used for projects that impact/potentially impact 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.

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 _____

3/21/2017

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Applicant Information:

Please provide all pertinent data.

Applicant Information		
Responsible Company Name: EQM Gathering OpCo, LLC		
Corporate Mailing Address: 625 Liberty Avenue, Suite 1700		
City: Pittsburgh	State: PA	Zip: 15222
Corporate Point of Contact (POC): Stephanie Frazier		
Corporate POC Title: Supervisor Permitting - Environmental		
Corporate POC Primary Phone: (412) 553-5798		
Corporate POC Primary Email: sfrazier@eqt.com		
Corporate FEIN: 37-1661577	Corporate DUNS:	
Corporate Website: www.eqt.com		
Local Mailing Address: 625 Liberty Avenue, Suite 1700		
City: Pittsburgh	State: PA	Zip: 15222
Local Project Manager (PM): Josh Weaver		
Local PM Primary Phone: (304) 627-8713		
Local PM Secondary Phone:		
Local PM Primary Email: jweaver@eqt.com		
Person Filing Application: Stephanie Frazier		
Applicant Title: Supervisor - Environmental Permitting		
Applicant Primary Phone: (412) 925-1446		
Applicant Secondary Phone:		
Applicant Primary Email: SFrazier@eqt.com		

Doddridge County Commercial/Industrial Floodplain Development Permit Application

Project Narrative:

Describe in detail the proposed development including project name/title, type of development, estimated start and completion timeline, and its potential impact on the floodplain. Use additional copies of this page as needed.

Project Narrative:
The EQM Gathering OpCo, LLC proposed MOPA-S009 Project includes the installation of approximately 26,709 linear feet (LF) of 12-inch diameter natural gas gathering pipeline, construction of approximately 0.9 miles of proposed access road, and the upgrade of approximately 1.1 miles of existing access roads. An additional 0.5 miles of existing access road will be used to access the Project site, but no upgrades are proposed. The estimated cost of construction within the 100-year floodplain is \$125,000.
Within Doddridge County, the pipeline is proposed to cross a number of streams. Flood Insurance Rate Map information obtained from FEMA shows that there are three locations where these stream crossings are in a 100-year floodplain as delineated on FEMA mapping.
The Project was previously permitted by Doddridge County under Permit No. 15-400. This permit was initially approved on January 8, 2016. A 90-day extension was granted by Doddridge County on January 8, 2017. The original schedule for pipeline construction was delayed and this permit (with extension) will expire prior to completion of construction. Therefore, EQM is reapplying for coverage under a new permit to allow for construction completion. Tree clearing was conducted from February 13 through 27, 2017. Pipeline construction is anticipated to start July 1, 2017 and be completed November 1, 2017.
Please refer to the cover letter submitted with this application for additional detailed information regarding construction activities proposed within the floodplain.

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Proposed Development:

Please check all elements of the proposed project that apply.

DESCRIPTION OF WORK (CHECK ALL APPLICABLE BOXES)

A. STRUCTURAL DEVELOPMENT

<u>ACTIVITY</u>		<u>STRUCTURAL TYPE</u>	
<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 Alteration (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)

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Development Site/Property Information:

Please provide physical description of the site/property, along with pertinent ownership (surface and mineral rights) data as applicable. Attach appropriate maps from the WV Flood Tool showing location of proposed development. Use additional copies of this page if development spans multiple property boundaries. Designate each property by number (i.e. Property 1 of 1, Property 2 of 7, etc.)

Property Designation: 1 of 7

Site/Property Information:		
Legal Description: Big Flint 455.70 acres		
Physical Address/911 Address: ROUTE 3 SALEM, WV 26426		
Decimal Latitude/Longitude: 39.371339, -80.718860		
DMS Latitude/Longitude: 39°22'16.82"N, 80°43'7.9"W		
District: Grant	Map: 3	Parcel: 1
Land Book Description: Big Flint 455.70 acres		
Deed Book Reference: 280/695		
Tax Map Reference: 03-03-01		
Existing Buildings/Use of Property: Unknown (Out of State Resident)		

Floodplain Location Data: (to be completed by Floodplain Manager or designee)			
Community:	Number:	Panel:	Suffix:
Location (Lat/Long):		Approximate Elevation:	
		Estimated BFE:	
Is the development in the floodway? <input type="checkbox"/> Yes <input type="checkbox"/> No		Is the development in the floodplain? <input type="checkbox"/> Yes <input type="checkbox"/> No Zone: _____	
Notes:			

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Property Designation: 2 of 7

Site/Property Information:		
Legal Description: Broad Run 49.22 AC 49 AC 35 PO		
Physical Address/911 Address: 12787 WV RT 23N, West Union, WV 26456		
Decimal Latitude/Longitude: 39.401961, -80.672053		
DMS Latitude/Longitude: 39°24'7.06"N, 80°40'19.39"W		
District: McClellan	Map: 12	Parcel: 22
Land Book Description: Broad Run 49.22 AC 49 AC 35 PO		
Deed Book Reference: 231/685		
Tax Map Reference: 05-12-22		
Existing Buildings/Use of Property: Homestead (Residence)		

Floodplain Location Data: (to be completed by Floodplain Manager or designee)			
Community:	Number:	Panel:	Suffix:
Location (Lat/Long):		Approximate Elevation:	
		Estimated BFE:	
Is the development in the floodway?		Is the development in the floodplain?	
<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No Zone: _____	
Notes:			

**Doddridge County Commercial/Industrial
Floodplain Development Permit Application**

Property Designation: 3 of 7

Site/Property Information:		
Legal Description: McElroy 34 acres		
Physical Address/911 Address: 12574 WV RT 23, West Union, WV 26456		
Decimal Latitude/Longitude: 39.403800, -80.666153		
DMS Latitude/Longitude: 39°24'13.68"N, 80°39'58.15"W		
District: McClellan	Map: 12	Parcel: 23
Land Book Description: McElroy 34 acres		
Deed Book Reference: WB:43/355		
Tax Map Reference: 05-12-23		
Existing Buildings/Use of Property: Homestead (Residence)		

Floodplain Location Data: (to be completed by Floodplain Manager or designee)			
Community:	Number:	Panel:	Suffix:
Location (Lat/Long):		Approximate Elevation:	
		Estimated BFE:	
Is the development in the floodway?		Is the development in the floodplain?	
<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No Zone: _____	
Notes:			

**Doddridge County Commercial/Industrial
Floodplain Development Permit Application**

Property Designation: 4 of 7

Site/Property Information:		
Legal Description: McElroy 17.5 acres		
Physical Address/911 Address: 12552 WV RT 23, West Union, WV 26456		
Decimal Latitude/Longitude: 39.401658, -80.666536		
DMS Latitude/Longitude: 39°24'5.97"N, 80°39'59.53"W		
District: McClellan	Map: 12	Parcel: 23.1
Land Book Description: McElroy 17.5 acres		
Deed Book Reference: 256/470		
Tax Map Reference: 05-12-23.1		
Existing Buildings/Use of Property: Homestead (Residence)		

Floodplain Location Data: (to be completed by Floodplain Manager or designee)			
Community:	Number:	Panel:	Suffix:
Location (Lat/Long):		Approximate Elevation:	
		Estimated BFE:	
Is the development in the floodway?		Is the development in the floodplain?	
<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No Zone: _____	
Notes:			

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Property Designation: 5 of 7

Site/Property Information:		
Legal Description: McElroy 30 acres		
Physical Address/911 Address: 12289 WV RT 23, West Union, WV 26456		
Decimal Latitude/Longitude: 39.398636, -80.673628		
DMS Latitude/Longitude: 39°23'55.09"N, 80°40'25.06"W		
District: McClellan	Map: 12	Parcel: 35
Land Book Description: McElroy 30 acres		
Deed Book Reference: 203/419		
Tax Map Reference: 05-12-35		
Existing Buildings/Use of Property: Homestead (Residence)		

Floodplain Location Data: (to be completed by Floodplain Manager or designee)			
Community:	Number:	Panel:	Suffix:
Location (Lat/Long):		Approximate Elevation:	
		Estimated BFE:	
Is the development in the floodway? <input type="checkbox"/> Yes <input type="checkbox"/> No		Is the development in the floodplain? <input type="checkbox"/> Yes <input type="checkbox"/> No Zone: _____	
Notes:			

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Property Designation: 6 of 7

Site/Property Information:		
Legal Description: 1 AC McElroy Creek		
Physical Address/911 Address: 5577 Riggins Run Road, West Union, WV 26456		
Decimal Latitude/Longitude: 39.401400, -80.670353		
DMS Latitude/Longitude: 39°24'5.04"N, 80°40'13.27"W		
District: McClellan	Map: 12	Parcel: 35.3
Land Book Description: 1 AC McElroy Creek		
Deed Book Reference: 293/366		
Tax Map Reference: 05-12-35.3		
Existing Buildings/Use of Property: Business Garage		

Floodplain Location Data: (to be completed by Floodplain Manager or designee)			
Community:	Number:	Panel:	Suffix:
Location (Lat/Long):		Approximate Elevation:	
		Estimated BFE:	
Is the development in the floodway? <input type="checkbox"/> Yes <input type="checkbox"/> No		Is the development in the floodplain? <input type="checkbox"/> Yes <input type="checkbox"/> No Zone: _____	
Notes:			

**Doddridge County Commercial/Industrial
Floodplain Development Permit Application**

Property Designation: Z of Z

Site/Property Information:		
Legal Description: Riggins Run 60.71 acres		
Physical Address/911 Address: 5095 Riggins Run Road, West Union, WV 26456		
Decimal Latitude/Longitude: 39.393404, -80.684433		
DMS Latitude/Longitude: 39°23'36.25"N, 80°41'3.96"W		
District: McClellan	Map: 17	Parcel: 3.7
Land Book Description: Riggins Run 60.71 acres		
Deed Book Reference: WB:38/585		
Tax Map Reference: 05-17-3.7		
Existing Buildings/Use of Property: Homestead (Residence)		

Floodplain Location Data: (to be completed by Floodplain Manager or designee)			
Community:	Number:	Panel:	Suffix:
Location (Lat/Long):		Approximate Elevation:	
		Estimated BFE:	
Is the development in the floodway?		Is the development in the floodplain?	
<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No Zone: _____	
Notes:			

**Doddridge County Commercial/Industrial
Floodplain Development Permit Application**

Property Owner Data:

Please provide data on current site/property landowner(s), both surface and mineral rights (as applicable). Use additional copies of this page as needed. Designate each page in relation to each property listed above.

Property Designation: 1 of 7

Property Owner Data: Parcel: 09-03-0003-0001-0000-0000		
Name of Primary Owner (PO): The Jordan Family Partnership		
PO Address: 41 S Front St.		
City: York Haven	State: PA	Zip: 17370
PO Primary Phone: 717-266-4242		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Surface Rights Owner Data: Parcel:		
Name of Primary Owner (PO): N/A		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Mineral Rights Owner Data: (As Applicable)		
Name of Primary Owner (PO): N/A		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Property Designation: 2 of 7

Property Owner Data: Parcel: 09-05-0012-0022-0000-0000		
Name of Primary Owner (PO): Robert and Linda E. E. Summers , his wife, JTWROS		
PO Address: 12787 WV RT 23 N		
City: West Union	State: WV	Zip: 26456
PO Primary Phone: 304-782-3649		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Surface Rights Owner Data: Parcel:		
Name of Primary Owner (PO): N/A		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Mineral Rights Owner Data: (As Applicable)		
Name of Primary Owner (PO): N/A		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Property Designation: 3 of 7

Property Owner Data: Parcel: 09-05-0012-0023-0000-0000		
Name of Primary Owner (PO): Mildred L. McClaskey		
PO Address: 12574 WV RT 23		
City: West Union	State: WV	Zip: 26456
PO Primary Phone: 304-782-1699		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Surface Rights Owner Data:		
Name of Primary Owner (PO): N/A		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Mineral Rights Owner Data: (As Applicable)		
Name of Primary Owner (PO): N/A		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Property Designation: 4 of 7

Property Owner Data: Parcel: 09-05-0012-0023-0001-0000		
Name of Primary Owner (PO): Timothy Robinson and Tracey Robinson, his wife, JTROS		
PO Address: 12552 WV Route 23 N		
City: West Union	State: WV	Zip: 26456
PO Primary Phone: 304-782-4134		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Surface Rights Owner Data:		
Name of Primary Owner (PO): N/A		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Mineral Rights Owner Data: (As Applicable)		
Name of Primary Owner (PO): N/A		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Property Designation: 5 of 7

Property Owner Data: Parcel: 09-05-0012-0035-0000-0000		
Name of Primary Owner (PO): Yeater, Rexall Wayne Jr		
PO Address: 12289 WV Route 23N		
City: West Union	State: WV	Zip: 26456
PO Primary Phone: 304-782-2931		
PO Secondary Phone: 304-266-3716		
PO Primary Email: N/A		

Surface Rights Owner Data:		
Name of Primary Owner (PO): N/A		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Mineral Rights Owner Data: (As Applicable)		
Name of Primary Owner (PO): N/A		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Property Designation: 6 of 7

Property Owner Data: Parcel: 09-05-0012-0035-0003-0000		
Name of Primary Owner (PO): Michael W. Swiger and Jodi A. Swiger, JTROS		
PO Address: 5577 Riggins Run Rd.		
City: West Union	State: WV	Zip: 26456
PO Primary Phone: 304-782-4241		
PO Secondary Phone: 304-871-5055		
PO Primary Email: swigerlog@aol.com		

Property Owner Data:		
Name of Primary Owner (PO): N/A		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Mineral Rights Owner Data: (As Applicable)		
Name of Primary Owner (PO): N/A		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Property Designation: 2 of 2

Property Owner Data: Parcel: 09-05-0017-0003-0007-0000		
Name of Primary Owner (PO): Arnold Lee Bonnell		
PO Address: 5095 Riggins Run Rd.,		
City: West Union	State: WV	Zip: 26456
PO Primary Phone: 304-782-4589		
PO Secondary Phone: 304-918-4563		
PO Primary Email: N/A		

Surface Rights Owner Data:		
Name of Primary Owner (PO): N/A		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Mineral Rights Owner Data: (As Applicable)		
Name of Primary Owner (PO): N/A		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

**Doddridge County Commercial/Industrial
Floodplain Development Permit Application**

Contractor Data:

Please provide all pertinent data for contractors and sub---contractors that may be participating in this project. Use additional copies of this page as needed. Designate each page in relation to each property listed above.

Property Designation: 1-7 of 7

Contractor/Sub-Contractor (C/SC) Information:		
C/SC Company Name: To Be Determined		
C/SC WV License Number:		
C/SC FEIN:	C/SC DUNS:	
Local C/SC Point of Contact (POC):		
Local C/SC POC Title:		
C/SC Mailing Address:		
City:	State:	Zip-Code:
Local C/SC Office Phone:		
Local C/SC POC Phone:		
Local C/SC POC E-Mail:		

Engineer Firm Information:		
Engineer Firm Name: GAI Consultants		
Engineer WV License Number: COA No. C00208		
Engineer Firm FEIN: 25-1260999	Engineer Firm DUNS:	
Engineer Firm Primary Point of Contact (POC): Matthew Tanner, P.E.		
Engineer Firm Primary POC Title: Senior Project Engineer		
Engineer Firm Mailing Address: 300 Summers Street, Suite 1100		
City: Charleston	State: WV	Zip-Code: 25301
Engineer Firm Office Phone: 304-926-8100		
Engineer Firm Primary POC Phone: 681-245-8854		
Engineer Firm Primary POC E-Mail: m.tanner@gaiconsultant.com		

Adjacent and/or Affected Landowners Data

Please provide data for all adjacent and/or affected surface owners (both up and down stream) whose property may be impacted by proposed development as demonstrated by a floodplain study or survey. Use additional copies of this page as needed.

Adjacent Property Owner Data: Upstream (09-05-0017-0003-0017-0000)		
Name of Primary Owner (PO): Stumpf, Theodore J		
Physical Address: 4805 Riggins Run Rd		
City: West Union	State: WV	Zip: 26456
PO Primary Phone: 304-782-2096		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Adjacent Property Owner Data: Upstream (09-05-0012-0002-0001-0000)		
Name of Primary Owner (PO): Ferreebe, David Roy		
Physical Address: 2143 Elk Lick Run		
City: West Union	State: WV	Zip: 26456
PO Primary Phone: 304-782-1654		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Adjacent Property Owner Data: Upstream (09-05-0012-0035-0001-0000)		
Name of Primary Owner (PO): Yeater, Cynthia L		
Physical Address: 102 Court St		
City: West Union	State: WV	Zip: 26456
PO Primary Phone: 304-873-1395		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Adjacent Property Owner Data: Downstream (09-05-0011-0034-0000-0000)		
Name of Primary Owner (PO): Glaspell, Shawn A		
Physical Address: 5512 Riggins Run		
City: Salem	State: WV	Zip: 26456
PO Primary Phone: 304-627-7877		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Adjacent Property Owner Data: Downstream 09-05-0012-0022-0001-0000 & 09-05-0012-0030-0001-0000		
Name of Primary Owner (PO): Robinson, Timothy & Tracey		
Physical Address: 12552 WV RT 23		
City: West Union	State: WV	Zip: 26456
PO Primary Phone: 304-782-4134		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Site Plan

A Site Plan is an accurate and detailed map of the proposed development for this project. It shows the size, shape, location and special features of the project property, and the size and location of any development planned to the property, especially as that development will impact the floodplain and/or floodway. Site plans show what currently exists on the project property, and any changes or improvements you are proposing to make. **A certified and licensed engineering firm should complete site plans.**

A SITE PLAN MUST CONTAIN THE FOLLOWING INFORMATION:

1. Legal description of the parcel, north arrow and scale
2. All property lines and their dimensions
3. Names of adjacent roads, location of driveways
4. Location of sloughs, tributaries, streams, rivers, wetlands, ponds, and lakes, with setbacks indicated, and including FEMA floodplain data based on most updated FIRM.
5. Location, size, shape of all buildings, existing and proposed, with elevation of lowest floor indicated.
6. Location and dimensions of existing or proposed on-site sewage systems.
7. Location of all propane tanks, fuel tanks or other liquid storage tanks whether above ground or below ground level.
8. Location and dimensions of any proposed pipeline placement(s) into floodplain/floodway.
9. Location and dimensions of any roadway development into floodplain/floodway. *(Includes initial development access roads)*
10. Location and dimensions of any bridge and/or culvert development into floodplain/floodway.
11. Location and dimensions of any storage yard or facility into the floodplain/floodway.
12. Location of any existing utilities and/or proposed utility placement and/or displacement.
13. Location, dimensions and depth of any existing or proposed fill on site.
14. A survey showing the **existing ground elevations** of at least location on the building site. **ELEVATION NOTE:** All vertical datum will reference either NGVD 29 or NAVD 88. Assumed datum will not be acceptable unless the property is located in an area where vertical datum has not been published. For those areas where vertical datum has not been established, a site plan with contours, elevations using assumed datum, high water marks and existing water levels of sloughs, rivers, lakes or streams and proposed lowest floor elevation.

Applicant

Please read print name, sign and date below:

- I certify that I am authorized to submit this application for the primary project developer.
- I certify that the information included in this application is to the best of my knowledge true and complete.
- I certify that all required Federal, State, and local permits required by law and/or ordinance for the above described development of this project have been properly attained, are current and valid, and must be presented with this application before a Doddridge County Floodplain Permit may be issued.
- I understand that if in the course of the development project additional permits become required that were not needed during the initial proposal, the primary developer must notify the Doddridge County Floodplain Manager within 48 hours of such need, and that a "Stop Work" order may be issued for all project work directly impacting the floodplain or floodway, until such time the required additional permits are acquired.
- I understand that once the floodplain permit is submitted, the application will be entered into official public record at the next regularly scheduled Doddridge County Commission meeting after the date of submittal.
- I understand that from the date of submittal of the fully completed permit application, the Doddridge County Floodplain Manager has ninety (90) days to make a determination to either grant or deny said permit application. During this approval period, the Doddridge County Floodplain Manager may, at his or her discretion, conduct a review and/or additional study of provided documentation by means of an independent engineering firm. All costs associated with said review and/or study must be reimbursed to the County before issuance of approved permit.
- I understand that during the approval period, the Doddridge County Floodplain Manager of designee may at his or her discretion conduct site visits and document conditions of proposed development pursuant to the permit application.
- I understand that once the Floodplain Permit is granted, the permit will be entered into official public record at the next scheduled Doddridge County Commission meeting after the date of issuance. Appeals to the permit may be made no later than twenty (20) days after said issuance. If a valid appeal is submitted, as determined by the Doddridge County Floodplain Manager, a "Stop Work" order will be issued for all project development directly involving the floodplain or floodway. A public hearing by the Doddridge County Appeals Board will be scheduled no less than ten (10) days after the next regularly scheduled Doddridge County Commission meeting.
- I understand that all decisions of the Doddridge County Appeals Board shall be final.
- I understand issuance of a Floodplain Permit authorizes me to proceed with construction as proposed. A Certificate of Compliance is required upon substantial completion of the project.
- In signing this application, the primary developer hereby grants the Doddridge County Floodplain Manager or designee the right to enter onto the above—described location to inspect the development work proposed, in progress, and/or completed.
- I understand that if I do not follow exactly the site—plan submitted and approved by this permit that a "Stop Work" order may be issued by the Doddridge County Floodplain Manager and that I must stop all construction immediately until discrepancies of actual work vs. proposed work is resolved.

Applicant Signature: _____

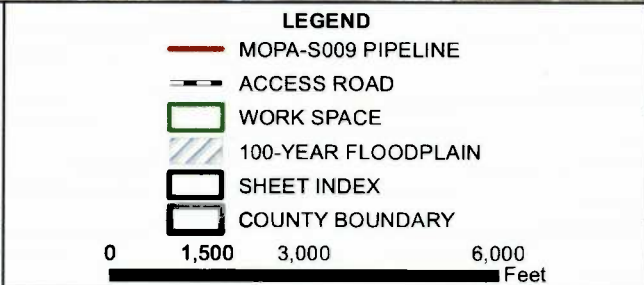
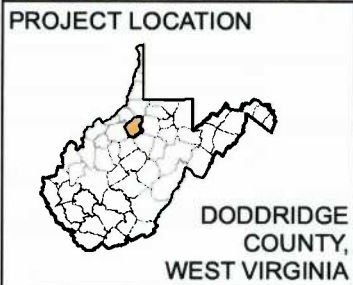
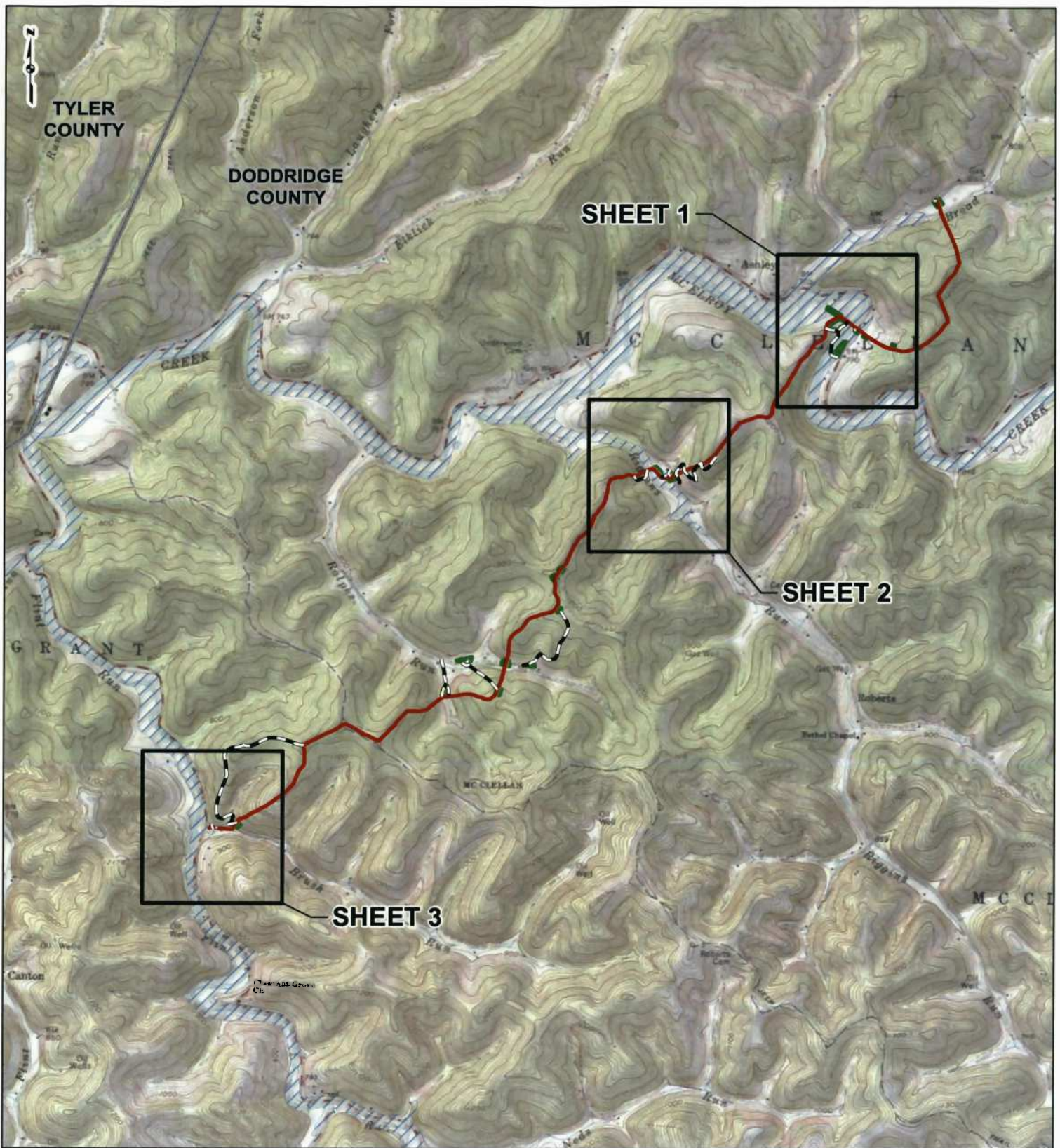


Date: _____

3/21/2017

Applicant Printed Name: Stephanie Frazier, Supervisor Permitting - Environmental

ATTACHMENT 2
FIGURES – FLOODPLAIN PROJECT MAPS

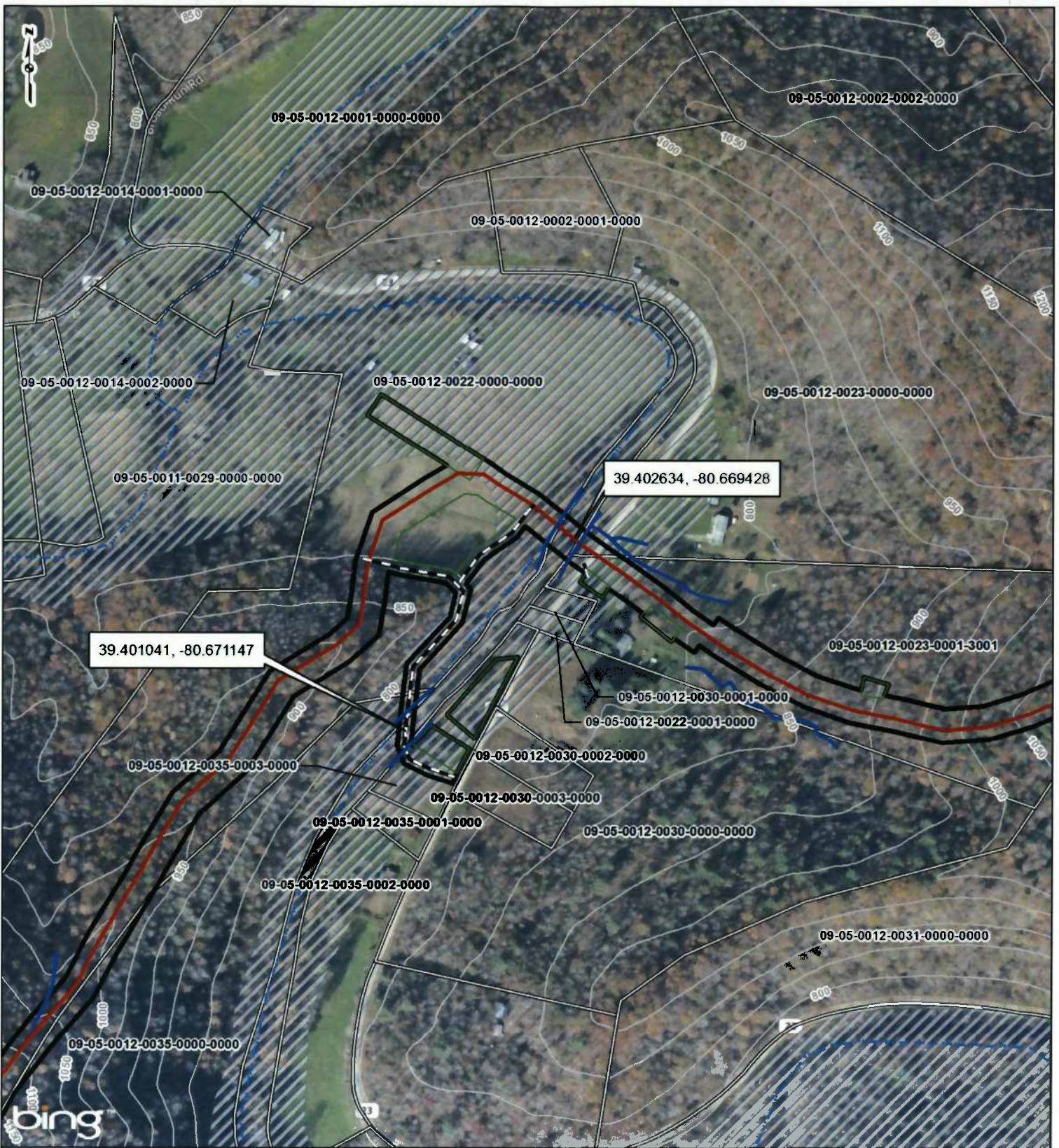


SITE PLAN FOR FLOODPLAIN PERMIT SHEET INDEX

MOPA-S009 PIPELINE PROJECT
EQM GATHERING OpCo, LLC

DRAWN BY: JDP DATE: 3/7/2017
CHECKED: SWW APPROVED: MTT

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES: CENTER POINT (1979) AND SMITHBURG (1977), WEST VIRGINIA, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND USGS, ACCESSED 03/2017. NATIONAL FLOOD HAZARD LAYER, FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), WEST VIRGINIA, 2016.



LEGEND

MOPA-S009 PIPELINE	LIMIT OF DISTURBANCE
ACCESS ROAD	WORK SPACE
STREAM	PARCEL BOUNDARY
NHD FLOWLINE	WETLAND
50FT CONTOUR	100-YEAR FLOODPLAIN

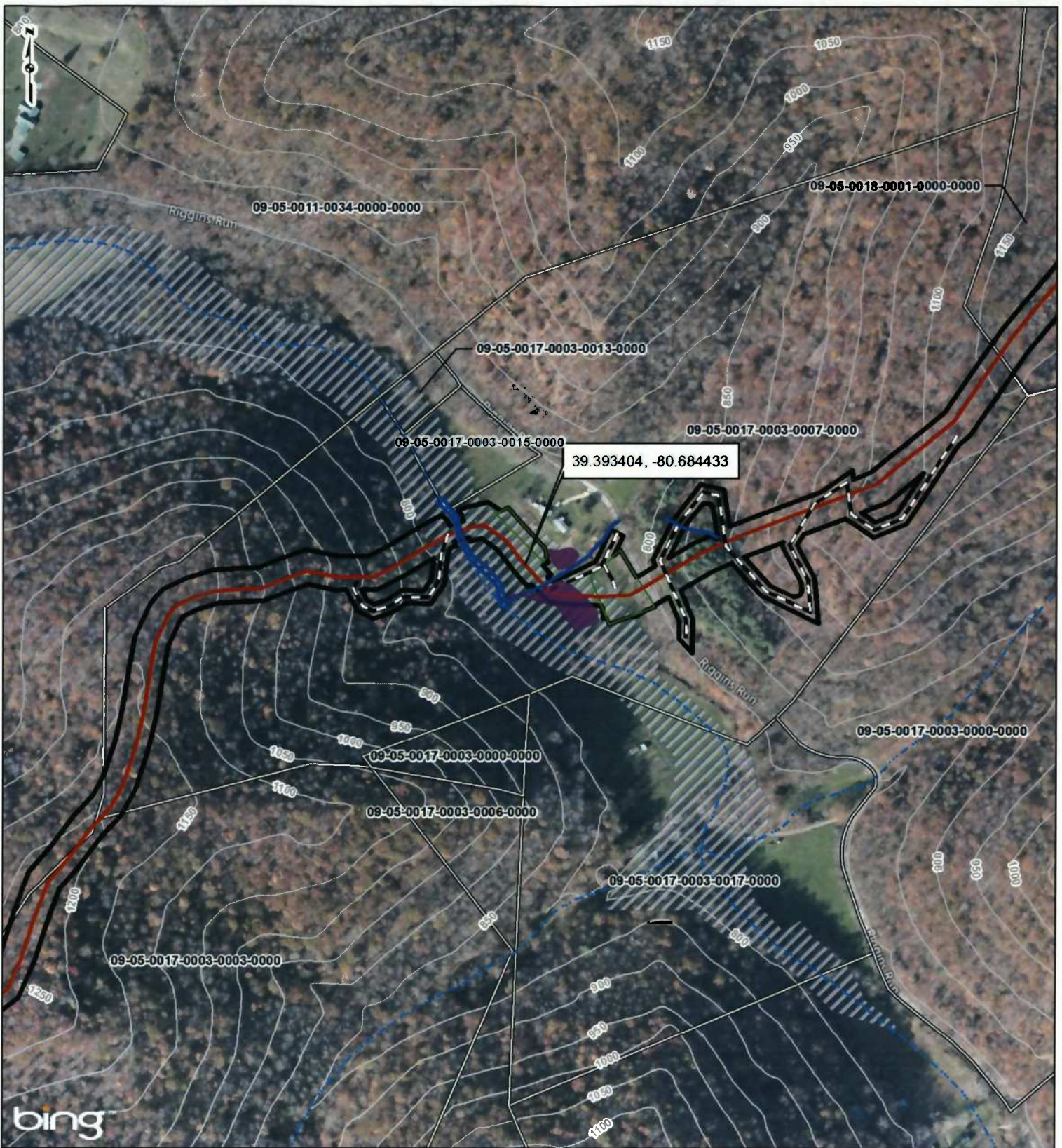
0 200 400 800 Feet

SITE PLAN FOR FLOODPLAIN PERMIT SHEET 1 OF 3

MOPA-S009 PIPELINE PROJECT
EQM GATHERING OpCo, LLC

DRAWN BY: JDP DATE: 3/7/2017
CHECKED: SWW APPROVED: MTT

REFERENCE: BING MAPS HYBRID, © HARRIS CORP. EARTHSTAR GEOGRAPHICS LLC © 2015 MICROSOFT CORPORATION © 2015 NOKIA, ACCESSED 03/2017, NATIONAL FLOOD HAZARD LAYER, FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), WEST VIRGINIA, 2016, NATIONAL HYDROGRAPHY DATASET (NHD), USGS, 2016, CONTOURS, WEST VIRGINIA STATE ADDRESSING AND MAPPING BOARD (SAMB) AND USGS, 2003, PARCEL DATA RECEIVED FROM EQT, 10/2/2015.



PROJECT LOCATION

DODDRIDGE COUNTY, WEST VIRGINIA

LEGEND

MOPA-S009 PIPELINE	LIMIT OF DISTURBANCE
ACCESS ROAD	WORK SPACE
STREAM	PARCEL BOUNDARY
NHD FLOWLINE	WETLAND
50FT CONTOUR	100-YEAR FLOODPLAIN

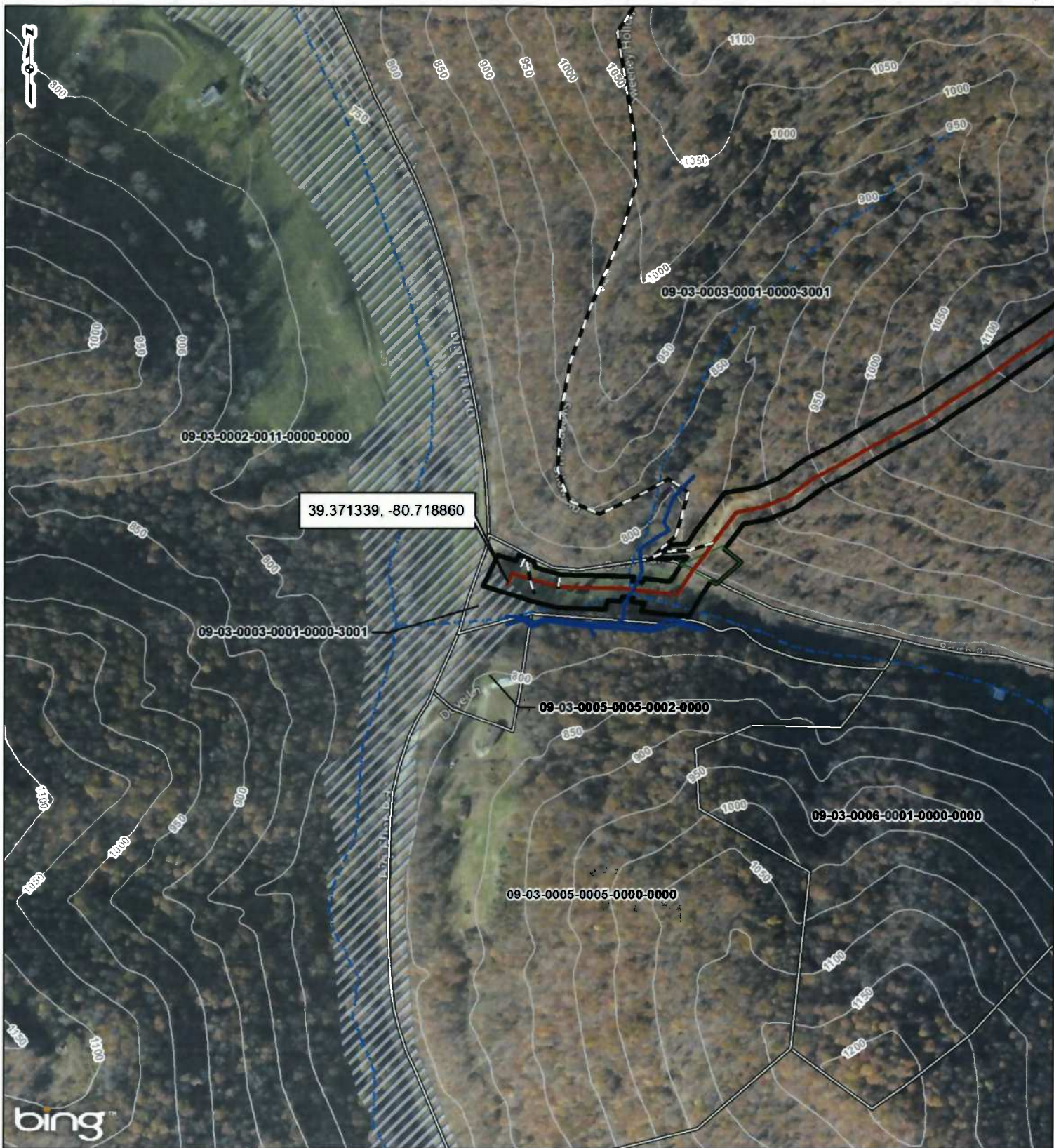
0 200 400 800 Feet

SITE PLAN FOR FLOODPLAIN PERMIT SHEET 2 OF 3

MOPA-S009 PIPELINE PROJECT
EQM GATHERING OpCo, LLC

DRAWN BY: JDP DATE: 3/7/2017
CHECKED: SWW APPROVED: MTT

REFERENCE: BING MAPS HYBRID, © HARRIS CORP. EARTHSTAR GEOGRAPHICS LLC © 2015 MICROSOFT CORPORATION © 2015 NOKIA, ACCESSED 03/2017, NATIONAL FLOOD HAZARD LAYER, FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), WEST VIRGINIA, 2016, NATIONAL HYDROGRAPHY DATASET (NHD), USGS, 2016, CONTOURS, WEST VIRGINIA STATE ADDRESSING AND MAPPING BOARD (SAMB) AND USGS, 2003, PARCEL DATA RECEIVED FROM EQT, 10/2/2015.



PROJECT LOCATION

DODDRIDGE COUNTY, WEST VIRGINIA

LEGEND

- MOPA-S009 PIPELINE
- ACCESS ROAD
- STREAM
- NHD FLOWLINE
- 50FT CONTOUR
- LIMIT OF DISTURBANCE
- WORK SPACE
- PARCEL BOUNDARY
- WETLAND
- 100-YEAR FLOODPLAIN

0 200 400 800 Feet

SITE PLAN FOR FLOODPLAIN PERMIT SHEET 3 OF 3

MOPA-S009 PIPELINE PROJECT
EQM GATHERING OpCo, LLC

DRAWN BY: JDP DATE: 3/7/2017
CHECKED: SWW APPROVED: MTT

REFERENCE: BING MAPS HYBRID. © HARRIS CORP. EARTHSTAR GEOGRAPHICS LLC © 2015 MICROSOFT CORPORATION © 2015 NOKIA, ACCESSED 03/2017. NATIONAL FLOOD HAZARD LAYER, FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), WEST VIRGINIA, 2016. NATIONAL HYDROGRAPHY DATASET (NHD), USGS, 2016. CONTOURS, WEST VIRGINIA STATE ADDRESSING AND MAPPING BOARD (SAMB) AND USGS, 2003. PARCEL DATA RECEIVED FROM EQT, 10/2/2015.

ATTACHMENT 3

FIGURES – WEST VIRGINIA FLOOD TOOL MAPS

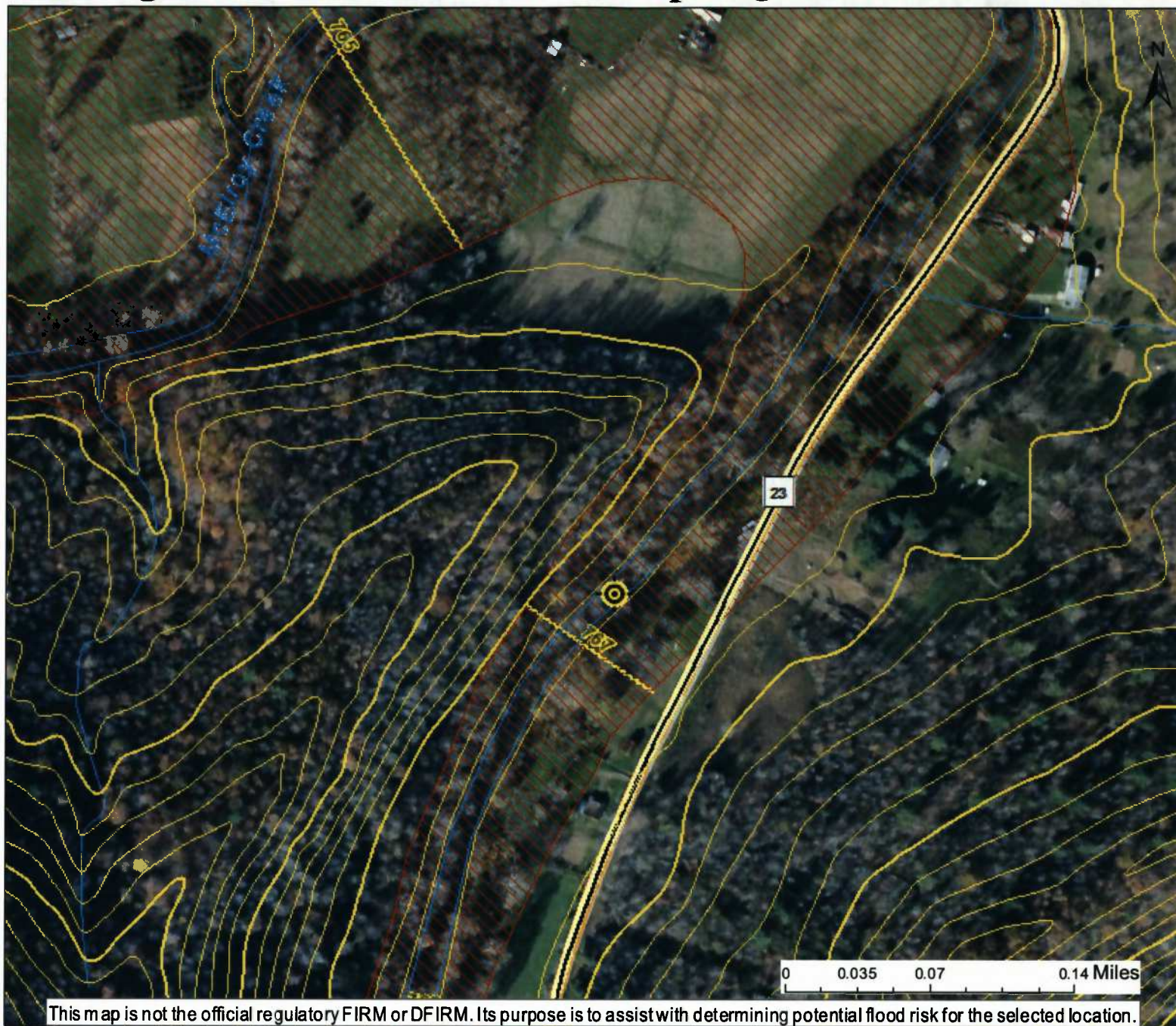
Figure 1 - WV Flood Tool Map EQT MOPA-S009



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

<p> Cross Section (XS) Lines</p> <p> Base Flood Elevation (BFE) Lines</p> <p> Floodway</p> <p>Flood Hazard Zone</p> <p> Approximate Study (Zone A)</p> <p> Detailed Study (AE, AH, AO)</p> <p> Community Rating System Areas</p> <p>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. <i>WV Flood Tool (http://www.MapWV.gov/flood) is supported by FEMA, WV NFIP Office, and WV GIS Technical Center.</i></p>		<p> Location of flood information</p> <p>User Notes: McElroy Creek Pipeline Crossing</p>	<p style="text-align: right;"><i>Map created on November 4, 2015</i></p> <p>Flood Hazard Area: Flood Hazard Area: Location is WITHIN the FEMA 100-year floodplain.</p> <p>Flood Hazard Zone: AE</p> <p>Stream: McElroy Creek</p> <p>FEMA Issued Flood Map: 54017C0045C</p> <p>Watershed (HUC8): Little Musringum-Middle Island (503)</p> <p>Advisory Flood Height: N/A</p> <p>Water Depth: N/A</p> <p>Elevation: About 756 ft</p> <p>Location (long, lat): (80.669428 W, 39.402635 N)</p> <p>Location (UTM 17N): (528462, 4361510)</p> <p>Contacts: Doddridge</p> <p>CRS Information: N/A</p> <p>Flood Profile: 54017_014</p> <p>HEC-RAS Model: McElroy Creek</p> <p>Parcel Number:</p>
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Figure 2 - WV Flood Tool Map EQT MOPA-S009



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








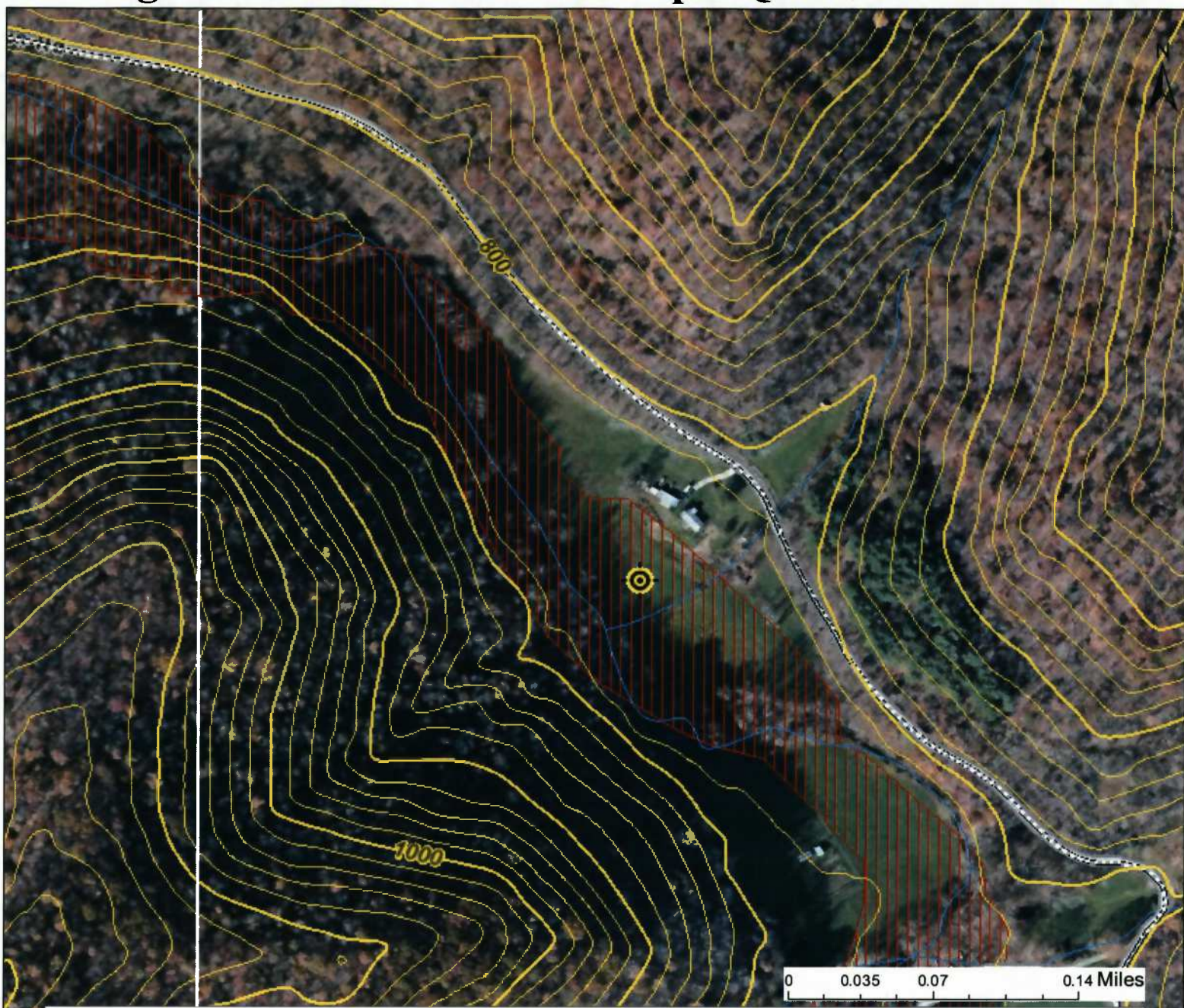
<ul style="list-style-type: none">  Cross Section (XS) Lines  Base Flood Elevation (BFE) Lines  Floodway 	<ul style="list-style-type: none">  Location of flood information User Notes: McElroy Creek Access Road Crossing 	<p>Map created on November 4, 2015</p>
<p>Flood Hazard Zone</p> <ul style="list-style-type: none">  Approximate Study (Zone A)  Detailed Study (AE, AH, AO)  Community Rating System Areas 		<p>Flood Hazard Area: Flood Hazard Area: Location is WITHIN the FEMA 100-year floodplain.</p> <p>Flood Hazard Zone: AE</p> <p>Stream: McElroy Creek</p> <p>FEMA Issued Flood Map: 54017C0045C</p> <p>Watershed (HUC8): Little Musringum-Middle Island (503)</p> <p>Advisory Flood Height: N/A</p> <p>Water Depth: N/A</p> <p>Elevation: About 756 ft</p> <p>Location (long, lat): (80.671146 W, 39.401041 N)</p> <p>Location (UTM 17N): (528315, 4361333)</p> <p>Contacts: Doddridge</p> <p>CRS Information: N/A</p> <p>Flood Profile: 54017_014</p> <p>HEC-RAS Model: McElroy Creek</p> <p>Parcel Number:</p>
<p>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 (http://www.MapWV.gov/flood) is supported by FEMA, WV NFIP Office, and WV GIS Technical Center.</p>		

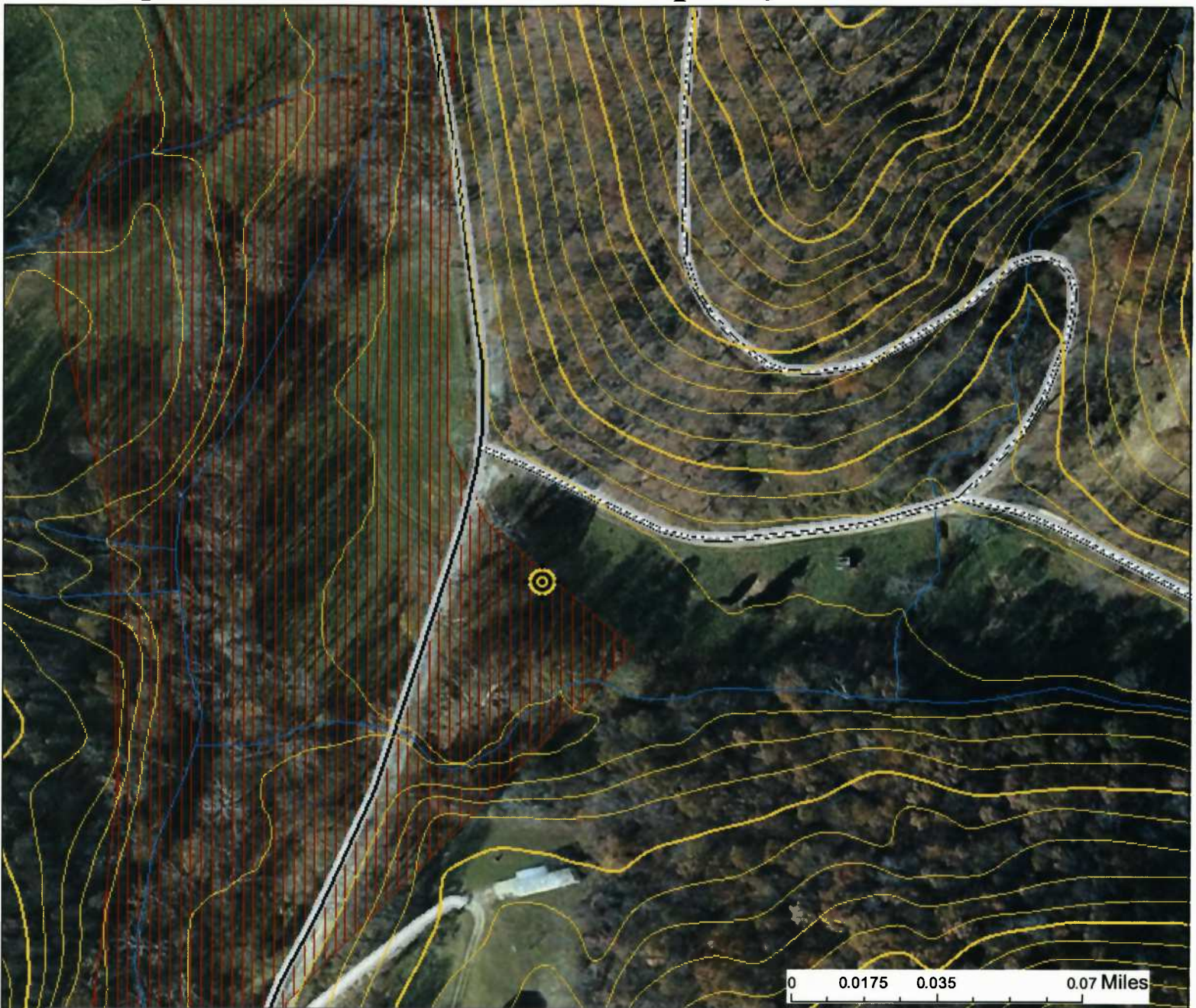
Figure 3 - WV Flood ToolMap EQT MOPA-S009



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

<ul style="list-style-type: none"> Cross Section (XS) Lines Base Flood Elevation (BFE) Lines Floodway 		<ul style="list-style-type: none"> Location of flood information 		<p style="text-align: right;"><i>Map created on November 4, 2015</i></p>	
<p>Flood Hazard Zone</p> <ul style="list-style-type: none"> Approximate Study (Zone A) Detailed Study (AE, AH, AO) Community Rating System Areas 		<p>User Notes:</p> <p>Riggins Run Pipeline Crossing</p>		<p>Flood Hazard Area: Flood Hazard Area: Location is WITHIN the FEMA 100-year floodplain.</p>	
<p>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. <i>WV Flood Tool (http://www.MapWV.gov/flood) is supported by FEMA, WV NFIP Office, and WV GIS Technical Center.</i></p>				<p>Flood Hazard Zone: A (Advisory A)</p> <p>Stream: Riggins Run</p> <p>FEMA Issued Flood Map: 54017C0045C</p> <p>Watershed (HUC8): Little Musringum-Middle Island (503)</p> <p>Advisory Flood Height: About 769 ft</p> <p>Water Depth: About 3.3 ft (Source: HEC_RA)</p> <p>Elevation: About 766 ft</p> <p>Location (long, lat): (80.684433 W, 39.393405 N)</p> <p>Location (UTM 17N): (527174, 4360481)</p> <p>Contacts: Doddridge</p> <p>CRS Information: N/A</p> <p>Flood Profile:</p> <p>HEC-RAS Model: Riggins Run</p> <p>Parcel Number:</p>	

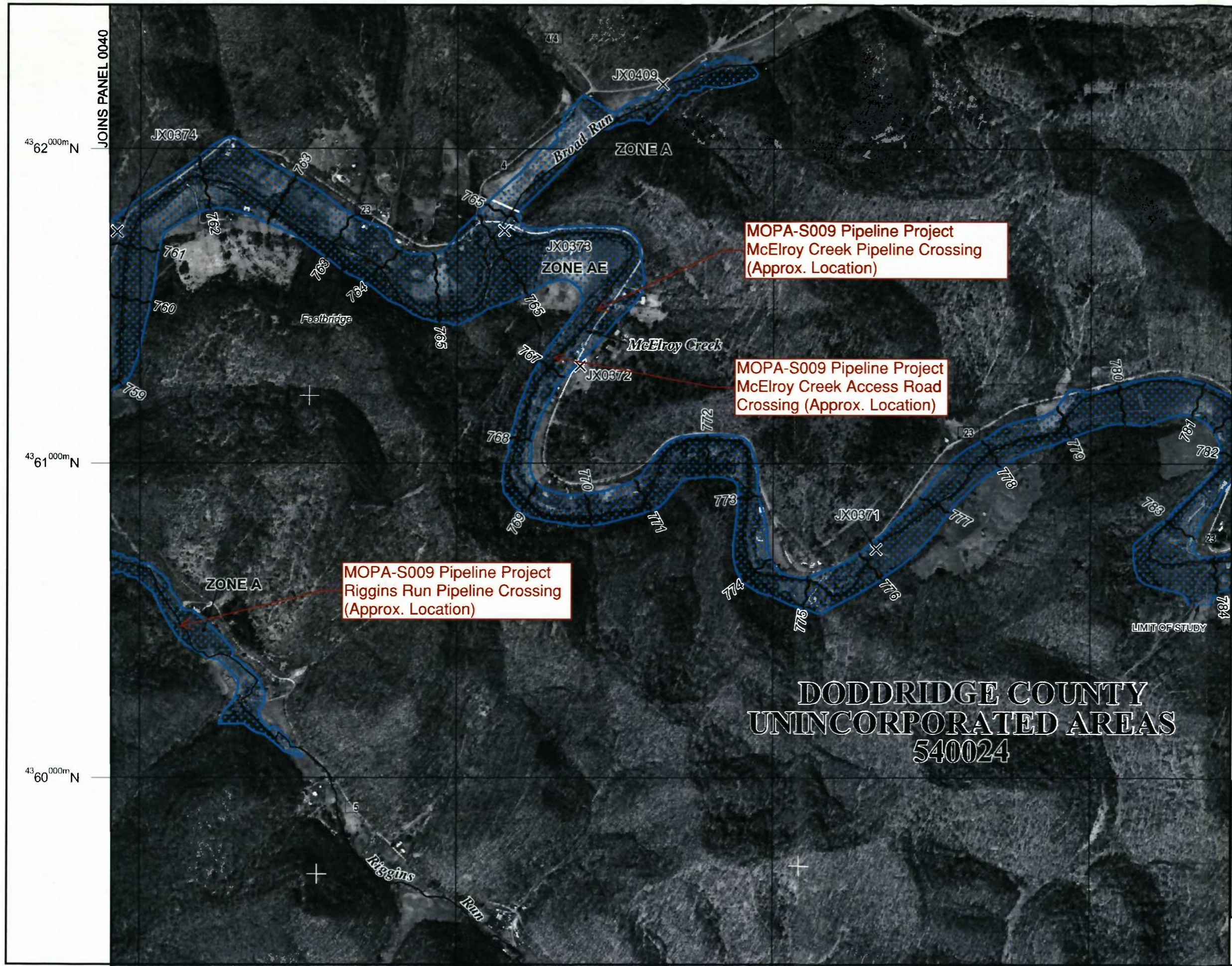
Figure 4 - WV Flood Tool Map EQT MOPA-S009



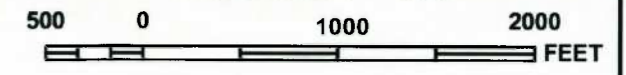
This map is not the official regulatory FIRM or DFIRM. Its purpose is to assist with determining potential flood risk for the selected location.

<p> Cross Section (XS) Lines</p> <p> Base Flood Elevation (BFE) Lines</p> <p> Floodway</p> <p>Flood Hazard Zone</p> <p> Approximate Study (Zone A)</p> <p> Detailed Study (AE, AH, AO)</p> <p> Community Rating System Areas</p> <p>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. <i>WV Flood Tool (http://www.MapWV.gov/flood) is supported by FEMA, WV NFIP Office, and WV GIS Technical Center.</i></p>		<p> Location of flood information</p> <p>User Notes: End of Pipeline</p>	<p style="text-align: right;"><i>Map created on November 4, 2015</i></p> <p>Flood Hazard Area: Flood Hazard Area: Location is WITHIN the FEMA 100-year floodplain.</p> <p>Flood Hazard Zone: A</p> <p>Stream: Flint Run</p> <p>FEMA Issued Flood Map: 54017C0130C</p> <p>Watershed (HUC8): Little Musringum-Middle Island (503</p> <p>Advisory Flood Height: N/A</p> <p>Water Depth: N/A</p> <p>Elevation: About 764 ft</p> <p>Location (long, lat): (80.718861 W, 39.371339 N)</p> <p>Location (UTM 17N): (524217, 4358023)</p> <p>Contacts: Doddridge</p> <p>CRS Information: N/A</p> <p>Flood Profile:</p> <p>HEC-RAS Model: Flint Run</p> <p>Parcel Number:</p>
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ATTACHMENT 4
FIGURES - FEMA FIRMETTES



MAP SCALE 1" = 1000'



NATIONAL FLOOD INSURANCE PROGRAM
 NFIP

PANEL 0045C

FIRM

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

PANEL 45 OF 325
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
DODDRIDGE COUNTY	540024	0045	C

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.



**MAP NUMBER
 54017C0045C
 MAP REVISED
 OCTOBER 4, 2011**

Federal Emergency Management Agency

**DODDRIDGE COUNTY
 UNINCORPORATED AREAS
 540024**

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

524^{000m}E

525^{000m}E

526^{000m}E

JOINS PANEL 0040

80° 41' 15"

39° 22' 30"

ZONE A

MOPA-S009 Pipeline Project
End at Existing Aboveground
Facility (Approx. Location)

320000 FT

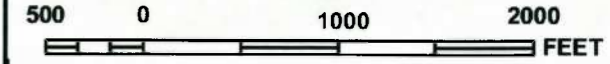


DODDRIDGE COUNTY
UNINCORPORATED AREAS
540024

315000 FT



MAP SCALE 1" = 1000'



NATIONAL FLOOD INSURANCE PROGRAM

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

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.



MAP NUMBER
54017C0130C
MAP REVISED
OCTOBER 4, 2011

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

ATTACHMENT 5
PERMIT APPROVALS



DIVISION OF NATURAL RESOURCES

324 Fourth Avenue, Room 200
South Charleston WV 25303-1228
TDD (304) 558-1439
TDD 1-800-354-6087
Fax (304) 558-6048
Telephone (304) 558-3225

Earl Ray Tomblin
Governor

Robert A. Fala
Director

January 12, 2016
Division of Natural Resources
RIGHT OF ENTRY

Re: **LS-15-VI/09-1640**

EQT Corporation
c/o Jayme Fuller
300 Summers Street, Suite 1100
Charleston, WV 25301-

Dear Sir or Madam:

The Division of Natural Resources hereby grants to you for a period of ten (10) years from the date hereof, a Right of Entry to install, use and maintain a temporary air bridge with support structures at one (1) location, a temporary bridge at four (4) separate locations, a timber mat crossing at three (3) separate locations, and a twenty-four inch by twenty foot (24"x20') culvert in the streambed with an additional five feet (5') rip rap inlet protection and ten feet (10') rip rap outlet protection at one (1) separate location (MOPA-009) along McElroy Creek, an unnamed tributary of McElroy Creek, an unnamed tributary of Riggins Run, Ralphs Run, and unnamed tributaries of Ralph Run near Center Point in Doddridge County, West Virginia.

This Right of Entry is subject to the following terms and conditions:

1. No in stream work during the fish-spawning season (April 1-June 30).
2. Work should be completed as quickly as possible during low flows in designated work areas only.
3. Any streambed disturbance should be restricted to the immediate area. In stream use of equipment should be kept to a minimum.
4. All shore areas disturbed by this operation must be reshaped, seeded and mulched immediately upon completion of work. The prompt establishment of vegetative cover will reduce future damage from high water levels.
5. Green concrete must not be put in the stream (highly toxic to aquatic life).
6. Guidance should be obtained from NRCS (formerly SCS) and a registered engineer for the design and construction. Must allow for passage of at least ten-year year flood flow.
7. Best management practices should be followed; measures such as hay bales must be used to reduce downstream siltation.

January 12, 2016

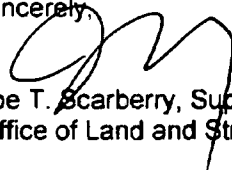
8. Applicant is responsible for removing debris from in and around the installation periodically to prevent stream flow obstruction.
9. Durable head walls of logs, crossties, rock, or concrete shall be constructed at both the upstream and downstream ends of crossing to prevent erosion of fill material into the stream.
10. River gravel may not be used to stabilize banks.
11. Average width and depth of the new channel should be the same as existing channel.
12. Measures such as hay bales must be used to reduce downstream siltation.
13. The State's issuance of this Right-of-Entry does not provide for the applicant to work outside the requested boundaries nor does the State assume any liability for the applicant's/landowner's construction activities. By accepting this Right-of-Entry, the applicant/landowner assumes liability for any/all damages caused by this activity to both upstream and downstream landowners.

Guidelines of Best Management Practices for Sediment and Erosion Control as outlined by the Section of Water Resources, Division of Environmental Protection must be followed. Copies of those guidelines are available from the Section of Water Resources, Telephone No. (304) 926-0440.

The issuance of this Right of Entry by the Division of Natural Resources does not preclude the necessity for you to obtain a permit from the U.S. Corps of Engineers District Office, Permit Section, or any other state or federal permits which may be required by law, nor does this Right of Entry negate the need to comply with the West Virginia Water Pollution Control Act and/or the State Environmental Quality Board's administrative regulations, applicant is also responsible for determining if the proposed activity is located within an identified flood plain and it is the applicant's responsibility for contacting the local governmental agency in charge of that program and obtaining a flood plain development permit for it. This Right of Entry does not grant any rights or privileges, or permission to enter upon or to cross the property of any other person, nor is permission granted to remove any material that lies upon the property of any other persons. Work should be completed in as brief a period as possible and within one year from the date of this letter. In the event you fail or refuse to comply with any of the terms or conditions herein, this Right of Entry will be canceled and considered null and void and the Division will reject further applications.

Your payment is now due and payable in the amount of \$900.00 to the Division of Natural Resources covering the first year's annual fee of this agreement. Your agreement will be effective upon receipt of your payment in full. You must notify this office in writing when this installation has been removed.

Sincerely,


Joe T. Scarberry, Supervisor
Office of Land and Streams

JTS:cb

pc: DNR Fish Biologist
Jeremy Bandy, Environmental Enforcement
DNR Conservation Officers



DIVISION OF NATURAL RESOURCES

324 Fourth Avenue, Room 200
South Charleston WV 25303-1228
TDD (304) 558-1439
TDD 1-800-354-6087
Fax (304) 558-6048
Telephone (304) 558-3225

Earl Ray Tomblin
Governor

Robert A. Fala
Director

January 12, 2016

Division of Natural Resources
LICENSE AND RIGHT OF ENTRY

Re: P-15-VI/09-1641

EQT Corporation
c/o Jayme Fuller
300 Summers Street, Suite 1100
Charleston, WV 25301-

Dear Sir or Madam:

The Division of Natural Resources hereby grants to you for a term of ten (10) years, from the date hereof, a License and Right of Entry to construct, replace, cover, repair, operate, maintain, use and remove a twelve inch (12") pipeline (MOPA-009) at eight (8) separate locations along Broad Run, McElroy Creek, Riggins Run, an unnamed tributary of Riggins Run, Ralphs Run, unnamed tributaries of Ralph Run, and an unnamed tributary of Brush Run, McClellan and Grant Districts, Doddridge County, West Virginia, as shown located and highlighted in red on the map attached hereto as Exhibit A - C.

This License and Right of Entry is subject to the following terms and conditions:

High Quality Streams (HQS) as listed in the West Virginia Division of Natural Resources High Quality Stream Sixth Edition published in 2001 and for any trout streams and direct tributaries of trout streams:

- Directional boring is the only method permitted during the fish spawning season. Fish spawning season for warmwater streams runs from April 1st through June 30th. Trout spawning season runs from October 1st through April 30th.
- Other dry ditch methods (pump around, flume or cofferdam) as described in WVDEP water resources manual (published 2006) on page 3.21-4 may be used outside of spawning seasons.
- Each crossing that utilizes dry ditch methods must be completed in 2 consecutive work days.

Non-high quality stream:

- Directional boring or other dry ditch methods (pump around, flume or cofferdam) as described in WVDEP water resources manual (published 2006) on page 3.21-4 may be used at all times during fish spawning season from April 1st through June 30th. This eliminates the need for spawning season restrictions.
- Crossings using methods other than directional boring. Must be completed in 1 work day.
- Only ephemeral/intermittent streams that are dry can be trenched.

EQT Corporation
P-15-VI/09-1641
Page 2
January 12, 2016

Bank Stabilization

All bank stabilization projects must begin immediately upon completion of utility line crossing and be completed within 24 hours of completion of utility line crossing.

Freshwater Mussels

Mussel surveys on streams with known US Fish and Wildlife listed or candidate endangered species will be required if directional boring is not an option. Contact Janet Clayton of the WVDNR Wildlife Diversity Program for information concerning mussels at 304-637-0245.

For further assistance, contact the appropriate WVDNR District Fisheries Biologist.
District 1 304-825-6787 District 2 304-822-3551 District 3 304-924-6211
District 4 304-256-6947 District 5 304-675-0871 District 6 304-420-4550

The issuance of this License and Right of Entry by the Division of Natural Resources does not preclude the necessity to obtain a permit from the Corps of Engineers or any other state or federal permits which may be required by law, nor does this License and Right of Entry negate the need to comply with the West Virginia Water Pollution Control Act and/or the State Environmental Quality Board's administrative regulations, applicant is also responsible for determining if the proposed activity is located within an identified flood plain and it is the applicant's responsibility for contacting the local governmental agency in charge of that program and obtaining a flood plain development permit for it. This License and Right of Entry does not grant any rights or privileges, or permission to enter upon or to cross the property of any other person, nor is permission granted to remove any material that lies upon the property of any other persons. Work should be completed in as brief a period as possible and within one year from the date of this letter. In the event you fail or refuse to comply with any of the terms or conditions herein, this License and Right of Entry will be canceled and considered null and void and the Division will reject further applications.

Your check in the amount of \$1400.00 is now due and payable to the Division of Natural Resources covering the (10) ten-year fee of this agreement. Your agreement will be effective upon receipt of your payment in full.

Sincerely,



Joe T. Scarberry, Supervisor
Office of Land and Streams

JTS:cb

attachment

pc: DNR Fish Biologist
Jeremy Bandy, Environmental Enforcement
DNR Conservation Officers

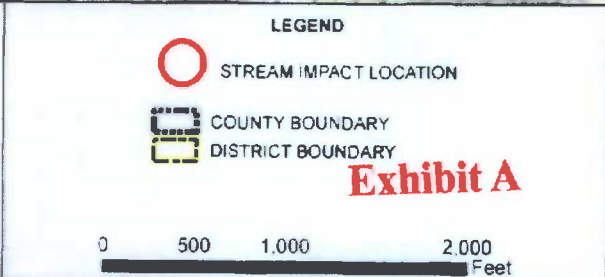
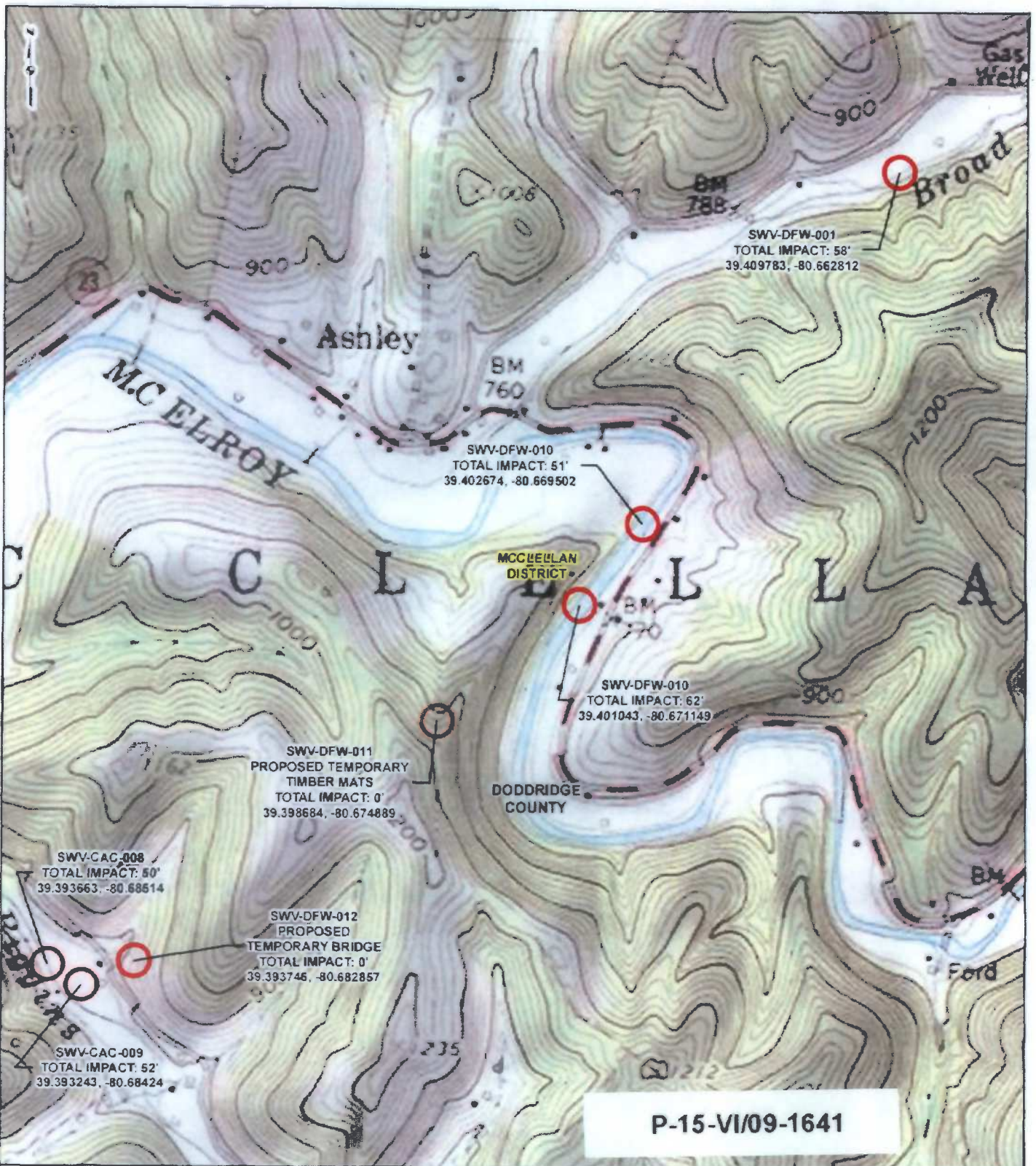
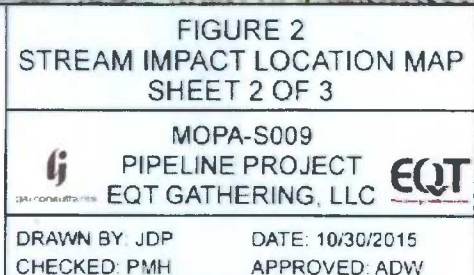
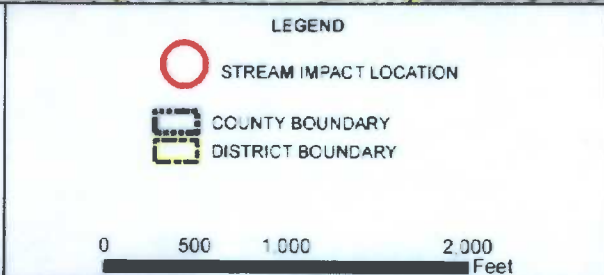
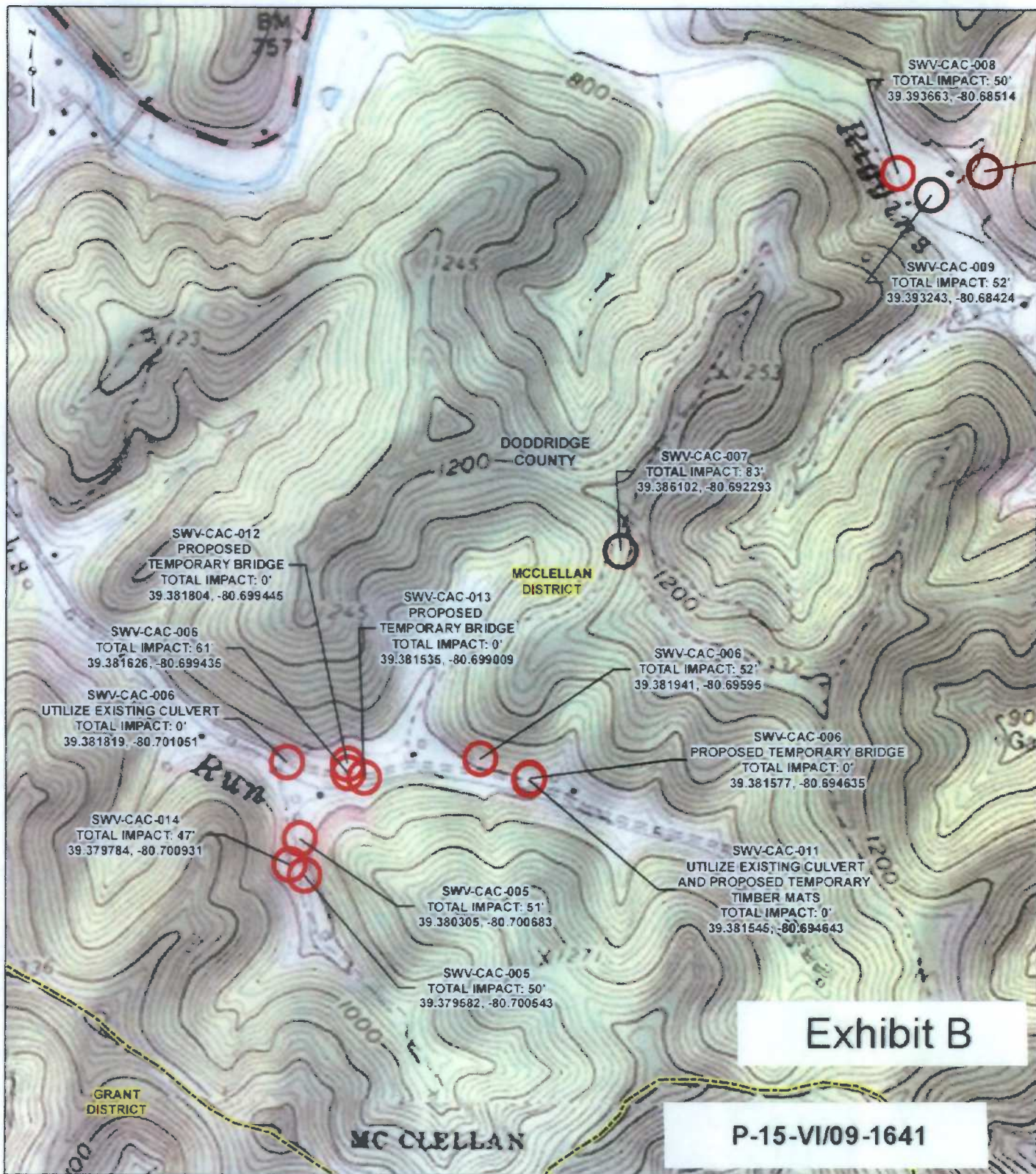


FIGURE 2
STREAM IMPACT LOCATION MAP
SHEET 1 OF 3

MOPA-S009
PIPELINE PROJECT
EQT GATHERING, LLC **EQT**

DRAWN BY: JDP DATE: 10/30/2015
CHECKED: PMH APPROVED: ADW

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES, CENTER POINT (1979) AND SMITHBURG (1977), WEST VIRGINIA, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND USGS, ACCESSED 10/2015



REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES; CENTER POINT (1979) AND SMITHBURG (1977), WEST VIRGINIA, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND USGS. ACCESSED 10/2015.

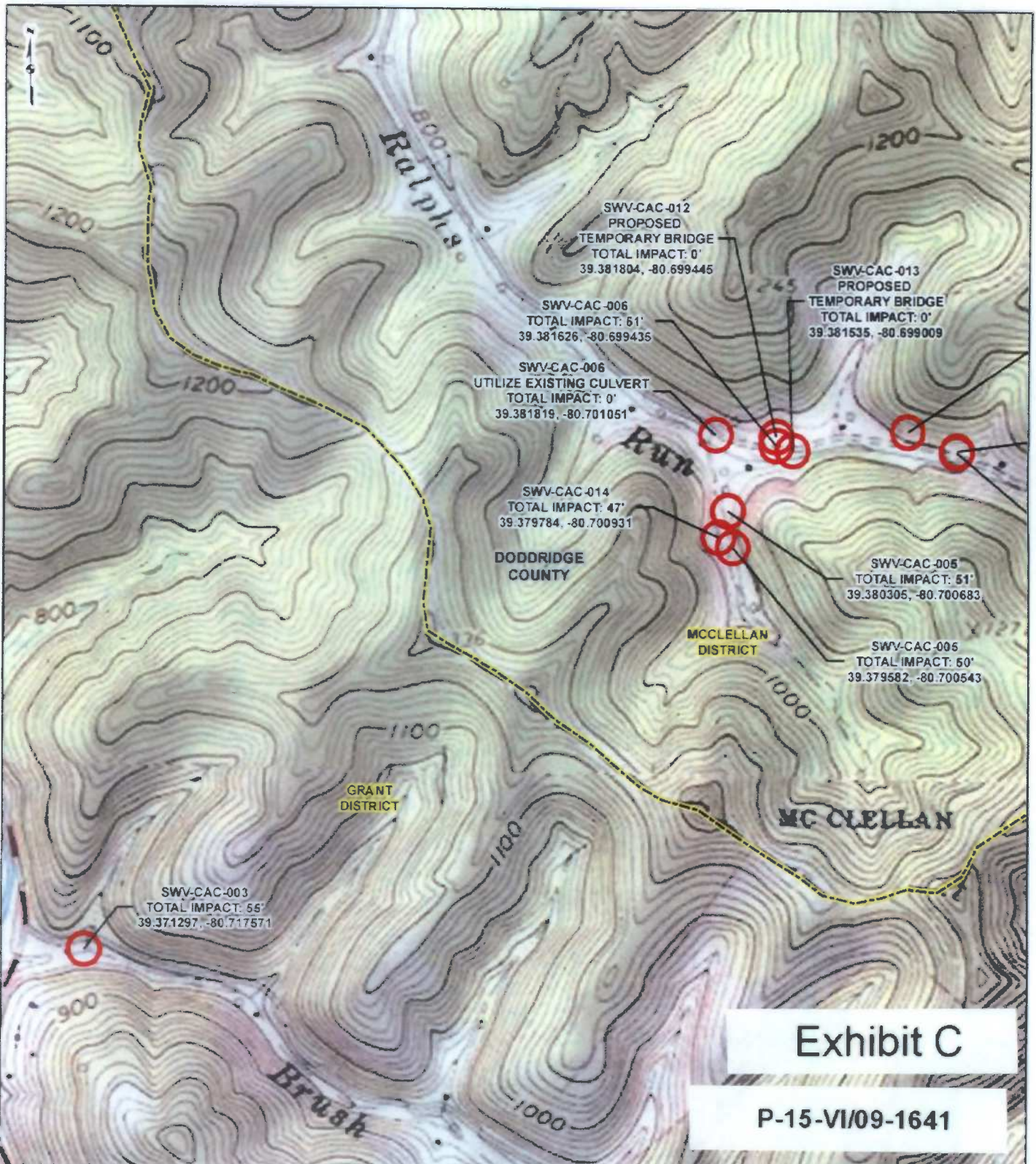


Exhibit C

P-15-VI/09-1641

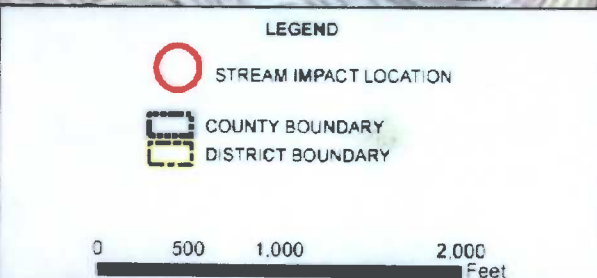


FIGURE 2
STREAM IMPACT LOCATION MAP
SHEET 3 OF 3

MOPA-S009
PIPELINE PROJECT
EQT GATHERING, LLC

DRAWN BY: JDP DATE: 10/30/2015
CHECKED: PMH APPROVED: ADW

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLES, CENTER POINT (1979) AND SMITHBURG (1977), WEST VIRGINIA, OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO AND USGS, ACCESSED 10/2015



DIVISION OF NATURAL RESOURCES

324 Fourth Avenue, Room 200
South Charleston WV 25303-1228
TDD (304) 558-1439
TDD 1-800-354-6087
Fax (304) 558-6048
Telephone (304) 558-3225

Earl Ray Tomblin
Governor

Robert A. Fala
Director

January 12, 2016

Division of Natural Resources
LICENSE AND RIGHT OF ENTRY

Re: R-15-VI/09-1762

EQT Corporation
c/o Jayme Fuller
300 Summers Street, Suite 1100
Charleston, WV 25301-

Dear Sir or Madam:

The Division of Natural Resources hereby grants to you a License and Right of Entry to install and use a low water ford crossing (MOPA-009) along an unnamed tributary to Ralphs Run, McClellan and Grant Districts, Doddridge County, West Virginia.

This License and Right of Entry is subject to the following terms and conditions:

1. No in stream work during the fish-spawning season (April 1-June 30).
2. Work should be completed as quickly as possible during low flows in designated work areas only.
3. Any stream bed disturbance should be restricted to the immediate area. In stream use of equipment should be kept to a minimum.
4. All shore areas disturbed by this operation must be reshaped, seeded, and mulched immediately upon completion of work. The prompt establishment of vegetative cover will reduce future damage from high water levels.
5. Green concrete must not be put in the stream (highly toxic to aquatic life).
6. Best management practices should be followed. Measures such as hay bales must be used to reduce downstream siltation.
7. Approach roads must be graveled or rocked for a minimum length of fifty feet (50').
8. The State's issuance of this Right-of-Entry does not provide for the applicant to

EQT Corporation

Page 2

January 12, 2016

work outside the requested boundaries nor does the State assume any liability for the applicant's/landowner's construction activities. By accepting this Right-of-Entry, the applicant/landowner assumes liability for any/all damages caused by this activity to both upstream and downstream landowners.

9. This is a high-quality stream. A 404 permit may be required from the U.S. Army Corps of Engineers. You may call them at 304-529-5395 or 412-395-7152.

Guidelines of Best Management Practices for Sediment and Erosion Control as outlined by the Section of Water Resources, Division of Environmental Protection must be followed. Copies of those guidelines are available from the Section of Water Resources, Telephone No. (304) 926-0440.

The issuance of this License and Right of Entry by the Division of Natural Resources does not preclude the necessity to obtain a permit from the Corps of Engineers or any other state or federal permits which may be required by law, nor does this License and Right of Entry negate the need to comply with the West Virginia Water Pollution Control Act and/or the State Environmental Quality Board's administrative regulations, applicant is also responsible for determining if the proposed activity is located within an identified flood plain and it is the applicant's responsibility for contacting the local governmental agency in charge of that program and obtaining a flood plain development permit for it. This License and Right of Entry does not grant any rights or privileges, or permission to enter upon or to cross the property of any other person, nor is permission granted to remove any material that lies upon the property of any other persons. Work should be completed in as brief a period as possible and within one year from the date of this letter. In the event you fail or refuse to comply with any of the terms or conditions herein, this License and Right of Entry will be canceled and considered null and void and the Division will reject further applications.

Your check in the amount of \$100.00 is now due and payable to the Division of Natural Resources covering the first year's annual fee of this agreement. Your agreement will be effective upon receipt of your payment in full.

Sincerely,


Joe A. Scarberry, Supervisor
Office of Land and Streams

JTS:cb

pc: DNR Fish Biologist
Jeremy Bandy, Environmental Enforcement
DNR Conservation Officers



west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street SE
Charleston, West Virginia 25304-2345
Phone: 304-926-0495
Fax: 304-926-0496

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

December 08, 2015

MATTHEW HOOVER
EQM GATHERING OPCO, LLC
625 LIBERTY AVE
STE 1700
PITTSBURGH, PA 15222

Re: General Permit Registration No. WVR310622
EQT MOPA-S009 Pipeline Project, Doddridge County,
Disturbed Acres (72.28)

Dear Permittee:

Attached is a copy of your completed registration form for your activity with the above assigned registration number. You are now authorized to operate under General Permit No. WV0116815. This registration form should be kept with your copy of the General Permit. You should carefully read the contents of the permit and become familiar with all requirements needed to remain in compliance with the permit.

Although you should be aware of all the terms and conditions of this permit, we wish to advise you of the following important requirements:

1. In accordance with Section G.4 of the General Permit, you have developed a complete storm water pollution prevention plan. This plan is to be retained on site and be available for review by the Director or the Director's authorized representative as of the date of your coverage by the General Permit, which is the date of this letter.
2. The erosion control measures approved by this agency for this project shall be maintained in proper condition to individually and collectively perform the functions for which they were designed. In order to insure the efficiency and proper maintenance of these measures, the permittee shall make sufficiently frequent, periodic inspections to detect any impairment of the designed stability, capacity or environmental requirements of the approved measures. The permittee shall take immediate steps to correct any such impairment found to exist.
3. If this Stormwater Pollution Prevention Plan (SWPPP) proves to be ineffective in controlling erosion and the sediment in storm water discharges associated with industrial/construction activities, or site conditions change, the Permittee shall amend the SWPPP and install appropriate sediment and/or control devices in accordance with Section G.4.c) of this permit and the application instructions.
4. The current General Permit expires on May 13, 2018. If you wish to continue an activity regulated by this permit after the expiration date of the permit, provisions for coverage will be made during the public notice process for any new General Permit to be issued at that time.

MATTHEW HOOVER

Page 2

December 08, 2015

5. Final stabilization means disturbed areas shall be covered by the appropriate permanent protection. Final stabilization includes; pavement, buildings, stable waterways (riprap, concrete, grass or pipe), a healthy, vigorous stand of perennial grass that uniformly covers at least 70 percent of the ground, stable outlet channels with velocity dissipation which directs site runoff to a natural watercourse, and any other approved structure or material.

Special Condition. The excess material from the boring of McElroy Creek will be disposed of at a permitted landfill facility.

Your annual permit fee has been assessed as \$1,500.00. You will be invoiced by this agency one month prior to the anniversary date of your original approval date. Failure to submit the annual fee within ninety (90) days of the due date will render your permit void upon the date you are mailed a certified written notice to that effect. Please be advised that a pro-rated annual permit fee may be assessed upon the completion date and proper stabilization.

Issuance of this approval of the General Permit registration does not authorize any injury to persons or property or invasion of other private rights, or any infringement of federal, state or local law or rules.

The validity of this General Permit Registration is contingent upon payment of the applicable annual permit fee, as required by Chapter 22, Article 11, Section 10 of the Code of West Virginia.

Your efforts toward preventing the degradation of our natural resources are greatly appreciated. If you have any questions, please contact Sharon Mullins of this Office at (304) 926-0499 extension 1132 or at sharon.a.mullins@wv.gov.

Scott G. Mandirola

Director

WV DEP-Division of Water & Waste Mgt.

601 57th St SE

Charleston, WV 25304-2345

Phone: (304) 926-0495

Fax: (304) 926-0463



DEPARTMENT OF THE ARMY
HUNTINGTON DISTRICT, CORPS OF ENGINEERS
502 EIGHTH STREET
HUNTINGTON, WEST VIRGINIA 25701-2070

REPLY TO
ATTENTION OF

DEC 18 2015

Regulatory Division
Energy Resource Branch
LRH-2015-01004-OHR-Middle Island Creek

PRELIMINARY JURISDICTIONAL DETERMINATION
AND NATIONWIDE PERMIT NO. 12 VERIFICATION

Mr. Matthew Hoover
EQT Gathering, LLC
555 Southpointe Blvd
Suite 200
Canonsburg, PA, 15317

Dear Mr. Hoover:

I refer to the Pre-Construction Notification (PCN) requesting a Department of the Army (DA) authorization to discharge dredged and/or fill material into waters of the United States (U.S.) in association with the construction of the MOPA-S009 Pipeline Project. The proposed project will involve the construction of approximately 5.1 miles of a 12-inch diameter natural gas pipeline and upgrades to existing and/or construction of new access roads. On-site waters have a surface hydrological connection to Middle Island Creek a tributary to Ohio River, a traditional navigable water of the U.S. The proposed project will be located approximately 0.2 miles southeast of Ashely, in Doddridge County, West Virginia. The northern terminus of the project would originate at (39.410400°N, 80.663183°E) and would travel southwest to county route 3 (Big Flint Road) (39.371326°S, 80.718867°W). The PCN has been assigned the following file number: LRH-2015-01004-OHR-Middle Island Creek. Please reference this number on all future correspondence related to this project.

The U.S. Army Corps of Engineers (Corps) authority to regulate waters of the U.S. is based on the definitions and limits of jurisdiction contained in 33 CFR 328 and 33 CFR 329. Section 404 of the Clean Water Act (Section 404) requires a DA permit be obtained prior to discharging dredged or fill material into waters of the U.S., including wetlands. Section 10 of the Rivers and Harbors Act of 1899 (Section 10) requires a DA permit be obtained for any work in, on, over or under a navigable water.

Based on a review of the *Wetland Delineation and Stream Identification Report for the EQT Gathering, LLC-MOPA S009 Pipeline Project Doddridge County, West Virginia*, the *PCN Package, Feature Mapping and Narratives for the MOPA-S009 Pipeline Project*, and final project information received in our office on December 8, 2015, this office has determined that waters are present within the delineation boundary.

Preliminary Jurisdictional Determination

The PJD boundary contains nine (9) streams, totaling 672 linear feet (lf), three (3) wetlands totaling 239 lf or 0.168 acre as described in the enclosed PJD form. On-site waters have a surface hydrological connection to Middle Island Creek a tributary to Ohio River. Refer to the enclosed PJD Form for a detailed description of jurisdictional waters.

This office has determined that these waters **may** be jurisdictional waters of the U.S. in accordance with the Regulatory Guidance Letter for Jurisdictional Determinations issued by the Corps on June 26, 2008 (RGL No. 08-02). As indicated in the guidance, this PJD is non-binding and cannot be appealed (33 C.F.R. 331.2) and only provides a written indication that waters of the U.S., including wetlands, may be present on-site.

You have declined to exercise the option to obtain an approved jurisdictional determination in this instance and at this time for the area within the PJD boundary. For the purposes of the determination of impacts, compensatory mitigation, and other resource protection measures for activities that require authorization from this office, the streams and wetlands described in the attached *Preliminary Jurisdictional Determination Form* will be evaluated as if they are waters of the U.S. Attached please find two copies of the PJD. If you agree with the findings of this PJD and understand your options regarding the same, please sign and date one copy of the form and return it to this office within 30 days of receipt of this letter. You should return the signed copy via email to Aca.C.Ramey@usace.army.mil or to the following address:

United States Army Corps of Engineers
Attn: Aca C. Ramey (2015-00893)
Huntington District
Attn: Energy Resource Branch
502 Eighth Street
Huntington, West Virginia 25701.

Nationwide Permit No. 12:

The proposed project, as described in the submitted information, has been reviewed in accordance with Section 404 and Section 10. Based on your description of the proposed work, and other information available to us, it has been determined that this project will not involve activities subject to the requirements of Section 10. However, this project will include the discharge of dredged or fill material into waters of the U.S. subject to the requirements of Section 404.

You have requested a DA authorization to temporarily discharge dredged and/or fill material into 672 linear feet of stream and 239 linear feet or 0.168 acre of wetland at fifteen (15) single and complete projects for the construction of the proposed EQT Gathering, LLC-MOPA S009 Pipeline Project, as described in Table 1 enclosed with this letter.

To minimize impacts to waters of the U.S., timber matting would be utilized for construction equipment crossing. Upon installation of the pipeline, the temporarily affected waters of the U.S. would be restored to their pre-disturbance contours and elevations.

Based on your description of the proposed work, it has been determined the proposed discharge of dredged and/or fill material into waters of the U.S., as described on Table 1 for the construction of the EQT Gathering, LLC-MOPA-S009 Pipeline Project, meets the criteria for authorization under Nationwide Permit (NWP) #12 (enclosed) under the February 21, 2012 Federal Register, Notice of Reissuance of NWPs (77 FR 10184) provided you comply with all terms and conditions of the enclosed NWP #12.

The enclosed special conditions, and the 401 Water Quality Certification issued by the West Virginia Department of Environmental Protection. A copy of this NWP can be found on our website at <http://www.lrh.usace.army.mil/Missions/Regulatory.aspx>.

In view of the above, your utility line project is authorized subject to the terms and conditions of the enclosed material, including the enclosed special conditions. It is your responsibility to ensure that your work conforms to all of the environmental management conditions listed within the enclosed material. Please be aware this NWP verification does not obviate the requirement to obtain any state or local assent required by law for the activities.

This verification is valid until the expiration date of the NWPs, unless the NWP authorization is modified, suspended, or revoked. The verification will remain valid if the NWP authorization is reissued without modification or the activity complies with any subsequent modification of the NWP authorization. All of the existing NWPs are scheduled to be modified, reissued, or revoked on March 18, 2017. Prior to this date, it is not necessary to contact this office for re-verification of your project unless the plans for the proposed activity are modified. Furthermore, if you commence or under contract to commence this activity before March 18, 2017, you will have twelve (12) months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this NWP.

A copy of this NWP and verification letter must be supplied to your project engineer responsible for construction activities and a copy of the verification letter must be kept at the site during construction. Upon completion of the work, the enclosed certification must be signed and returned to this office. If you have any questions concerning the above, please contact Mr. Aca Ramey at (304) 399-5166 or by email at aca.c.ramey@usace.army.mil

Sincerely,



Richard Berkes
Regulatory Project Manager
Energy Resource Branch

Enclosures

**Nationwide Permit 12 Verification Special Conditions
EQT Gathering LLC,
LRH-2015-01004-OHR-Middle Island Creek
MOPA-S009 Pipeline Project
Ritchie County, West Virginia**

Page 1 of 1

Special Condition 1: Should new information regarding the scope and/or impacts of the project become available that was not submitted to this office during our review of the proposal, the permittee shall submit written information concerning proposed modification(s) to this office for review and evaluation, as soon as practicable.

Rationale: This condition would be incorporated into the NWP verification for this proposal to ensure the permittee understands that any modifications to the project could involve a new permit or modification or require Section 106 or Section 7 consultation.

Special Condition 2: Section 7 obligations under Endangered Species Act must be reconsidered if new information reveals impacts of the project that may affect federally listed species or critical habitat in a manner not previously considered, the proposed project is subsequently modified to include activities which were not considered during Section 7 consultation with the United States Fish and Wildlife Service, or new species are listed or critical habitat designated that might be affected by the subject project.

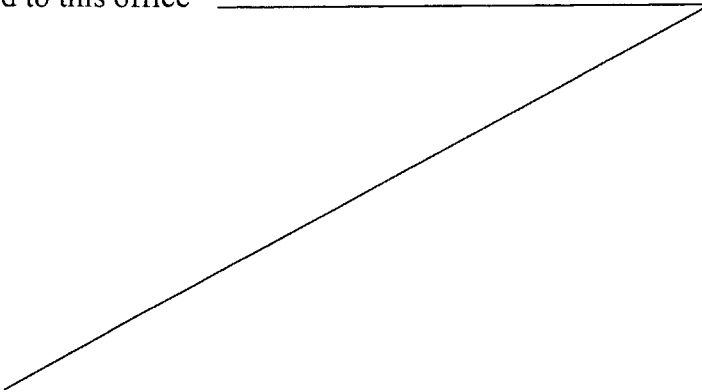
Rationale: This condition would be incorporated into the NWP verification for this proposal to minimize effects on federally-listed species or critical habitat in a manner not previously considered.

Special Condition 3: The permittee should incorporate the bat conservation plan for any permits issued for this project, and all measures must be implemented as proposed.

Rationale: The above condition would be incorporated into the NWP verification for this proposal to minimize effects on federally listed bats species as determined by the USFWS for this proposed project.

Special Condition 4: Upon completion of the activity authorized by this nationwide permit verification, the enclosed activity completion certification must be signed and returned to this office.

Rationale: This condition would be incorporated into the NWP verification to request the activity completion form be returned to this office _____



PRELIMINARY JURISDICTIONAL DETERMINATION FORM

BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR PRELIMINARY JURISDICTIONAL DETERMINATION (PJD): December 10, 2015

B. NAME AND ADDRESS OF PERSON REQUESTING PRELIMINARY JD:

Mr. Matthew Hoover
EQT Gathering, LLC,
555 Southpointe Blvd
Canonsburg, PA 15317

C. DISTRICT OFFICE, FILE NAME, AND NUMBER:

LRH-2015-1004-OHR- Middle Island Creek

D. PROJECT LOCATION(S) AND BACKGROUND INFORMATION:

State: West Virginia

County: Doddridge

City: Ashley

Coordinates of site: 39.392997° N, -80.688098° W

Name of nearest water body: Broad Run, McElroy Creek, Brush Run, Ralphs Run & Riggins Run

Identify (estimate) amount of waters in the Area of Interest (AOI):

Non-wetland waters: 672 linear feet

Cowardin Class: riverine

Stream Flow: perennial, intermittent, ephemeral

Wetlands: 0.168

Cowardin Class: PEM

See Table 1 for specific details regarding on-site waters.

Name of any water bodies on the site that have been identified as Section 10 waters:

None

E. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

Office (Desk) Determination. Date: December 10, 2015

Field Determination. Date: May 12, 2015

1. The United States Army Corps of Engineers (Corps) believes that there may be jurisdictional waters of the United States on the subject site, and the permit applicant or other affected party who requested this preliminary jurisdictional determination (JD) is hereby advised of his or her option to request and obtain an approved JD for that site. Nevertheless, the permit applicant or other person who requested this preliminary JD has declined to exercise the option to obtain an approved JD in this instance and at this time.

2. In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring "pre-construction notification" (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an approved JD for the activity, the permit applicant is hereby made aware of the following: (1) the permit applicant has elected to seek a permit authorization based on a preliminary JD, which does not make an official determination of jurisdictional waters; (2) that the applicant has the option to request an approved JD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an approved JD could possibly result in less compensatory mitigation being required or different special conditions; (3) that the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization; (4) that the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary; (5) that undertaking any activity in reliance upon the subject permit authorization without requesting an approved JD constitutes the applicant's acceptance of the use of the preliminary JD, but that either form of JD will be processed as soon as is practicable; (6) accepting a permit authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a preliminary JD constitutes agreement that all wetlands and other water bodies on the site affected in any way by that activity are jurisdictional waters of the United States, and precludes any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an approved JD or a preliminary JD, that JD will be processed as soon as is practicable. Further, an approved JD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331, and that in any administrative appeal, jurisdictional issues can be raised (see 33 C.F.R. 331.5(a)(2)). If, during that administrative appeal, it becomes necessary to make an official determination whether CWA jurisdiction exists over a site, or to provide an official delineation of jurisdictional waters on the site, the Corps will provide an approved JD to accomplish that result, as soon as is practicable.

This preliminary JD finds that there "*may be*" waters of the United States on the subject project site, and identifies all aquatic features on the site that could be affected by the proposed activity, based on the following information:

SUPPORTING DATA. Data reviewed for preliminary JD (check all that apply - checked items should be included in case file and, where checked and requested, appropriately reference sources below):

Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: GAI Consultants, Inc. submitted the following: Topographic location maps and alignment files.

Data sheets prepared/submitted by or on behalf of the applicant/consultant: Data sheets in original and revised report.


- Office concurs with data sheets/delineation report.
 Office does not concur with data sheets/delineation report.

- Data sheets prepared by the Corps:
 Corps navigable waters' study:
 U.S. Geological Survey Hydrologic Atlas:USGS national hydrography.
 USGS NHD data.
 USGS 8 and 12 digit HUC maps.
 U.S. Geological Survey map(s). Center Point, 1979 and Smithburg, 1977 1:24,000
 USDA Natural Resources Conservation Service Soil Survey. USDA NRCS soil Survey Geographic (SSURGO) database for Doddridge County, West Virginia. Available online at <http://websoilsurvey.nrcs.usda.gov>
 National wetlands inventory map(s). Cite name: USACE ORM NWI dataset, accessed December 2015
 State/Local wetland inventory map(s):
 FEMA/FIRM maps:USACE ORM NWI dataset access December 2015.
 100-year Floodplain Elevation is: (National Geodectic Vertical Datum of 1929)
 Photographs: Aerial (Name & Date):ESRI Imagery. 2015 ESRI.
or Other (Name & Date):
 Previous determination(s). File no. and date of response letter:

IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the Corps and should not be relied upon for later jurisdictional determinations.



Aca C. Ramey
Regulatory Project Manager
Energy Resource Branch



Signature and date of
person requesting preliminary JD
(REQUIRED, unless obtaining the
signature is impracticable)

**Table 1. Stream Channels Identified within the
EQT-MOPA-S009 Pipeline Project
LRH-2015-01004-OHR**

Waters ID	Latitude (°N)	Longitude (°W)	Flow Regime	Linear Feet (lf) of Stream within the AOI	Class of Aquatic Resource
swv-dfw-001	39.409788	-80.662871	Perennial	58	non-section 10 - non-wetland
swv-dfw-010	39.402728	-80.669616	Perennial	113	non-section 10 - non-wetland
swv-cac-003	39.371679	-80.717414	Intermittent	55	non-section 10 - non-wetland
swv-cac-005	39.379581	-80.700543	Perennial	101	non-section 10 - non-wetland
swv-cac-006	39.381939	-80.69592	Perennial	113	non-section 10 - non-wetland
swv-cac-007	39.386207	-80.692371	Ephemeral	83	non-section 10 - non-wetland
swv-cac-008	39.393467	-80.684987	Perennial	50	non-section 10 - non-wetland
swv-cac-009	39.393355	-80.684007	Intermittent	52	non-section 10 - non-wetland
swv-cac-014	39.379784	-80.700931	Intermittent	47	non-section 10 - non-wetland
-----	-	-	Total Streams	672	-
WETLANDS	-	-	-	ACRE	-
www-cac-001	39.393153	-80.683995	PEM	0.014	non-section 10 - non-wetland
WWV-CAC-004	39.381637	-80.694261	PEM	0.008	non-section 10 - non-wetland
Wwc-cac-005	39.380145	-80.700802	PEM	0.020	non-section 10 - non-wetland
			Wetland Total	0.168	

RD-E-AEF

Permit Number LRH-2015-01004 UNT- Little Island Creek

Name of Permittee: Mr. Matthew Hoover
EQT Gathering, LLC
555 Southpointe Blvd
Canonsburg PA, 15222

Date of Issuance: 12/18/2015

Upon completion of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to the following address:

Huntington District
U.S. Army Corps of Engineers
502 8th Street
Huntington, West Virginia 25701-2070
Attn: RD-E (LRH-2015-161-Fannin)

Please note that your permitted activity is subject to a compliance inspection by a United States Army Corps of Engineers representative. If you fail to comply with this permit you are subject to permit suspension, modification, or revocation.

I hereby certify that the work authorized by the above referenced permit has been completed in accordance with the terms and conditions of the said permit, and required mitigation was completed in accordance with the permit conditions.

Signature of Permittee

Date

**NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND
REQUEST FOR APPEAL**

Applicant: Matthew Hoover		File Number: 2015-01004- OHR-Middle Island Creek	Date: 12/18/2015
Attached is:			See Section below
	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)		A
	PROFFERED PERMIT (Standard Permit or Letter of permission)		B
	PERMIT DENIAL		C
	APPROVED JURISDICTIONAL DETERMINATION		D
X	PRELIMINARY JURISDICTIONAL DETERMINATION		E

SECTION I: The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at <http://usace.army.mil/inet/functions/cw/ccwo/reg> or Corps regulations at 33 CFR Part 331.

- A: INITIAL PROFFERED PERMIT:** You may accept or object to the permit.
- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
 - **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.
- B: PROFFERED PERMIT:** You may accept or appeal the permit
- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
 - **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.
- C: PERMIT DENIAL:** You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.
- D: APPROVED JURISDICTIONAL DETERMINATION:** You may accept or appeal the approved JD or provide new information.
- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
 - **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision and/or the appeal process you may contact:

Ginger Mullins, Chief, Regulatory Division, 304-399-5389
Teresa Spagna, Chief, North Regulatory Branch 304-399-5210
Susan Porter, Chief, South Regulatory Branch, 304 399-5710
Mike Hatten, Chief, Energy Resource Branch, 304-399-5610
Address: U.S. Army Corps of Engineers
Regulatory Branch
502 8th Street
Huntington, WV 25701

If you only have questions regarding the appeal process you may also contact:

U.S. Army Corps of Engineers
Great Lakes and Ohio River Division
550 Main Street, Room 10524
Cincinnati, OH 45202-3222
Phone: (513) 684-7261
Fax: (513) 684-2460

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

Date:

Telephone number:

Signature of appellant or agent.

CELRH-RD-E
Application LRH-2015-01004-OHR-Middle Island Creek

MEMORANDUM FOR RECORD

SUBJECT: Department of the Army decision memorandum – determination of an activity’s compliance with a general permit

1.0 Applicant: Mr. Matthew Hoover
EQT Gathering, LLC,
555 Southpointe Blvd
Suite 200
Canonsburg, PA, 15317

2.0 Project location: The proposed site location is approximately 0.2 miles southeast of the town of Ashely; in Doddridge County, West Virginia. The proposed pipeline will run through the districts of McClellan and Grant with the total length of the pipeline being approximately 5.1 miles. The southern terminus of the proposed pipeline would be located 39.371326/-80.718867 and the northern terminus of the project would be located 39.410400/-80.663183 with the center of the project being located at 39.392887/-80.688098.

Waterway: Broad Run, McElroy Creek, Brush Run, Ralphs Run, & Riggins Run
Nearest city Ashley County: Doddridge County State: West Virginia
Latitude: See above Longitude: See above

3.0 Pre-Construction Notification (PCN) information:
PCN required? Yes
PCN receipt date: November 02, 2015
Complete? NO
Additional information requested? Yes Date(s): 3 December 2015
7 December 2015, 8 December 2015
Date complete PCN received: December 8, 2015

4.0 Waters of the United States:
Jurisdictional determination information: The applicant, EQT Gathering, LLC (EQT) has requested a preliminary jurisdictional determination (PJD) regarding the waters on the proposed project site in accordance with the Corp’s Regulatory Guidance Letter 08-02. Based upon a review of the *Nationwide Permit 12 Pre-Construction Notification EQT Gathering, EQT-MOPA-S009 Pipeline, Doddridge County, West Virginia* report dated 21 September 2015. As indicated on the PJD Form the project site design requires impacts to nine (9) streams totaling 672 linear feet and three (3) wetlands totaling 0.168 acre to be impacted for the construction of the pipeline and upgrades and construction of proposed and existing access roads. (See 1 table below). The above mentioned streams are all tributaries of McElroy Creek an tributary of Middle Island Creek, which is a tributary of the Ohio River a traditional navigable water (TNW) of the United States (U.S.).

CELRH-RD-

Application LRH-2015-1004-OHR-UNT-Middle Island

SUBJECT: Department of the Army decision memorandum – determination of an activity's compliance with a general permit

5.0 Authority: Section 404 Section 10 Section 103

6.0 **Project description:** EQT Gathering LLC., has proposed to construct approximately 5.1 miles of 12-inch diameter natural gas gathering pipeline and the upgrade of approximately 2.4 miles of proposed and existing access roads. The northern terminus is located south of CR 4 (Broad Run Road), and the proposed pipeline extends south to the southern terminus at the proposed MOPA-S009 pipeline located along CR 3 (Big Flint Road) The total limit of disturbance (LOD) is approximately 72 acres. The temporary LOD will be 100 feet in width and the permanent LOD will be 75 feet wide. The LOD will be reduced to 50 feet wide at proposed stream and wetland crossings. Implementation of the proposed pipeline and the upgrades and construction of the existing access roads would result in the temporary discharge of dredged and/or fill material into approximately 672 lf of stream and 0.168 acre of wetland, at twelve (12) single and complete projects locations, as described in Table 1. Upon installation of the pipeline, the temporarily affected waters of the U.S. would be restored to their pre-disturbance contours and elevations.

Single and Complete projects: This memorandum is being completed in association with the proposed discharge of dredged and/or fill material associated with the construction of MOPA-S009 Pipeline Project and access roads to the pipeline. The Corps has analyzed the proposed project and has determined that the overall Linear Project involves twelve (12) single and complete permit area.

Note: Streams are labeled as SWV and wetlands are labeled as WWV

- SWV-DFW-001 Pipeline
- SWV-CAC-003 Pipeline
- SWV-CAC-005 Pipeline, Access road 9a
- SWV-CAC-006 Pipeline, Access road 8 culvert
- SWV-CAC-007 Pipeline
- SWV-CAC-009 Pipeline
- SWV-CAC-014 Access road 9a culvert
- SWV-DFW-010 Pipeline, Access road 2a
- SWV-CAC-008 Pipeline
- WWV-CAC-001 Pipeline/access road 4a
- WWV-CAC-005 Access road 9a
- WWV-CAC-004 Access road 6

NWP 12 Specific Regional Conditions:

- For those utility line projects requiring notification, a USGS topographical map shall be provided showing the overall project area identifying beginning and ending termini.

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Application LRH-2015-1004-OHR-UNT-Middle Island

SUBJECT: Department of the Army decision memorandum – determination of an activity's compliance with a general permit

- Notification is required for utility lines not regulated by a State or Federal agency (Federal Energy Regulatory Commission, Public Service District, etc.) or to individual family residences.
- Notification is required for all work in streams (perennial, intermittent, and ephemeral) associated with the construction of foundations for overhead utility line towers, poles, and anchors.

7.0 Project purpose: Construct natural gas pipeline, upgrade existing access road and/or construct access road to gas pipeline.

8.0 Applicable general permit(s): Nationwide Permit (NWP) Number: 12

9.0 Written waiver required for GP authorization? No.

10.0 Coordination with agencies? No. Agency coordination was not required in accordance with Nationwide Permit General Condition 31 (d) The applicant initiated coordination with the United States Fish and Wildlife Service.

11.0 Compliance with other federal laws:

11.1 Has a federal agency other than the Corps Regulatory office documented that the proposed project complies with applicable federal laws, to include Section 7 of the Endangered Species Act (ESA), the essential fish habitat (EFH) provisions of the Magnuson-Stevens Fishery Conservation and Management Act (MSA), and/or Section 106 of the National Historic Preservation Act (NHPA), as appropriate? No

11.2 Section 7(a)(2) of the ESA:

11.2.1 ESA scope of analysis: The action area is limited to the area of direct impacts, as a result of the discharge of dredged and/or fill material into water of the U.S., and the immediate adjacent uplands directly affected by authorizing the discharge of dredged and/or fill material. Based upon the information provided by the applicant the construction of the natural gas pipeline and upgrades to existing and/or construction of access roads would involve both permanent and temporary impacts to the streams identified within the LOD. (see Table 1 below) A flume and air bridge would be installed spanning one perennial stream, McElroy Creek (62 lf) requiring a temporary discharge of fill material to the stream below the ordinary high water mark. The proposed bridge will consist of two support structures placed in the creek channel to support railing for heavy vehicles to cross, no rip-rap or culverts will be required to divert the stream. Once the construction of the pipeline is complete the bridge will be removed. This office review is limited to the immediate surrounding areas which require permanent stream impacts to the four (4) tributaries to Broad Run and Ralphs Run the temporary bridge construction over McElroy Creek as indicated in the construction plans provided by the applicant.

CELRH-RD-

Application LRH-2015-1004-OHR-UNT-Middle Island

SUBJECT: Department of the Army decision memorandum – determination of an activity's compliance with a general permit

11.2.2 Name of species and/or critical habitat considered: Indiana bat- E-(*Myotis sodalis*), Northern long-eared bat-T- (*Myotis septentrionalis*), Snuffbox mussel, (*Epioblasma triquetra*) and Eastern cougar (*Felis concolor cougar*)

11.2.3 Effect determination(s):

No effect

May affect, not likely to adversely affect

May affect, likely to adversely affect

11.2.4 Basis for determination: The applicant submitted for review to the U.S. Fish and Wildlife Service (USFWS) a Myotid Bat Habitat Conservation Plan for the proposed pipeline and road construction on October 15, 2015. The USFWS services stated (by letter dated November 30, 2015, FWS file # 2016-1-0039) the proposed project is not likely to adversely affect the Indiana bat and/or the northern long-eared bat and the conservation plan should be incorporated as a mandatory condition in any permits issued for this project, and all measures must be implemented as proposed. Due to McElroy Creek being listed as known stream to support the federally endangered snuffbox mussel, the applicant completed a Phase I and Phase II Freshwater Mussel Survey Report for review by the USFWS. The mussel survey was conducted from September 3 to September 28, 2015 (tails # 2016-I-0039). A total of 77 individual of 10 species were located. Although McElroy Creek is known to support the snuffbox mussel, no live fresh water mussels of this species were observed during the survey. Therefore, no federally listed endangered and threatened species are expected to be impacted by the project. The USFWS concurred with the report on October 27, 2015.

Indiana bat: The proposed project lies within the range of the Indiana bat (*Myotis sodalis*). Summer habitat for the Indiana bat includes live and/or dead trees with peeling (exfoliating) bark, cracks, or crevices. Indiana bats use cave or mine portals for winter hibernation between 15 November and 31 March. Indiana bat foraging habitat is generally defined as riparian, bottomland, or upland forest, as well as old fields or pastures with scattered trees. Roosting and maternity habitats consist primarily of live or dead hardwood trees which have exfoliating bark that provides space for bats to roost between the bark and the bole of the tree. Tree cavities, crevices, splits, or hollow portions of tree boles and limbs also provide roost sites. In West Virginia, the U.S. Fish and Wildlife Service (USFWS) considers all forest habitats containing trees greater than or equal to 5 inches in diameter at breast height (DBH) to be potentially suitable as summer roosting and foraging habitat for the Indiana bat. Additionally, the USFWS determined that projects affecting 17 acres or less of suitable forest habitat that occur more than 5 miles from any known Indiana bat hibernaculum, or more than 2.5 miles from any known maternity roost, or more than 5 miles from summer capture sites where no roosts were identified are very unlikely to result in direct or indirect impacts to the species.

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Application LRH-2015-1004-OHR-UNT-Middle Island

SUBJECT: Department of the Army decision memorandum – determination of an activity's compliance with a general permit

Northern long-eared bat: The proposed project lies within the range of the northern long-eared bat (*Myotis septentrionalis*), a federally listed threatened species. Summer habitat includes a variety of habitat ranging from bark, cavities or crevices of live trees and snags to caves or mines to human made structures such as buildings, barns, etc. The northern long-eared bats are most likely not dependent on a certain species of trees for roosts; rather, certain tree species will form suitable cavities or retain bark and the bats will use them opportunistically. Based on the *Northern Long-Eared Bat Interim Conference and Planning Guidance* [USFWS January 6, 2014), the finding by the USFWS and in conjunction with the submitted Myotid Bat Habitat Conservation Plan submitted by the applicant, this office has determined the proposed construction of the natural gas pipeline and access road would not likely to adversely affect the Indiana or northern long-eared bat. Therefore, no further Sec 7 consultation is required unless unforeseen events occur during the construction phase of the well pad or access road initiating a change in the preliminary construction plans given by the applicant.

Eastern cougar: According to information obtained from the USFWS concerning the distribution of federally listed threatened and endangered species in West Virginia, habitat for the eastern cougar exists throughout the state. However, this species may be extinct or extirpated and there have been no documented, verified occurrences in West Virginia in over 100 years. Therefore, it is the Corps' determination that the proposed project would have no effect on the eastern cougar.

Snuffbox mussel: Habitat for the Snuffbox includes small to medium-sized creeks to larger rivers. It typically occurs in swift currents with gravel and sand with occasional cobble and boulders. Within Ritchie County, it is known to occur within the Hughes River, South & North Fork of the Hughes. However, based upon the mussel survey it is the Corps' determination the snuffbox mussel would be unlikely to occur within the project area and the project would result in no effect to the snuffbox mussel.

11.2.5 Consultation type: USFWS

11.2.6 Date Section 7 ESA consultation initiated: October 15, 2015

11.2.7 Date Section 7 ESA consultation completed: November 30, 2015 for the Indiana bat & Northern long-eared bat. October 27, 2015 for the Snuffbox Mussel.

11.2.8 Additional information: Based upon the Myotid Bat Conservation Plan submitted by GAI Consultants, Inc. on behalf of EQT Gathering. EQT construction designed at each stream crossing would be constructed using methods to the avoidance, minimization, and conservation measures to aquatic resources, sensitive species and forested clearing. EQT is demonstrating avoidance and minimization of potential marginal summer habitat by using existing access roads and locating the proposed pipeline within the footprint of previously disturbed and cleared areas.

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11.2.9 Based on a review of the above information, the Corps has determined that it has fulfilled its responsibilities under Section 7 (a)(2) of the ESA.

11.3 Magnuson-Stevens Fishery Conservation and Management Act, EFH:

11.3.1 Is EFH present in the project area? Not applicable

11.4 Section 106 of the NHPA:

11.4.1 NHPA scope: *The NHPA scope is defined as "permit area." The permit area for an undertaking is defined in 33 CFR 325, Appendix C, and includes those areas comprising waters of the United States that will directly affected by the proposed work or structures and uplands directly affected as a result of authorizing the work or structures. The following three (3) tests must all be satisfied for an activity undertaken outside of waters of the United States to be included within the "permit area." Check the box, if the specific test is met for this project.*

(1) The activity outside of waters of the United States would not occur but for the authorization of the work or structures within waters of the United States.

Explanation: The proposed discharge of dredged and/or fill material into the waters of the U.S., described in Tables 1 below, is not essential to the construction of the utility line project. The aquatic resources could be avoided through bridging over or boring under the resource. The work outside waters of the U.S. could occur but for the work within waters of the U.S. This test is not met for the proposed project.

(2) The activity outside waters of the United States is integrally related to the proposed work or structures to be authorized within waters of the United States. Or, conversely, the work or structures to be authorized within waters of the United States must be essential to the completeness of the overall project or program.

Explanation: As noted above, the proposed discharge of dredged and/or fill material is not essential for the construction of the proposed utility line project. This test is not met for the proposed project.

(3) The activity outside waters of the United States is directly associated (first order impact) with the proposed work or structures within waters of the United States.

Explanation: The work in uplands for the utility line construction is directly associated with the proposed work within waters of the U.S. While the work in uplands is directly associated with the work within waters of the U.S., it is reasonable that the work could occur without the proposed discharge (i.e. if streams and wetlands were bridged or bored under).

Permit area determination:

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Permit area includes only those areas comprising waters of the United States that will be directly affected by the proposed work or structures and activities outside of waters of the U.S. are not included because all three tests above are not met.

The work outside waters of the U.S. could occur without the work within waters of the U.S. The activity outside of waters of the U.S. at each single and complete project is not integrally related to the proposed discharges of dredged/fill material into waters of the U.S.

The proposed discharges of dredged and/or fill material are not essential for the installation of the natural gas line. There are multiple single and distant permit areas as described above. Each permit area for each single and complete project consists of the area of direct impacts, as a result of the discharge of dredged and/or fill material into waters of the U.S., and the immediate adjacent uplands directly affected by authorizing the regulated activity.

Provide final description of permit area:

Permit area includes those areas comprising waters of the United States that will be directly affected by the proposed work or structures, as well as activities outside of waters of the U.S. because all three tests above are met.

Provide final description of permit area:

11.4.2 Known site(s) present: No

11.4.3 Survey required/conducted: Yes

11.4.4 Effect determination:

No potential to cause effects. See attached letter dated December 1, 2015

No effect,

No adverse effect,

Adverse effect,

11.4.5 Rationale for effect determination(s): The West Virginia Division of Culture and History (SHPO) has been consulted and it has been determined that there are no architectural resources currently listed on the register that are within or adjacent to the project construction boundary. Based upon the Phase I survey, the SHPO evaluation, the Corps determination is the project has no potential to cause or adversely affect historic properties and no further investigation is warranted.

11.4.6 Date consultation initiated: August 28, 2015

11.4.7 Date consultation complete: December 1, 2015

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- 11.4.8 Additional information: The West Virginia Division of Culture and History (SHPO) requested in a letter to GAI Consultants, dated October 28, 2015, that a Phase I archaeological survey be completed along McElroy Creek, Riggins Run, and Ralphs Run due to it is moderately likely to contain archaeological resources.

The Phase I archaeological survey was conducted for the Pipeline Project. According to the report, systematic surveys, pedestrian reconnaissance and shovel probe excavations were conducted within the project's Area of Potential Effect (APE), no cultural materials were recovered and no archaeological sites were identified.

In a letter to the GAI Consultants dated December 1, 2015, the (SHPO) stated "As a result, we concur that no further archaeological investigation are necessary within the APE. However, if archaeological materials are encountered while the pipeline is being constructed, all activities must cease in the area of discovery and this office must be contacted immediately". Based upon the Phase I survey, the SHPO evaluation, the Corps determination is the discharge of fill material into waters of the U.S at each single and complete permit area would have no potential to cause or adversely affect archaeological or architectural properties and no further investigation is warranted.

- 11.4.9 Based on a review of the above information, the Corps has determined that it has fulfilled its responsibilities under Section 106 of the NHPA.

11.5 Section 401 of the Clean Water Act - Water Quality Certification (WQC):

- 11.5.1 Is a Section 401 WQC required? No; The West Virginia Department of Environmental Protection (WVDEP) has issued 401 Water Quality Certification (WQC) for the NHPs, with general and specific conditions. The proposed project meets all applicable special limitations and conditions and thus an individual 401 WQC is not required.

11.6 Coastal Zone Management Act (CZMA):

- 11.6.1 Is a CZMA consistency concurrence required? No

11.7 Wild and Scenic Rivers Act:

- 11.7.1 Is the project located in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system? No

11.8 Tribal trust responsibilities:

- 11.8.1 Was government-to-government consultation required to take into consideration tribal rights (including, but not limited to, reserved water rights and treaty fishing and hunting rights) or trust resources? No

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12.0 Compensatory mitigation determination:

12.1 Is compensatory mitigation required for unavoidable impacts to jurisdictional aquatic resources to reduce the individual and cumulative adverse environmental effects to a minimal level?

No Appropriate best management practices would be implemented during the construction activities to decrease erosion and sedimentation during and after construction of the project. All sediment controls would remain in place during construction activities and until the construction area has been adequately stabilized. All disturbed areas would be seeded and/or re-vegetated with native species and approved seed mixes (where practicable) after completion of construction activities for stabilization and to help preclude the establishment of non-native invasive species. The applicant has avoided and minimized impacts to the maximum extent practicable. Temporary perimeter controls for the proposed project would include appropriately sized compost filter socks of various diameters. All disturbed areas would be seeded and/or re-vegetated with native species and approved seed mixes (where practicable) after completion of construction activities for stabilization and to help preclude the establishment of non-native invasive species. If the seed fails to germinate adequately to produce vegetated cover with at least 70% density within 30 days, those areas shall be reseeded.

Yes

13.0 Special conditions required?

No It has been determined that the proposed project meets the terms and conditions of the NWP including regional conditions, the effects are minimal, and the projects will not be contrary to the public interest absent any special conditions.

Yes

Special Condition 1: Should new information regarding the scope and/or impacts of the project become available that was not submitted to this office during our review of the proposal, the permittee shall submit written information concerning proposed modification(s) to this office for review and evaluation, as soon as practicable.

Rationale: This condition would be incorporated into the NWP verification for this proposal to ensure the permittee understands that any modifications to the project could involve a new permit or modification or require Section 106 or Section 7 consultation.

Special Condition 2: Section 7 obligations under Endangered Species Act must be reconsidered if new information reveals impacts of the project that may affect federally listed species or critical habitat in a manner not previously considered, the proposed project is subsequently modified to include activities which were not considered during Section 7 consultation with the

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U.S. Fish and Wildlife Service, or new species are listed or critical habitat designated that might be affected by the subject project.

Rationale: The above condition would be incorporated into the NWP verification for this proposal to minimize effects on federally listed species or critical habitat in a manner not previously mentioned.

Special Condition 3: The permittee shall perform all work authorized by this permit in accordance with the Myotis Bat Conservation Plan dated October 29, 2015, and all measures must be implemented as proposed.

Rationale: The above condition would be incorporated into the NWP verification for this proposal to minimize effects on federally listed bats species as determined by the USFWS for this proposed project.

14.0 Determination

- 14.1 A. The activity will result in no more than minimal individual and cumulative adverse effects on the aquatic environment and other relevant factors of the public interest.
- B. The activity, with the required mitigation, will result in no more than minimal individual and cumulative adverse effects on the aquatic environment and other relevant factors of the public interest, provided the permittee complies with the special conditions identified above.
- 14.2 This project as proposed will comply with all terms and conditions of NWP 12, including any applicable regional conditions.

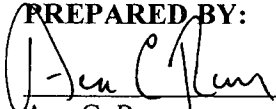
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- 14.3 The effects of the proposed work on the aquatic environment including the proposed compensatory mitigation would be more than minimal and/or effects to other relevant factors of the public interest would be more than minimal; the proposed activity cannot be authorized by a general permit. The Corps will provide instructions to the applicant on how to seek authorization under an individual permit. D.

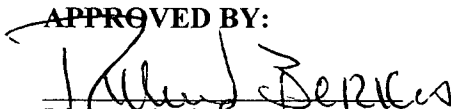
PREPARED BY:



Aca C. Ramey
Regulatory Specialist
Energy Resource Branch

Date: 12-16-2015

APPROVED BY:



Richard Berkes
Regulatory Project Manager
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Date: 12-18-2015

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Table 1 – Authorized discharge of dredged and/or fill material into waters of the U.S. associated with the construction of the EQT Gathering, LLC-MOPA-S009 Pipeline Project

Description	Latitude	Longitude	Flow Reg.	Impact Length (ft)	Impact Area (ac)	Crossing Type	Temporary/ Permanent Impact
swv-dfw-001	39.409788	-80.662871	Per	58	0.033	Pipeline	Temporary
swv-dfw-010a	39.402728	-80.669616	Per	113	1.142	Pipeline/access road 2A	Temporary
swv-cac-003	39.371679	-80.717414	Inter	55	0.006	Pipeline	Temporary
swv-cac-005	39.380947	-80.700912	Per	101	0.014	Access road 9A (Low water Crossing) & Pipeline	Temporary & Permanent Impacts
swv-cac-006	39.381939	-80.69592	Per	113	0.013	Pipeline/Access road 8 Culvert	Temporary
swv-cac-007	39.386207	-80.692371	Eph	83	0.005	Pipeline	Temporary
swv-cac-008	39.393467	-80.684987	Per	50	0.014	Pipeline	Temporary
swv-cac-009	39.393355	-80.684007	Int	52	0.005	Pipeline	Temporary
swv-cac-014	39.379784	-80.700931	Int	47	0.003	Access road 9A Culvert	Permanent
www-cac-001	39.393153	-80.683995	Pem	120	0.140	Pipeline/access Road 4A	Temporary
www-cac-004	39.381637	-80.694261	Pem	26	0.008	Access road 6	Permanent impacts associated with road upgrades & maintenance
Wwv-cac-005	39.380145	-80.700802	Pem	93	0.020	Access road 9A	Permanent

Start of Project

RT 23 @ Broad Run (To the north)

+ 0 Big Flint @ Riggins Run
(to the South)

(Ralphs Run - Middle)

39.410400; 80.663183 North

39.392887; -80.688098 Middle

39.371326; -80.718867 South

5.1 miles of
12 inch Pipeline

(Reference Permit)
15-400