

Commercial/Industrial Floodplain Development Permit

Doddridge County, WV Floodplain Management

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

Permit: #14-179A

Date Approved: 07/01/2014 Expires: N/A

Issued to: Dominion Transmission Inc. POC: Jeffrey Louk 304-269-3517

Company Address:

Project Address:

Firm: N/A

Purpose of development: Pipeline. Project does not impact floodplain.

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

Date:07/01/2014

#14-179A

gai consultants

2814 MAR 21 AM 11: 14

March 20, 2014 Project C131790.00 BETH A. ROGERS COUNTY CLERK DODDRIDGE COUNTY, WV

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

Floodplain Development Permit Application Dominion Transmission, Inc. H-49 Pipeline Replacement Doddridge County, West Virginia

Dear Mr. Sandora:

GAI Consultants, Inc. (GAI), on behalf of Dominion Transmission, Inc. (Dominion), is pleased to submit this cover letter with the enclosed Doddridge County Floodplain Development Permit Application for the proposed H-49 Pipeline Replacement Project (Project) located in Doddridge County, West Virginia.

The Project includes the installation of approximately 160 linear feet (LF) of 8-inch diameter plastic natural gas pipeline within a 25-foot right-of-way. Flood Insurance Rate Map information (FIRM Panel 54017C0105C) obtained from the Federal Emergency Management Agency (FEMA) shows that the project area is located outside of FEMA Flood Zones subject to a one percent annual chance flood event (100-year flood or Base Flood).

Construction activities will include the installation of the underground pipeline using open ditch techniques, waterbars for surface water control, trench plugs for open trench water control, and trench breakers for subsurface water control following pipeline installation. Following installation of the pipeline, 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. No access road construction is proposed as all access roads are existing.

The proposed pipeline construction will include crossing of an Unnamed Tributary of Middle Island Creek. This stream is an intermittent stream with a bank to bank width at the crossing location of approximately 2.5 feet. If flow is present at the time of construction, the pump around or flume pipe methods will be used to divert water around construction activities. The stream will be restored to pre-construction stream channel dimensions, and the banks will be stabilized prior to removal of the water diversion measures. If flow is not present at the time of construction, the crossing will be constructed and the stream restored within 24 hours.

A Project Location map, Flood Hazard map, and Floodplain Project map for this project have been included with the enclosed permit application. The Flood Hazard and Floodplain Project maps show the approximate location of the flood plain relative to the Project area.

If you have any questions or need additional information, please contact me at 304-926-8100 or at m.tanner@gaiconsultants.com.

Sincerely,

GAI Consultants, Inc.

Matthew Tanner, P.E. Senior Project Engineer

Charles Straley, P.E. Engineering Manager

MTT:CFS/Imt

Enc.: Doddridge County Floodplain Development Permit Application, Figure 1 – Project Location Map,

Figure 2 – Flood Hazard Map, Figure 3 – Floodplain Project Map, FEMA FIRMette

cc: Jeffrey J. Louk, Dominion Transmission, Inc.

Randal Rogers, GAI Consultants, Inc.

#14-179 A Dominion Transmission H-49 P/L Replacement

DODDRIDGE COUNTY FLOODPLAIN DEVELOPMENT PERMIT APPLICATION

SECTION 1: GENERAL PROVISIONS (APPLICANT TO READ AND SIGN)

- 1. No work may start until a permit is issued.
- 2. The permit may be revoked if any false statements are made herein.
- 3. If revoked, all work must cease until permit is re-issued.
- 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	Brin C. Sygn	
DATE	03/17/14	

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

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

APPLICANT'S NAME: Dominion Transmission, Inc. c/o

Jeffrey J. Louk, Manager - G&P

ADDRESS: 1333 Valley Chapel Road, Weston, WV 26452

TELEPHONE NUMBER: (304) 269-3517

CONTRACTOR NAME: Dominion Transmission, Inc.

ADDRESS: 1333 Valley Chapel Road, Weston, WV 26452

TELEPHONE #: (304) 269-3517

WV CONTRACTOR LICENCE #: Not Applicable

ENGINEER'S NAME: GAI Consultants, Inc.

ADDRESS: 300 Summers St., Suite 1100, Charleston, WV 25301

TELEPHONE NUMBER: (304) 926-8100

PROJECT LOCATION:

NAME OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT):

Parcels: 13 and 15.1 - Richard J. and S. Jean Kruse;

Parcel: 15 - Jonathan E. and Laura M. Troyer

ADDRESS OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT):

Parcels 13 and 15.1 - HC 69 Box 41A, West Union, WV 26456;

Parcel 15 - 471 S Swinehart Road, Apple Creek, OH 44606

DISTRICT: West Union

LAND BOOK DESCRIPTION:

Parcel: 3-13 - 2 TRS M I Creek, 10.14 AC;

Parcel: 3-15 - M I Creek, 32.31 AC:

Parcel: 3-15.1 - M I Creek, 0.56 AC.

DEED BOOK REFERENCE:

Parcel: 3-13 - Book 225, Page 655;

Parcel: 3-15 - Book 292, Page 652;

Parcel: 3-15.1 - Book 235, Page 236

TAX MAP REFERENCE: Tax Map 3

EXISTING BUILDINGS/USES OF PROPERTY: Property forested, Cleared in ROW. Residence and

buildings located on Parcel 13.

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

PROPERTY: Parcel 13: Richard J. and S. Jean Kruse. No residences on other parcels.

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

SUBJECT PROPERTY: Parcel 13: HC 69 Box 41A, West Union, WV 26456

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

DESCRIPTION OF WORK (CHECK ALL APPLICABLE BOXES)

A. STRUCTURAL DEVELOPMENT

	AC	TIVITY				STRUCTUR	AL TYPE
[]	New Struct	ure			[]	Residential (1 – 4 Family)
[]	Addition				[]	Residential (more than 4 Family)
[]	Alteration				[]	Non-resident	tial (floodproofing)
[]	Relocation				[]	Combined Us	se (res. & com.)
[]	Demolition	l			[]	Replacement	t
[]	Manufactu	ıred/Mo	bil Home				
В.	OTHER DE	VELOPI	MENT ACT	IVITIES:			
[]	Fill	[]	Mining	()	Drilling	g [X]	Pipelining
[]	Grading						
[X]	Excavation (except for STRUCTURAL DEVELOPMENT checked above)						
[]	Watercour	se Altera	tion (includin	g dredgir	ng and cha	annel modifica	ation)
[]	Drainage Ir	nprovem	nents (includir	ng culvert	t work)		
[]	Road, Stree	et, or Bri	dge Construct	ion			
[]	Subdivision	(includi	ng new expan	nsion)			
[]	Individual \	Nater or	Sewer System	n			
[]	Other (plea	se speci	fy)				
						· ·	W. P. C.
C.	STANDAR	D SITE	PLAN OR SI	KETCH			

- 1. SUBMIT ALL STANDARD SITE PLANS, IF ANY HAVE BEEN PREPARED (ENGINEERING PLANS MUST BE SIGNED AND SEALED).
- 2. IF STANDARD SITE PLANS HAVE NOT BEEN PREPARED:

SKETCH ON A SEPARATE 8 ½ X 11 INCH SHEET OF PAPER THE SHAPE AND LOCATION OF THE LOT. SHOW THE LOCATION OF THE INTENDED CONSTRUCTION OR LAND USE INDICATING BUILDING SETBACKS, SIZE & HEIGHT. IDENTIFY EXISTING BUILDINGS, STRUCTURES OR LAND USES ON THE PROPERTY.

3. SIGN AND DATE THE SKETCH.

ACTUAL TOTAL CONSTRUCTION COSTS OF THE COMPLETE DEVELOPMENT	^/
PROPOSED CONSTRUCTION PROJECT WITHIN THE FLOODPLAIN	

\$_	0 (Not located within	floodplain)	

D. ADJACENT AND/OR AFFECTED LANDOWNERS:

1. NAME AND ADDRESS OF ALL OWNERS OF SURFACE TRACTS ADJACENT TO THE AREA OF THE SURFACE TRACT (UP & DOWN STREAM) UPON WHICH THE PROPOSED ACTIVITY WILL OCCUR AND ALL OTHER SURFACE OWNERS UP & DOWN STREAM) WHO OWN PROPERTY THAT MAY BE AFFECTED BY FLOODING AS IS DEMONSTRATED BY A FLOODPLAIN STUDY OR SURVEY (IF ONE HAS BEEN COMPLETED.

ADDRESS:	
NAME:	
ADDRESS:	
OULT RESIDING IN EACH RESIDENCE Y AT THE TIME THE FLOODPLAIN PERMIT D ADDRESS OF AT LEAST ONE ADULT TY THAT MAY BE AFFECTED BY FLOODING AS DOY OR SURVEY. NAME: ADDRESS:	

E. CONFIRMATION FORM

THE APPLICANT ACKNOWLEDGES, AGREES, AND CONFIRMS THAT HE/IT WILL PAY WITHIN 30 DAYS OF RECEIPT OF INVOICE BY THE COUNTY FOR ALL EXPENSES RELATIVE TO THE PERMIT APPLICATION PROCESS GREATER THAN THE REQUIRED DEPOSIT FOR EXPENSES INCLUDING:

- (A) PERSONAL SERVICE OF PROCESS BY THE DODDRIDGE COUNTY SHERIFF AT THE RATES PERMITTED BY LAW FOR SUCH SERVICE.
- (B) SERVICE BY CERTIFIED MAIL RETURN RECEIPT REQUESTED.
- (C) PUBLICATION.
- (D) COURT REPORTING SERVICES AT ANY HEARINGS REQUESTED BY THE APPLICANT.

	GRANTING OR DENYING THE APPLICANT'S FLOODPLAIN PERMIT.
NAME	(PRINT):
SIGNA	TURE:DATE:
	completing SECTION 2, APPLICANT should submit form and fees to Clerk of Doddridge y Court or his/her representative for review.
SECTI	ON 3: FLOODPLAIN DETERMINATION (to be completed by Floodplain
<u>Admi</u>	nistrator/Manager or his/her representative)
THE PI	PROPOSED DEVELOPMENT: ROPOSED DEVELOPMENT IS LOCATED ON:
FIRM	Panel: <u>105 C</u> :
Dated	:
	Is NOT located in a Specific Flood Hazard Area (Notify applicant that the application is complete and NO FLOOPLAIN DEVELOPMENT PERMIT IS REQUIRED).
П	Is located in Special Flood Hazard Area.
	FIRM zone designation
	100-Year flood elevation isNGVD .
	Stream name
	Profile #
[]	Unavailable
[]	The proposed development is located in a floodway.
[]	See section 4 for additional instructions.
	SIGNED Rated Sandy DATE 3 3/14

CONSULTANTS AND/OR HEARING EXPERTS UTILIZED BY DODDRIDGE COUNTY FLOODPLAIN ADMINISTRATOR/MANAGER OR FLOODPLAIN APPEALS BOARD FOR

REVIEW OF MATERIALS AND/OR TESTIMONY REGARDING THE EFFICACY OF

(E)

Mr. Ralph Sandora March 20, 2014 Project C131790.00

ATTACHMENT 1

DODDRIDGE COUNTY FLOODPLAIN DEVELOPMENT PERMIT APPLICATION



SECTION 4: ADDITIONAL INFORMATION REQUIRED FOR DEVELOPMENT IN SPECIAL FLOOD HAZARD AREA (To be completed by Floodplain Administrator/Manager or his/her representative)

The applicant must submit the documents checked below before the application can be processed.

[]	A plan showing the location of all existing structures, water bodies, adjacent roads and proposed development.
[]	Development plans, drawn to scale, and specifications, including where applicable: details for anchoring structures, storage tanks, proposed elevation of lowest floor, (including basement or crawl space), types of water resistant materials used below the first floor, details of flood proofing of utilities located below the first floor and details of enclosures below the first floor. Also
[]	Subdivision or other development plans (If the subdivision or development exceeds 10 lots or 2 acres, whichever is the lesser, the applicant must provide 100-year flood elevations if they are not otherwise available).
[]	Plans showing the extent of watercourse relocation and/or landform alterations.
[]	Top of new fill elevationFt. NGVD. For floodproofing structures applicant must attach certification from registered engineer or architect.
[]	Certification from a registered engineer that the proposed activity in a regulatory floodway will not result in any increase in the height of the 100-year flood. A copy of all data and calculations supporting this finding must also be submitted.
[]	Manufactured homes located in a Flood Hazard Area must have a West Virginia Contractor's License and a Manufactured Home Installation License as required by the Federal Emergency Management Agency (FEMA).
[]	Other:

SECTION 5: PERMIT DETERMINATION (To be completed by Floodplain Administrator/Manager or his/her representative)

I have determined that the proposed activity (type is or is not) in conformance with provisions of the Floodplain Ordinance adopted by the County Commission of Doddridge County on May 21, 2013. The permit is issued subject to the conditions attached to and

made pa	rt of this permit.		
SIGNED			_DATE
with the		ridge County Floodplain O	bove was not in conformance rdinance and/or denied that
APPEAL		County Commission of Do	ddridge County? [] Yes {} No
		on Decision - Approved	
CONDITI	ONS:	-	
			18/41
	S-BUILT ELEVATION Compliance is issued	S (To be submitted by d).	APPLICANT before
_	registered professional	rided for project structure engineer or a licensed lan	
COMPLETE 1 OR	2 BELOW:		
	s-Built) Elevation of the		ncluding basement or crawl
		odproofing is	
Note: Any work applicant.	performed prior to sul	bmittal of the above info	rmation is at risk of the

SECTION 7: COMPLIANCE ACTION (To be completed by the Floodplain Administrator/Manager or his/her representative).

The Floodplain Administrator/Manager or his/her representative will complete this section as applicable based on inspection of the project to ensure compliance with the Doddridge County Floodplain Ordinance.

INSPECTIONS:	
DATE:	BY:
DEFICIENCIES ? Y/N	
COMMENTS	
SECTION 8: CERTIFICATE OF COMPLIA	ANCE (To be completed by Floodplain
Administrator/Manager or his/her re	epresentative).
Certificate of Compliance issued: DATE:	RV·

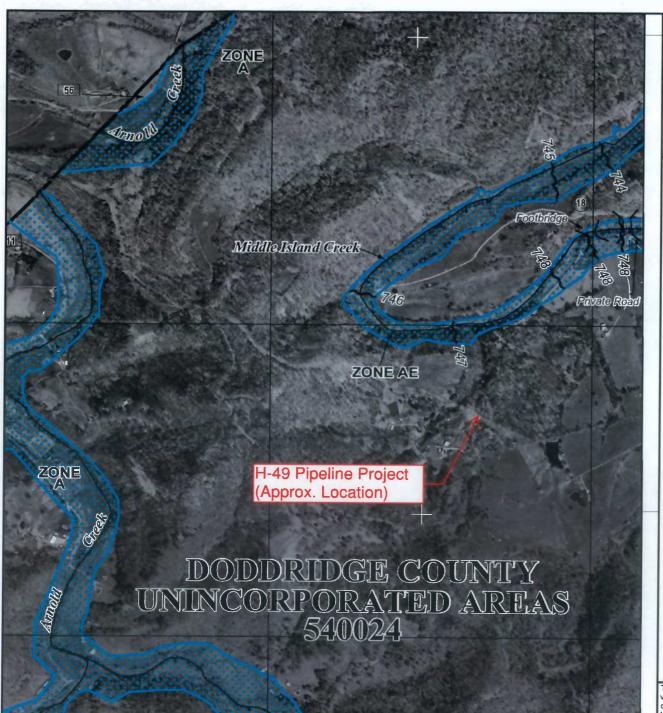
CERTIFICATE OF COMPLIANCE FOR DEVELOPMENT IN SPECIAL FLOOD HAZARD AREA (OWNER MUST RETAIN)

PERM	IIT NUMBER:
PERM	IIT DATE:
PURPOSE –	
CONSTRUCTION LOCATION:	
OWNER'S ADDRESS:	
THE FOLLOWING MUST BE CO	MPLETED BY THE FLOODPLAIN
ADMINISTRATOR/MANAGER (OR HIS/HER AGENT.
COMPLIANCE IS HEREBY	CERTIFIED WITH THE REQUIREMENT OF THE
FLOODPLAIN ORDINANCE ADO	OPTED BY THE COUNTY COMMISSION OF
DODDRIDGE COUNTY ON MAY	⁷ 21, 2013.
SIGNED	DATE

Mr. Raiph Sandora March 20, 2014 Project C131790.00

FIGURES AND FIRMETTE







MAP SCALE 1" = 1000'

500 0 1000 2000 FEET

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PANEL 0105C

FIRM

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

PANEL 105 OF 325

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY DODDRIDGE COUNTY NUMBER

PANEL SUFFIX 0105 C

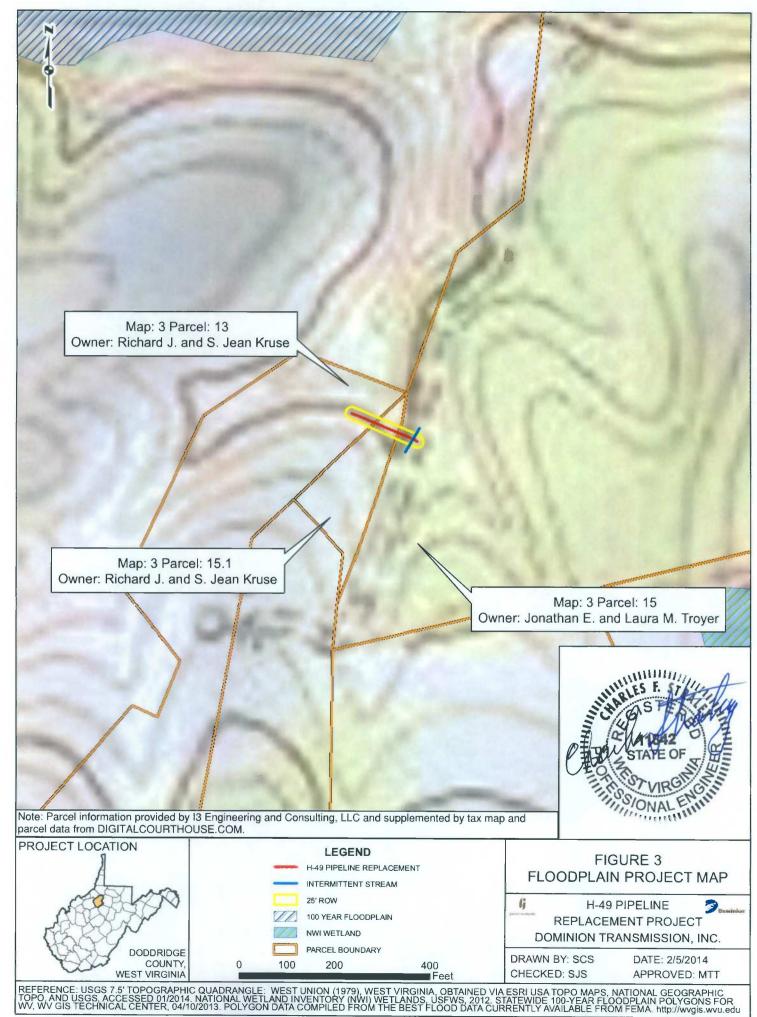
Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

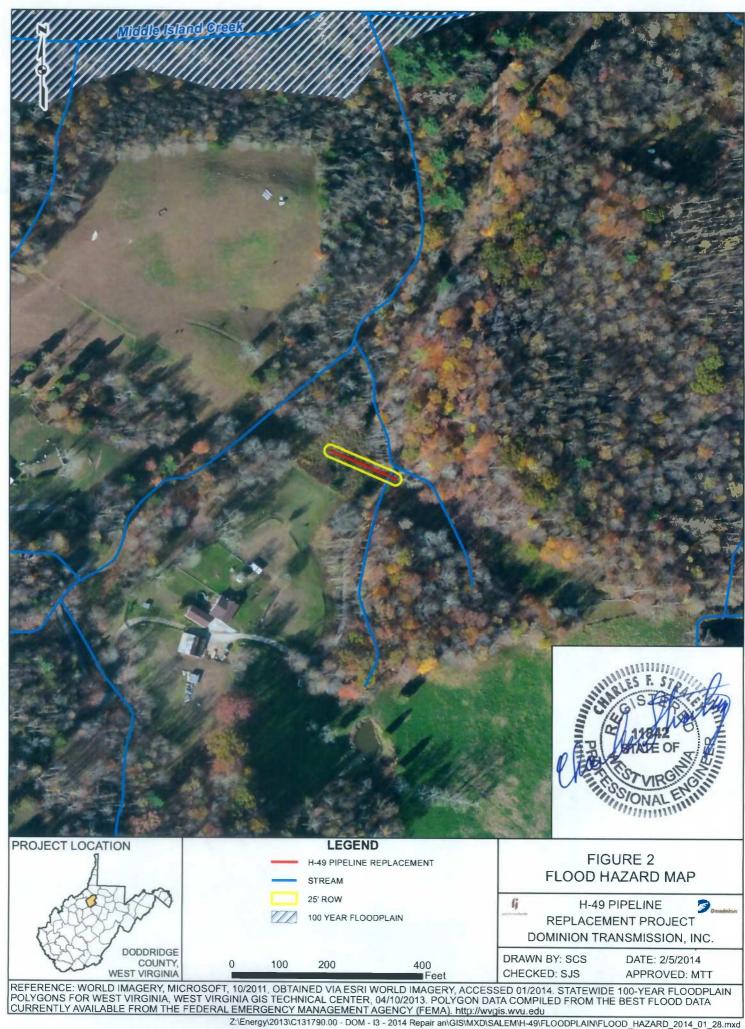


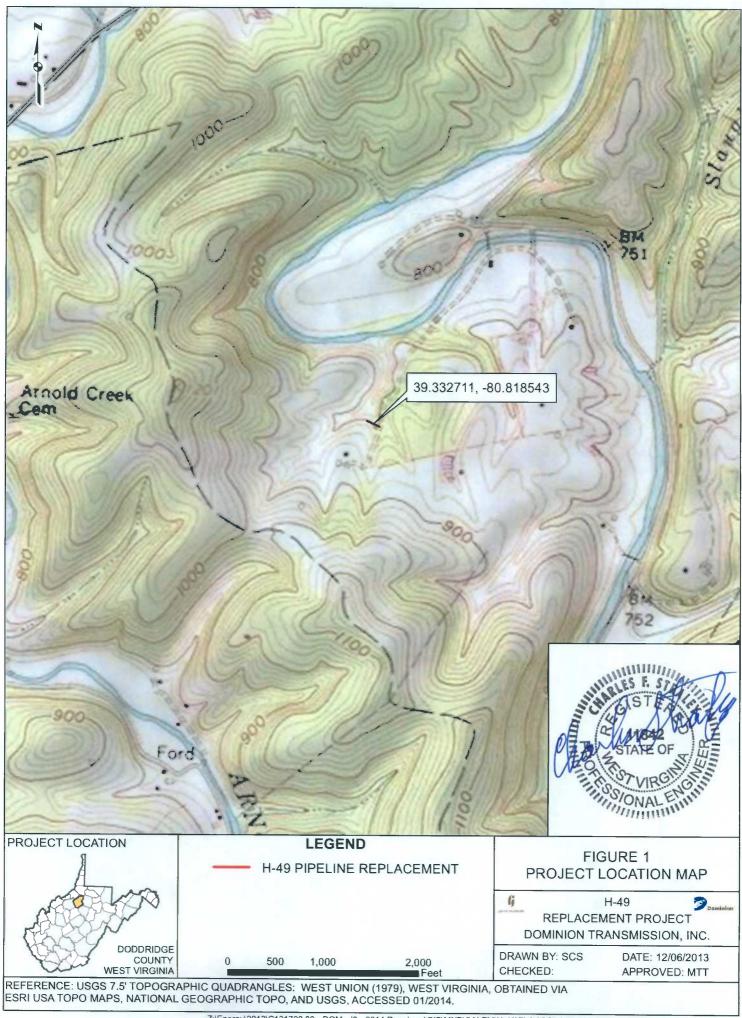
MAP NUMBER 54017C0105C MAP REVISED OCTOBER 4, 2011

Federal Emergency Management Agency

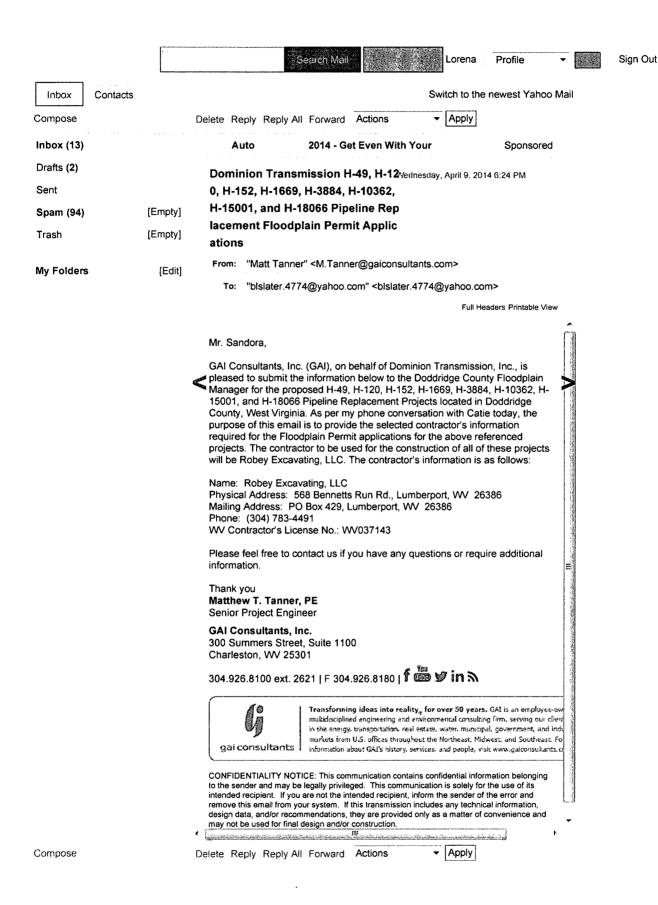
This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program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







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