



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: #19-542

Date Approved: March 11, 2019

Expires: March 11, 2020

Issued to: Columbia Gas Transmission

POC: Anthony Capp

Company Address: 455 Racetrack Road Waynesburg, PA 15301

Project Address: Sherwood Compressor Station Rt. 18S

Firm: 54017C0140C

Lat/Long: 39.268403N, -80.731339W

Purpose of Development: Renewal of FP Permit #17-499

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

Date: March 11, 2019

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

FLOODPLAIN PERMIT #19-542

Columbia Gas Sherwood Compressor Station / Renewal of FP#17-499 / 39.268403N,-80.731339W

TASK	COMPLETE (DATE)	NOTES
<i>CHECK RECEIVED</i>	1/30/2019	
<i>US ARMY CORP. ENGINEERS (USACE)</i>		
<i>US FISH & WILDLIFE SERVICES (USFWS)</i>		
<i>WV DEPT. NATURAL RESOURCES (WVDNR)</i>		
<i>WV DEPT. ENVIROMENTAL PROTECTION (WVDEP)</i>		
<i>STATE HISTORIC & PRESERVATION OFFICE (SHPO)</i>		
<i>OFFICE of LAND & STREAM (OLS)</i>		
<i>DATE OF COMMISSION READING</i>		
<i>DATE AVAILABLE TO BE GRANTED</i>	3/11/2019	
<i>PERMIT GRANTED</i>		
<i>COMPLETE</i>		



Doddridge County Floodplain Permits

(Week of February 4, 2019)

Please take notice that on the (30th) of (January), 2019, (Columbia Gas) filed an application for a Floodplain Permit (#19-542) to develop land located at or about (2731 WV Route 18 South); Coordinates: 39.268403N, -80.731339W. The Application is on file with the Floodplain Manager of the County and may be inspected or copied during regular business hours in accordance to WV Code Chapter 29B Freedom of Information, Article 1 Public Records and county policy and procedures. Any interested persons who desire to comment shall present the same in writing by (March 11, 2019) (20 calendar days after the announcement at the regularly scheduled Doddridge County Commission Meeting) delivered to the Floodplain Manager of the County at 105 Court Street, Suite #3, West Union, WV 26456. This project is a renewal of FP#17-499 Sherwood Compressor Station for completion of work.


GEORGE C. EDELL, CFM

Doddridge County Floodplain Manager



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 #: 17-499 (90 Day Extension)

ate Approved: January 18, 2019

Expires: April 18, 2019

Issued to: Columbia Gas Transmissions

POC: Karen Gleeson

Company Address: 5000 Waterdam Plaza Drive, Suite 120, McMurray, PA 15317

Project Address: Sherwood Compressor Station Route 18 S.

Firm: 54017C0140C

Lat/Long: 39.268403N/-80.731339W

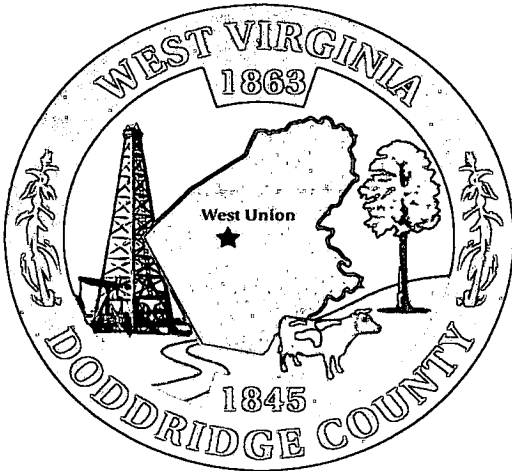
Purpose of development: ~~Mountaineer Express Pipeline~~

Compressor Station

Issued by: George C. Eidel, Doddridge County FPM (or designee)

Date: 1/18/2019

For additional information regarding this permit, please contact
Doddridge County Floodplain Manager at 304.873.1343, or via email at
doddridgecountyfpm@gmail.com
105 Court Street Suite 3; West Union, WV 26456



Permit# 19-542
Project Name: Sherwood Compressor Station
Permittees Name: Columbia Gas

Doddridge County, WV

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 1/30/2019

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

Applicant Information:

Please provide all pertinent data.

Applicant Information		
Responsible Company Name: Columbia Gas Transmission, LLC		
Corporate Mailing Address: 700 Louisiana Street		
City: Houston	State: TX	Zip: 77002
Corporate Point of Contact (POC): Matt Franklin, PE, PMP		
Corporate POC Title:		
Corporate POC Primary Phone: 859.554.7439 x 104		
Corporate POC Primary Email: matthew.franklin@transcanada.com		
Corporate FEIN: 13-1594808	Corporate DUNS: 13-932-5963	
Corporate Website: https://www.transcanada.com/		
Local Mailing Address: 482 South Keller Road		
City: Orlando	State: FL	Zip: 32810
Local Project Manager (PM): Scott Wesson		
Local PM Primary Phone: 407-806-4106		
Local PM Secondary Phone: 407-616-8852		
Local PM Primary Email: Scott.Wesson@atkinsglobal.com		
Person Filing Application: Brian Stouffer, Stahl Sheaffer Engineering		
Applicant Title: Project Coordinator		
Applicant Primary Phone: 814-689-1562		
Applicant Secondary Phone: 856-981-8999		
Applicant Primary Email: bstouffer@@sse-llc.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 proposed site for the Sherwood Compressor Station is located approximately 2,000 feet to the northwest of the intersection of Route 18 and Snowbird Road near West Union
The general site latitude and longitude is as follows: 39.269360°, -80.731680
The ground surface terrain slopes uphill from all sides towards a crowned hill throughout the area of planned development. Surface elevations in the footprint of the Compressor Station range from +/- 890' MSL (at Roadway Station 7+00) to +/- 840' MSL (west of the Compressor Buildings)
To the south of the site, Meathouse Fork (a tributary of Middle Island Creek) flows west to East and wraps around the site to the north.
The published base flood elevations in Meathouse Fork range from 802 along the southern Boundary to 801 to the north. All of the proposed of the proposed improvements on the site range in elevation from 886 down to 851 in the sediment basin bottom, the toe of one fill slope is at elevation 805, therefore the proposed improvements should have no encroachment into the floodplain or floodway. The mapping on panel 54017C0140C is not consistent with the surveyed topography surrounding the site and appears to have a discontinuity just downstream of a cross section. This delineation of the mapped AE zone extends up the side of the slope to an elevation of greater than 885 and overlaps with a portion of the site proposed grading.
This application is for the renewal of the existing permit 17-499.

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

B. OTHER DEVELOPMENT ACTIVITIES:

- Fill Mining Drilling Pipelining
- Grading
- Excavation (except for STRUCTURAL DEVELOPMENT checked above)
- Watercourse 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)

_____ The proposed site is a Natural Gas Compressor Station associated with the _____
_____ Mountaineer Xpress pipeline project. _____

**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 1

Site/Property Information		
Legal Description:		
Physical Address/911 Address: located approximately 2,000 feet to the northwest of the intersection of Route 18 and Snowbird Road near West Union		
Decimal Latitude/Longitude: 39.269360°/-80.731680°		
DMS Latitude/Longitude:		
District: New Milton District	Map: 1	Parcel: 6-1-6
Land Book Description:		
Deed Book Reference: Book 372 Page 121		
Tax Map Reference: Map 1 Parcel 6		
Existing Buildings/Use of Property: None/Undeveloped open field		

Floodplain Location Data: (to be completed by Floodplain Manager or designee)			
Community: West Union	Number:	Panel: 54017C0140C	Suffix:
Location (Lat/Long): 39.269320/-80.731338		Approximate Elevation:	
		Estimated BFE: 802 to 801	
Is the development in the floodway?		Is the development in the floodplain?	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> X No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> X 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: ____ of ____

Property Owner Data:		
Name of Primary Owner (PO): Columbia Gas Transmission, LLC		
PO Address: 700 Louisiana Street		
City: Houston	State: TX	Zip: 77002
PO Primary Phone: Main Contact: Matt Franklin - 859.554.7439 x 104		
PO Secondary Phone: Main Contact: Matt Franklin - Mobile: 859.494.1536		
PO Primary Email: matthew_franklin@transcanada.com		

Surface Rights Owner Data:		
Name of Primary Owner (PO): Same		
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): Same		
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: ____ of ____

Contractor/Sub-Contractor (C/SC) Information:		
C/SC Company Name: Bi-Con Services		
C/SC WV License Number: WV003271		
C/SC FEIN: 31-0795801	C/SC DUNS: 05-93-9660	
Local C/SC Point of Contact (POC): Kevin Hardy		
Local C/SC POC Title: Senior Project Manager		
C/SC Mailing Address: 10901 Clay Pike Road		
City: Derwent	State: Ohio	Zip-Code: 43733
Local C/SC Office Phone: 740-685-2542		
Local C/SC POC Phone: 740-630-4862		
Local C/SC POC E-Mail: khardy@bi-conservices.com		

Engineer Firm Information:		
Engineer Firm Name: Atkins North America		
Engineer WV License Number:		
Engineer Firm FEIN: 59-0896138	Engineer Firm DUNS: 0540439223	
Engineer Firm Primary Point of Contact (POC): Scott Wesson, PE		
Engineer Firm Primary POC Title: Senior Project Manager		
Engineer Firm Mailing Address: 482 South Keller Road		
City: Orlando	State: FL	Zip-Code: 32817
Engineer Firm Office Phone: 407-647-7275		
Engineer Firm Primary POC Phone: 407-806-4106		
Engineer Firm Primary POC E-Mail: Scott.Wesson@Atkinsglobal.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		
Name of Primary Owner (PO): Mark West Liberty Midstream & Resources, L.L.C. (Brian Rayburn - VP)		
Physical Address: 1515 Arapahoe Street, Tower 1, Suite 1600		
City: Denver	State: CO	Zip: 80202
PO Primary Phone: (304) 842-2020 (Dan Rowlands - Senior Engineering Manager)		
PO Secondary Phone: (304) 782-2814 x6014 (Kevin Sturgill - Senior Project Manger)		
PO Primary Email:		

Adjacent Property Owner Data: Upstream		
Name of Primary Owner (PO): William & Linda Hamilton		
Physical Address: 1648 Snowbird Road		
City: West Union	State: WV	Zip: 26456
PO Primary Phone: (304) 873-1269		
PO Secondary Phone:		
PO Primary Email:		

Adjacent Property Owner Data: Downstream		
Name of Primary Owner (PO): David E. Bowyer		
Physical Address: 12088 Middle Island Road		
City: Alma	State: WV	Zip: 26320
PO Primary Phone: (304) 758-0672		
PO Secondary Phone:		
PO Primary Email: dbowyer6928@gmail.com		

Adjacent Property Owner Data: Downstream		
Name of Primary Owner (PO): Ike Morris		
Physical Address: P.O. Box 397		
City: Glenville	State: WV	Zip: 26351
PO Primary Phone: (304) 462-5347		
PO Secondary Phone:		
PO Primary Email:		

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 or 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: 1/30/2019

Applicant Printed Name: Anthony Capp