



April 29, 2016

Mr. William Hammons
Transcontinental Gas Pipeline Co, LLC
PO Box 1396
Houston, TX 77251-1396

Re: Water Obstruction and Encroachment Permit (WOEP) Issuance
Chapman Loop, Permit # E18-495
APS ID# 877508, E18-495, AUTH ID# 1084890
Chapman Township, Clinton County

Dear Mr. Hammons:

Enclosed is your copy of your State Water Obstruction and Encroachment Permit (WOEP). Also enclosed is your Section 404 Clean Water Act Pennsylvania State Programmatic General Permit (PASPGP-4), providing Federal authorization. Please review both permits so that you are aware of the extent of authorization and the conditions that apply to that authorization. The Department will provide you with an acknowledgment letter upon receipt of the fully-signed Acknowledgment of Appraisal of Permit Conditions.

Please be advised that you do not have Federal authorization for this project and such authorization is required prior to starting your project. In accordance with procedures established with the U.S. Army Corps of Engineers, you will be contacted directly by the Corps regarding Federal authorization.

The permit is not effective until a copy of the Acknowledgment of Appraisal of Permit Conditions, signed by you, is received by the Department. Any work conducted prior to the Department's receipt of the signed Acknowledgment of Appraisal of Permit Conditions is a violation of the Dam Safety and Encroachments Act and the Clean Streams Law, and you may be subject to fines and penalties pursuant to those Acts.

Prior to the commencement of construction, the enclosed Acknowledgment of Appraisal of Permit Conditions must be completed and signed by you and an individual responsible for the supervision or conduct of the construction work acknowledging and accepting the general and special conditions contained in the permit. Unless the signed Acknowledgment of Appraisal of Permit Conditions is submitted to this office, the permit is void.

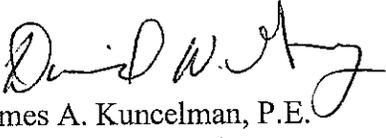
A copy of both the Permit and Acknowledgment of Appraisal of Permit Conditions must be available at the work site for inspection upon request by any officer or agent of the Department or any other Federal, State, County and Municipal agency.

The Completion Report form must be signed by you and the supervising engineer indicating that the work has been completed as approved. The Completion Report must be submitted to this office within 30 days of the completion of the approved project.

This authorization does not relieve the applicant from applying for and obtaining any additional permits or approvals from local, state or federal agencies required for this project. Please be advised that if any other permits are required for this project, they must be issued prior to undertaking the activities described in the permit application. Issuance of the enclosed permit(s) does not indicate an affirmative action on any other pending permit applications. If you are uncertain as to whether or not other permits are needed for this project, please use the Department's "Pre-Application Information Tool" which can be found at <http://www.elibrary.dep.state.pa.us/dsweb/View/Collection-11548>.

If you have additional questions, please contact Paul Dembowski at 570-327-3701.

Sincerely,

FOR 

James A. Kuncelman, P.E.
Chief, Permits Section
Waterways and Wetlands Program

cc: John Zimmer, TRC Environmental
Clinton CCD
Chapman Township
File

Enclosures: WOEP

JAK/PDD/lmh

Commonwealth of Pennsylvania
 Department of Environmental Protection
 Northcentral Regional Office
 Waterways and Wetlands Program - Permits Section

WATER OBSTRUCTION AND ENCROACHMENT PERMIT

The Department of Environmental Protection ("Department"), established by the Act of December 3, 1970, P.L. 834 (71 P.S. §§510.1 et seq.) and empowered to exercise certain powers and perform certain duties under and by virtue of the Act of November 26, 1978, P.L. 1375, as amended by the Act of October 23, 1979, P.L. 204 (32 P.S. §§693.1 et seq.) known as the "Dam Safety and Encroachments Act"; Act of October 4, 1978, P.L. 851 (32 P.S. §§679.101 et seq.) known as the "Flood Plain Management Act"; Act of June 22, 1937, P.L. 1987, (35 P.S. §§691.1 et seq.), known as "The Clean Streams Law"; and the Administrative Code, Act of April 9, 1929, P.L. 177, as amended, which empowers the Department to exercise certain powers and perform certain duties by law vested in and imposed upon the Water Supply Commission of Pennsylvania and the Water and Power Resources Board, hereby issues this permit to:

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

2800 Post Oak Blvd., Level 6

Houston, TX 77056-6147

giving its consent to: **install and maintain a 36-inch-diameter pipeline under and/or through the below listed floodways, streams and wetlands as part of the Atlantic Sunrise Project. The new 2.9 mile long pipe will be installed adjacent to an existing pipeline as a loop (Renovo East and Tamarack, PA Quadrangles N: Start 41.377066°, End 41.400937°; W: Start -77.714737°, End -77.760120°) in Chapman Township, Clinton County. This project proposes to have the following impacts:**

Floodway	Temporary Impact area (Acres)	Permanent Impact area (Acres)	Latitude	Longitude
Floodway to Gregs Run	0.0666	0.0000	41.40170	-77.76256
Floodway to Post Hollow	0.3031	0.0164	41.38005	-77.71983
Floodway to UNT to Mudlick Run	0.2009	0.0116	41.38646	-77.73393
Floodway to Young Womans Creek	0.2300	0.0000	41.35409	-77.70113
Floodway to UNT to Mudlick Run	0.2496	0.0120	41.38873	-77.73801
Total Floodway Impacts	1.0502	0.0400		

ID	Chapter 105.17 Wetland Class	Wetland Cowardin Classification	Temporary Impact area (acres)	Permanent Impact area (acres)	Latitude	Longitude
W-T30-27001	EV	PEM	0.0061	0.0001	41.38849	-77.73836
Total Wetland Impacts			0.0061	0.0001		
ID	Stream Name	Stream Class	Temporary Impact area (Acres)	Permanent Impact area (Acres)	Latitude	Longitude
WW-T30-27001	UNT Mudlick Run	EV-WT	0.0192	0.0009	41.38873	-77.73801
Perennial Stream Impacts			0.0192	0.0009		
WW-T21-27001	UNT Mudlick Run	EV-WT	0.0210	0.0016	41.38646	-77.73393
WW-T21-27002	Post Hollow	EV-WT	0.0176	0.0007	41.38005	-77.71983
Ephemeral/Intermittent Impacts			0.0386	0.0023		

This permit is issued in response to an application filed with the Department of Environmental Protection on the 10th day of August, 2015, and with the understanding that the work shall be performed in accordance with the maps, plans, profiles and specifications filed with and made a part of the application on the 11th day of January, 2016, and the 11th day of April, 2016, subject, however, to the provisions of the Dam Safety and Encroachments Act, the Flood Plain Management Act, The Clean Streams Law, the Administrative Code, the Rules & Regulations promulgated thereunder and the following conditions and restrictions. **If the work authorized by this permit is not completed on or before the 31st day of December, 2018, this permit, if not previously revoked or specifically extended by the Department in writing, shall become void without further notification.**

1. The permittee shall sign the Acknowledgement of Appraisal of Permit Conditions thereby expressly certifying the permittee's acceptance of, and agreement to comply with, the terms and conditions of this permit. The permittee shall return a signed copy of the Acknowledgement of Appraisal of Permit Conditions to the Department. Unless the Acknowledgement of Appraisal of Permit Conditions form is completed and filed with the Department, this permit is void;

2. The Department, in issuing this permit, has relied on the information and data which the permittee has provided in connection with his permit application. If, subsequent to the issuance of this permit, such information and data prove to be false, incomplete or inaccurate, this permit may be modified, suspended, or revoked, in whole or in part, and the Department may, in addition, institute appropriate legal proceedings;

3. This permit does not give any property rights, either in real estate or material, nor any exclusive privileges, nor shall it be construed to grant or confer any right, title, easement, or interest in,

to, or over any land belonging to the Commonwealth of Pennsylvania; neither does it authorize any injury to private property or invasion of private rights, nor any infringement of Federal, State, or Local laws or regulations; nor does it obviate the necessity of obtaining Federal assent when necessary;

4. The work shall at all times be subject to supervision and inspection by representatives of the Department, and no changes in the maps, plans, profiles, and specifications as approved shall be made except with the written consent of the Department. The Department, however, reserves the right to require such changes or modifications in the maps, plans, profiles, and specifications as may be considered necessary. The Department further reserves the right to suspend or revoke this permit if in its opinion the best interest of the Commonwealth will be sub served thereby;

5. This permit authorizes the construction, operation, maintenance and normal repair of the permitted structures conducted within the original specifications for the water obstruction or encroachment, and in accordance with the regulations of the Department and term and conditions of this permit. Any repairs or maintenance involving modifications of the water obstruction or encroachment from its original specifications, and any repairs or reconstruction involving a substantial portion of the structure as defined by regulations of the Department shall require the prior written approval and permit of the Department;

6. All construction debris, excavated material, brush, rocks, and refuse incidental to this work shall be removed entirely from the stream channel and placed either on shore above the influence of flood waters, or at such dumping ground as may be approved by the Department;

7. There shall be no unreasonable interference with the free discharge of the river or stream or navigation during construction;

8. If future operations by the Commonwealth of Pennsylvania require modification of the structure or work, or if, in the opinion of the Department of Environmental Protection, the structure or work shall cause unreasonable obstruction to the free passage of floodwaters or navigation, the permittee shall, upon due notice, remove or alter the structures, work or obstructions caused thereby, without expense to the Commonwealth of Pennsylvania, so as to increase the flood carrying capacity of the channel or render navigation reasonably free, easy, and unobstructed, in such manner as the Department may require. No claim shall be made against the Commonwealth of Pennsylvania on account of any such removal or alteration;

9. The permittee shall notify the Department, in writing, of the proposed time for commencement of work at least 15 days prior to the commencement of construction;

10. If construction work has not been completed within the time specified in this permit and the time limit specified in this permit has not been extended in writing by the Department or if this permit has been revoked for any reason, the permittee shall, at his own expense and in a manner that the Department may prescribe, remove all or any portion of the work as the Department requires and restore the watercourse and floodplain to their former condition;

11. The permittee shall fully inform the engineer or contractor, responsible for the supervision and conduct of the work, of the terms, conditions, restrictions and covenants of this permit. Prior to the commencement of construction, the permittee shall file with the Department in writing, on a form provided by the Department, a statement signed by the permittee and an individual responsible for the supervision or conduct of the work acknowledging and accepting the general and special conditions contained in this permit. Unless the acknowledgment and acceptance have been filed, this permit is void. A copy of this permit and the acknowledgment shall be available at the work site for inspection upon request by an officer or agent of the Department or another Federal, State, County, or municipal agency;

12. The permittee shall operate and maintain the structure or work authorized herein in a safe condition in accordance with the permit terms and conditions and the approved maps, plans, profiles, and specifications;

13. This permit may not be transferred without prior written approval from the Department, such approval being considered upon receipt of the properly executed "Application of Transfer of Permit" form;

14. If and when the permittee desires to discontinue use or abandon the activity authorized herein, he must remove all or part of the structure or work authorized and take other actions as are necessary to protect safety and the environment in accordance with a permit issued by the Department;

15. If the use of explosives in any waterways is required, the permittee shall secure the prior written permit from the Pennsylvania Fish and Boat Commission, pursuant to the Pennsylvania Fish and Boat Code, Act 1980-175 Title 30 Pennsylvania Consolidated Statutes, Section 2906. Requests should be directed to the Pennsylvania Fish and Boat Commission, Division of Environmental Services, 450 Robinson Lane, Bellefonte, PA 16823-9620, telephone 814-359-5140;

16. Permittee shall implement and monitor an Erosion and Sedimentation Control Plan prepared in accordance with Chapter 102 so as to minimize erosion and prevent excessive sedimentation into the receiving watercourse or body of water;

17. The project site shall at all times be available for inspection by authorized officers and employees of the Pennsylvania Fish and Boat Commission. Prior to commencement and upon completion of the work authorized by this permit, the permittee shall notify the Pennsylvania Fish and Boat Commission's Northcentral Regional Office, P.O. Box 5306, Pleasant Gap, PA 16823, Telephone 814-359-5250;

18. The project site shall at all times be available for inspection by authorized officers and employees of the County Conservation District. Prior to commencement and upon completion of the work authorized by this permit, the permittee shall notify the Clinton County Conservation District, 45 Cooperation Lane, Mill Hall, PA 17751-8978, telephone 570.726.3798;

19. **Work may not commence until a signed copy of the Acknowledgement of Appraisal of Permit Conditions is received by the Department.** Any work authorized by this permit conducted prior to the Department's receipt of a signed copy of the Acknowledgement of Appraisal of Permit Conditions is a violation of the Dam Safety and Encroachments Act and the Clean Streams Law, and you may be subject to fines and penalties pursuant to those Acts.

20. SPECIAL CONDITIONS

A. Since Post Hollow and the unnamed tributary to Mudlick Run are a wild trout streams, no work shall be done in the stream channel between October 1 and December 31 without the prior written approval of the Pennsylvania Fish & Boat Commission.

B. Since Post Hollow (WW-T21-27002) is a wild trout stream, no work shall be done in the stream channel between October 1 and December 31 without the prior written approval of the Pennsylvania Fish and Boat Commission.

C. In order to avoid impacts to the timber rattlesnake, an approved timber rattlesnake biologist will be on-site to inspect and clear the area of timber rattlesnakes during all construction activities taking place between April 15 and October 15.

D. All disturbed areas are to be restored to the original contours and shall be replanted with indigenous plant species. Any excess fill material must be removed from the wetland and not spread on-site.

E. All synthetic erosion control features (e.g., silt fencing, netting, mats), which are intended for temporary use during construction, will be completely removed and properly disposed of after their initial purpose has been served. Only natural fiber materials, which will degrade over time, will be used as permanent measures, or if used temporarily, will be abandoned in place.

F. The backfilling of the trench in which the pipeline will be laid shall be done so as to eliminate the formation of a permanent ridge in the stream bed.

DEPARTMENT OF ENVIRONMENTAL PROTECTION



David W. Garg, P.E.
Environmental Program Manager
Waterways and Wetlands Program

4/29/16
Date

