

LICENSE AGREEMENT (Commercial)

DEP File No. E19-311

THIS AGREEMENT made this 3<sup>rd</sup> day of, May, 2017, between the Commonwealth of Pennsylvania Department of Environmental Protection, hereinafter referred to as "Department", and

- A. \_\_\_\_\_, a corporation  
incorporated under the laws of the State of \_\_\_\_\_;  
or
- B. \_\_\_\_\_, a partnership;  
or
- C. \_\_\_\_\_, an individual;  
or
- D. Transcontinental Gas Pipe Line Company, LLC (Transco), (other);

with its principal place of business at 2800 Post Oak Boulevard, Houston, Texas 77056-6127, hereinafter referred to as "Licensee".

WHEREAS, Department is authorized by the Act of November 26, 1978 (P.L. 1375, No. 325), as amended, to grant, with the approval of the Governor, licenses to occupy submerged lands of the Commonwealth on such terms and conditions as the Department shall prescribe, for the purposes set forth in said Act;

WHEREAS, Department is also authorized by said Act 325, as amended, to issue permits for the construction, operation, maintenance, modification, enlargement or abandonment of dams, water obstructions and encroachments; prior permits issued in compliance with the Act of June 8, 1907 (P.L. 496, No. 322) and the Act of June 25, 1913 (P.L. 555, No. 355) being deemed to comply with the requirements of said Act 325, as amended, and any and all said permits being the only permits referred to hereinafter;

WHEREAS, Licensee has the right to occupy riparian land abutting No.1 Fishing Creek (Stream) in Sugarloaf Township (Municipality), No.2 Susquehanna River (Stream) in Montour Township (Municipality), No.3 Green Creek (Stream) in Jackson Township (Municipality), No's.4, 5 and 6 Little Fishing Creek (Stream) in Mount Pleasant and Hemlock Townships (Municipality), in Columbia County, Pennsylvania;

WHEREAS, Licensee's business on said riparian land requires a license to occupy submerged lands of the Commonwealth in the bed of said Stream below normal pool elevation or low water mark, as the case may be, adjacent to said riparian land in order to construct, repair, replace, operate, maintain and remove six (6) separate natural gas pipeline crossings: No. 1 Fishing Creek, No. 2 Susquehanna River, No.3 Green Creek, and three crossings, No. 4, No. 5 and No. 6, of Little Fishing Creek and other necessary encroachments and obstructions associated with its business, in accordance with the approved plans and specifications contained in Permit Application No. E19-311 and in any prior or future permit(s) for dams, water obstructions and encroachments within the premises licensed herein, referred to hereinafter as "Licensee's facilities"; and

WHEREAS, Licensee's facilities are for the purpose of (check as appropriate):

- improving navigation or public transportation;
- recreation, fishing or other public trust purposes;
- protecting public safety or the environment;
- providing water supply, energy production or waste treatment;
- other activities which require access to water;

NOW, THEREFORE, Department, in consideration of the foregoing, and the payments of Licensee of monies as hereinafter written, and the agreements, undertakings and conditions hereinafter contained, hereby grants to Licensee a license to occupy submerged lands of the Commonwealth adjacent to Licensee's riparian land for the purpose(s) set forth in paragraph(s) A below, in accordance with the approved plans and specifications contained in Permit Application No. E19-311 and in any prior or future permit(s) for dams, water obstructions and encroachments within the premises licensed herein:

A. To construct, repair, replace, operate, maintain and remove Licensee's facilities within premises referred to herein as the "Facilities Area", occupying approximately 0.1 & 1.1 & 0.1 & 0.1 & 0.1 & 0.1 acres (to the nearest tenth of an acre) of submerged land owned by the Commonwealth in the aforesaid Stream, Municipality and County, the location of which Facilities Area is:

- shown as the "Facilities Area" on the map or plan attached hereto and made a part hereof; or
- described by metes and bounds as attached hereto and made a part hereof.

Crossing #1- Fishing Creek	(41° 16' 22.48" , -76° 22' 55.09")	Facilities Area A:	0.1 acres	Fee: \$750.00
Crossing #2- Susquehanna River	(40° 57' 1.01" , -76° 29' 4.85")	Facilities Area B:	1.1 acres	Fee: \$1,650.00
Crossing #3- Green Creek	(41° 12' 29.45" , -76° 25' 47.17")	Facilities Area C:	0.1 acres	Fee: \$750.00
Crossing #4- Little Fishing Creek	(41° 2' 28.72" , -76° 29' 6.79")	Facilities Area D:	0.1 acres	Fee: \$750.00
Crossing #5- Little Fishing Creek	(41° 1' 22.51" , -76° 28' 45.08")	Facilities Area E:	0.1 acres	Fee: \$750.00
Crossing #6- Little Fishing Creek	(41° 1' 9.05" , -76° 28' 39.00")	Facilities Area F:	0.1 acres	Fee: \$750.00
Total for (6) crossings				\$5,400.00

B. To occupy for the mooring of vessels at Licensee's facilities, within premises, referred to herein as the "Mooring Area", occupying approximately N/A acres (to the nearest

tenth of an acre) of submerged land owned by the Commonwealth in the aforesaid Stream, Municipality and County, the location of which Mooring Area is:

- shown as the "Mooring Area" on the map or plan attached hereto and made a part hereof; or
- described by metes and bounds as attached hereto and made a part hereof.

The total Facilities Area and Mooring Area being referred to herein as "Licensed Premises";

C. To dredge for construction and normal operation and maintenance within the Licensed Premises; provided that this license grants no right to dredge, excavate, remove and carry away any merchantable sand, gravel or other minerals, such activities being subject to the payment of a royalty pursuant to Sections 468(d) and 1908-A(3) of the Administrative Code of 1929, as amended.

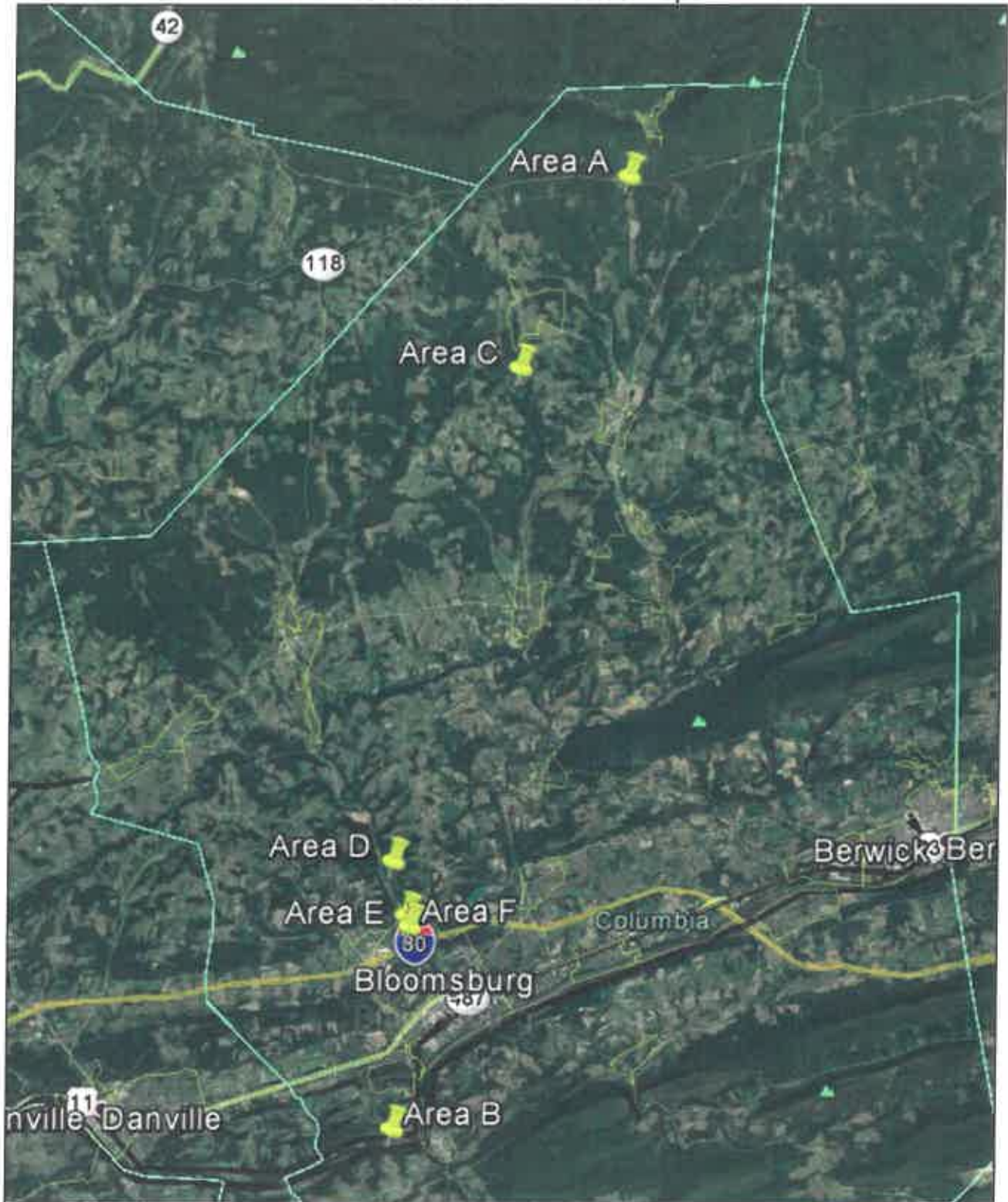
In consideration whereof, and intending to be legally bound hereby, Licensee agrees as follows:

1. The current schedule of annual fees for Licensed Premises is as follows:
  - a. An annual fee of one hundred fifty (\$150.00) per tenth of an acre for premises licensed as "Facilities Area", and thirty dollars (\$30.00) per tenth of an acre for premises licensed as "Mooring Area", with a minimum annual fee for Licensed Premises of seven hundred fifty dollars (\$750.00).

Therefore, Licensee, upon the execution of this Agreement, shall pay to the Commonwealth the sum of **five thousand four hundred dollars (\$5,400.00)**. The annual fees imposed herein may be revised upon notice from the Department to the Licensee consistent with applicable law. However, until notified otherwise, Licensee shall pay to the Commonwealth the sum of **five thousand four hundred dollars (\$5,400.00)** by the first day of **June, 2018**, and so on by each succeeding first day of **June**. The annual fees shall be payable to the Commonwealth at Department's offices in Harrisburg

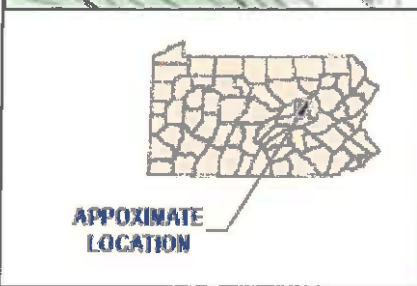
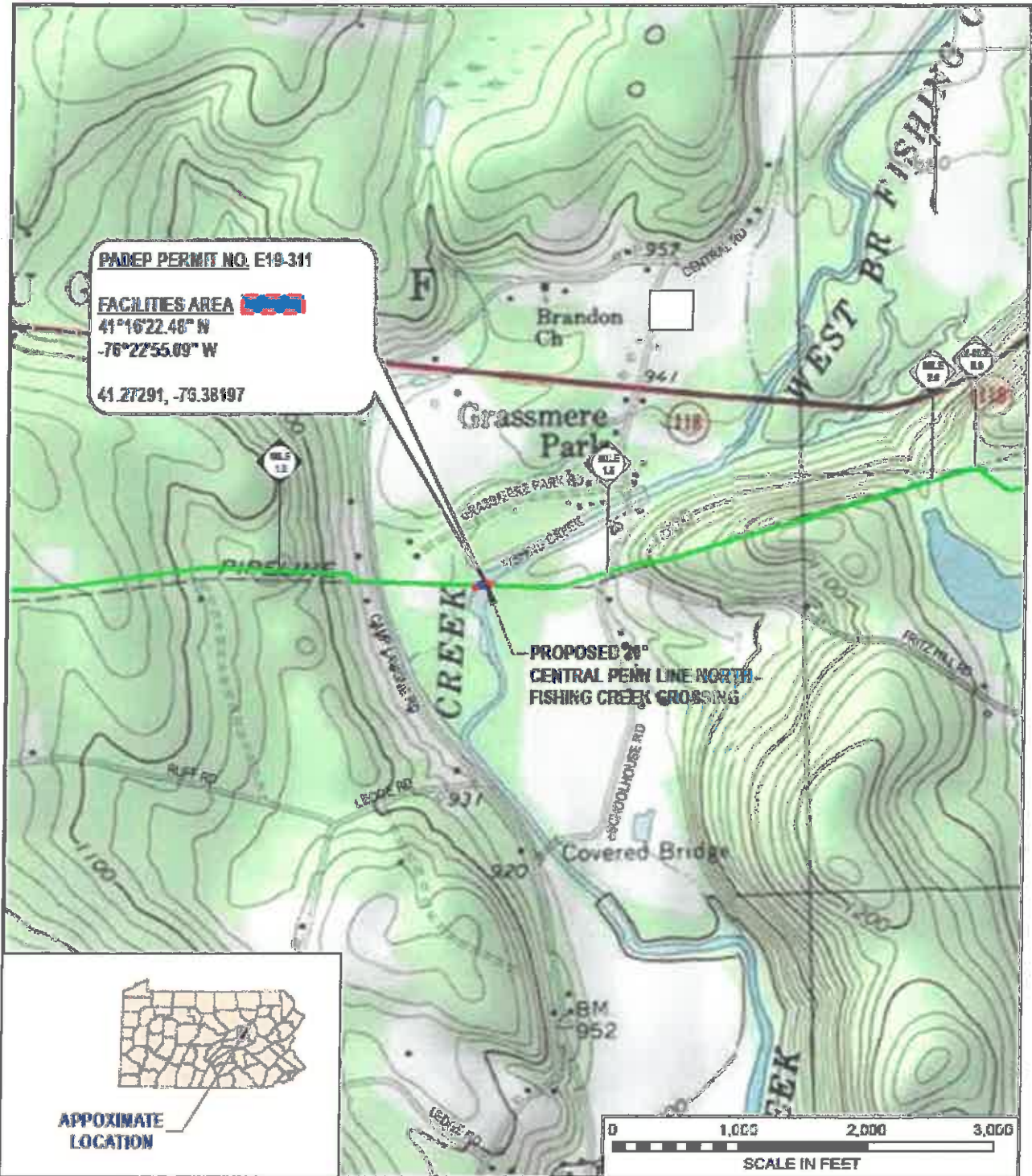
2. In the event a substantial portion of any of Licensee's facilities shall be permanently discontinued or abandoned by Licensee or any of Licensee's permits issued under or complying with Act 325, as amended, or Licensee's facilities be terminated, then this Agreement, at the option of Licensee or Department shall be modified to reflect the changed conditions. Modification may include termination where the use of Licensee's facilities is essentially permanently discontinued or abandoned by Licensee or where essentially all of Licensee's permits issued under or complying with Act 325, as amended, for Licensee's facilities be terminated.


**Transcontinental Gas Pipe Line Company, LLC**  
**E19-311 Pipeline Crossings: Columbia County**  
**Facilities Area General Location Map**



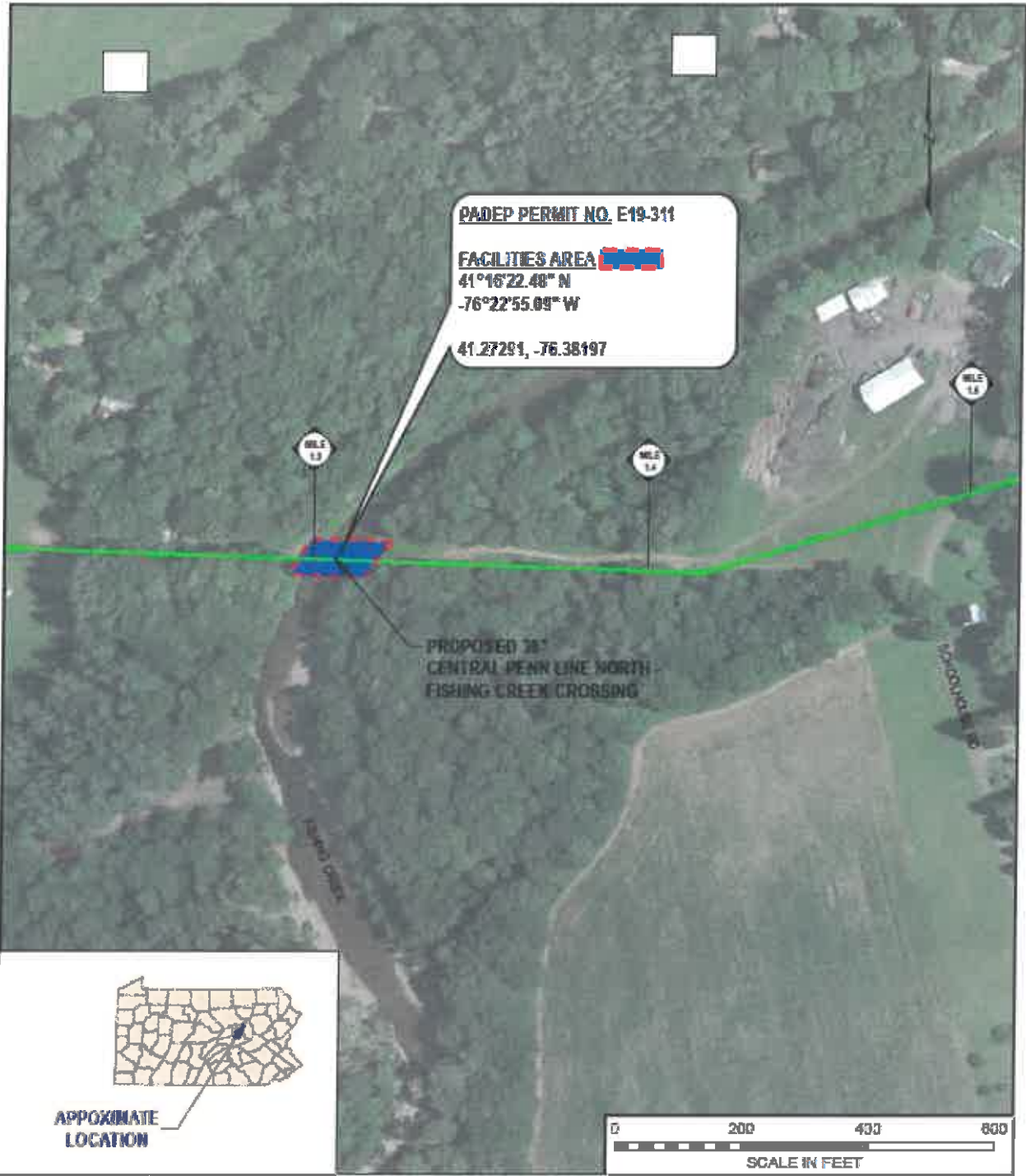
**E19-311**

**Transcontinental Gas Pipe Line Company, LLC**  
**E19-311 Pipeline Crossing under Fishing Creek, Sugarloaf Township, Columbia County**  
**Facilities Area A**



DRAWING NO.		REFERENCE TITLE		TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC ATLANTIC SUNRISE PROJECT PROPOSED 30" CENTRAL PENN LINE NORTH FISHING CREEK PIPELINE CROSSING FIGURE 1-01 - TOPOGRAPHIC LOCATION MAP SUGARLOAF TWPS, COLUMBIA COUNTY, PENNSYLVANIA					
		ORS-75 MIN QUAD MAP 41675-C4 (ELK GROVE PA)							
NO.	DATE	BY	REVISION DESCRIPTION	NO.	DATE	APP.	DRAWN BY	DATE	SCALE
A	08/01/09	JTM	ISSUED FOR REVIEW	1151003	02/08	RAJN	JEM	08/12/09	5" = 1000'
							CHECKED BY:	DATE:	REVISION:
							APPROVED BY:	DATE:	DRAWING NUMBER:
							RAJN	08/12/09	24-1606-70-09-A/SLLA_Fig1-01
							900	08/12/09	SCALE 1/8" = 1000'

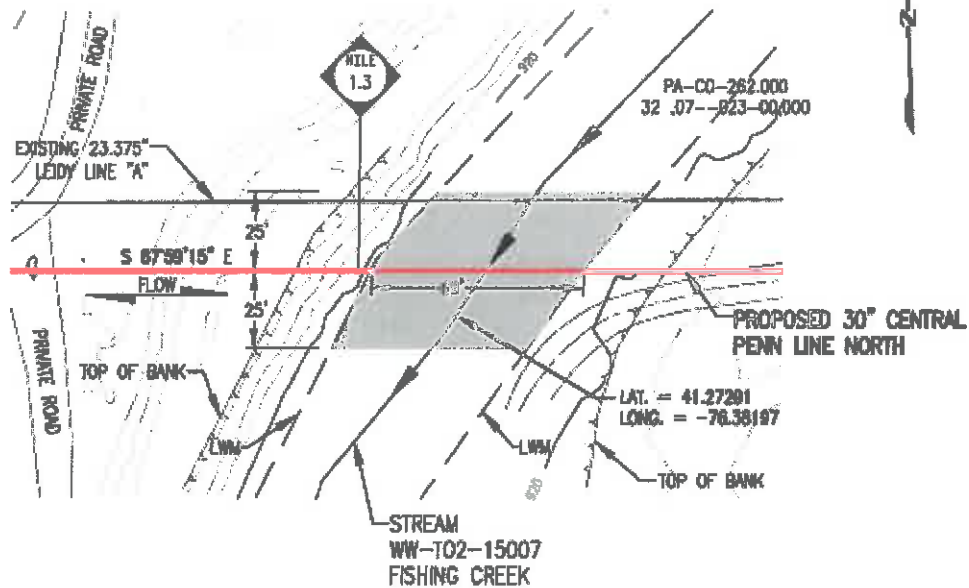
**Transcontinental Gas Pipe Line Company, LLC**  
**E19-311 Pipeline Crossing under Fishing Creek, Sugarloaf Township, Columbia County**  
**Facilities Area A**



<b>DRAWING NO.</b>			<b>REFERENCE TITLE</b>			<b>TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC</b> <b>ATLANTIC SUNRISE PROJECT</b> <b>PROPOSED 36" CENTRAL PENN LINE NORTH</b> <b>FISHING CREEK PIPELINE CROSSING</b> <b>FIGURE 1-02 - AERIAL LOCATION MAP</b> <b>SUGARLOAF TWPS, COLUMBIA COUNTY, PENNSYLVANIA</b>						
			DRG 7-8 MIN 6x100 MAP 41276-C-1ELS GROW. PA									
<b>NO.</b>	<b>DATE</b>	<b>BY</b>	<b>REVISION DESCRIPTION</b>	<b>NO. NO.</b>	<b>DATE</b>	<b>APP.</b>	<b>DRAWN BY</b>	<b>JTB</b>	<b>DATE</b>	<b>ISSUE FOR BID</b>	<b>SCALE</b>	
A	08/28/98	JTH	ISSUE FOR REVISION	1181803	08/28	ELM			08/28/98	ISSUE FOR CONSTRUCTION	1" = 200'	
							<b>APPROVED BY:</b>	<b>DATE:</b>	<b>DATE:</b>	<b>DRAWING NUMBER:</b>	<b>SCALE:</b>	
							181	08/28/98	08/28/98	24-1600-70-09-A/SLLA_Fig1-02	A	
							<b>NO.</b>	<b>DATE</b>				
							181581					

**E19-311**

**Transcontinental Gas Pipe Line Company, LLC**  
**E19-311 Pipeline Crossing under Fishing Creek, Sugarloaf Township, Columbia County**  
**Facilities Area A**



STREAM ENCROACHMENT	FACILITIES AREA
PADEP PERMIT NO. E19-311	
STREAM LENGTH (LWM TO LWM)	69 LF.
STREAM WIDTH (RIGHT-OF-WAY)	50 LF.
SQ. FT.	3,368
ACRES	0.08

- LEGEND**
- PROPOSED 30" CENTRAL PENN LINE NORTH
  - PROPOSED CPLS R/W
  - PROPERTY LINE
  - STREAM FLOW
  - TOP OF BANK
  - LOW WATER MARK (LWM)
  - FACILITIES AREA



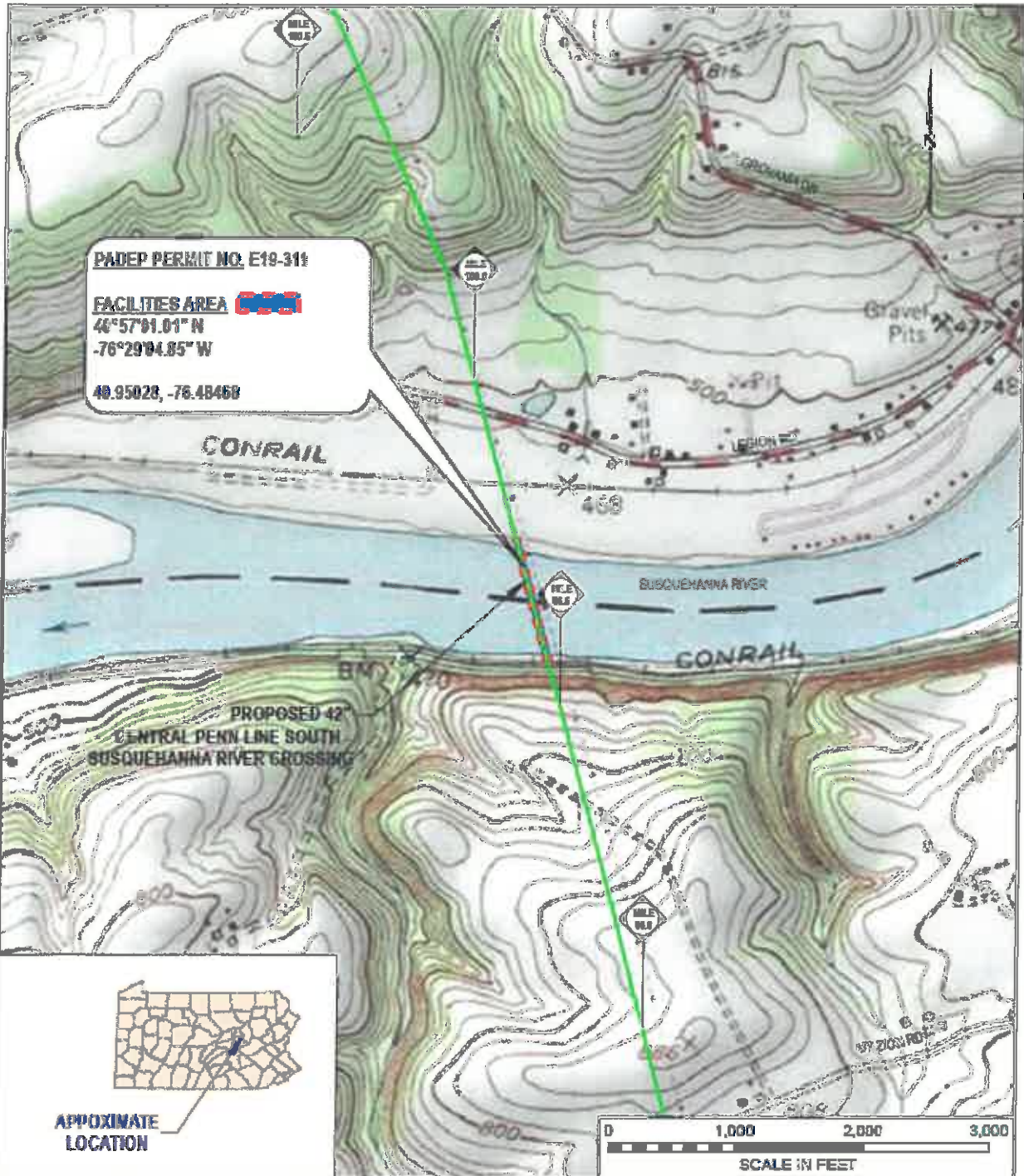
**TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC**  
**ATLANTIC SUNRISE PROJECT**  
**PROPOSED 30" CENTRAL PENN LINE NORTH**  
**FISHING CREEK PIPELINE CROSSING**  
**FIGURE 2 - FACILITIES AREA DRAWING - UTILITIES**  
**SUGARLOAF TOWNSHIP,**  
**COLUMBIA COUNTY, PENNSYLVANIA**




NO.	DATE	BY	REVISION DESCRIPTION	NO.	CHK	APP	DESIGNED BY	NP	DATE	10/21/16	ISSUED FOR:	SCALE
A	11/04/16	NP	ISSUED FOR REVIEW	1161481	JM	MJH	DESIGNED BY	JM	DATE	10/21/16	ISSUED FOR CONSTRUCTION	REVISION
B	02/06/17	DLK	ISSUED FOR REVIEW	1161481	JM	MJH	APPROVED BY	MJH	DATE	10/21/16	DRAWING NUMBER	DRAWING NUMBER
							NO.	1161481			24-1801-70-27-A/1.31-01	SHEET 1
											4-11	OF 1

**E19-311**

**Transcontinental Gas Pipe Line Company, LLC**  
**E19-311 Pipeline Crossing under the Susquehanna River, Montour Township, Columbia County**  
**Facilities Area B**

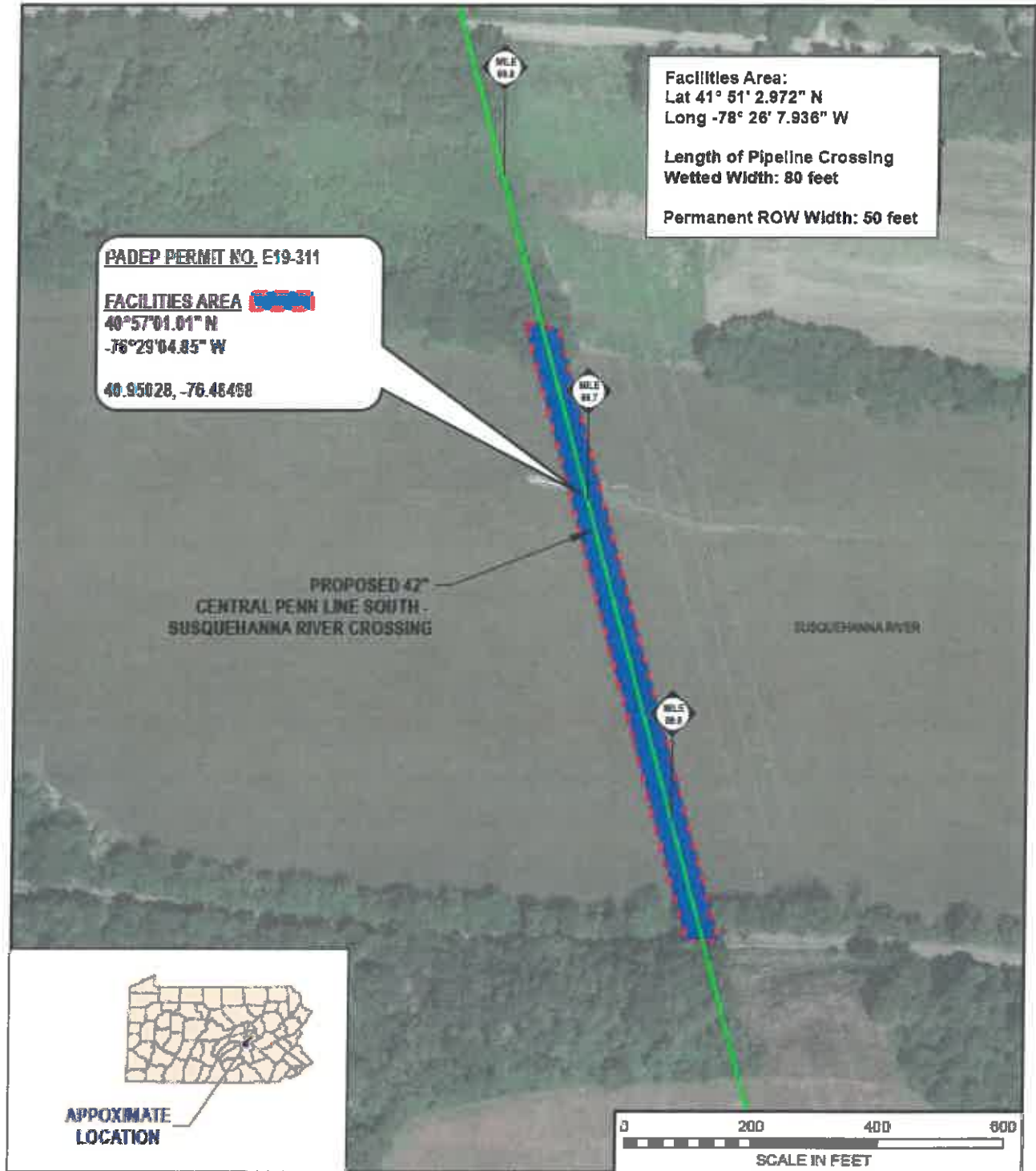


DRAWING NO.		REFERENCE TITLE		TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC ATLANTIC SUNRISE PROJECT PROPOSED 42" CENTRAL PENN LINE SOUTH SUSQUEHANNA RIVER PIPELINE CROSSING FIGURE 1-01 - TOPOGRAPHIC LOCATION MAP MONTGUR TOWNSHIP, COLUMBIA COUNTY, PENNSYLVANIA			
		CRD 37.8 MIN "GARD MA" 40370-04 (CATANEGGA, PA)					
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A	08/19/10	JTM	ISSUED FOR REVIEW	1101003	JCM	MLM	REVISION: 0
DRAWN BY: JCM		DATE: 08/19/10		SCALE FOR BLDG: 1/8" = 1'-0"		SCALE FOR CONSTRUCTION: 1/4" = 1'-0"	
CHECKED BY: JCM		DATE: 08/19/10		DRAWING NUMBER: 24-1600-70-09-A/SLLA_Fig1-01		DATE OF REVISION:	
APPROVED BY: MLM		DATE: 08/26/10		DRAWING NUMBER: 24-1600-70-09-A/SLLA_Fig1-01		DATE OF REVISION:	
NO: 1001003							

**E19-311**

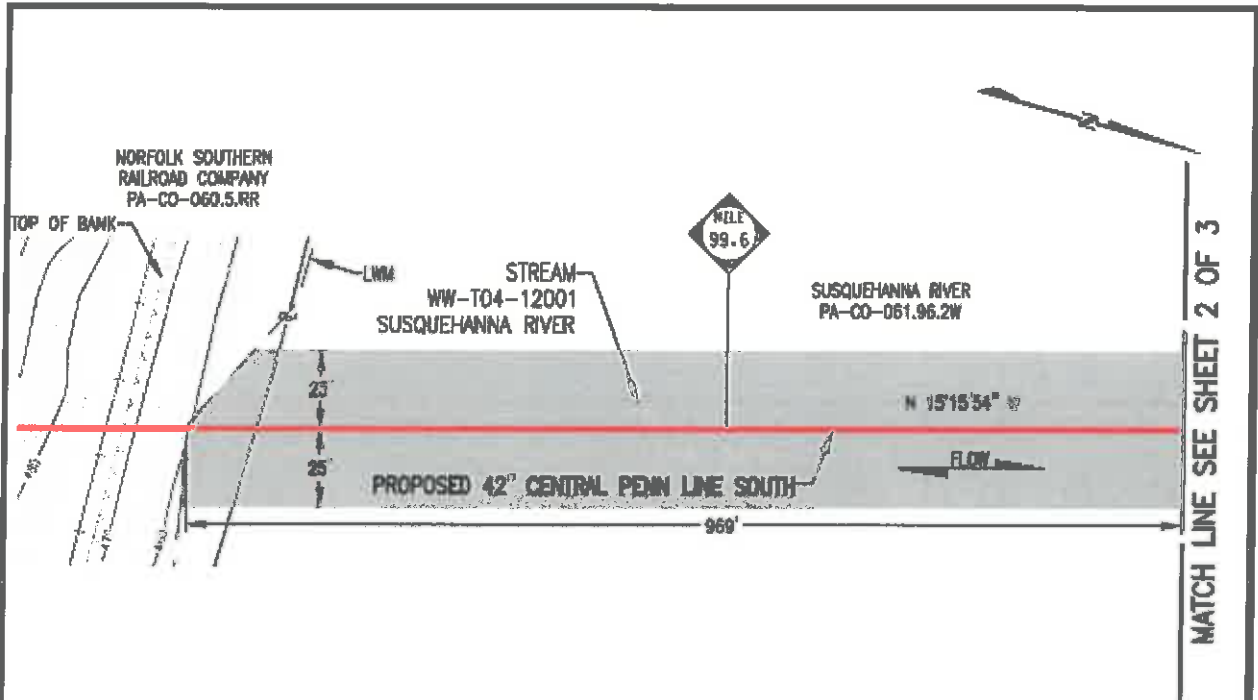


**Transcontinental Gas Pipe Line Company, LLC**  
**E19-311 Pipeline Crossing under the Susquehanna River, Montour Township, Columbia County**  
**Facilities Area B**



DRAWING NO		REFERENCE TITLE		TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC ATLANTIC SUNRISE PROJECT PROPOSED 42" CENTRAL PENN LINE SOUTH SUSQUEHANNA RIVER PIPELINE CROSSING FIGURE 1-02 - AERIAL LOCATION MAP MONTOUR TWP, COLUMBIA COUNTY, PENNSYLVANIA						
ORG 7.5 MIN QUAD MAP 40076-N4, CATHRESSA PA										
NO	DATE	BY	REVISION DESCRIPTION	W.C. NO	CHK	APP	DRAWN BY:	DATE:	ISSUE FOR:	SCALE:
A	08/28/18	JTH	ISSUED FOR REVIEW	1181803	JCM	WJM	CHECKED BY:	DATE:	ISSUE FOR CONSTRUCTION:	REVISION:
							APPROVED BY:	DATE:	DRAWING NUMBER:	
							JWC	08/28/18	24-1690-70-09-AJSLLA_Fig1-02	
							100% PER TRACING			

**Transcontinental Gas Pipeline Company, LLC**  
**E19-311 Pipeline Crossing under the Susquehanna River, Montour Township, Columbia County**  
**Facilities Area B**



STREAM ENCROACHMENT	FACILITIES AREA
PADEP PERMIT NO. E19-311	
STREAM LENGTH (LWM TO LWM)	960 LF.
STREAM WIDTH (RIGHT-OF-WAY)	50 LF.
SQ. FT.	48,254
ACRES	1.11

**LEGEND**

- PROPOSED 42" CENTRAL PENN LINE SOUTH
- PROPOSED CPLS R/W
- PROPERTY LINE
- STREAM FLOW
- TOP OF BANK
- LOW WATER MARK (LWM)
- FACILITIES AREA



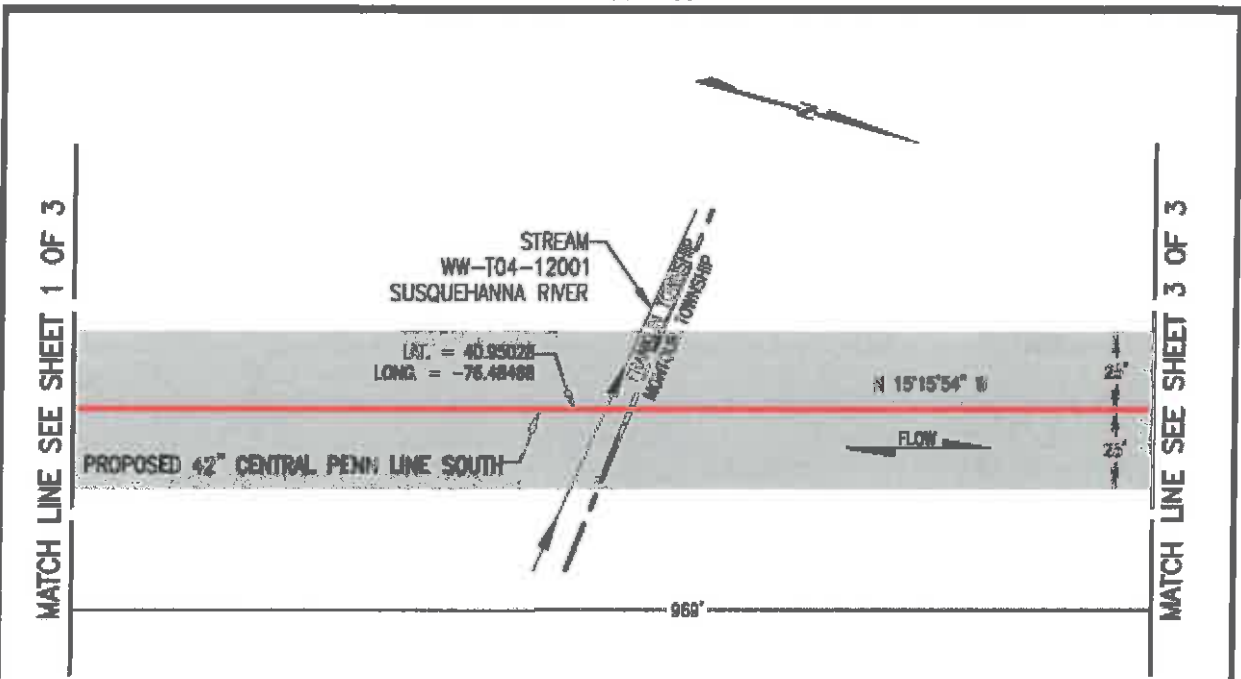
**TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC**  
**ATLANTIC SUNRISE PROJECT**  
**PROPOSED 42" CENTRAL PENN LINE SOUTH**  
**SUSQUEHANNA RIVER PIPELINE CROSSING**  
**FIGURE 2 - FACILITIES AREA DRAWING - UTILITY**  
**FRANKLIN & MONTOUR TOWNSHIPS**  
**COLUMBIA COUNTY, PENNSYLVANIA**



NO.	DATE	BY	REVISION DESCRIPTION	NO.	CHK	APP	DRAWN BY	AMD	DATE	ISSUED FOR	SCALE	
A	11/04/16	AVD	ISSUED FOR REVIEW	1161503	JM	MJH	DRAWN BY	JM	DATE	11/02/16	ISSUED FOR	SCALE 1" = 50'
B	02/13/17	DLK	ISSUED FOR REVIEW	1161503	JM	MJH	DRAWN BY	JM	DATE	11/02/16	ISSUED FOR	REVISION B
							APPROVED BY	MJH	DATE	11/02/16	DRAWING NUMBER	24-1600-70-27-A/99.66-01 SHEET 1
							REV	1161503			DRAWING NUMBER	24-1600-70-27-A/99.66-01 SHEET 1
											DRAWING NUMBER	24-1600-70-27-A/99.66-01 SHEET 1
											DRAWING NUMBER	24-1600-70-27-A/99.66-01 SHEET 1

**E19-311**

**Transcontinental Gas Pipe Line Company, LLC**  
**E19-311 Pipeline Crossing under the Susquehanna River, Montour Township, Columbia County**  
**Facilities Area B**



**STREAM DISTURBANCE:**  
 SEE TABLE ON SHEET 1 OF 3

- LEGEND**
- PROPOSED 42" CENTRAL PENN LINE SOUTH
  - PROPOSED CPLS R/W
  - PROPERTY LINE
  - STREAM FLOW
  - TOP OF BANK
  - LOW WATER MARK (LWM)
  - FACILITIES AREA



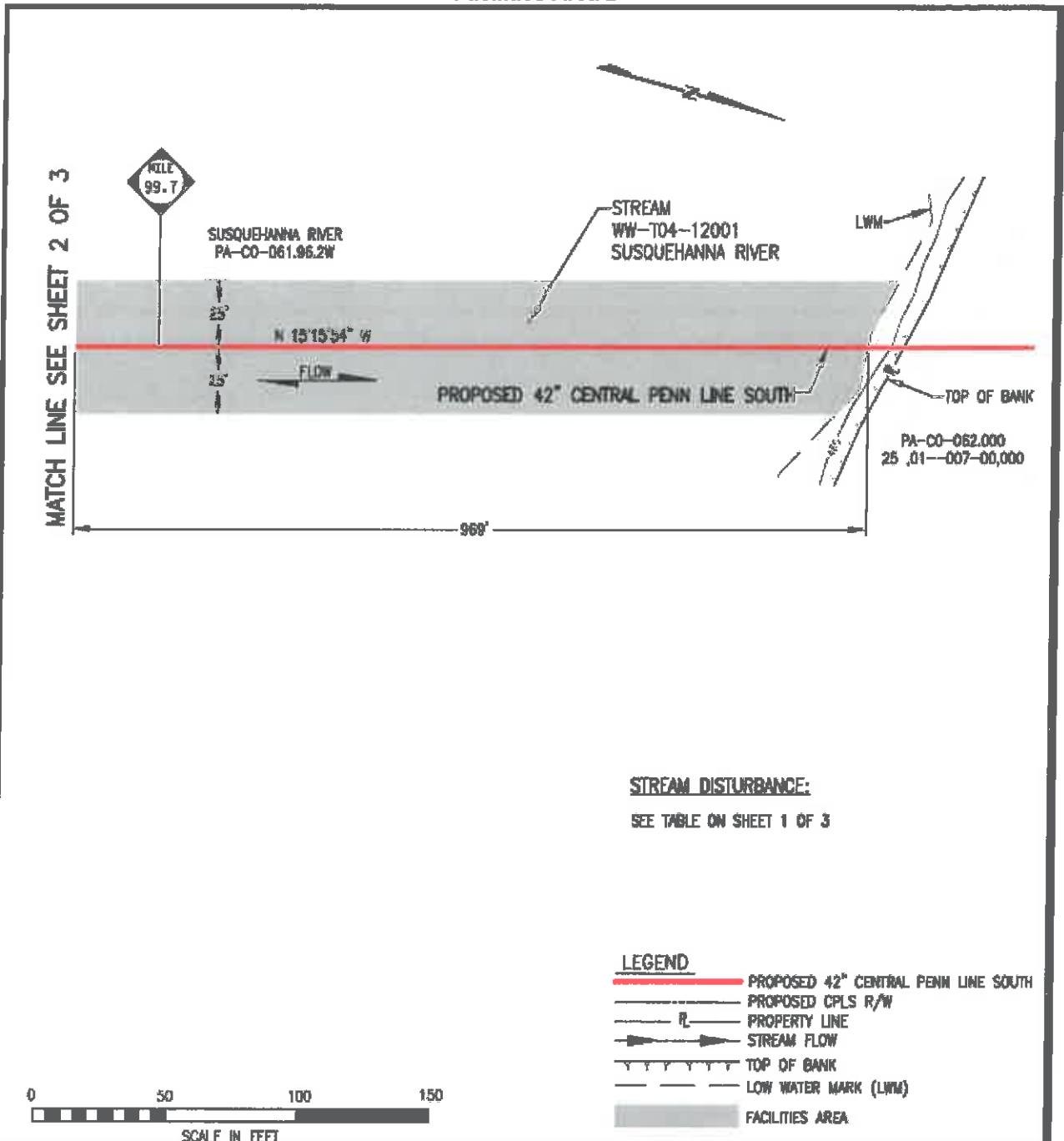
**TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC**  
**ATLANTIC SUNRISE PROJECT**  
**PROPOSED 42" CENTRAL PENN LINE SOUTH**  
**SUSQUEHANNA RIVER PIPELINE CROSSING**  
**FIGURE 2 - FACILITIES AREA DRAWING - UTILITY**  
**FRANKLIN & MONTOUR TOWNSHIPS**  
**COLUMBIA COUNTY, PENNSYLVANIA**



NO.	DATE	BY	REVISION DESCRIPTION	NO. NO.	CHK.	APP.	DRAWN BY	AVD	DATE	ISSUED FOR:	SCALE	
A	11/04/16	AVD	ISSUED FOR REVIEW	F161503	JM	MJR			11/02/16	ISSUED FOR REVIEW	1" = 50'	
B	02/13/17	DLK	ISSUED FOR REVIEW	F161503	JM	MJR			11/02/16	ISSUED FOR CONSTRUCTION	REVISION 8	
							APPROVED BY	MJH	DATE	11/02/16	DRAWING NUMBER	24-1600-70-27-A/99.66-01 SHEET 2
							NO.	1161503				OF 3

**E19-311**

**Transcontinental Gas Pipe Line Company, LLC**  
**E19-311 Pipeline Crossing under the Susquehanna River, Montour Township, Columbia County**  
**Facilities Area B**



**STREAM DISTURBANCE:**  
 SEE TABLE ON SHEET 1 OF 3

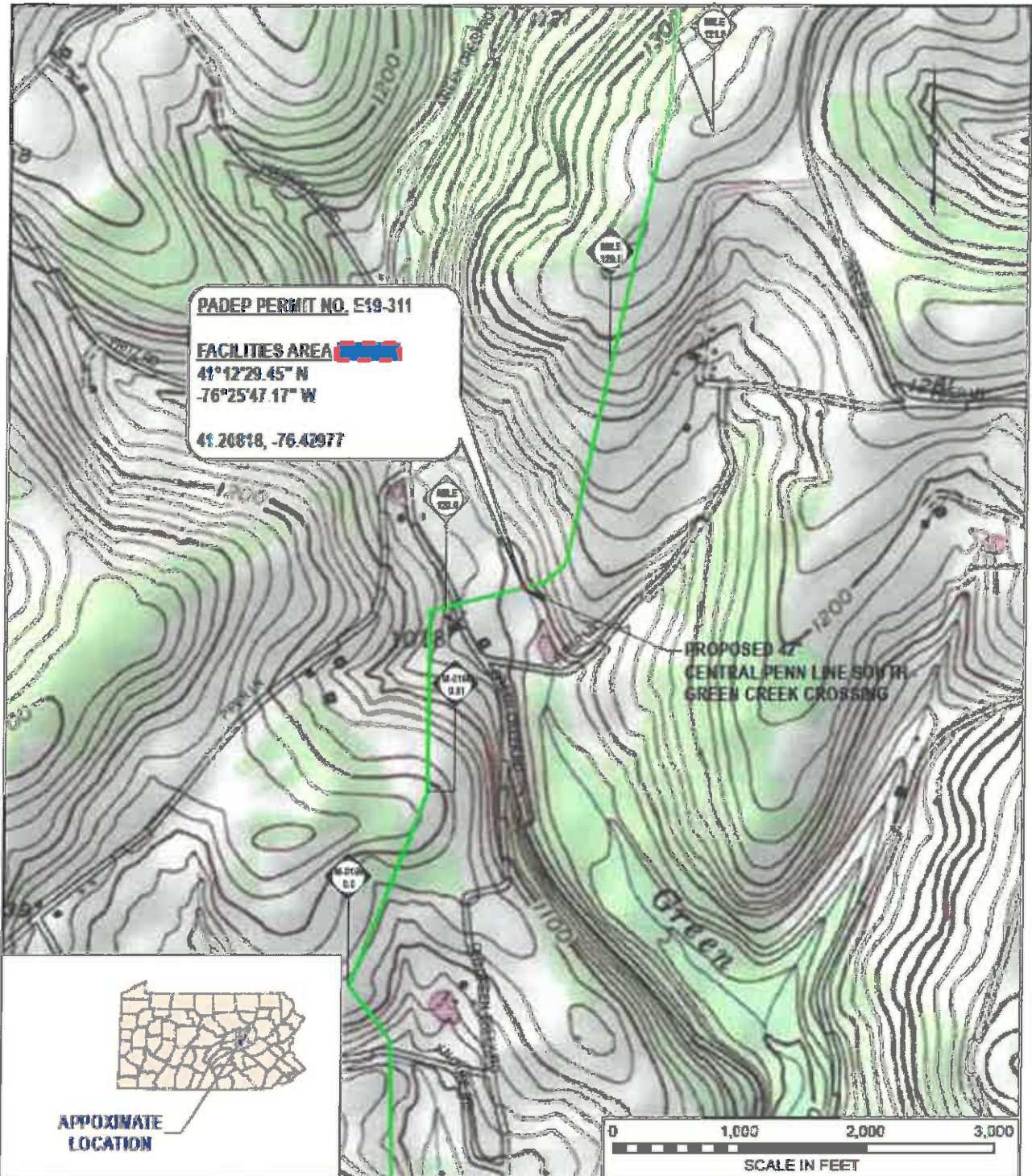
- LEGEND**
- PROPOSED 42" CENTRAL PENN LINE SOUTH
  - PROPOSED CPLS R/W
  - PROPERTY LINE
  - STREAM FLOW
  - TOP OF BANK
  - LOW WATER MARK (LWM)
  - FACILITIES AREA



				TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC ATLANTIC SUNRISE PROJECT PROPOSED 42" CENTRAL PENN LINE SOUTH SUSQUEHANNA RIVER PIPELINE CROSSING FIGURE 2 - FACILITIES AREA DRAWING - UTILITY FRANKLIN & MONTOUR TOWNSHIPS COLUMBIA COUNTY, PENNSYLVANIA					
				NO.	DATE	BY	REVISION DESCRIPTION		
A	11/04/16	AVD	ISSUED FOR REVIEW	1161503	JM	MJM			
B	02/13/17	DLK	ISSUED FOR REVIEW	1161503	JM	MJM			

DESIGNED BY	AVD	DATE	11/02/16	ISSUED FOR:	CONSTRUCTION	SCALE	1" = 50'
CHECKED BY	JM	DATE	11/02/16	REVISION	B		
APPROVED BY	MJH	DATE	11/02/16	DRAWING NUMBER	24-1600-70-27-A/99.56-01	SHEET	3
NO.	1161503					OF	3

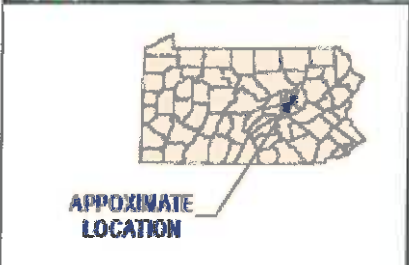
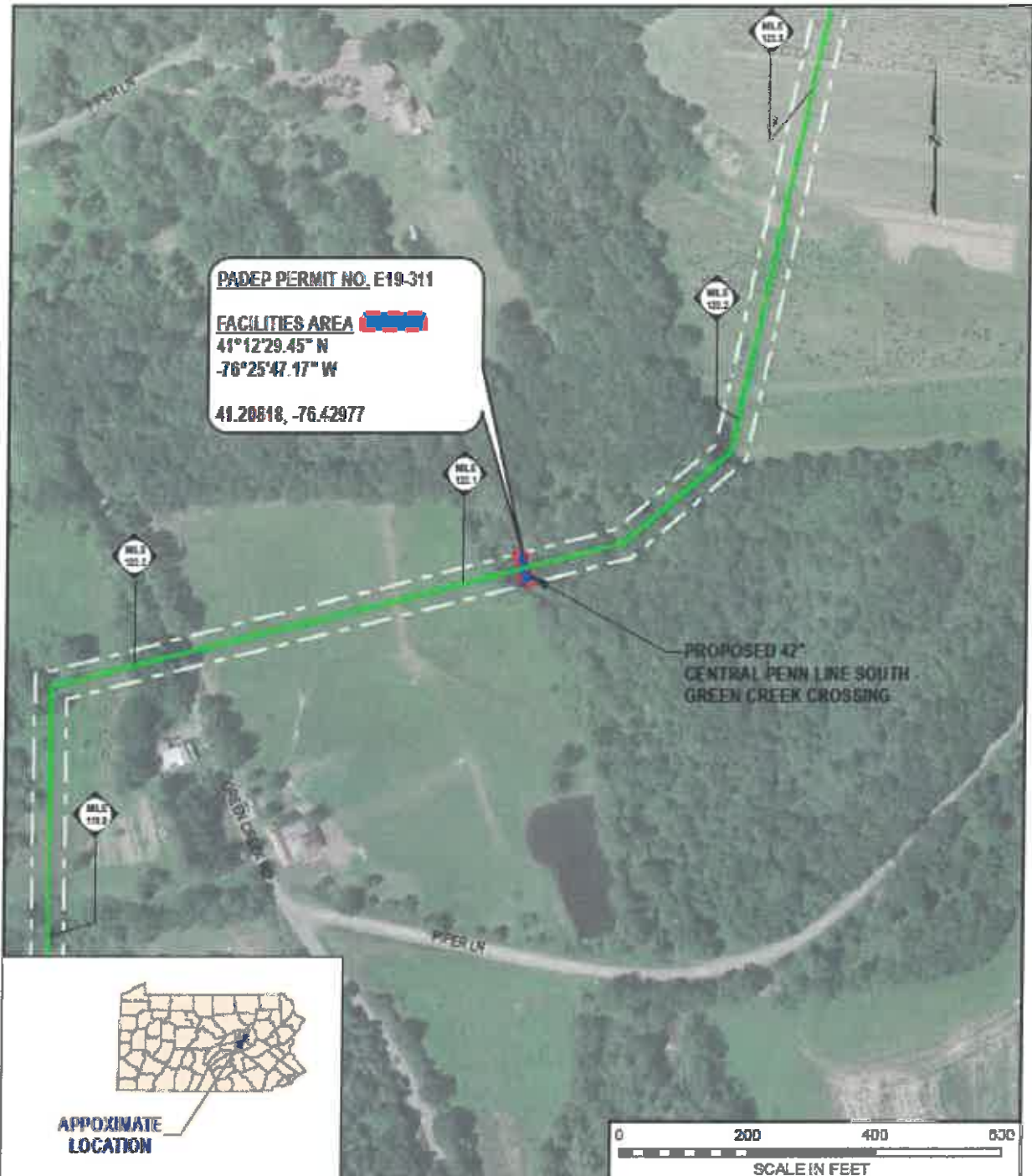
**Transcontinental Gas Pipe Line Company, LLC**  
**E19-311 Pipeline Crossing under Green Creek, Jackson Township, Columbia County**  
**Facilities Area C**




DRAWING NO.		REFERENCE TITLE			<b>TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC</b> <b>ATLANTIC SUNRISE PROJECT</b> <b>PROPOSED 42" CENTRAL PENN LINE SOUTH</b> <b>GREEN CREEK PIPELINE CROSSING</b> <b>FIGURE 1-01 - TOPOGRAPHIC LOCATION MAP</b> <b>JACKSON TWP, COLUMBIA COUNTY, PENNSYLVANIA</b>					
		CRS 7.5 MIN QUAD MAP 41295-84 (BENTON PA)								
NO.	DATE	BY	REVISION DESCRIPTION	REV. NO.	CSG	APP	DRAWN BY:	DATE:	SCALE FOR SDP	SCALE 1" = 500'
A	08/09/08	JTW	ISSUED FOR REVIEW	11/11/03	JCM	BLM	JTW	08/09/08	SCALE FOR SDP	REVISION: A
							CHECKED BY:	DATE:	SCALE FOR CONSTRUCTION:	
							APPROVED BY:	DATE:	DRAWING NUMBER:	24-1600-70-85-A/SLLA_Fig1-01
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**E19-311**

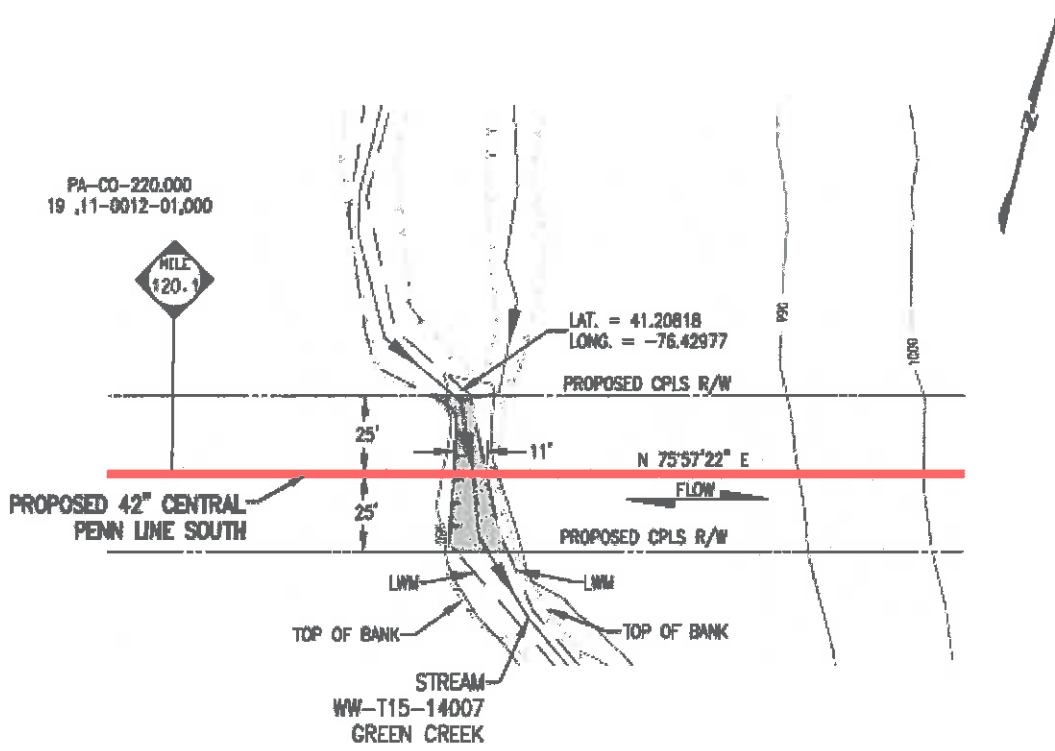
**Transcontinental Gas Pipe Line Company, LLC**  
**E19-311 Pipeline Crossing under Green Creek, Jackson Township, Columbia County**  
**Facilities Area C**



DRAWING NO.		REFERENCE TITLE		TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC ATLANTIC SUNRISE PROJECT PROPOSED 42" CENTRAL PENN LINE SOUTH GREEN CREEK PIPELINE CROSSING FIGURE 1-02 - AERIAL LOCATION MAP JACKSON TWP'S, COLUMBIA COUNTY, PENNSYLVANIA							
		CPC'S 7.5 MIN. QUAD MAP #1078-84 (BENTON, PA)									
NO.	DATE	BY	REVISION/DESCRIPTION	BY	DATE	APP.	DRAWN BY:	DATE:	SCALE FOR THIS	SCALE 1" = 500'	
A	08/07/18	JTH	ISSUED FOR REVIEW	11/1/83	JCB	MLM	CHECKED BY: JEM	DATE: 08/07/18	SCALE FOR CONSTRUCTION:	REVISION: A	
							APPROVED BY: MLM	DATE: 08/28/18	DRAWING NUMBER: 24-1600-70-09-A/SLLA_Fig1-02		
							NO: 1001803	DRAWD NUMBER: 24-1600-70-09-A/SLLA_Fig1-02			

**E19-311**

**Transcontinental Gas Pipe Line Company, LLC**  
**E19-311 Pipeline Crossing under Green Creek, Jackson Township, Columbia County**  
**Facilities Area C**



STREAM ENCROACHMENT	FACILITIES AREA
PADEP PERMIT NO. E19-311	
STREAM LENGTH (LWM TO LWM)	11 LF.
STREAM WIDTH (RIGHT-OF-WAY)	50 LF.
SQ. FT.	567
ACRES	0.01

- LEGEND**
- PROPOSED 42" CENTRAL PENN LINE SOUTH
  - PROPOSED CPLS R/W
  - PROPERTY LINE
  - STREAM FLOW
  - TOP OF BANK
  - LOW WATER MARK (LWM)
  - FACILITIES AREA

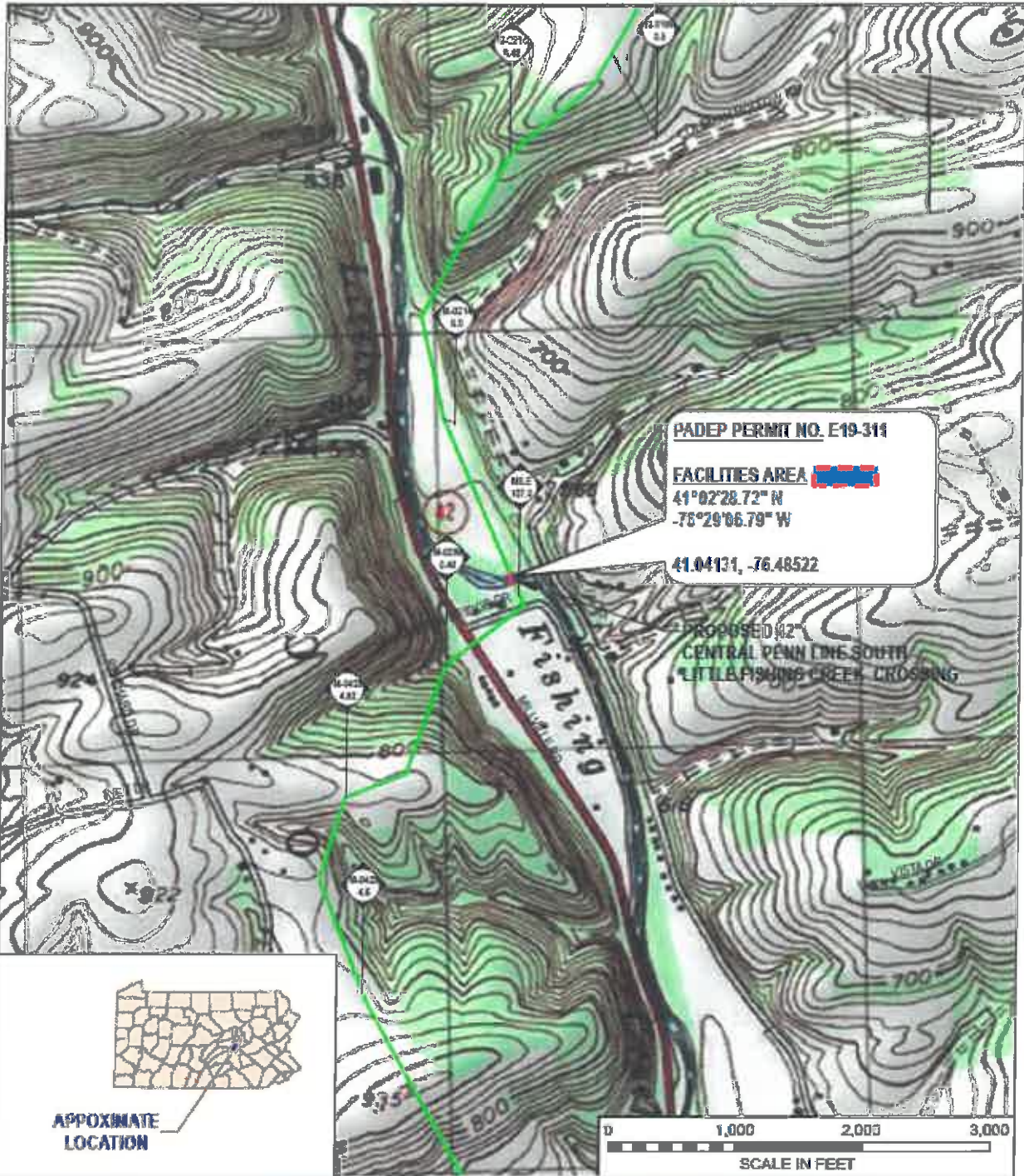


**WOOD GROUP  
MUSTANG, INC.**

**TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC**  
**ATLANTIC SUNRISE PROJECT**  
**PROPOSED 42" CENTRAL PENN LINE SOUTH**  
**GREEN CREEK PIPELINE CROSSING**  
**FIGURE 2 - FACILITIES AREA DRAWING - UTILITY**  
**JACKSON TOWNSHIP**  
**COLUMBIA COUNTY, PENNSYLVANIA**

NO.	DATE	BY	REVISION DESCRIPTION	NO.	CHK.	APP.	DRAWN BY	AVD	DATE	ISSUED FOR	SCALE	
A	11/04/16	AVD	ISSUED FOR REVIEW	1161503	JM	MJH	CHECKED BY	JM	DATE	11/02/16	ISSUED FOR CONSTRUCTION	SCALE 1" = 30'
B	03/28/17	TL	ISSUED FOR REVIEW	1161503	JM	MJH	APPROVED BY	MJH	DATE	11/02/16	DRAWING NUMBER	24-1600-70-27-A/120.11-01 SHEET 1 OF 1

**Transcontinental Gas Pipe Line Company, LLC  
 E19-311 Pipeline Crossing under Little Fishing Creek,  
 Mount Pleasant and Hemlock Townships, Columbia County  
 Facilities Area D**




DRAWING NO.		REFERENCE TITLE		<b>TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC</b> <b>ATLANTIC SUNRISE PROJECT</b> <b>PROPOSED 42" CENTRAL PENN LINE SOUTH</b> <b>LITTLE FISHING CREEK PIPELINE CROSSING</b> <b>FIGURE 1-01 - TOPOGRAPHIC LOCATION MAP</b> <b>MOUNT PLEASANT &amp; HEMLOCK TOWNS, COLUMBIA COUNTY, PENNSYLVANIA</b>			
		DRG 7 S MH QUAD MAP 41078-44 (BLOOMSBURG, PA)					
NO.	DATE	BY	REVISION DESCRIPTION	ECO. NO.	CHK.	APP.	DRAWN BY: CHECKED BY: APPROVED BY: DATE: 10/1/09
A	08/03/09	JTM	ISSUED FOR REVIEW	1101003	JEM	BLM	DATE: 08/03/09 DATE: 08/03/09 DATE: 08/03/09 DRAWING NUMBER: 24-1600-70-09-A/5LLA_Fig1-01 DATE: 10/1/09

**E19-311**

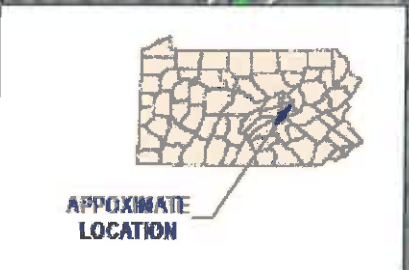



**Transcontinental Gas Pipe Line Company, LLC  
 E19-311 Pipeline Crossing under Little Fishing Creek,  
 Mount Pleasant and Hemlock Townships, Columbia County  
 Facilities Area D**



**PADEP PERMIT NO. E19-311**  
**FACILITIES AREA**   
 41°02'28.72" N  
 -76°29'06.79" W  
 41.04131, -76.48522

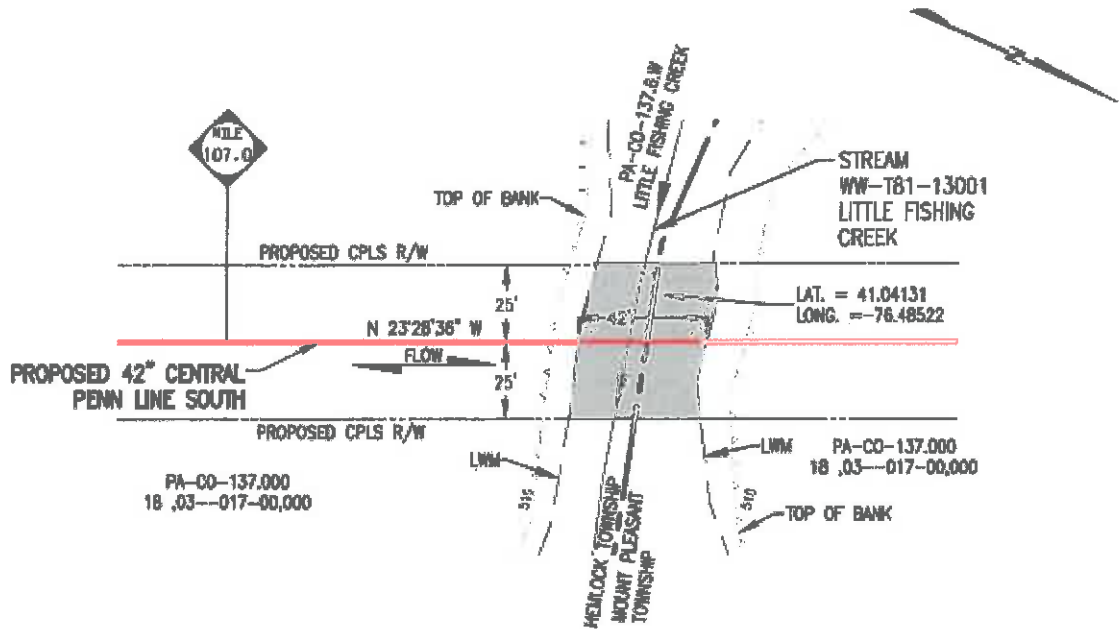
PROPOSED 42"  
 CENTRAL PENN LINE SOUTH  
 LITTLE FISHING CREEK CROSSING



DRAWING NO.		REFERENCE TITLE		<b>TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC</b> <b>ATLANTIC SUNRISE PROJECT</b> <b>PROPOSED 42" CENTRAL PENN LINE SOUTH</b> <b>LITTLE FISHING CREEK PIPELINE CROSSING</b> <b>FIGURE 1-02 - AERIAL LOCATION MAP</b> <b>MOUNT PLEASANT &amp; HEMLOCK TWP, COLUMBIA COUNTY, PENNSYLVANIA</b> 																																																													
4107B-04		4107B-04 (HEMLOCKBURG PA)		<table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REVISION/DESCRIPTION</th> <th>NO.</th> <th>CHK</th> <th>APP</th> <th>DESIGN BY</th> <th>JDN</th> <th>DATE</th> <th>08/28/09</th> <th>SCALE FOR LOG</th> <th>SCALE: 1" = 200'</th> </tr> <tr> <td>A</td> <td>08/28/09</td> <td>JFN</td> <td>ISSUED FOR REVIEW</td> <td>1541002</td> <td>JFN</td> <td>MLJ</td> <td>CHECKED BY</td> <td>JER</td> <td>DATE</td> <td>08/28/09</td> <td>SCALE FOR CONSTRUCTION</td> <td>FIGURE 1-02</td> </tr> <tr> <td colspan="7"></td> <td>APPROVED BY</td> <td>BLM</td> <td>DATE</td> <td>08/28/09</td> <td>DRAWING NUMBER</td> <td>24-1600-70-09-A/SLLA_Fig1-02</td> </tr> <tr> <td colspan="7"></td> <td>NO.</td> <td>ENTER</td> <td colspan="2"></td> <td>DATE</td> <td>08/28/09</td> </tr> </table>										NO.	DATE	BY	REVISION/DESCRIPTION	NO.	CHK	APP	DESIGN BY	JDN	DATE	08/28/09	SCALE FOR LOG	SCALE: 1" = 200'	A	08/28/09	JFN	ISSUED FOR REVIEW	1541002	JFN	MLJ	CHECKED BY	JER	DATE	08/28/09	SCALE FOR CONSTRUCTION	FIGURE 1-02								APPROVED BY	BLM	DATE	08/28/09	DRAWING NUMBER	24-1600-70-09-A/SLLA_Fig1-02								NO.	ENTER			DATE	08/28/09
NO.	DATE	BY	REVISION/DESCRIPTION	NO.	CHK	APP	DESIGN BY	JDN	DATE	08/28/09	SCALE FOR LOG	SCALE: 1" = 200'																																																					
A	08/28/09	JFN	ISSUED FOR REVIEW	1541002	JFN	MLJ	CHECKED BY	JER	DATE	08/28/09	SCALE FOR CONSTRUCTION	FIGURE 1-02																																																					
							APPROVED BY	BLM	DATE	08/28/09	DRAWING NUMBER	24-1600-70-09-A/SLLA_Fig1-02																																																					
							NO.	ENTER			DATE	08/28/09																																																					

**E19-311**

**Transcontinental Gas Pipe Line Company, LLC**  
**E19-311 Pipeline Crossing under Little Fishing Creek,**  
**Mount Pleasant and Hemlock Townships, Columbia County**  
**Facilities Area D**



STREAM ENCROACHMENT	FACILITIES AREA
PADEP PERMIT NO. E19-311	
STREAM LENGTH (LWM TO LWM)	42 LF.
STREAM WIDTH (RIGHT-OF-WAY)	50 LF.
SQ. FT.	2,050
ACRES	0.05

**LEGEND**

- PROPOSED 42" CENTRAL PENN LINE SOUTH
- PROPOSED CPLS R/W
- PROPERTY LINE
- STREAM FLOW
- TOP OF BANK
- LOW WATER MARK (LWM)
- FACILITIES AREA



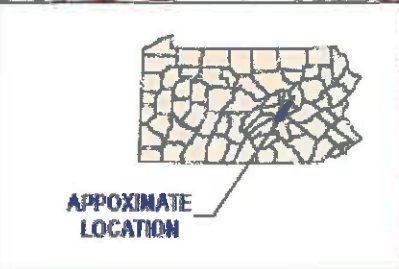
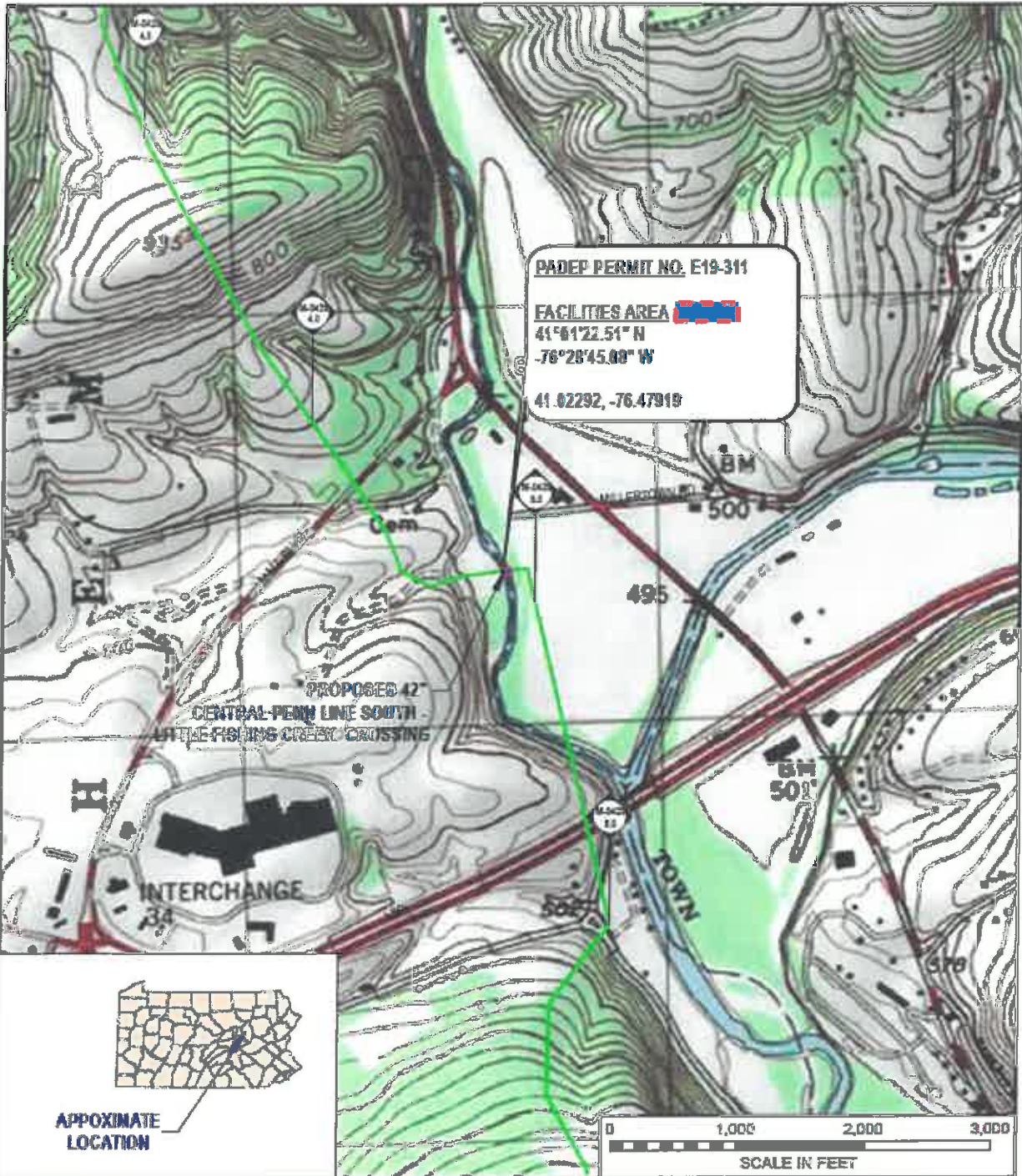
**TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC**  
**ATLANTIC SUNRISE PROJECT**  
**PROPOSED 42" CENTRAL PENN LINE SOUTH**  
**LITTLE FISHING CREEK PIPELINE CROSSING**  
**FIGURE 2 - FACILITIES AREA DRAWING - UTILITY**  
**HEMLOCK & MOUNT PLEASANT TOWNSHIPS**  
**COLUMBIA COUNTY, PENNSYLVANIA**



REV.	DATE	BY	REVISION DESCRIPTION	W.C. NO.	CHK.	APP.	DRAWN BY	DLK	DATE	ISSUED FOR NO.	SCALE
A	11/04/16	DLK	ISSUED FOR REVIEW	1161503	JM	MJR	C-ENGINEER	JM	DATE 11/03/16	ISSUED FOR CONSTRUCTION	REVISION B
B	04/01/17	TL	ISSUED FOR REVIEW	1161503	JM	MJR			DATE 11/03/16	DRAWING NUMBER 24-1600-70-27-A/107.02-01 SHEET 1	OF 1
							NO. 1161503				

**E19-311**

**Transcontinental Gas Pipe Line Company, LLC  
 E19-311 Pipeline Crossing under Little Fishing Creek,  
 Mount Pleasant and Hemlock Townships, Columbia County  
 Facilities Area E**




DRAWING NO.		REFERENCE TITLE		TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC ATLANTIC SUNRISE PROJECT PROPOSED 42" CENTRAL PENN LINE SOUTH LITTLE FISHING CREEK PIPELINE CROSSING FIGURE 1-01 - TOPOGRAPHIC LOCATION MAP MOUNT PLEASANT & HEMLOCK TOWNS, COLUMBIA COUNTY, PENNSYLVANIA			
		08078 BM QUAID MAP 41078-44 (BLISSBURG PA)					
NO.	DATE	BY	REVISION/DESCRIPTION	REQ. NO.	CHK.	APP.	SCALE: 1" = 1000'
A	08/28/09	JFM	ISSUED FOR REVIEW	19-1283	JFM	BLM	REVISION: A
				DRAWN BY: JFM CHECKED BY: JFM APPROVED BY: BLM		SCALE FOR SET: BASIC FOR CONSTRUCTION: DRAWING NUMBER: 24-1600-70-09-AJSLLA_Fig1-01 8/27/09	

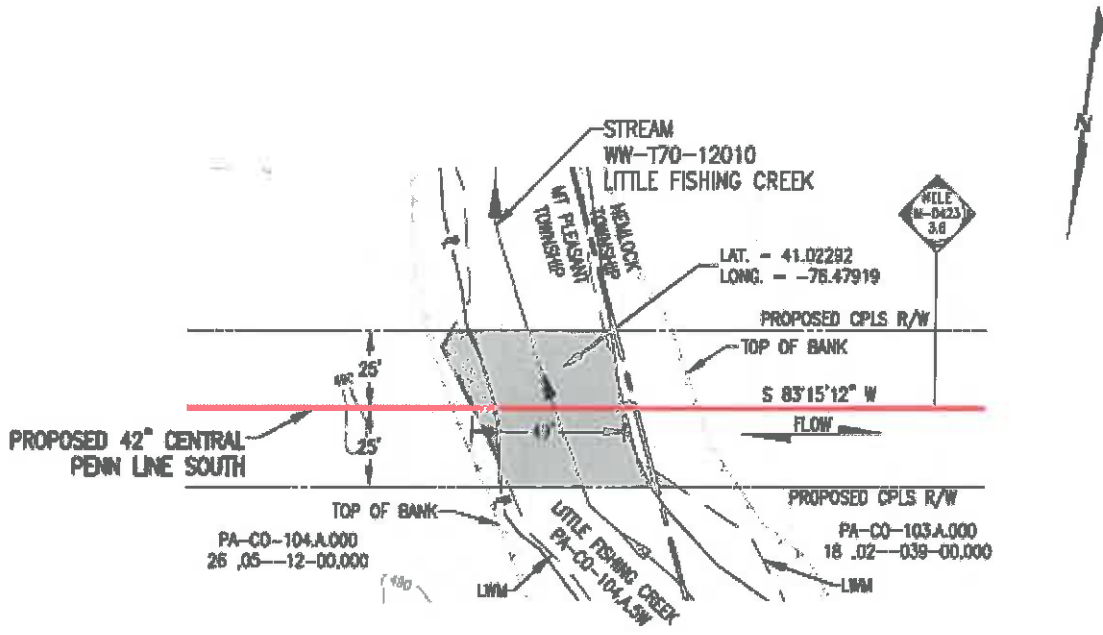
**E19-311**

**Transcontinental Gas Pipe Line Company, LLC**  
**E19-311 Pipeline Crossing under Marvin Creek (S132) Keating Township, Columbia County**  
**Facilities Area E**



DRAWING NO.		REFERENCE TITLE		<b>TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC</b> <b>ATLANTIC SUNRISE PROJECT</b> <b>PROPOSED 42" CENTRAL PENN LINE SOUTH</b> <b>LITTLE FISHING CREEK PIPELINE CROSSING</b> <b>FIGURE 1-02 - AERIAL LOCATION MAP</b> <b>MOUNT PLEASANT &amp; HEMLOCK TOWNSHIPS, COLUMBIA COUNTY, PENNSYLVANIA</b>								
		DRG 7.5 MIN QUAD MAP 41075-44 (BIDMANSBURG PA)										
NO	DATE	BY	REVISION/DESCRIPTION	REV NO	CHK	APP	DRAWN BY	DATE	REVISION	SCALE FOR REV	SCALE: 1" = 200'	
A	06/28/14	JTM	ISSUED FOR REVIEW	1/1	JEB	SLR	CHECKED BY: JEB	DATE: 06/26/14	REVISION: 1	SCALE FOR CONSTRUCTION:	REVISED: A	
							APPROVED BY: BLR	DATE: 06/26/14	REVISION: 1	DRAWING NUMBER: 24-1600-70-09-AVSLLA_Fig1-02		
							NO: 1001002	NAME: [REDACTED]				

**Transcontinental Gas Pipe Line Company, LLC  
E19-311 Pipeline Crossing under Little Fishing Creek,  
Mount Pleasant and Hemlock Townships, Columbia County  
Facilities Area E**



STREAM ENCROACHMENT	FACILITIES AREA
PADEP PERMIT NO. E19-311	
STREAM LENGTH (LWM TO LWM)	49 LF.
STREAM WIDTH (RIGHT-OF-WAY)	50 LF.
SQ. FT.	2,482
ACRES	0.06

- LEGEND**
- PROPOSED 42" CENTRAL PENN LINE SOUTH
  - PROPOSED CPLS R/W
  - PROPERTY LINE
  - STREAM FLOW
  - TOP OF BANK
  - LOW WATER MARK (LWM)
  - FACILITIES AREA

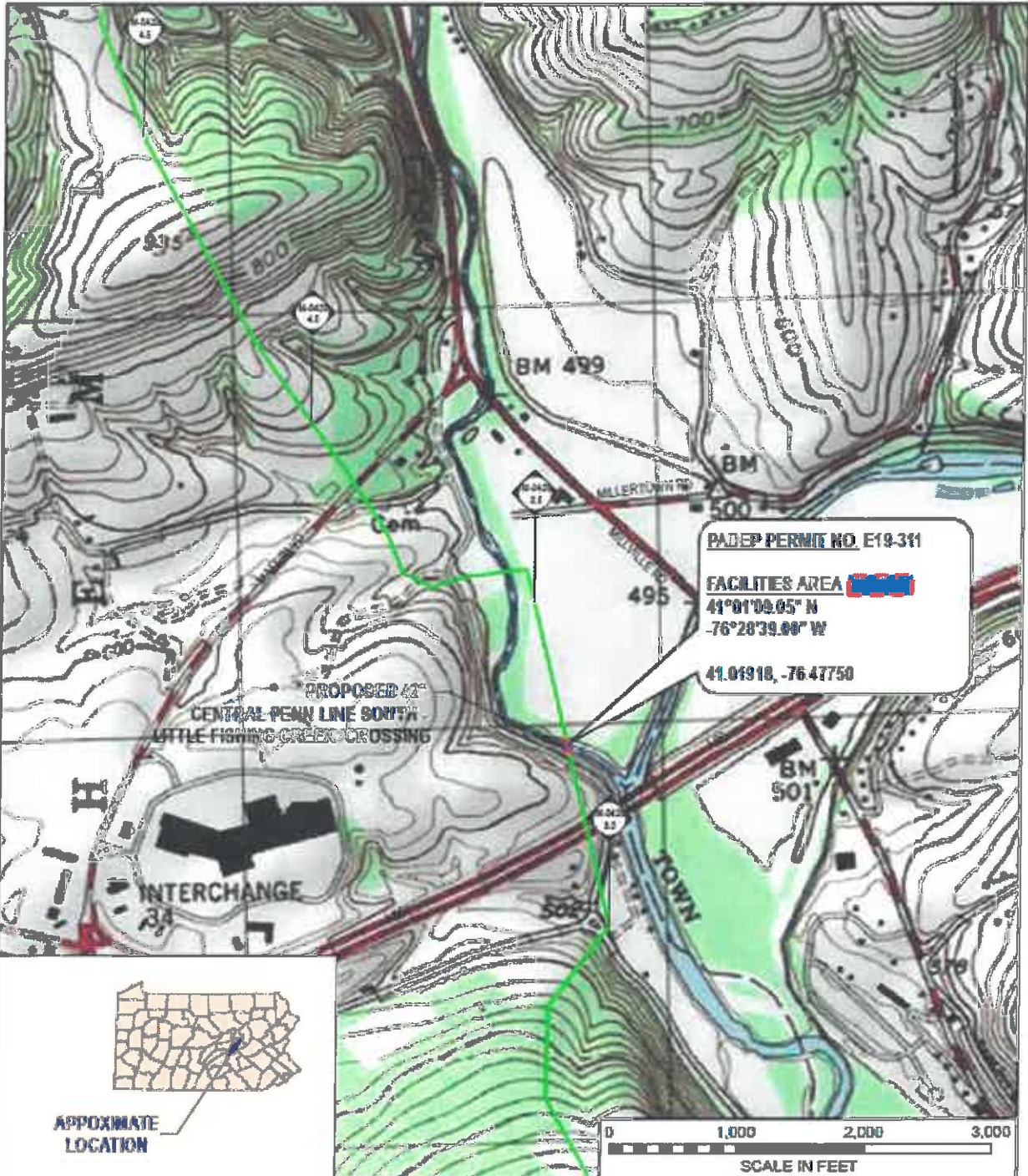


**TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC  
ATLANTIC SUNRISE PROJECT  
PROPOSED 42" CENTRAL PENN LINE SOUTH  
LITTLE FISHING CREEK PIPELINE CROSSING  
FIGURE 2 - FACILITIES AREA DRAWING - UTILITY  
HEMLOCK & MT PLEASANT TOWNSHIPS  
COLUMBIA COUNTY, PENNSYLVANIA**

REV	DATE	BY	REVISION DESCRIPTION	NO. REV.	CHK	APP.	DRAWN BY	DLK	DATE	ISSUED FOR:	SCALE	
A	11/04/16	DLK	ISSUED FOR REVIEW	1161503	JM	MJH	CHECKED BY	JM	DATE	11/03/16	ISSUED FOR CONSTRUCTION	REVISION B
B	02/13/17	DLK	ISSUED FOR REVIEW	1161503	JM	MJH	APPROVED BY	MJH	DATE	11/03/16	DRAWING NUMBER	24-1600-70-27-A/W-0423-3.68-01 SHEET 1
							NO.	1161503			OF	1

**E19-311**

**Transcontinental Gas Pipe Line Company, LLC  
 E19-311 Pipeline Crossing under Little Fishing Creek,  
 Mount Pleasant and Hemlock Townships, Columbia County  
 Facilities Area F**



DRAWING NO		REFERENCE TITLE			<b>TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC</b> <b>ATLANTIC SUNRISE PROJECT</b> <b>PROPOSED 42" CENTRAL PENN LINE SOUTH</b> <b>LITTLE FISHING CREEK PIPELINE CROSSING</b> <b>FIGURE 1-01 - TOPOGRAPHIC LOCATION MAP</b> <b>MOUNT PLEASANT &amp; HEMLOCK TOWNSHIPS, COLUMBIA COUNTY, PENNSYLVANIA</b>							
		CDG 7.5 MIN GRID MAP 41076-44 (MELROSBURG PA)										
NO	DATE	BY	REVISION/DESCRIPTION	NO.	CHK	APP	DRAWN BY	DATE	REVISION	SCALE FOR BID	SCALE 1" = 1000'	
A	08/28/18	JTN	ISSUED FOR REVIEW	11/18/18	02/18	MAN	CREATED BY	DATE	REVISION	SCALE FOR CONSTRUCTION	SECTION A	
							APPROVED BY	DATE	REVISION	DRAWING NUMBER 24-1600-70-03-A/5LLA_Fig-01		
							NO	10/19/18				

**E19-311**

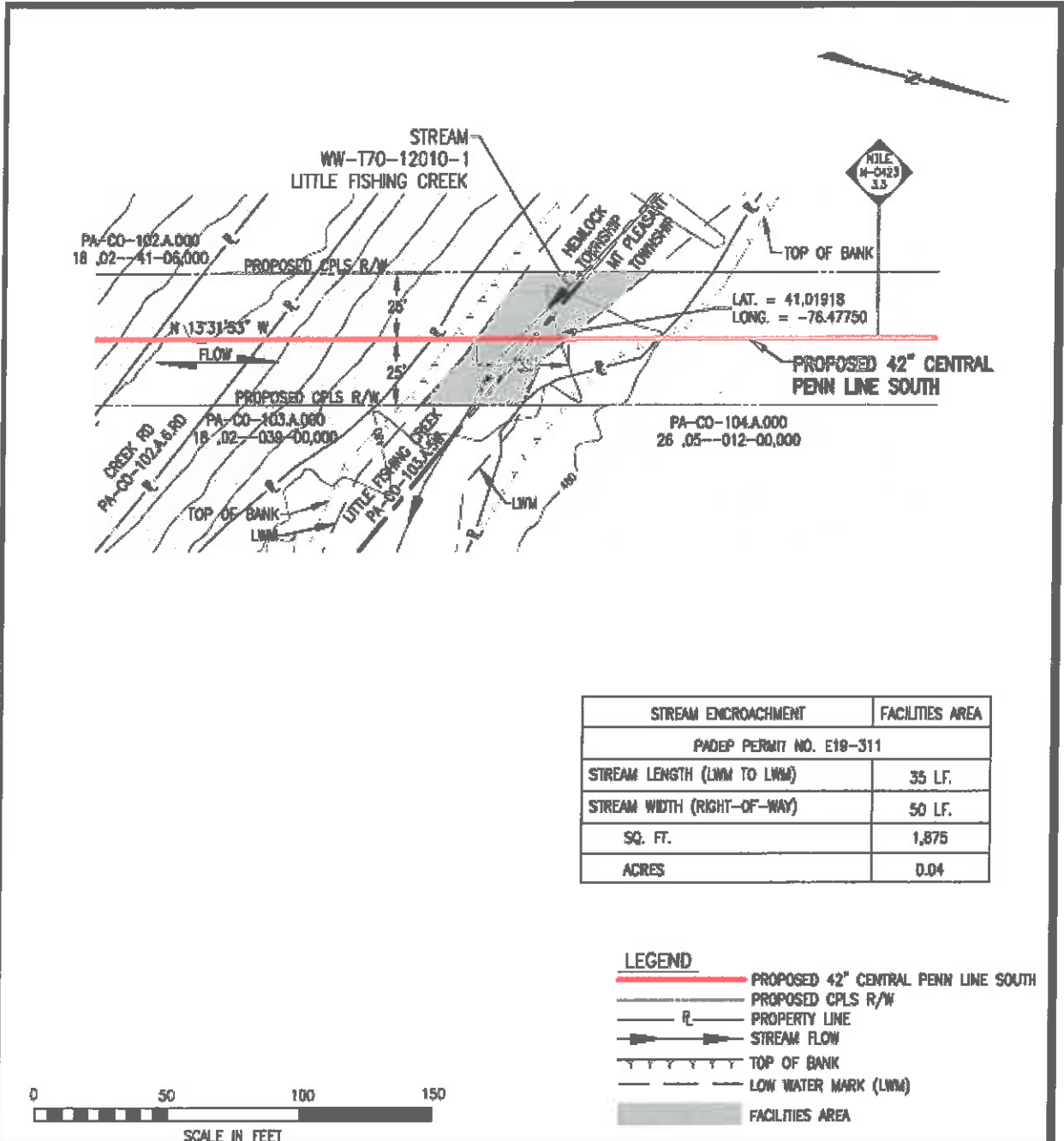
**Transcontinental Gas Pipe Line Company, LLC  
 E19-311 Pipeline Crossing under Little Fishing Creek,  
 Mount Pleasant and Hemlock Townships, Columbia County  
 Facilities Area F**



DRAWING NO.		REFERENCE TITLE		TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC ATLANTIC SUNRISE PROJECT PROPOSED 42" CENTRAL PENN LINE SOUTH LITTLE FISHING CREEK PIPELINE CROSSING FIGURE 1-02 - AERIAL LOCATION MAP MOUNT PLEASANT & HEMLOCK TOWNSHIPS, COLUMBIA COUNTY, PENNSYLVANIA							
		CDS 7.5 MIN QUAD MAP 41076-04 (BLOOMSBURG PA)									
NO.	DATE	BY	REVISION DESCRIPTION	REV. NO.	CHK.	APP.	DRAWN BY	DATE	SCALE FOR BID	SCALE	
A	08/28/16	JTN	ISSUED FOR REVIEW	1191881	ASB	WLR	WLR	08/23/16	SCALE FOR CONSTRUCTION	1" = 200'	
							CHECKED BY: ASB APPROVED BY: BLR WIC: 1191883	DATE: 08/23/16 DATE: 08/23/16	DRAWING NUMBER: 24-1600-70-09-A/SLA_Fig1-02 DATE: 08/23/16		

**E19-311**

**Transcontinental Gas Pipe Line Company, LLC  
E19-311 Pipeline Crossing under Little Fishing Creek,  
Mount Pleasant and Hemlock Townships, Columbia County  
Facilities Area F**



STREAM ENCROACHMENT	FACILITIES AREA
PADEP PERMIT NO. E19-311	
STREAM LENGTH (LWM TO LWM)	35 LF.
STREAM WIDTH (RIGHT-OF-WAY)	50 LF.
SQ. FT.	1,875
ACRES	0.04

- LEGEND**
- PROPOSED 42" CENTRAL PENN LINE SOUTH
  - PROPOSED CPLS R/W
  - PROPERTY LINE
  - STREAM FLOW
  - TOP OF BANK
  - LOW WATER MARK (LWM)
  - FACILITIES AREA



TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC  
ATLANTIC SUNRISE PROJECT  
PROPOSED 42" CENTRAL PENN LINE SOUTH  
LITTLE FISHING CREEK PIPELINE CROSSING  
FIGURE 2 - FACILITIES AREA DRAWING - UTILITY  
HEMLOCK & MT PLEASANT TOWNSHIPS  
COLUMBIA COUNTY, PENNSYLVANIA



NO.	DATE	BY	REASON/DESCRIPTION	NO. NO.	CHK.	APP.	DRAWN BY	DLK	DATE	11/03/16	ISSUED FOR NO.	SCALE	1" = 50'	
A	11/04/16	DLK	ISSUED FOR REVIEW	1161503	JM	MJH	CHECKED BY	JM	DATE	11/03/16	ISSUED FOR CONSTRUCTION	REVISION	B	
B	02/13/17	DLK	ISSUED FOR REVIEW	1161503	JM	MJH	APPROVED BY	MJH	DATE	11/03/16	DRAWING NUMBER	24-1600-70-27-A/N-0423-328-01	SHEET	1
								NO.	1161503			DATE	11/11	
								NO.	1161503			DATE	11/11	



3. Department, in addition to all other rights of termination it may have as set forth herein or generally for breach of any of the conditions, promises, agreements and undertakings by Licensee, shall also have the right to terminate this Agreement upon six (6) months written notice, whenever the Department reasonably believes that the license has become derogatory or inimical to the public interest, fails to serve the best interests of the Commonwealth or hinders a higher public use of the Licensed Premises. Such written notice shall specify the basis for the proposed termination. Termination shall become effective six (6) months after date of notice unless Licensee, within thirty (30) days after such notice, shall request in writing a hearing on the termination issue. In such hearing, due regard shall be given also to the interests of the public as served by Licensee's facilities.

If the Department, following such hearing, determines that the license has become derogatory or inimical to the public interest or fails to serve the best interests of the Commonwealth, or hinders a higher public use of Licensed Premises, then such determination and supporting facts therefor shall be mailed to Licensee. Within thirty (30) days after such determination is mailed, Licensee may appeal therefrom to the appropriate court. Termination shall be effective when the last appeal is finally heard and determined.

4. Licensee shall have the right to terminate this Agreement at any time by written notice to the Secretary of Department.

5. Should termination of this Agreement occur as of a date not falling on the first day of June, then the annual fee payable in advance for the remaining period or the sum refundable, as the case may be, shall be prorated in the ratio that the remaining period from the first day of June, bears to a year.

6. If this Agreement is terminated by operation of this Agreement or by the Department, such termination shall be confirmed by letter from the Secretary of the Department or his designee to the Licensee at the address shown above, or if termination is by Licensee, by letter from Licensee to the Secretary of the Department, at his office in Harrisburg, Pennsylvania. The letter of termination shall be acknowledged and, if this Agreement is recorded, shall likewise be recorded in the County in which this Agreement is recorded.

7. This Agreement does not supersede or waive the provisions of any Federal or Commonwealth statute, regulation or permit relevant to Licensee's operation or maintenance of its facilities. Licensee, its successors and assigns, shall at all times during the existence of this Agreement comply with all statutes, regulations and permits relevant thereto.

8. Licensee shall at all times save harmless and defend the Commonwealth, its officers and employees, from and against all losses, damages, expenses, claims, demands, suits and actions arising out of, or caused in any manner by the use of Licensed Premises by Licensee, and shall compensate the Commonwealth for any damage to it at any time resulting from the use of Licensed Premises by Licensee; provided, however, that this paragraph shall not apply to or affect any claims, demands, suits or actions by or on behalf of officers, employees, servants or agents of the Commonwealth, or their dependents, based upon workmen's compensation or similar statutory benefits. The Department shall, at Licensee's expense, provide Licensee with such assistance as Licensee may reasonably request in writing in the defense of any claim, demand, suit or action which Licensee assumes hereunder.

9. Should Licensee default in the performance of any of the provisions of this Agreement, and such default continue or remain uncured, unsettled, unappealed or unstayed by a court of competent jurisdiction for sixty (60) days after receipt by Licensee of written notice from Department of such default, then this license shall terminate and be of no further effect; provided, however, that if Licensee has commenced substantially to cure said default within the sixty (60) day period and diligently continues such action to completion, this shall not be an event of default and Department may not terminate this license.

10. In the event this license terminates or is terminated by reason of any provision of this Agreement, or for any other reason, Licensee shall at its cost remove Licensee's facilities from Licensed Premises within such time and in such manner as Department may reasonably direct. Should Licensee fail to remove all Licensee's facilities from Licensed Premises within one (1) year after notice by Department to do so, Department may remove the same, and Licensee shall pay the costs of such removal. Notwithstanding anything to the contrary herein, Licensee shall have a period of one (1) year from the date of effective termination of the license within which to remove its facilities from Licensed Premises.

11. Licensee shall at all times perform under this Agreement in such manner as to minimize or prevent polluting the environment. Licensee shall be liable and responsible to the Commonwealth as provided by law for any pollution or other damage to any portion of the environment in or adjacent to Licensed Premises which occurs as a result or consequence of Licensee's occupation and use thereof, irrespective of whether or not such pollution or damage be due to negligence or in the inherent nature of Licensee's operations, unless the pollution or damage is the proximate result or consequence of an independent intervening cause or of force majeure. The burden of proving such independent intervening cause or force majeure shall be on Licensee. Any action for civil damages on account of such pollution brought by Department against Licensee shall not bar Department from bringing other actions under the Clean Streams Law or other pertinent law, rule, or regulation of the Commonwealth. It is understood and agreed that it is not the intention herein to impose any greater duty upon Licensee than is otherwise provided by statutory and Common law.

12. This Agreement shall be binding upon the parties, their heirs, legal representatives, successors and assigns, but shall not be assignable or transferable by Licensee without the prior written approval of the Department, which shall not be unreasonably withheld.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized officials as of the date first above written.

SIGNATURES

ATTEST:

Chas J. Aund

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

By Kenneth M. Muir  
CHIEF

DIVISION OF WETLANDS, ENCROACHMENTS  
AND TRAINING  
BUREAU OF WATERWAYS ENGINEERING  
AND WETLANDS

Transcontinental Gas Pipe Line Company, LLC  
Licensee's Business Name

(When Licensee is a corporation):

ATTEST:

\_\_\_\_\_  
(Signature) Secretary/Treasurer

By \_\_\_\_\_  
(Signature) President/Vice-President

\_\_\_\_\_  
(Print Name & Title) Secretary/Treasurer

By \_\_\_\_\_  
(Print Name & Title) President/Vice-President

(Corporate Seal)

(When a Licensee is an LLC):

Helen Dworsky  
(Signature) Witness

By Rory Miller  
(Signature) Member/Manager

HELEN DWORSKY, EXEC ASST.  
(Print Name & Title) Witness

By Rory Miller, SUP  
(Print Name & Title) Member/Manager

Transcontinental Gas Pipe Line Company, LLC  
Licensee's Business Name

(When Licensee is a partnership):

\_\_\_\_\_  
Witness

\_\_\_\_\_  
(Print Name & Title)      Witness

\_\_\_\_\_  
Witness

\_\_\_\_\_  
(Print Name & Title)      Witness

\_\_\_\_\_  
Witness

\_\_\_\_\_  
(Print Name & Title)      Witness

By \_\_\_\_\_  
Partner's Signature

By \_\_\_\_\_  
(Print Name & Title)      Partner's Name

By \_\_\_\_\_  
Partner's Signature

By \_\_\_\_\_  
(Print Name & Title)      Partner's Name

By \_\_\_\_\_  
Partner's Signature

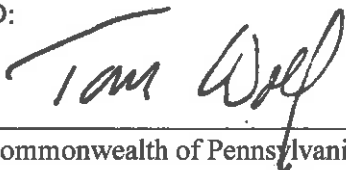
By \_\_\_\_\_  
(Print Name & Title)      Partner's Name

(When Licensee is an individual):

\_\_\_\_\_  
Witness

By \_\_\_\_\_  
Licensee's Signature

APPROVED:

By   
\_\_\_\_\_  
Governor, Commonwealth of Pennsylvania

Approved as to legality and form:

\_\_\_\_\_  
Pre-approved  
Office of Attorney General

  
\_\_\_\_\_  
Chief/Assistant Counsel  
Department of Environmental Protection