Atlantic Sunrise Project – PA DEP Chapter 105 Joint Permit Application Transcontinental Gas Pipe Line Company, LLC Luzerne County

ATTACHMENT O -1 FLOODPLAIN ANALYSIS AND CONSISTENCY

Atlantic Sunrise Project – PA DEP Chapter 105 Joint Permit Application Transcontinental Gas Pipe Line Company, LLC Luzerne County

Please refer to Attachment C of this application for copies of the letters and consistency requests which have been sent to each County and Municipality. Floodplain management analysis letters that have been provided to the County / Municipality, as well as any concurrence letters received at the time of the application submittal, have been included in this section. Additional concurrence letters will be provided upon receipt; however, because this Project is subject to the jurisdiction of the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act, FERC has exclusive jurisdiction over siting. Therefore, local zoning is preempted.



October 26, 2016

Dallas Township Floodplain Administrator 2919 State Route 309 Highway Dallas, PA 18612

Re: Atlantic Sunrise Project Central Penn Line North Dallas Township, Luzerne County Floodplain Management Analysis

Dear Sir or Madam:

Transcontinental Gas Pipeline Company, LLC (Transco) proposes to construct and operate the Atlantic Sunrise Project (Project) to provide 1.7 million dekatherms per day of incremental firm transportation of natural gas from the Marcellus Shale production areas in northern Pennsylvania (PA) to its existing market areas, extending to as far south as the Station 85 Pooling Point in Choctaw County, Alabama. The Project includes modifications to the existing Transco Mainline System to reverse the direction of flow, enabling new north-to-south capabilities (bi-directional flow) to transport this new source of natural gas to existing markets. The Project consists of the following primary components within PA:

- Installing greenfield pipeline facilities of approximately 58.6 miles of new 30-inch-diameter pipe from Susquehanna County, PA to Columbia County, PA.
- Installing greenfield pipeline facilities of approximately 127.3 miles of 42-inch-diameter pipe from Columbia County, PA to Lancaster County, PA.;
- Installing two pipeline loops (pipeline laid parallel to existing facilities):
 - o 8.56 miles of 42-inch pipeline loop located in Lycoming County, PA known as the Unity Loop;
 - o 2.50 miles of 36-inch pipeline in Clinton County, PA, known as the Chapman Loop:
- Constructing two new compressor stations, one in Wyoming County and one in Columbia County, PA;
- Additional ancillary facilities, such as mainline valves, cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers;
- Two new meter stations and three new regulator stations with interconnecting piping;
- Additional compression and related modifications to one existing compressor station; and,
- Modification to an existing meter station for use of shared facilities with a new meter station.

Transco's consultants, BL Companies and TRC Solutions (TRC), have completed an analysis of potential impacts on FEMA delineated floodways from the Project in accordance with 25 Pa. Code § 105.13. The analysis for Dallas Township is provided below for your review and comment.

Dallas Township October 26, 2016 BL Project No. 14C4909 Page 1 of 2

ATLANTIC SUNRISE PROJECT FEMA FLOODPLAIN CROSSINGS DALLAS TOWNSHIP, LUZERNE COUNTY, PENNSYLVANIA

Description	Structure		Resource	Chapter 93 Classification, Wetland	Floodway	Impact area (acres)			
of Impact	Type and Dimensions	Resource ID	Name	Classification (EV or Other), or Floodway Type	Fill (cu. yds.)	Temporary	Permanent	Latitude	Longitude
Temporary Road Crossing	Equipment Access and E&S Controls	WW-T24- 18001	Floodway to Paint Spring Run	FEMA Detailed	11.94 ¹	0.0033	0.0	41.37692	-76.08008

Notes:

The floodway crossings listed above are depicted on the enclosed plans from the Project's PADEP Chapter 105 Permit Application.

Please note that construction activities are not expected to create permanent loss of flood storage capacity or hydraulic capacity, as all pre-construction surface elevations will be re-established during restoration. The temporary and permanent impacts noted above are associated with vegetation management and underground pipe installation and temporary access road grading only, and do not represent a permanent modification of ground elevation or loss of flood storage capacity or hydraulic capacity. No structures are proposed within the FEMA 100-year floodplain, no permanent fill will be placed in the floodways, and no increase in 100-year flood elevation is anticipated as a result of the proposed Project.

On behalf of Transco, BL and TRC respectfully request that Dallas Township review this analysis and, if applicable, provide comments to:

Steve Crescenzo TRC Environmental Corporation 2200 Liberty Avenue, Suite 100 Pittsburgh, PA 15222

<u>Please do not send comments directly to the PADEP</u>, as we must include them with our permit application. Should you have any questions or concerns regarding this notification, please contact Al Busher at (717)-651-9850 or via email at abusher@blcompanies.com.

Sincerely,

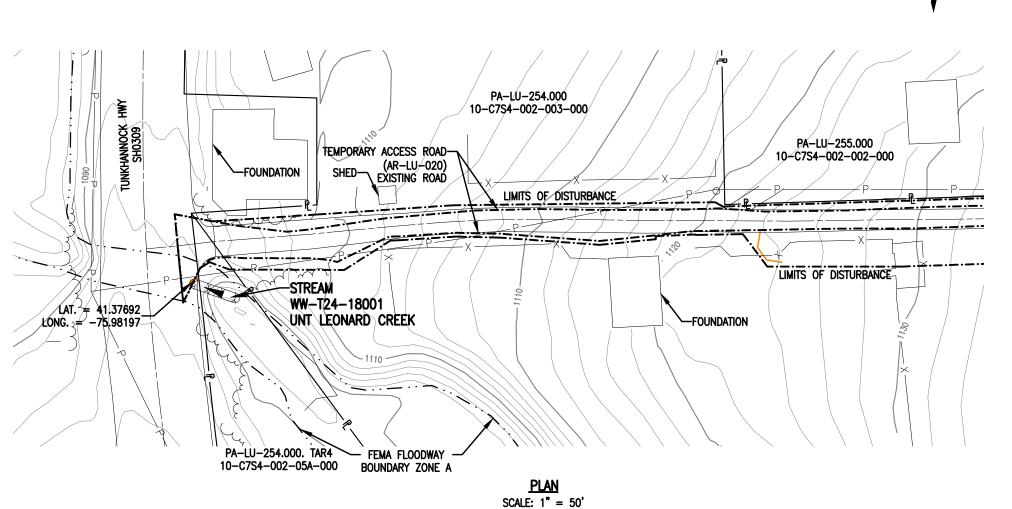
Alaric J. Busher, PE Senior Engineer

· ·

Enclosures: Water Obstruction and Encroachment Permit Impact Maps

Dallas Township October 26, 2016 BL Project No. 14C4909 Page 2 of 2

¹ Floodway fill is associated with a temporary access road. Pre development contours will be restored prior to permit termination.



STREAM DISTURBANCE:

STREAM WW-T24-18001 (HQ)	ACRE
TEMPORARY STREAM DISTURBANCE	0.0001
PERMANENT STREAM DISTURBANCE	0.0000
TOTAL STREAM DISTURBANCE	0.0001
TEMPORARY FLOODWAY DISTURBANCE	0.0033
PERMANENT FLOODWAY DISTURBANCE	0.0000
TOTAL FLOODWAY DISTURBANCE	0.0033

STREAM DIMENSION	FT.
STREAM WIDTH (TOB TO TOB)	1.49
STREAM LENGTH	4.56

GENERAL NOTES:

- 1. STREAM DOES NOT CROSS PROPOSED ACCESS ROAD.
- 2. THIS SITE IS LOCATED WITHIN THE 100 YEAR FLOOD PLAIN PER FEMA FLOOD MAP DATA.

SURVEY NOTES:

1. T.B.M. SURVEY CONTROL POINT - 19' LT. OF M.P. 25.55, ELEV. = 1116.75' (NAVD88).

50

150

100

					COALE IN FEFT
PROPOSED 30" CENTRAL PENN L	INE NORTH P WETLAND FLAGS METLAND DATA POINT METLAND DATA POINT WELL POINT TRENCH PLUG	WOOD GROUP MUSTANG, INC. — SS—————————————————————————————————	DRAWING NO.	REFERENCE TITLE	TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC WATER OBSTRUCTION AND ENCROACHMENT PERMIT IMPACT MAPS ATLANTIC SUNRISE PROJECT PROPOSED 30" CENTRAL PENN LINE NORTH STREAM CROSSING WW—T24—18001 • M—0142 M.P. 0.00 DALLAS TOWNSHIP, LUZERNE COUNTY, PENNSYLVANIA
WETLAND AREA	WATERBODY	TOP OF BANK	NO. DATE BY	REVISION DESCRIPTION W.O. NO. CHK. A	1 35
STREAM FLOW	TREE LINE	PERMANENT STREAM IMPACT	0 10/19/16 LL IS	SSUED FOR PADEP SUBMITTAL #2 1161481 CLR M	JH CHECKED BY: ML DATE: 07/06/16 ISSUED FOR CONSTRUCTION: REVISION: 0
STREAM FLOW EXISTING POWER LINE EXISTING FENCE	FLOODWAY BOUNDARY FEMA FLOODWAY BOUNDAR	TEMPORARY STREAM IMPACT			APPROVED BY: MJH DATE: 07/06/16 DRAWING 24-1601-70-09-A/AR-LU-020-01 SHEET 1 W0: 1161481 DRAWING 24-1601-70-09-A/AR-LU-020-014mg OF 1 VALUE 10/25/2016 13/2 VA



October 26, 2016

Fairmount Township Floodplain Administrator 362 Municipal Road Benton, PA 17814

Re: Atlantic Sunrise Project Central Penn Line North Fairmount Township, Luzerne County Floodplain Management Analysis

Dear Sir or Madam:

Transcontinental Gas Pipeline Company, LLC (Transco) proposes to construct and operate the Atlantic Sunrise Project (Project) to provide 1.7 million dekatherms per day of incremental firm transportation of natural gas from the Marcellus Shale production areas in northern Pennsylvania (PA) to its existing market areas, extending to as far south as the Station 85 Pooling Point in Choctaw County, Alabama. The Project includes modifications to the existing Transco Mainline System to reverse the direction of flow, enabling new north-to-south capabilities (bi-directional flow) to transport this new source of natural gas to existing markets. The Project consists of the following primary components within PA:

- Installing greenfield pipeline facilities of approximately 58.6 miles of new 30-inch-diameter pipe from Susquehanna County, PA to Columbia County, PA.
- Installing greenfield pipeline facilities of approximately 127.3 miles of 42-inch-diameter pipe from Columbia County, PA to Lancaster County, PA.;
- Installing two pipeline loops (pipeline laid parallel to existing facilities):
 - o 8.56 miles of 42-inch pipeline loop located in Lycoming County, PA known as the Unity Loop;
 - o 2.50 miles of 36-inch pipeline in Clinton County, PA, known as the Chapman Loop:
- Constructing two new compressor stations, one in Wyoming County and one in Columbia County, PA;
- Additional ancillary facilities, such as mainline valves, cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers;
- Two new meter stations and three new regulator stations with interconnecting piping;
- Additional compression and related modifications to one existing compressor station; and,
- Modification to an existing meter station for use of shared facilities with a new meter station.

Transco's consultants, BL Companies and TRC Solutions (TRC), have completed an analysis of potential impacts on FEMA delineated floodways from the Project in accordance with 25 Pa. Code § 105.13. The analysis for Chapman Township is provided below for your review and comment.

Fairmount Township August 31, 2015 BL Project No. 14C4909 Page 1 of 3

ATLANTIC SUNRISE PROJECT FEMA FLOODPLAIN CROSSINGS FAIRMOUNT TOWNSHIP, LUZERNE COUNTY, PENNSYLVANIA

Description of Impact	Structure Type and	Resource ID	Resource Name			Classification, Wetland Classification		Classification, Wetland Floodway Classification Fill		-		Latitude	Longitude
of Impact	Dimensions		ranc	(EV or Other), or Floodway Type	(cu. yds.)	Permanent	Temporary						
Utility Pipeline Crossing	Equipment Access and E&S Controls	WW-T02- 15016	Floodway to Marsh Run	FEMA Detailed	N/A	0.0200^2	0.0004	41.28429	-76.31139				
Utility Pipeline Crossing	Equipment Access and E&S Controls	WW-T02- 15017	Floodway to Maple Run	FEMA Detailed ¹	N/A	0.4061 ²	0.0142	41.28609	-76.29438				
Utility Pipeline Crossing	Equipment Access and E&S Controls	WW-T02- 15018	Floodway to Kitchen Creek	FEMA Detailed	N/A	0.0219^2	0.0006	41.29065	-76.27004				
Utility Pipeline Crossing	Equipment Access and E&S Controls	WW-T24- 15001	Floodway to Crooked Creek	FEMA Detailed	N/A	0.06282	0.0056	41.29122	-76.26780				
Utility Pipeline Crossing	Equipment Access and E&S Controls	WW-T02- 16002	Floodway to Phillips Creek	FEMA Detailed	N/A	0.12752	0.0057	41.29814	-76.23494				
Utility Pipeline Crossing	Equipment Access and E&S Controls	WW-T05- 16003	Floodway to Lick Branch	FEMA Detailed	N/A	0.1599 ²	0.0187	41.30103	-76.21739				

Notes:

The floodway crossings listed above are depicted on the enclosed plans from the Project's PADEP Chapter 105 Permit Application.

Please note that construction activities are not expected to create permanent loss of flood storage capacity or hydraulic capacity, as all pre-construction surface elevations will be re-established during restoration. The temporary and permanent impacts noted above are associated with vegetation management and underground pipe installation only, and do not represent a permanent modification of ground elevation or loss of flood storage capacity or hydraulic capacity. No structures are proposed within the FEMA 100-year floodplain, no fill will be placed in the floodways, and no increase in 100-year flood elevation is anticipated as a result of the proposed Project.

On behalf of Transco, BL and TRC respectfully request that Fairmount Township review this analysis and, if applicable, provide comments to:

Steve Crescenzo TRC Environmental Corporation 2200 Liberty Avenue, Suite 100 Pittsburgh, PA 15222

<u>Please do not send comments directly to the PADEP</u>, as we must include them with our permit application. Should you have any questions or concerns regarding this notification, please contact Al Busher at (717)-651-9850 or via email at abusher@blcompanies.com.

Fairmount Township August 31, 2015 BL Project No. 14C4909 Page 2 of 3

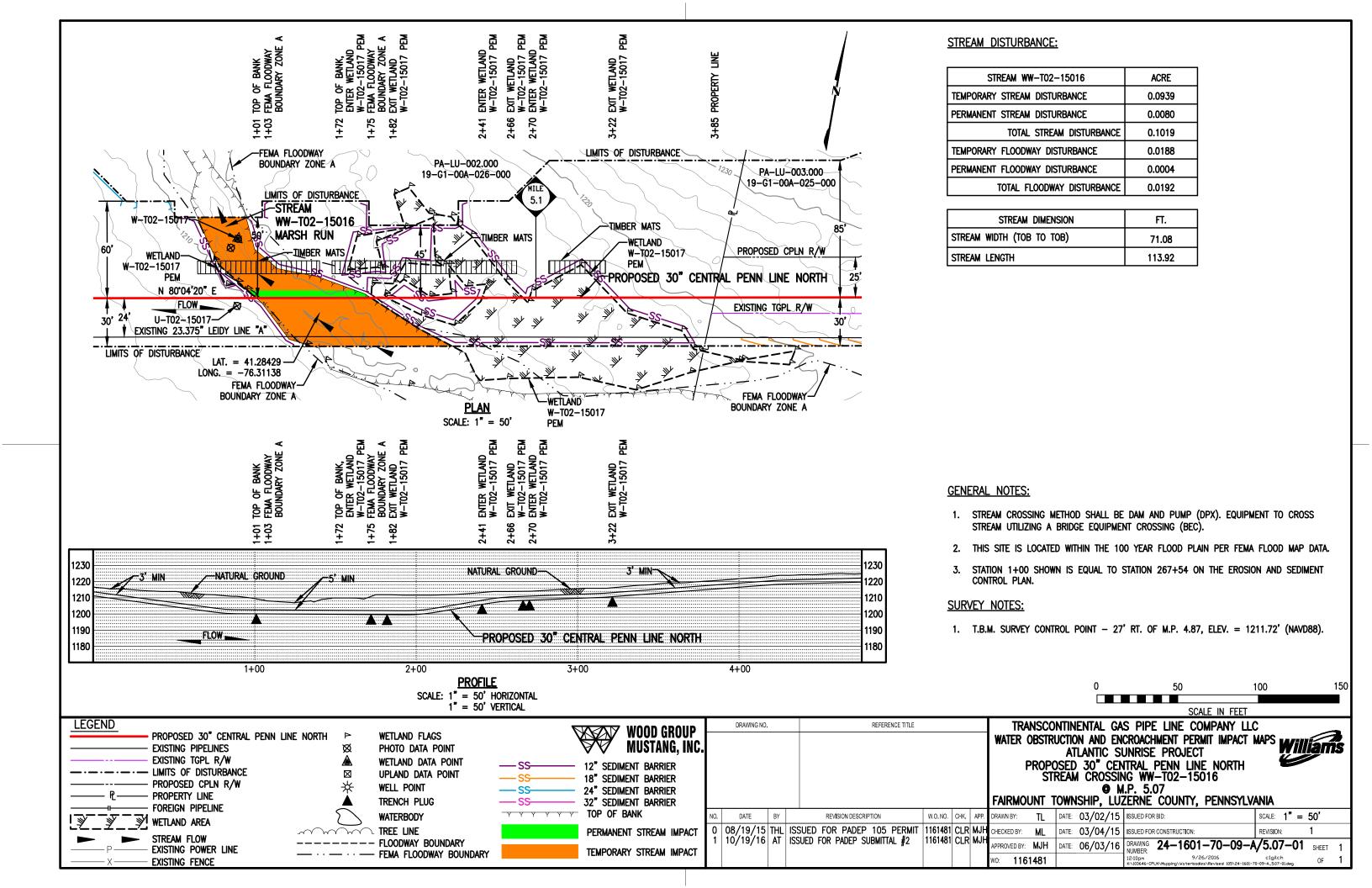
¹ Multiple streams are included in these calculations as the floodways overlap.

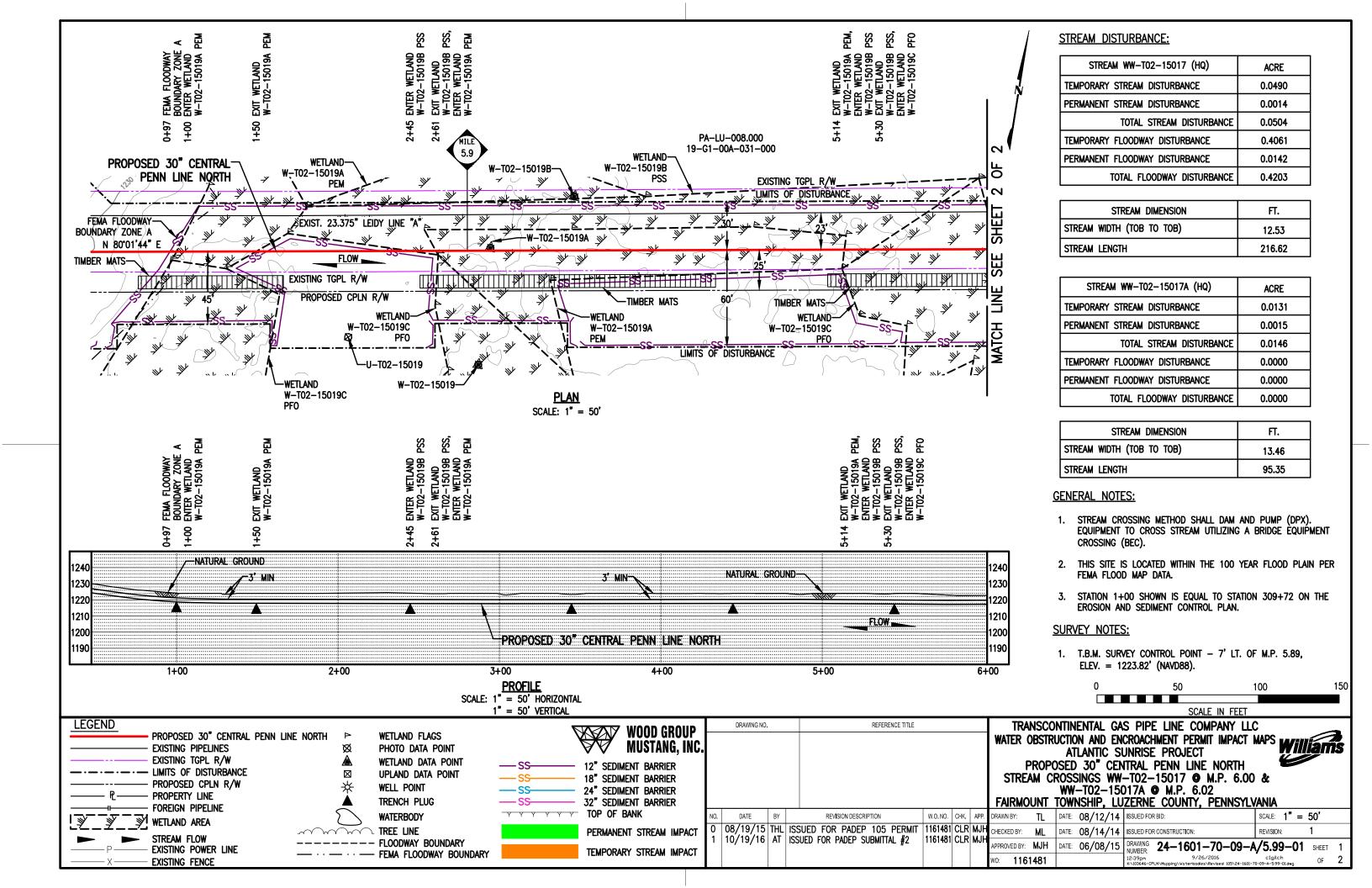
² Permanent impacts associated with utility pipeline crossings are based on the permanent pipe footprint within the floodplain (pipe trench width x pipe crossing length). No permanent alternation to the floodway contours and elevation is associated with these permanent impacts.

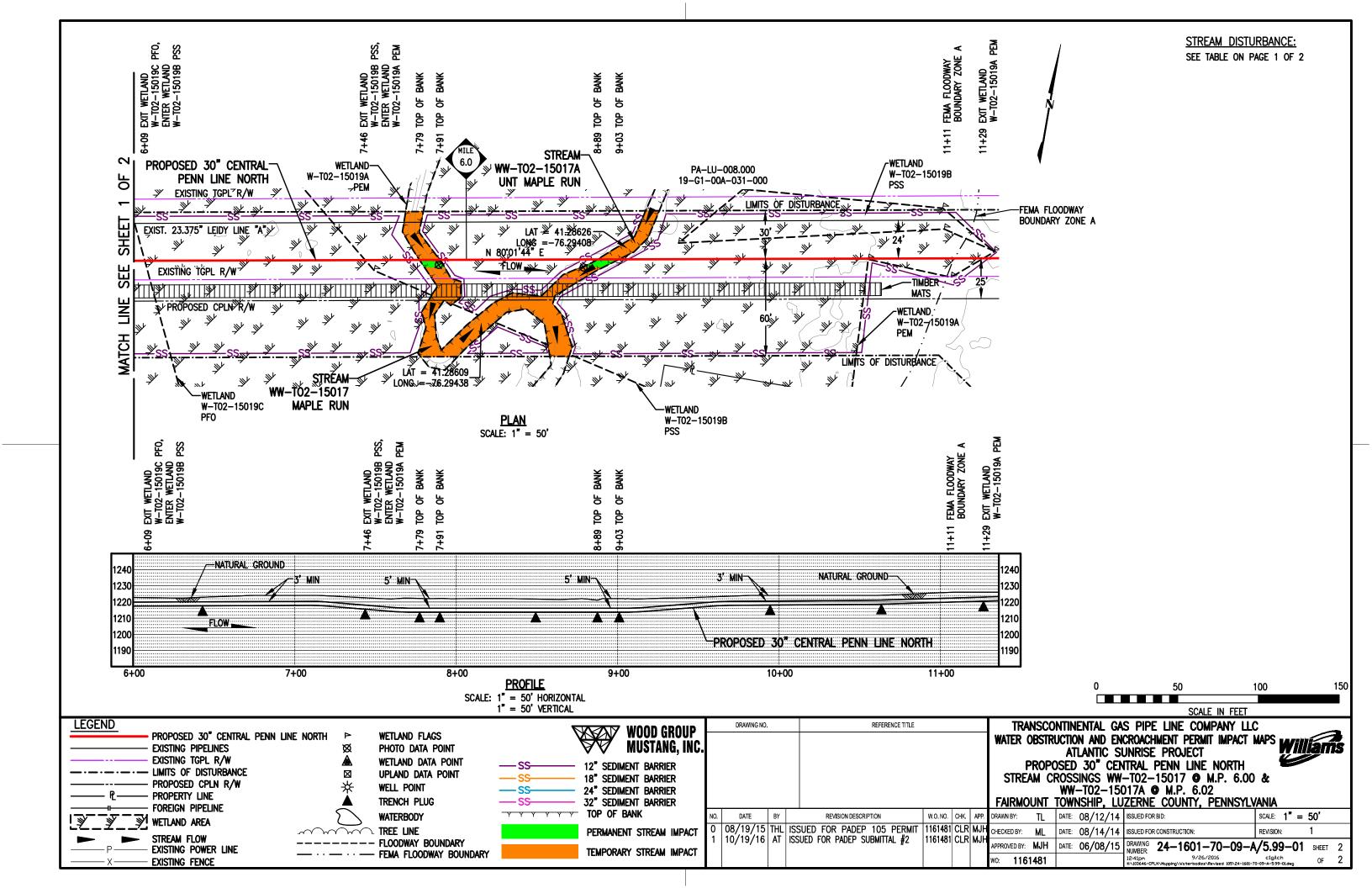
Sincerely,

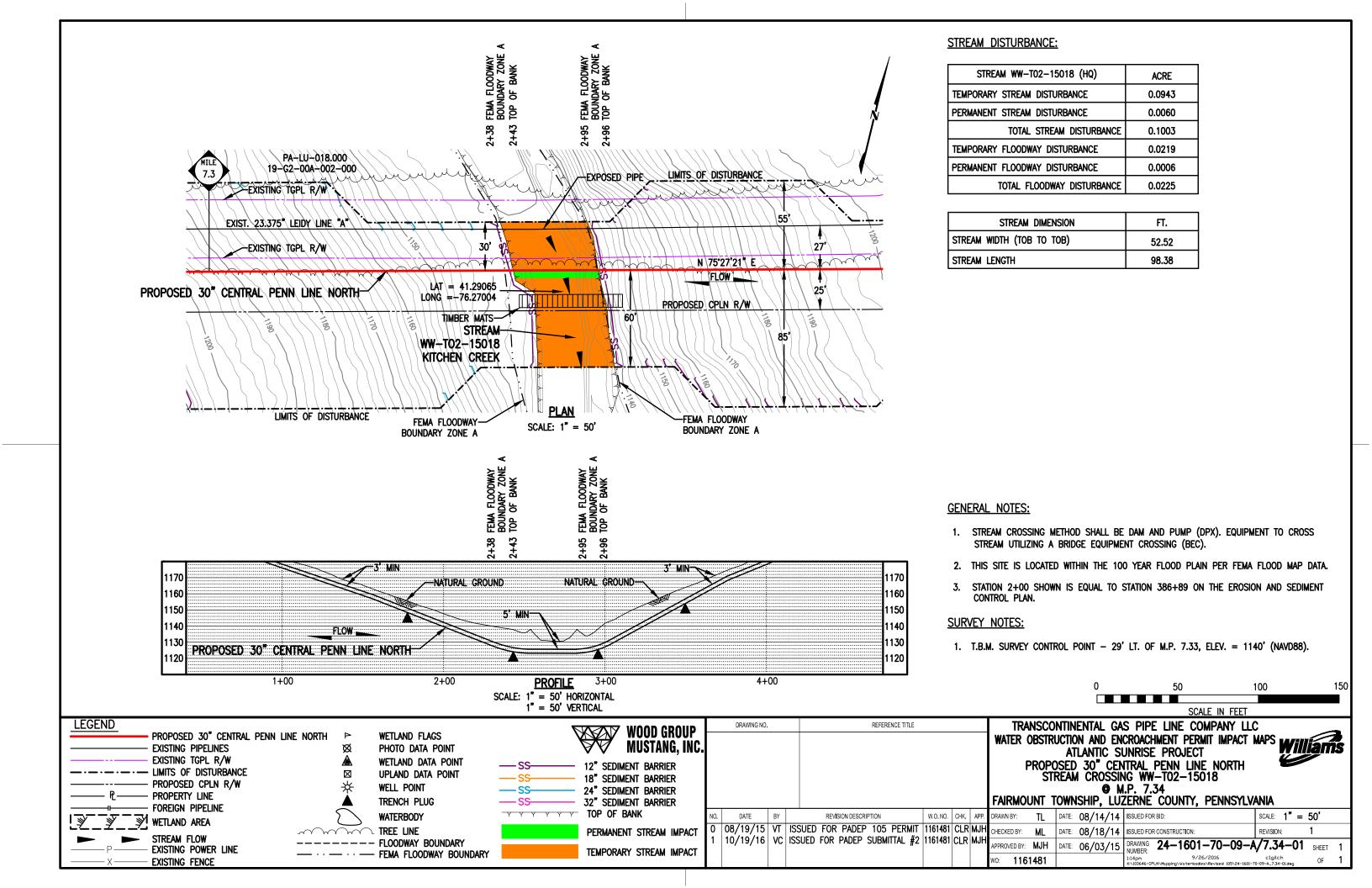
Alaric J. Busher, PE Senior Engineer

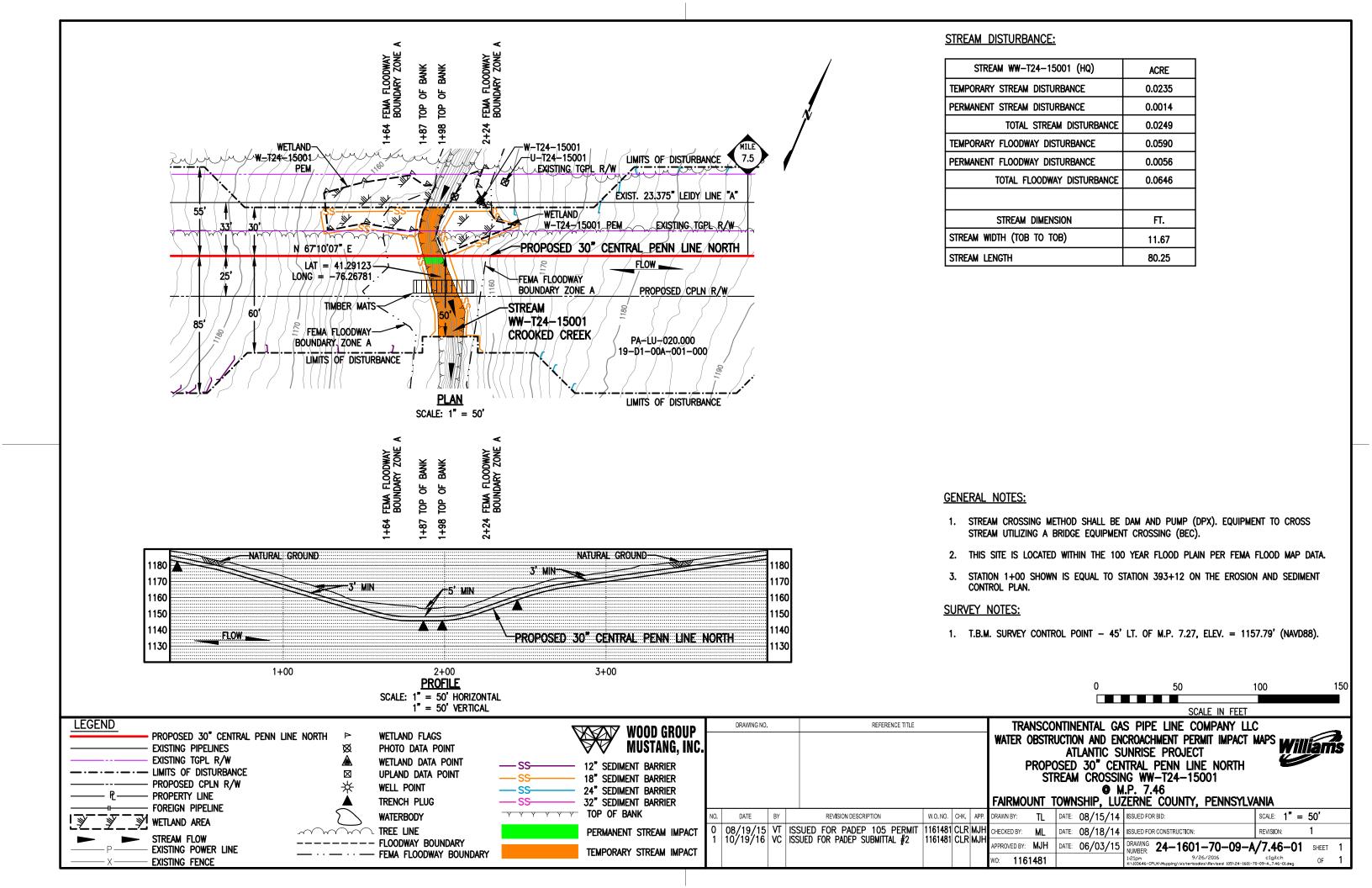
Enclosures: Water Obstruction and Encroachment Permit Impact Maps

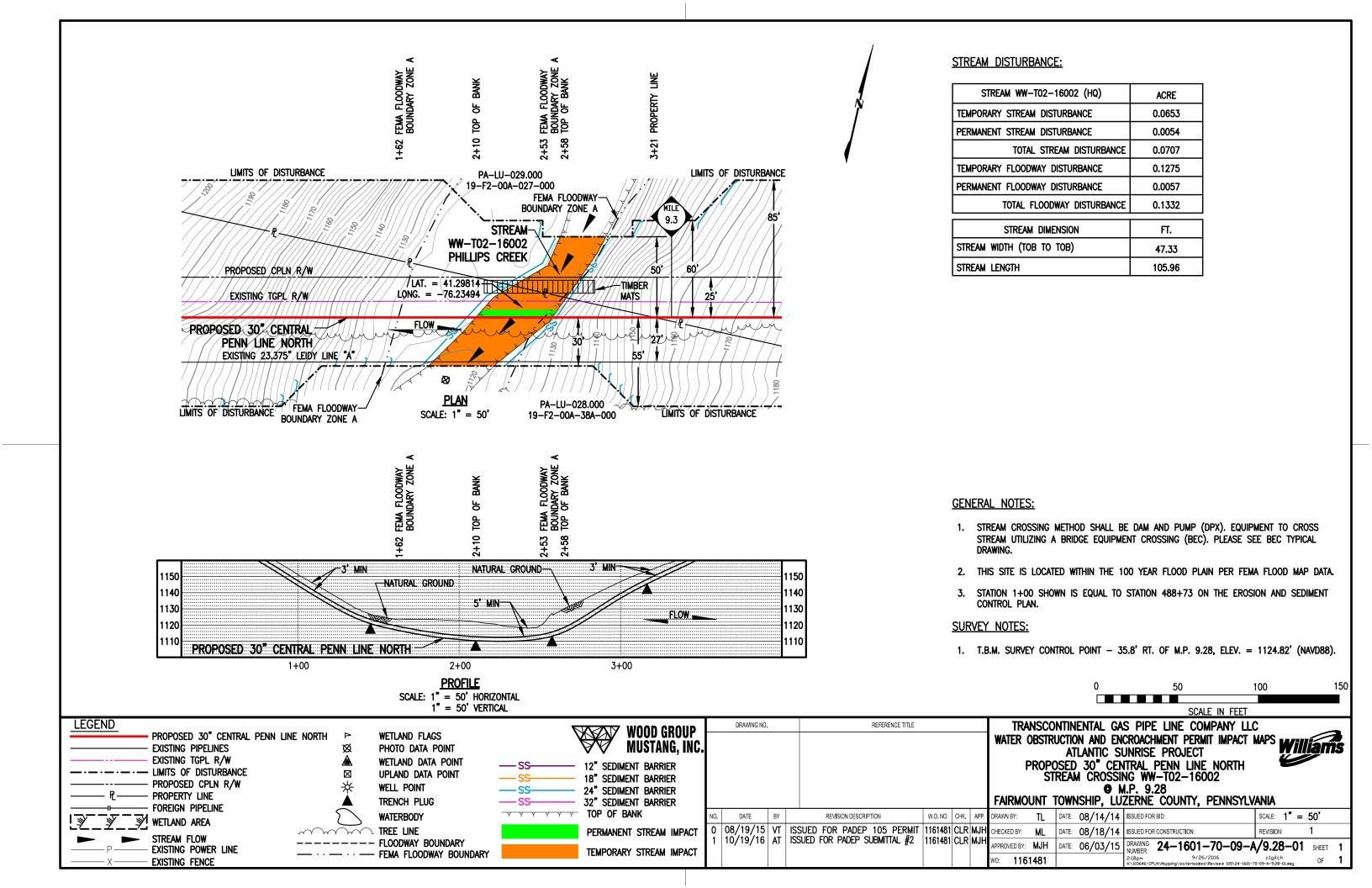


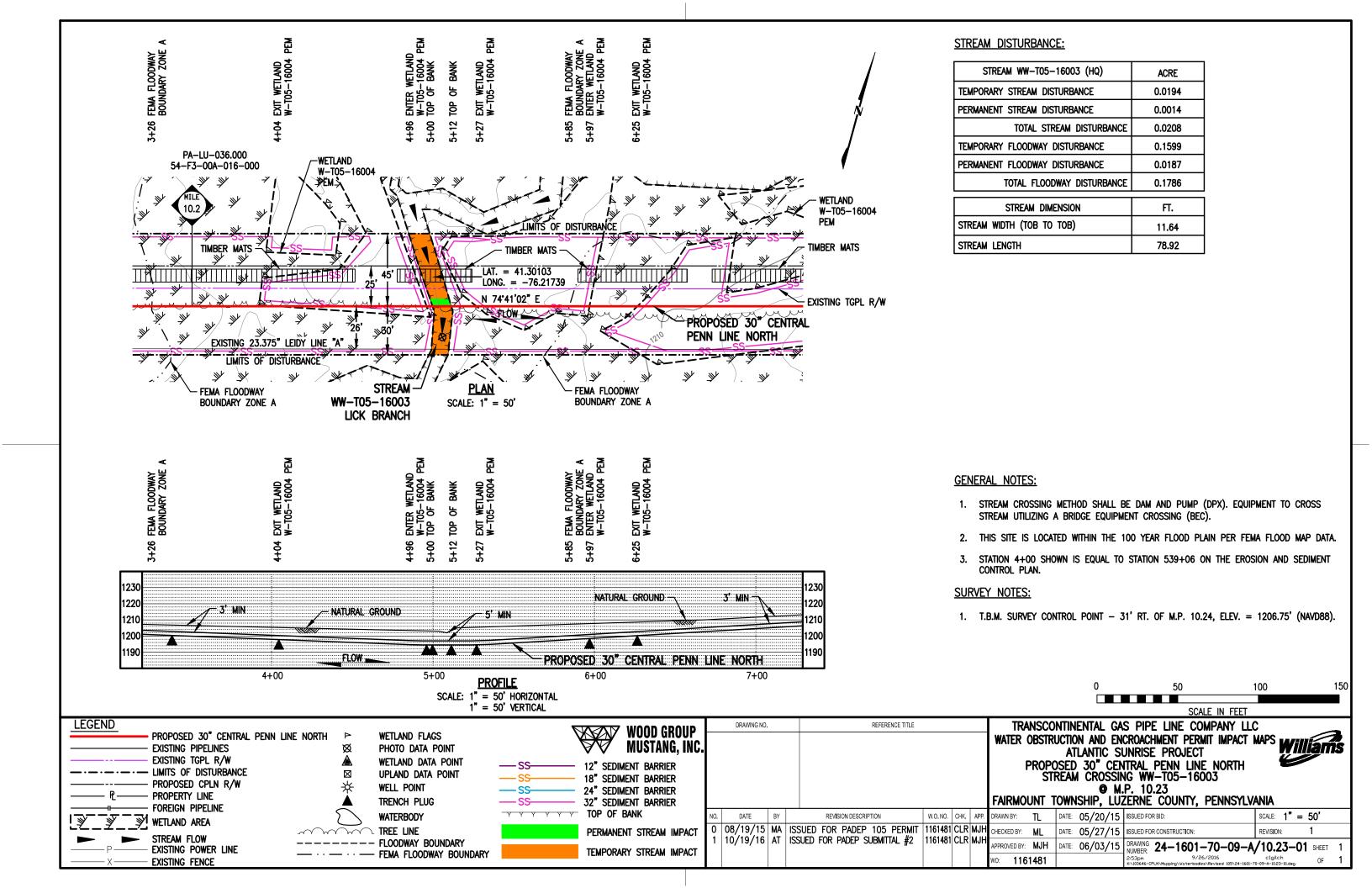














October 26, 2016

Lake Township Floodplain Administrator 488 State Route 29 Harvey's Lake, PA 18618

Re: Atlantic Sunrise Project Central Penn Line North Lake Township, Luzerne County Floodplain Management Analysis

Dear Sir or Madam:

Transcontinental Gas Pipeline Company, LLC (Transco) proposes to construct and operate the Atlantic Sunrise Project (Project) to provide 1.7 million dekatherms per day of incremental firm transportation of natural gas from the Marcellus Shale production areas in northern Pennsylvania (PA) to its existing market areas, extending to as far south as the Station 85 Pooling Point in Choctaw County, Alabama. The Project includes modifications to the existing Transco Mainline System to reverse the direction of flow, enabling new north-to-south capabilities (bi-directional flow) to transport this new source of natural gas to existing markets. The Project consists of the following primary components within PA:

- Installing greenfield pipeline facilities of approximately 58.6 miles of new 30-inch-diameter pipe from Susquehanna County, PA to Columbia County, PA.
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- Installing two pipeline loops (pipeline laid parallel to existing facilities):
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- Constructing two new compressor stations, one in Wyoming County and one in Columbia County, PA;
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- Two new meter stations and three new regulator stations with interconnecting piping;
- Additional compression and related modifications to one existing compressor station; and,
- Modification to an existing meter station for use of shared facilities with a new meter station.

Transco's consultants, BL Companies and TRC Solutions (TRC), have completed an analysis of potential impacts on FEMA delineated floodways from the Project in accordance with 25 Pa. Code § 105.13. The analysis for Lake Township is provided below for your review and comment.

Lake Township October 26, 2016 BL Project No. 14C4909 Page 1 of 3

ATLANTIC SUNRISE PROJECT FEMA FLOODPLAIN CROSSINGS LAKE TOWNSHIP, LUZERNE COUNTY, PENNSYLVANIA

Description	Structure		Resource	Chapter 93 Classification, Wetland	Floodway	Impact area (acres)			
of Impact	Type and Dimensions	Resource ID	Name	Classification (EV or Other), or Floodway Type	Fill (cu. yds.)	Temporary	Permanent	Latitude	Longitude
Utility Pipeline Crossing	Equipment Access and E&S Controls	WW-T03- 17008	Floodway to Pikes Creek	FEMA Detailed ¹	N/A	0.1475	0.0067 ³	41.31990	-76.09825
Utility Pipeline Crossing	Equipment Access and E&S Controls	WW-T03- 17005	Floodway to Paint Spring Run	FEMA Detailed	N/A	0.0788	0.0065^3	41.32433	-76.07999
Temporary Road Crossing	Equipment Access and E&S Controls	WW-T03- 17005	Floodway to Paint Spring Run	FEMA Detailed	28.69 ²	0.0116	0.0	41.32450	-76.08008
Utility Pipeline Crossing	Equipment Access and E&S Controls	WW-T03- 17004	Floodway to Harveys Creek	FEMA Detailed	N/A	0.0505	0.00283	41.32608	-76.07080

Notes:

The floodway crossings listed above are depicted on the enclosed plans from the Project's PADEP Chapter 105 Permit Application.

Please note that construction activities are not expected to create permanent loss of flood storage capacity or hydraulic capacity, as all pre-construction surface elevations will be re-established during restoration. The temporary and permanent impacts noted above are associated with vegetation management and underground pipe installation and temporary access road grading only, and do not represent a permanent modification of ground elevation or loss of flood storage capacity or hydraulic capacity. No structures are proposed within the FEMA 100-year floodplain, no permanent fill will be placed in the floodways, and no increase in 100-year flood elevation is anticipated as a result of the proposed Project.

On behalf of Transco, BL and TRC respectfully request that Lake Township review this analysis and, if applicable, provide comments to:

Steve Crescenzo TRC Environmental Corporation 2200 Liberty Avenue, Suite 100 Pittsburgh, PA 15222

<u>Please do not send comments directly to the PADEP</u>, as we must include them with our permit application. Should you have any questions or concerns regarding this notification, please contact Al Busher at (717)-651-9850 or via email at <u>abusher@blcompanies.com</u>.

Sincerely,

Lake Township October 26, 2016

BL Project No. 14C4909

Page 2 of 3

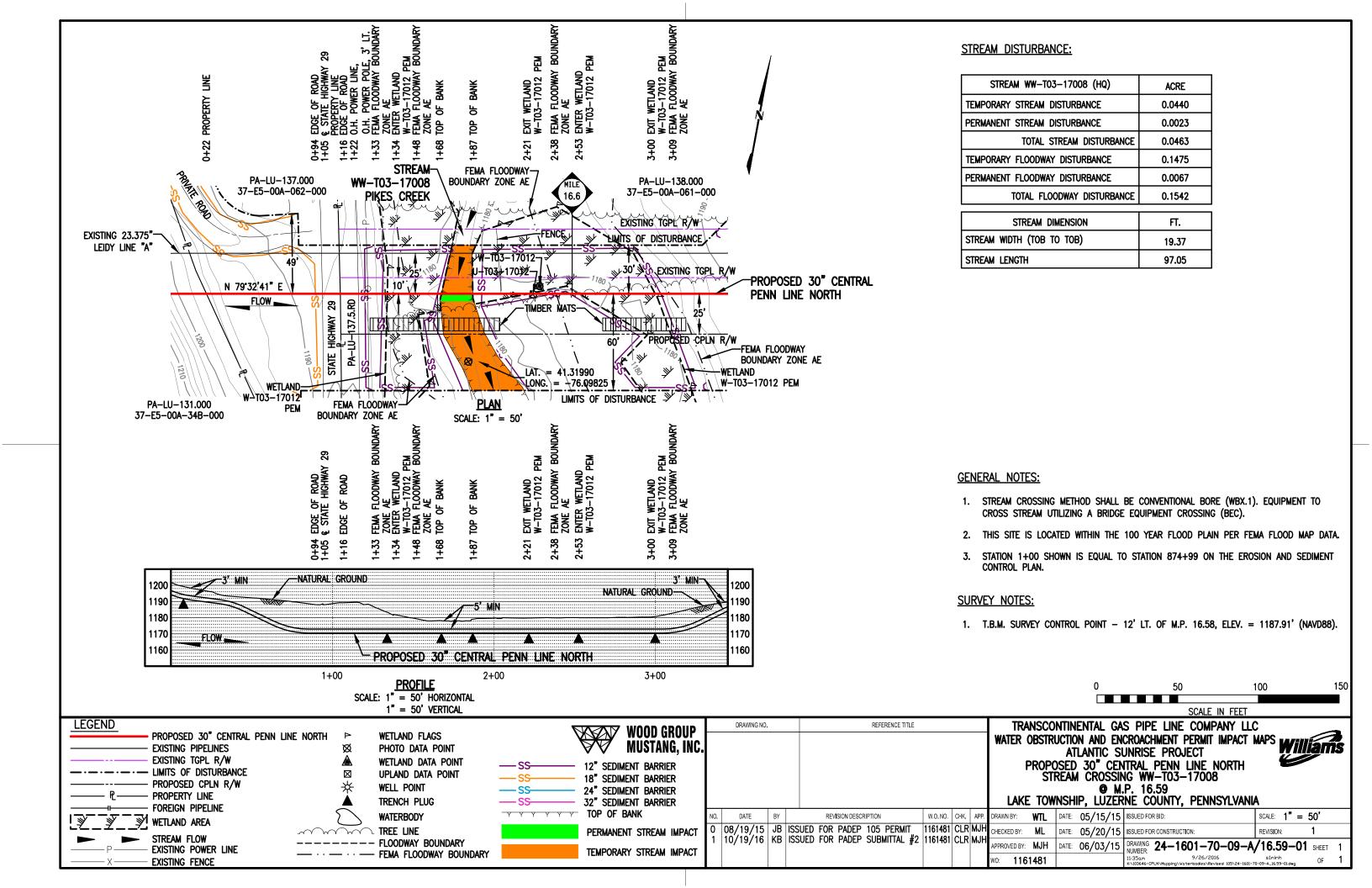
¹ Multiple streams are included in these calculations as the floodways overlap.

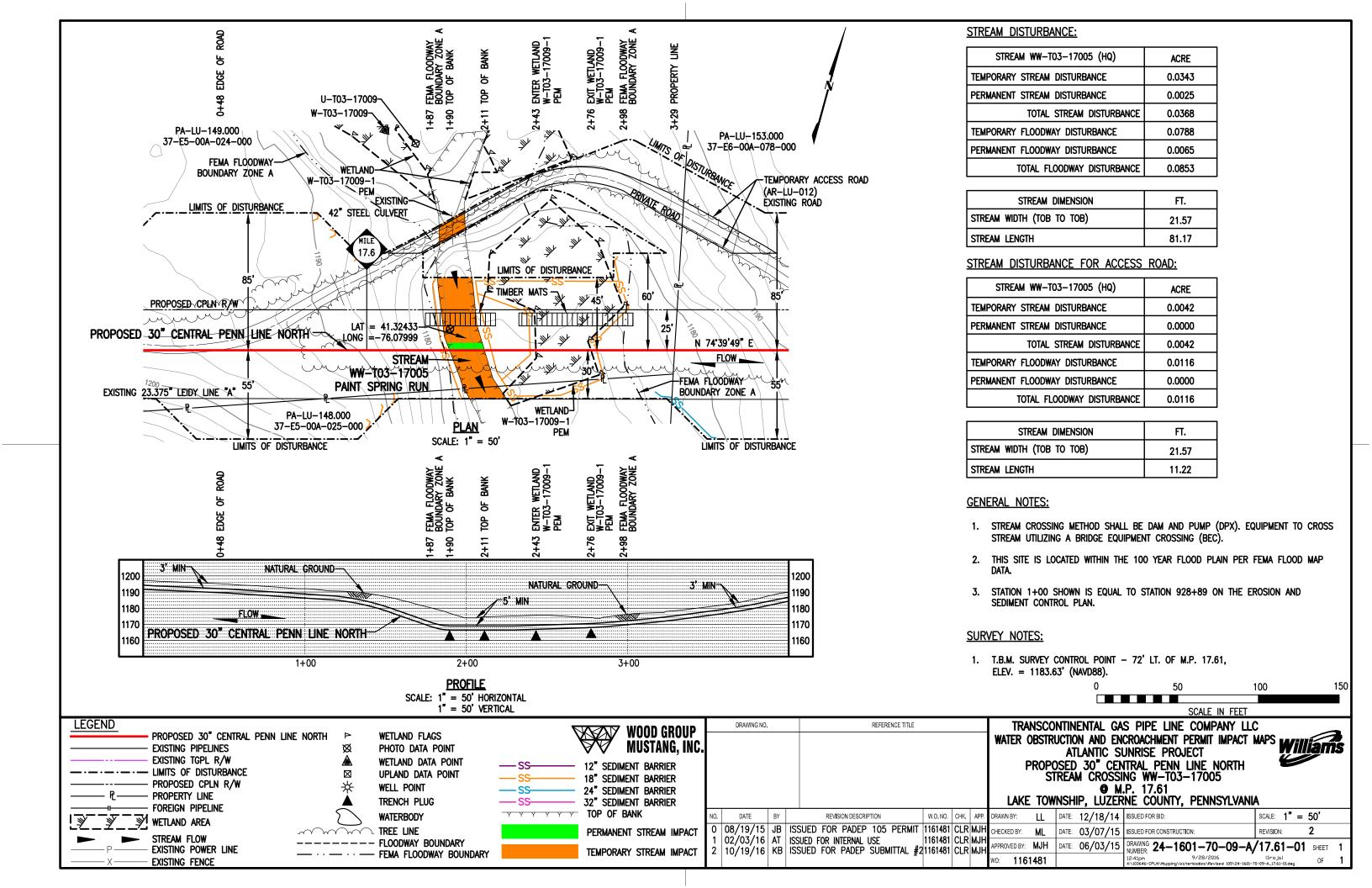
² Floodway fill is associated with a temporary access road. Pre development contours will be restored prior to permit termination.

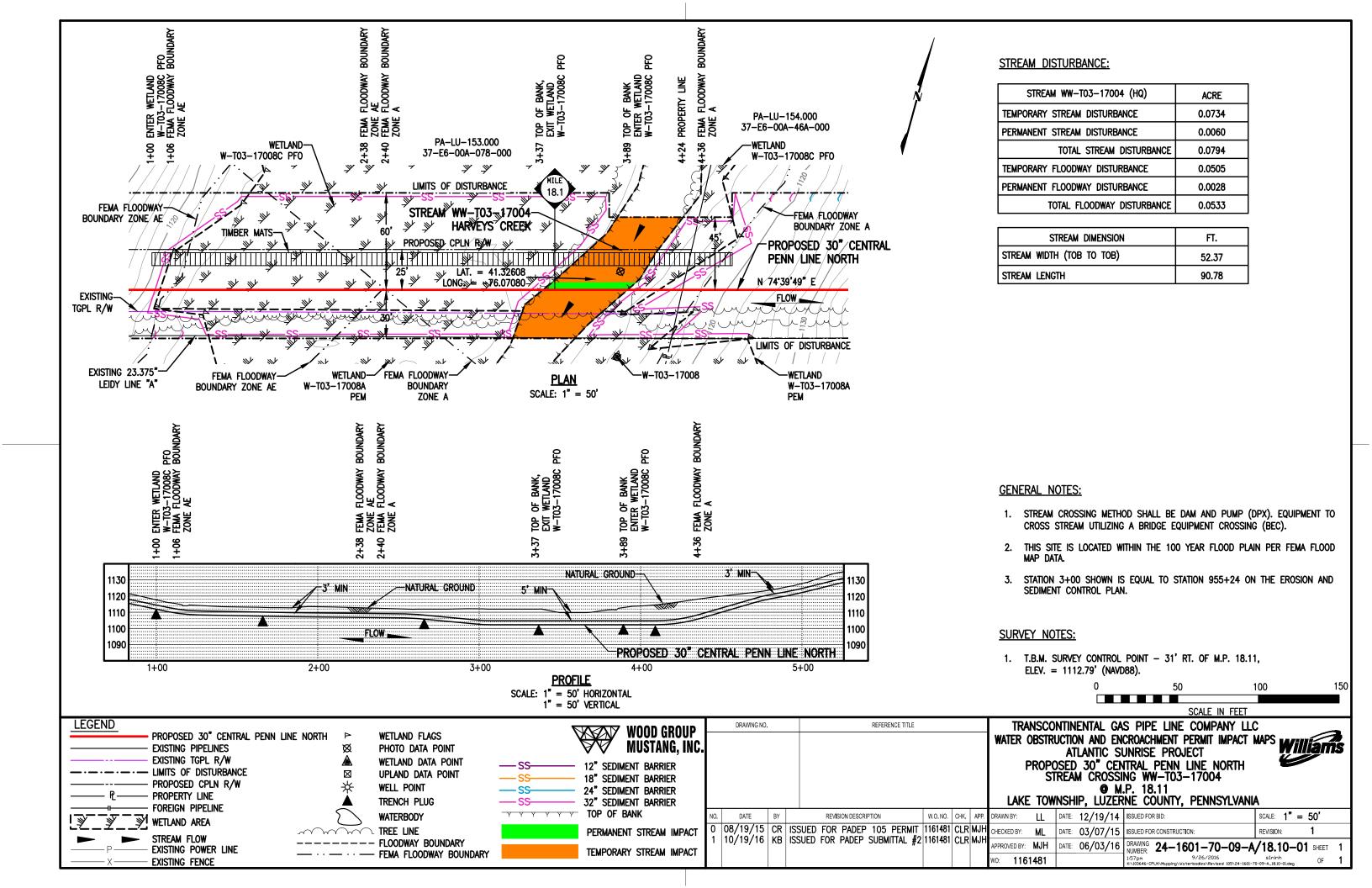
³ Permanent impacts associated with utility pipeline crossings are based on the permanent pipe footprint within the floodplain (pipe trench width x pipe crossing length). No permanent alternation to the floodway contours and elevation is associated with these permanent impacts.

Alaric J. Busher, PE Senior Engineer

Enclosures: Water Obstruction and Encroachment Permit Impact Maps









Liberty Technology Center 2200 Liberty Avenue, Suite 100 Pittsburgh, PA 15222

412.713.7100 PHONE 412.471.2348 FAX

www.trcsolutions.com

October 26, 2016

Plains Township Board of Commissioners Attn: Kathleen O'Boyle, Secretary 126 North Main Street Plains, PA 18705 (570) 829-3439

Re: Atlantic Sunrise Project

PADEP Application No. E40-769
Plains Township, Luzerne County
Stormwater Management Consistency

Dear Plains Township Commissioners:

On behalf of the Transcontinental Gas Pipeline Company, LLC, a subsidiary of Williams Partners L.P. (Williams) TRC Solutions and BL Companies, Inc. (BL) are providing one copy each of the Erosion and Sediment Control (E&SC) Plans, Site Restoration Plan (SR) Plan, and related narrative for Williams' Atlantic Sunrise Project (Project) temporary contractor yard CY-LU-2-05 that is located within Plains Township, Luzerne County. These plans and narrative are planned to be submitted to the Pennsylvania Department of Environmental Protection (PADEP) and Luzerne County Conservation District as part of Williams' Erosion and Sediment Control General Permit 2 and Chapter 105 Water Obstruction and Encroachment packages for the proposed Project.

A stormwater management consistency letter from Plains Township commenting on the stormwater management analysis is required as part of the Chapter 105 Application package; therefore, we respectfully request that Plains Township review the attached plans and narratives and provide a response within 30 days of the receipt of this letter indicating consistency with respect to the Township's stormwater management ordinances. Should you have any questions or comments, please contact Al Busher of BL at (717) 651-9850 or abusher@blcompanies.com or me at (412) 713-7117 or screscenzo@trcsolutions.com.

Sincerely,

Steve Crescenzo

Senior Environmental Scientist

Enclosures: E&SC Plans, Site Restoration Plan, and Related Narrative (Luzerne County, Appendix E.2)



E.2

CN-CY-LU-2-05 Contractor Yard – Site Specific Narrative and Calculations



Site Specific Narrative

Topographic Features

A USGS Topographic Map is provided as a part of this Contractor Yard's Appendix.

Soil Characteristics

The NRCS Soils Map is provided following this narrative as part of this Contractor Yard's Appendix. Refer to the E&SC Plans for more information on the Site soils.

Earth Disturbance Activity

<u>Proposed Improvements and Land Use</u>

The Phase 1 Contractor Yard will be constructed in Plains Township, Luzerne County. The Contractor Yard will include the reuse of an existing construction yard for temporary material storage and staging area during pipeline construction. The Contractor Yard will be used for construction material storage, preparation and staging, and for construction equipment storage. No earthmoving activity is anticipated and no impervious area will result from the Project.

Present/Past Land Use

The Site is currently located in a gravel construction yard with pockets of vegetation. The existing vegetation will remain and is not to be disturbed. Refer to Section 1.3 of this report for details of the land uses of this Contractor Yard.

Project Site Runoff

Act 167 Summary

Site is located within a current, PADEP approved Act 167 Stormwater Management Watershed Plan. No new impervious area is proposed for the Site and existing vegetated areas will remain in a vegetated condition. The approximate original contours of the Contractor Yard will remain, which will maintain the pre-construction drainage patterns. No change in the runoff rate or volume is anticipated for the 1-year through 100-year storm event.

Surface Water Classification

The attached drawings depict the locations of the streams and wetlands in and near the LOD for the Project. The Project area surface water runoff drains to the Susquehanna River and Mill Creek. The receiving waters are designated as Warm Water Fishery (WWF) and Cold Water Fishery (CWF) under PA Code 25 Chapter 93 respectively.



The Susquehanna River watershed is listed as impaired in the PADEP Chapter 93 Integrated List; Source unknown – Mercury, PCB and Abandoned Mine Drainage. The Mill Creek watershed is listed as impaired in the PADEP Chapter 93 Integrated List; Urban Runoff/StormSewers-Water/Flow variability and Abandoned Mine Drainage.

BMP Description Narrative

As no earth disturbance is proposed, there are no proposed BMPs for this site.

BMP Installation Sequence of Construction

- 1. Make notifications according to permit requirements.
- 2. Hold pre-construction conference with environmental inspectors.
- 3. If applicable, install security fence. The necessity of a security fence will be at the discretion of the Contractor.
- 4. Remove security & construction fence after the Site is no longer of use.

Maintenance Program

Monitoring

Transcontinental Gas Pipe Line Company LLC's (Transco's) personnel (Operations) will perform an annual visual inspection until permit closure, by qualified personnel, trained and experienced in E&SC, to ascertain that the Site remained stable and to ensure the Site erosion is causing no undue burden on the property owner or adjacent owners.

Maintenance

Maintenance of the Site will be consistent with the maintenance program for the Project. Refer to Sections 1.10 and 1.11 of this report for the specific maintenance program for the Site.

Soil Conditions and Geologic Formations

Refer to Section 1.12 of this report for soil conditions and geologic formations for the Contractor Yard. Soils within the site LOD are not known to potentially produce acidic stormwater runoff. In the event that unanticipated acid runoff producing soils are encountered, refer to Acid Producing Soils and Bedrock Control Plan, located in the Best Management Practices and Quantities Plan set for material handling requirements



Thermal Impacts

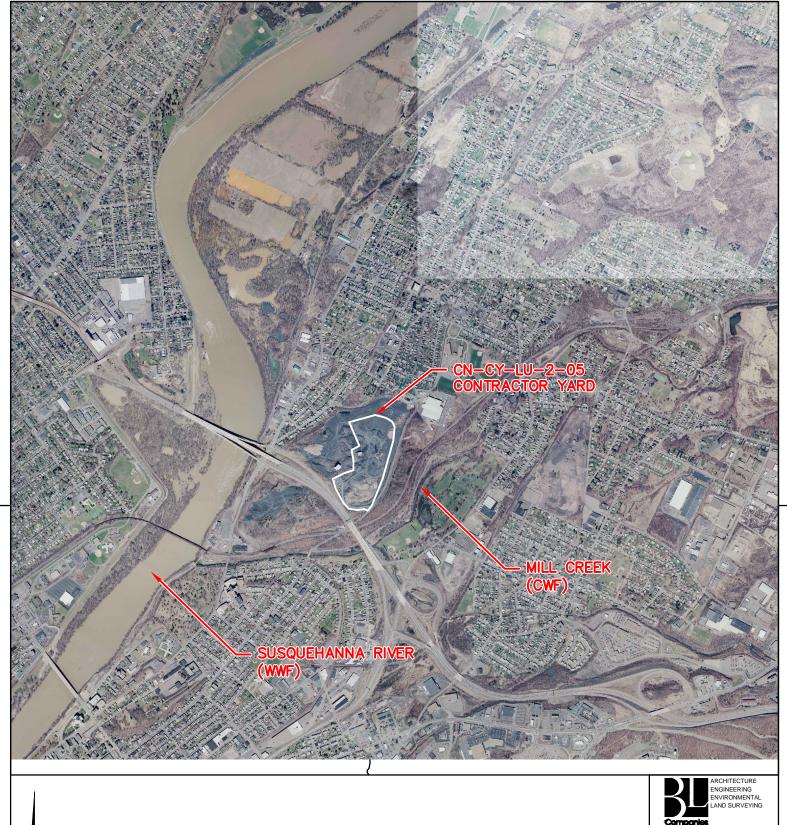
The Pre-Developed and Post-Developed surface will remain similar. No change in thermal impacts are expected

Riparian Forest Buffer

There are no regulated riparian buffers within the Contractor Yard area.

Antidegradation Requirements

The Project is not located in a special protection watershed but is in a siltation impaired watershed. No new proposed impervious cover is proposed for the Site. As a result, no additional stormwater runoff and no degradation of the watershed is anticipated.





GRAPHIC SCALE 2,000 1,000 2,000

SCALE IN FEET

ATLANTIC SUNRISE PROJECT

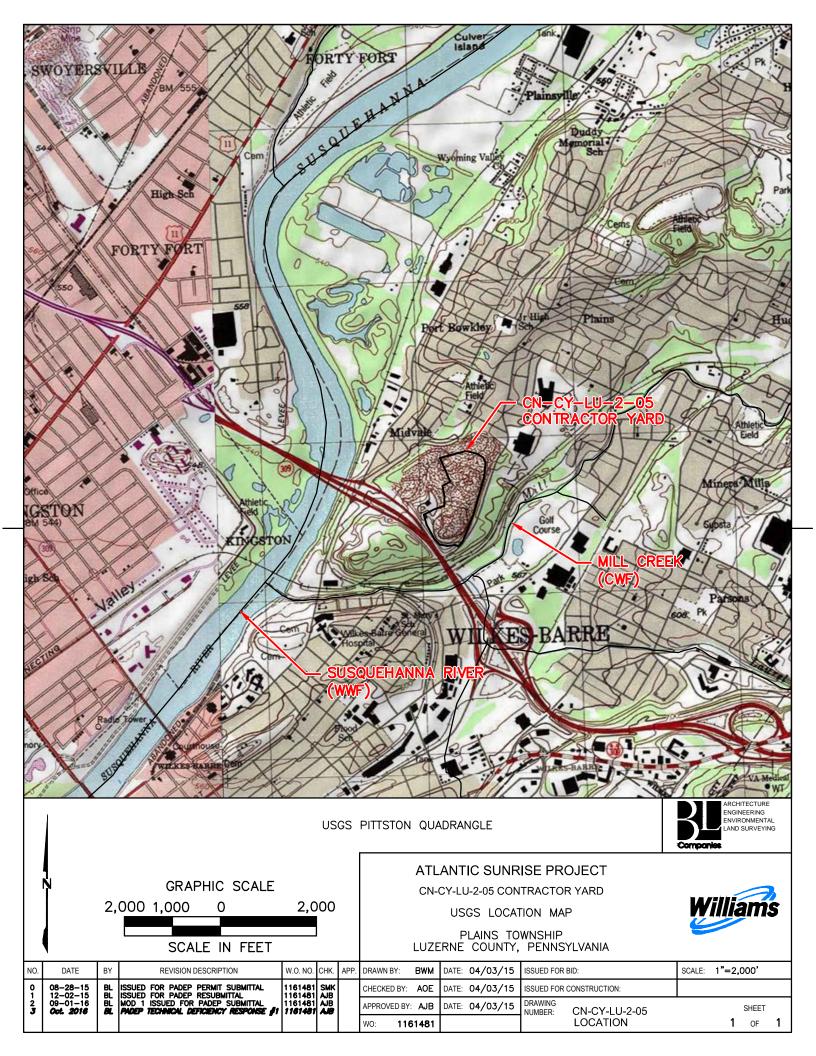
CN-CY-LU-2-05 CONTRACTOR YARD

AERIAL LOCATION MAP

PLAINS TOWNSHIP LUZERNE COUNTY, PENNSYLVANIA

Williams

	NO.	DATE	BY	REVISION DESCRIPTION	W.O. NO.	CHK.	APP.	DRAWN BY: B	3WM	DATE: 04/03/15	ISSUED FOR BID:	SCALE: 1"=2,000'
Γ	0			ISSUED FOR PADEP PERMIT SUBMITTAL ISSUED FOR PADEP RESUBMITTAL	1161481 1161481			CHECKED BY: A	40E	DATE: 04/03/15	ISSUED FOR CONSTRUCTION:	
	ż 3	09-01-16 Oct. 2016	BL	MOD 1 ISSUED FOR PADEP SUBMITTAL PADEP TECHNICAL DEFICIENCY RESPONSE \$1	1161481	AJB		APPROVED BY:	AJB		DRAWING NUMBER: CN-CY-LU-2-05	SHEET
				-				WO: 11614	481		LOCATION	1 OF 1



RUCTIONS: Fill out W	Worksheet 1. General Site Information				
	orksheet 1 for each watershed				
Date:	16-Mar-1	15			
Project Name:	Atlantic Sunrise Pipeline - CN-CY	Y-LU-2-05 Contractor Yard			
Municipality:	Plains Town	nshin			
mamorpanty.	Tidino Town	Тоттр		_	
County:	Luzerne Co	ounty			
Total Area (acres):	16.89				
Major River Basin:	Susquehanna	a River			
http://www.dep.state.	pa.us/dep/depupdate/watermgt/wc/defau	ult.htm#newtopics			
Watershed:	Toby-Wapwallope	en Creeks			
Sub-Basin:	N/A				
Nearest Surface Wa	ter(s) to Receive Runoff:	Mill Creek			
Chapter 93 - Design		CWF			
http://www.pacode.co	om/secure/data/025/chapter93/chap93tod	<u>c.html</u>			
Impaired according	to Chapter 303(d) List?		Yes	Х	
	to Chapter 303(d) List? pa.us/dep/deputate/watermgt/wqp/wqsta	andards/303d-Report.htm	Yes No	Х	
http://www.dep.state.				X	
http://www.dep.state. List Causes of Im	pa.us/dep/deputate/watermgt/wqp/wqsta			X	
http://www.dep.state. List Causes of Im Is project subject to	pa.us/dep/deputate/watermgt/wqp/wqsta pairment: Urban Runoff/Storm Sewers, o, or part of:	Abandoned Mine Drainage	No	X	
http://www.dep.state. List Causes of Im Is project subject to Municipal Separate	pa.us/dep/deputate/watermgt/wqp/wqsta pairment: Urban Runoff/Storm Sewers, o, or part of: Storm Sewer System (MS4) Requirem	Abandoned Mine Drainage nents?	No	X	
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Worksheet 1. General Site Information						
TRUCTIONS: Fill out Worksheet 1 for each watershed						
Date:	16-	Mar-15				
Project Name: Atlantic Sunrise Pipeline - CN-CY-LU-2-05 Contractor Yard						
Municipality:	Plains	Township				
County:	Luzer	ne County				
Total Area (acres):		17.53				
Major River Basin:	Susque	hanna River				
nttp://www.dep.state.	pa.us/dep/depupdate/watermgt/wc/	default.htm#newtopics				
Watershed:	Toby-Wapv	vallopen Creeks				
Sub-Basin:		N/A				
Nearest Surface Wa	ter(s) to Receive Runoff:	Susquehanna River				
Chapter 93 - Design	ated Water Use:	WWF				
http://www.pacode.co	m/secure/data/025/chapter93/chap	93toc.html				
		93toc.html		_		
Impaired according	to Chapter 303(d) List?		Yes	X		
Impaired according http://www.dep.state.	to Chapter 303(d) List? pa.us/dep/deputate/watermgt/wqp/v	vqstandards/303d-Report.htm		X		
Impaired according	to Chapter 303(d) List? pa.us/dep/deputate/watermgt/wqp/v			X		
Impaired according http://www.dep.state. List Causes of Imp	to Chapter 303(d) List? pa.us/dep/deputate/watermgt/wqp/v pairment: Source Unknown-Mercury	vqstandards/303d-Report.htm		X		
Impaired according http://www.dep.state. List Causes of Imp Is project subject to	to Chapter 303(d) List? pa.us/dep/deputate/watermgt/wqp/w pairment: Source Unknown-Mercury a, or part of:	vqstandards/303d-Report.htm y, PCB; Abandoned Mine Drainage		×		
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Impaired according http://www.dep.state. List Causes of Imp Is project subject to Municipal Separate http://www.dep.state.	to Chapter 303(d) List? pa.us/dep/deputate/watermgt/wqp/v pairment: Source Unknown-Mercury o, or part of: Storm Sewer System (MS4) Requipa.us/dep/deputate/watermgt/wc/Su	vqstandards/303d-Report.htm y, PCB; Abandoned Mine Drainage irements?	No	X		
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Impaired according http://www.dep.state. List Causes of Imp Is project subject to Municipal Separate http://www.dep.state. anagement/GeneralP Existing or planned If yes, distance from	to Chapter 303(d) List? pa.us/dep/deputate/watermgt/wqp/woairment: Source Unknown-Mercury a, or part of: Storm Sewer System (MS4) Requipa.us/dep/deputate/watermgt/wc/Suermits/default.htm drinking water supply? In proposed discharge (miles):	vqstandards/303d-Report.htm y, PCB; Abandoned Mine Drainage irements?	Yes No Yes			
Impaired according http://www.dep.state. List Causes of Imp Is project subject to Municipal Separate http://www.dep.state. anagement/GeneralP Existing or planned If yes, distance from Approved Act 167 P	to Chapter 303(d) List? pa.us/dep/deputate/watermgt/wqp/woairment: Source Unknown-Mercung of or part of: Storm Sewer System (MS4) Requipa.us/dep/deputate/watermgt/wc/Subermits/default.htm drinking water supply? In proposed discharge (miles): Ian?	vqstandards/303d-Report.htm y, PCB; Abandoned Mine Drainage irements? ubjects/StormwaterM	Yes No Yes No	X		
Impaired according http://www.dep.state. List Causes of Imp Is project subject to Municipal Separate http://www.dep.state. anagement/GeneralP Existing or planned If yes, distance from Approved Act 167 P	to Chapter 303(d) List? pa.us/dep/deputate/watermgt/wqp/woairment: Source Unknown-Mercury o, or part of: Storm Sewer System (MS4) Requipa.us/dep/deputate/watermgt/wc/Subermits/default.htm drinking water supply? In proposed discharge (miles): lan? pa.us/dep/deputate/watermgt/wc/Subpa.us/dep/dep/deputate/watermgt/wc/Subpa.us/dep/dep/dep/dep/dep/dep/dep/dep/dep/dep	vqstandards/303d-Report.htm y, PCB; Abandoned Mine Drainage irements? ubjects/StormwaterM	Yes No Yes No	X		
Impaired according http://www.dep.state. List Causes of Imples of Imples project subject to Municipal Separate http://www.dep.state.anagement/GeneralP Existing or planned If yes, distance from Approved Act 167 Phttp://www.dep.state.	to Chapter 303(d) List? pa.us/dep/deputate/watermgt/wqp/woairment: Source Unknown-Mercury a, or part of: Storm Sewer System (MS4) Requipa.us/dep/deputate/watermgt/wc/Subermits/default.htm drinking water supply? In proposed discharge (miles): Ian? pa.us/dep/deputate/watermgt/wc/Subermits/dep/deputate/watermgt/wc/Subermits/dep/deputate/watermgt/wc/Subermits/dep/deputate/watermgt/wc/Subermits/dep/deputate/watermgt/wc/Subermits/dep/deputate/watermgt/wc/Subermits/dep/deputate/watermgt/wc/Subermits/dep/deputate/watermgt/wc/Subermits/dep/deputate/watermgt/wc/Subermits/dep/deputate/watermgt/wc/Subermits/dep/deputate/watermgt/wc/Subermits/dep/deputate/watermgt/wc/Subermits/dep/deputate/watermgt/wc/Subermits/dep/dep/dep/dep/dep/dep/dep/dep/dep/dep	vqstandards/303d-Report.htm y, PCB; Abandoned Mine Drainage irements? ubjects/StormwaterM	Yes No Yes No	X		

E&S WORKSHEET #1 Compost Filter Sock

PROJECT NAME:	ATLANTIC SUNRISE	CONTRACTOR YARD	CN-CY-LU-2-05	_
LOCATION:	PLAINS TWP., LUZEI	RNE CNTY.		
PREPARED BY:	GJH	DATE:	2016-08-29	
CHECKED BY:	AJB_	DATE:		_
BLOWN/PLACED FIL DISTURBED AR	\ d	2"X 2"WOODEN COMPOST FII UNDISTURBED A		

SOCK NO.	Dia. In.	LOCATION	SLOPE PERCENT	SLOPE LENGTH ABOVE BARRIER (FT)
1	12	Middle of Yard-Waterbody	2%	253
2	12	Middle of Yard-Wetland	3%	150
		Ivania Fracian and Cadiment Dally	i	onual Daga 272

SOURCE: Pennsylvania Erosion and Sediment Pollution Control Manual, Page 372



MAP LEGEND

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Water Features

Transportation

0

Background

Spoil Area

Stony Spot

Wet Spot

Other

Rails

US Routes

Major Roads

Local Roads

Very Stony Spot

Special Line Features

Streams and Canals

Interstate Highways

Aerial Photography

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Points

Special Point Features

Clay Spot 36

Closed Depression

Gravel Pit

Lava Flow

Perennial Water

Rock Outcrop

Saline Spot

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Luzerne County, Pennsylvania Survey Area Data: Version 8, Nov 16, 2015

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 14, 2011—May 10, 2011

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Blowout

Borrow Pit

 \Diamond

×

Gravelly Spot

Landfill

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Sandy Spot

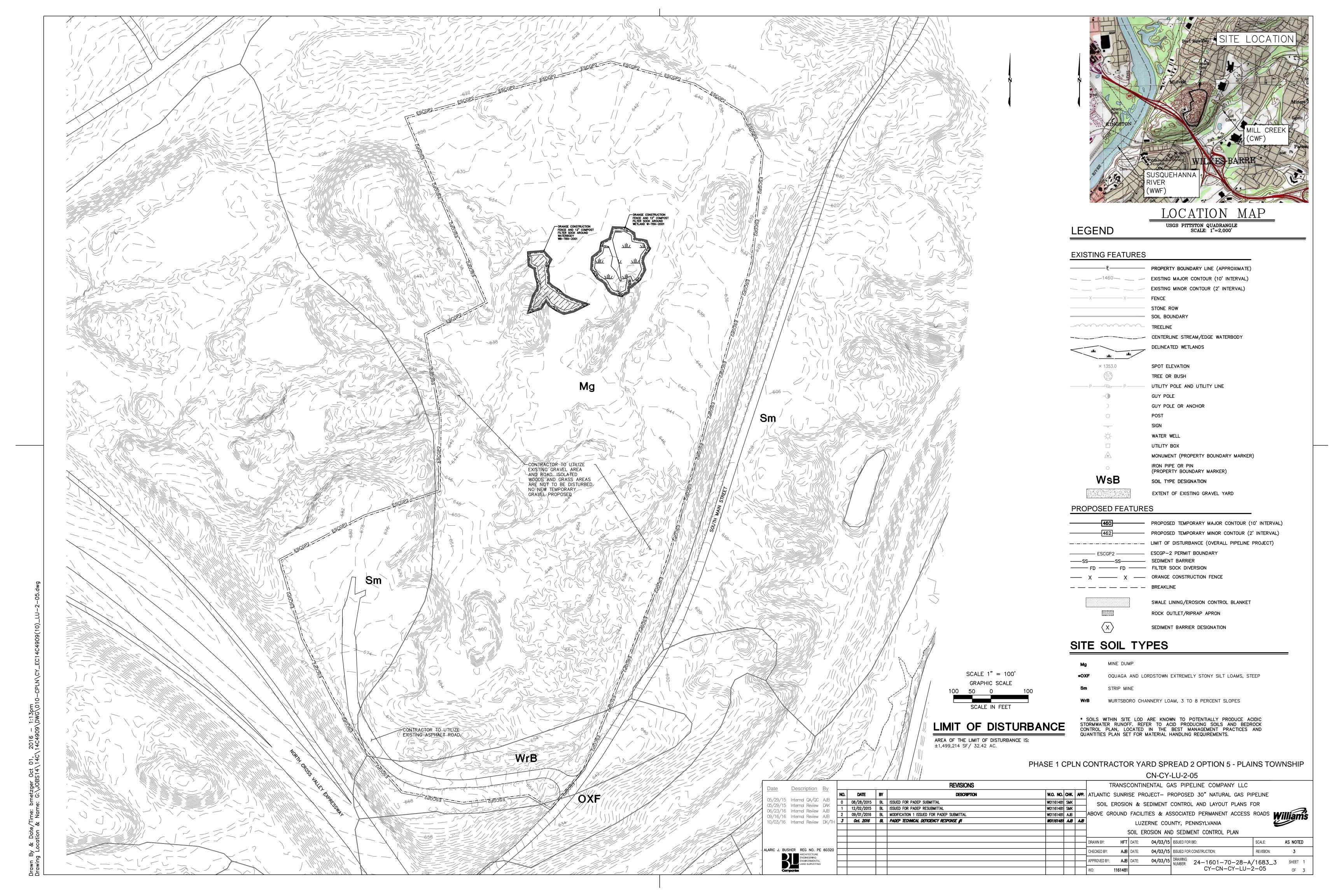
Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot





m .010-CPLN\CY_EC14C4909(10)_LU-2-05.dwg			
Drawn By & Date/Time: bmetzger Oct 01, 2016 — 1:14pm Drawing Location & Name: G:\JOBS14\14C\14C4909\DWG\010—CPLN\CY_EC14C4909(10)_LU-2-05.dwg			

EARTH DISTURBANCE ACTIVITY - PAST, PRESENT, AND FUTURE LAND USES

THE LAND USES FOUND WITHIN THE PROJECT AREA IS A GRAVEL CONSTRUCTION YARD. ACCORDING TO THE IMAGERY PROVIDED BY THE PENNSYLVANIA GEOLOGICAL SURVEY, THE LAND USES WITHIN THE PROJECT AREA REMAINED SIMILAR OVER THE PAST YEARS. FUTURE LAND USE WOULD INVOLVE MINIMAL IMPACT WITH THE CONTINUED USE AS A TEMPORARY CONTRACTOR YARD.

RECEIVING WATERCOURSE - CHAPTER 93 DESIGNATION

THE RECEIVING WATERCOURSE IS THE SUSQUEHANNA RIVER (WWF) AND MILL CREEK (CWF).

THERMAL IMPACT ANALYSIS

THE PRE-DEVELOPED AND POST-DEVELOPED SURFACE WILL REMAIN SIMILAR. NO CHANGE IN THERMAL IMPACTS ARE EXPECTED.

SEQUENCE OF CONSTRUCTION

- 1. MAKE NOTIFICATIONS ACCORDING TO PERMIT REQUIREMENTS.
- 2. HOLD PRE-CONSTRUCTION CONFERENCE WITH ENVIRONMENTAL INSPECTORS.
- 3. IF APPLICABLE, INSTALL SECURITY FENCE. THE NECESSITY OF A SECURITY FENCE WILL BE AT THE DISCRETION OF THE CONTRACTOR.
- 4. REMOVE SECURITY FENCE AND COMPOST FILTER SOCK AFTER THE SITE IS NO LONGER OF USE.

PHASE 1 CPLN CONTRACTOR YARD SPREAD 2 OPTION 5 - PLAINS TOWNSHIP

CN-CY-LU-2-05

										51. 51 25 2 55		
Date	Descripti	ion By				REVISIONS		TRANSCONTINENTAL GAS PIPELINE COMPANY LLC				
			NO.	DATE	BY	DESCRIPTION	W.O. NO.	СНК.	APP.	P. ATLANTIC SUNRISE PROJECT- PROPOSED 30" NATURAL GAS PIPELINE		
05/29/15 Internal QA/QC AJB	0	08/28/2015	BL	ISSUED FOR PADEP SUBMITTAL	W01161481	SMK		SOIL EROSION & SEDIMENT CONTROL AND LAYOUT PLANS FOR				
	05/29/15 Internal Review DAK 06/23/16 Internal Review AJB 09/16/16 Internal Review AJB	1	12/02/2015	BL	ISSUED FOR PADEP RESUBMITTAL	W01161481	SMK					
			2	09/01/2016	BL	MODIFICATION 1 ISSUED FOR PADEP SUBMITTAL	W01161481	AJB		ABOVE GROUND FACILITIES & ASSOCIATED PERMANENT ACCESS ROADS		
	10/03/16 Internal Review DK/TH		3	Oct. 2016	BL	PADEP TECHNICAL DEFICIENCY RESPONSE #1	W01161481	AJB	AJB	ABOVE GROUND FACILITIES & ASSOCIATED PERMANENT ACCESS ROADS LUZERNE COUNTY, PENNSYLVANIA		
	ALARIC J. BUSHER REG NO. PE 603									SOIL EROSION & SEDIMENT CONTROL NOTES AND DETAILS		
										DRAWN BY: HFT DATE: 04/03/15 ISSUED FOR BID: SCALE: AS NOTED		
ALARIC J. BU										CHECKED BY: AJB DATE: 04/03/15 ISSUED FOR CONSTRUCTION: REVISION: 3		
ARCHITECTURE ENGINEERING ENVIRONMENTAL LAND SURVEYING	RING MENTAL								APPROVED BY: AJB DATE: 04/03/15 DRAWING NUMBER: 24-1601-70-28-A/1683_3 SHEET 2			
Co	Companies	UKVEYING								Wo: 1161481 CY-CN-CY-LU-2-05 OF 3		



October 26, 2016

Ross Township Floodplain Administrator 72 Broadway Road P.O. Box 330 Sweet Valley, PA 18656

Re: Atlantic Sunrise Project Central Penn Line North Ross Township, Luzerne County Floodplain Management Analysis

Dear Sir or Madam:

Transcontinental Gas Pipeline Company, LLC (Transco) proposes to construct and operate the Atlantic Sunrise Project (Project) to provide 1.7 million dekatherms per day of incremental firm transportation of natural gas from the Marcellus Shale production areas in northern Pennsylvania (PA) to its existing market areas, extending to as far south as the Station 85 Pooling Point in Choctaw County, Alabama. The Project includes modifications to the existing Transco Mainline System to reverse the direction of flow, enabling new north-to-south capabilities (bi-directional flow) to transport this new source of natural gas to existing markets. The Project consists of the following primary components within PA:

- Installing greenfield pipeline facilities of approximately 58.6 miles of new 30-inch-diameter pipe from Susquehanna County, PA to Columbia County, PA.
- Installing greenfield pipeline facilities of approximately 127.3 miles of 42-inch-diameter pipe from Columbia County, PA to Lancaster County, PA.;
- Installing two pipeline loops (pipeline laid parallel to existing facilities):
 - o 8.56 miles of 42-inch pipeline loop located in Lycoming County, PA known as the Unity Loop;
 - o 2.50 miles of 36-inch pipeline in Clinton County, PA, known as the Chapman Loop:
- Constructing two new compressor stations, one in Wyoming County and one in Columbia County, PA;
- Additional ancillary facilities, such as mainline valves, cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers;
- Two new meter stations and three new regulator stations with interconnecting piping;
- Additional compression and related modifications to one existing compressor station; and,
- Modification to an existing meter station for use of shared facilities with a new meter station.

Transco's consultants, BL Companies and TRC Solutions (TRC), have completed an analysis of potential impacts on FEMA delineated floodways from the Project in accordance with 25 Pa. Code § 105.13. The analysis for Ross Township is provided below for your review and comment.

Ross Township October 26, 2016 BL Project No. 14C4909 Page 1 of 3

ATLANTIC SUNRISE PROJECT FEMA FLOODPLAIN CROSSINGS ROSS TOWNSHIP, LUZERNE COUNTY, PENNSYLVANIA

Description of Impact	Structure Type and Dimensions	Resource ID	Resource Name	Chapter 93 Classification, Wetland Classification (EV or Other), or Floodway Type	Floodway	Impact area (acres)			
					Fill (cu. yds.)	Temporary	Permanent	Latitude	Longitude
Utility Pipeline Crossing	Equipment Access and E&S Controls	WW-T11- 16001	Floodway to Arnold Creek	FEMA Detailed ¹	N/A	0.3503	0.02232	41.30406	-76.19877
Utility Pipeline Crossing	Equipment Access and E&S Controls	WW-T13- 16001	Floodway to Shingle Run	FEMA Detailed	N/A	0.0810	0.0060^2	41.30557	-76.18063
Utility Pipeline Crossing	Equipment Access and E&S Controls	WW-T05- 16001	Floodway to Mitchler Run	FEMA Detailed ¹	N/A	0.2737	0.0174^2	41.30724	-76.16320
Utility Pipeline Crossing	Equipment Access and E&S Controls	WW-T03- 16003C	Floodway to UNT to Huntington Creek	FEMA Detailed ¹	N/A	0.0138	0.00272	41.31104	-76.14836
Utility Pipeline Crossing	Equipment Access and E&S Controls	WW-T03- 16003A	Floodway to UNT to Huntington Creek	FEMA Detailed	N/A	0.0001	0.0000	41.31134	-76.14706
Utility Pipeline Crossing	Equipment Access and E&S Controls	WW-T03- 16003	Floodway to UNT to Huntington Creek	FEMA Detailed ¹	N/A	0.8062	0.0360^2	41.31281	-76.13759

Notes:

The floodway crossings listed above are depicted on the enclosed plans from the Project's PADEP Chapter 105 Permit Application.

Please note that construction activities are not expected to create permanent loss of flood storage capacity or hydraulic capacity, as all pre-construction surface elevations will be re-established during restoration. The temporary and permanent impacts noted above are associated with vegetation management and underground pipe installation only, and do not represent a permanent modification of ground elevation or loss of flood storage capacity or hydraulic capacity. No structures are proposed within the FEMA 100-year floodplain, no fill will be placed in the floodways, and no increase in 100-year flood elevation is anticipated as a result of the proposed Project.

¹ Multiple streams are included in these calculations as the floodways overlap.

² Permanent impacts associated with utility pipeline crossings are based on the permanent pipe footprint within the floodplain (pipe trench width x pipe crossing length). No permanent alternation to the floodway contours and elevation is associated with these permanent impacts.

On behalf of Transco, BL and TRC respectfully request that Ross Township review this analysis and, if applicable, provide comments to:

Steve Crescenzo TRC Environmental Corporation 2200 Liberty Avenue, Suite 100 Pittsburgh, PA 15222

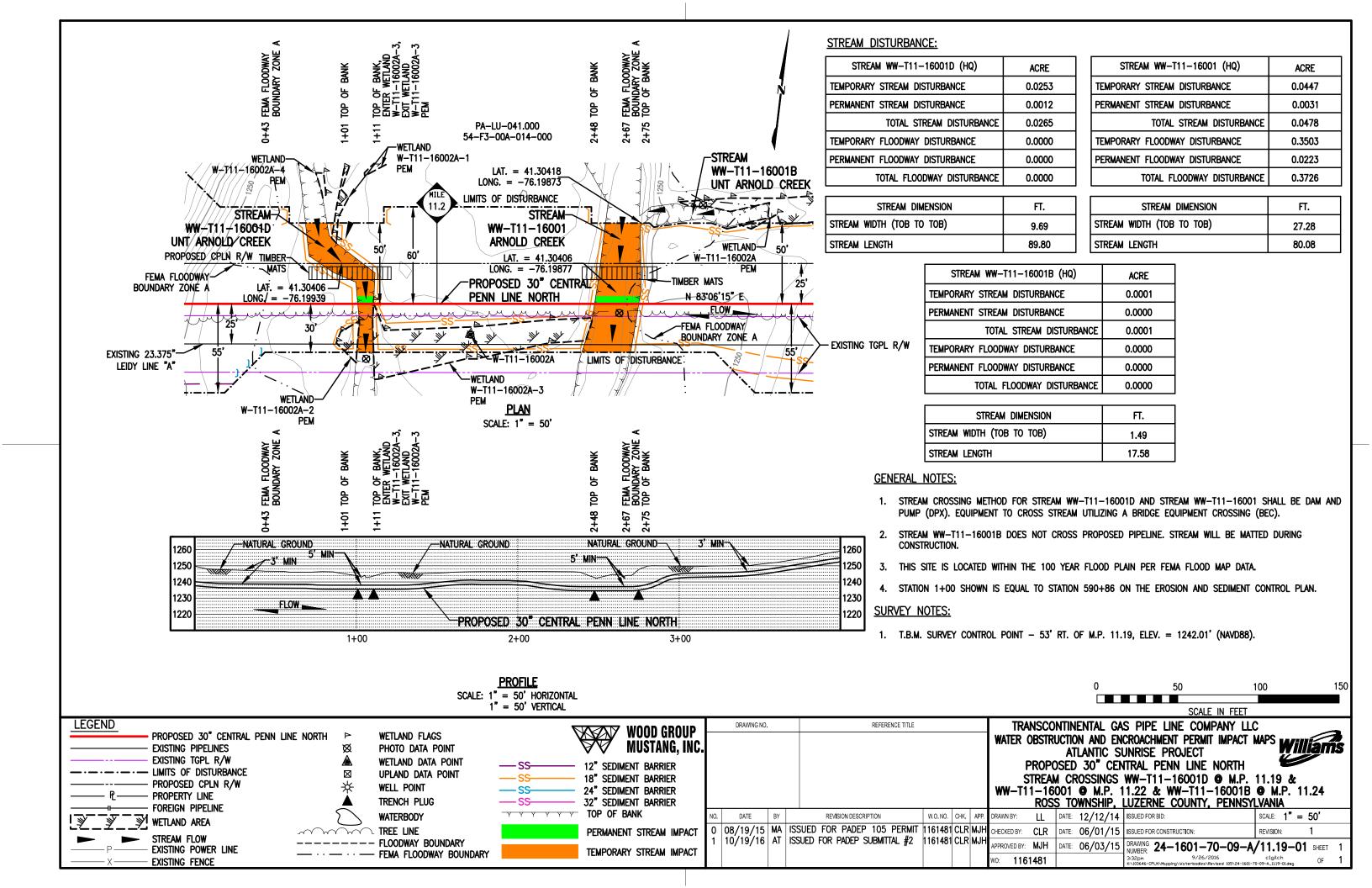
<u>Please do not send comments directly to the PADEP</u>, as we must include them with our permit application. Should you have any questions or concerns regarding this notification, please contact Al Busher at (717)-651-9850 or via email at abusher@blcompanies.com.

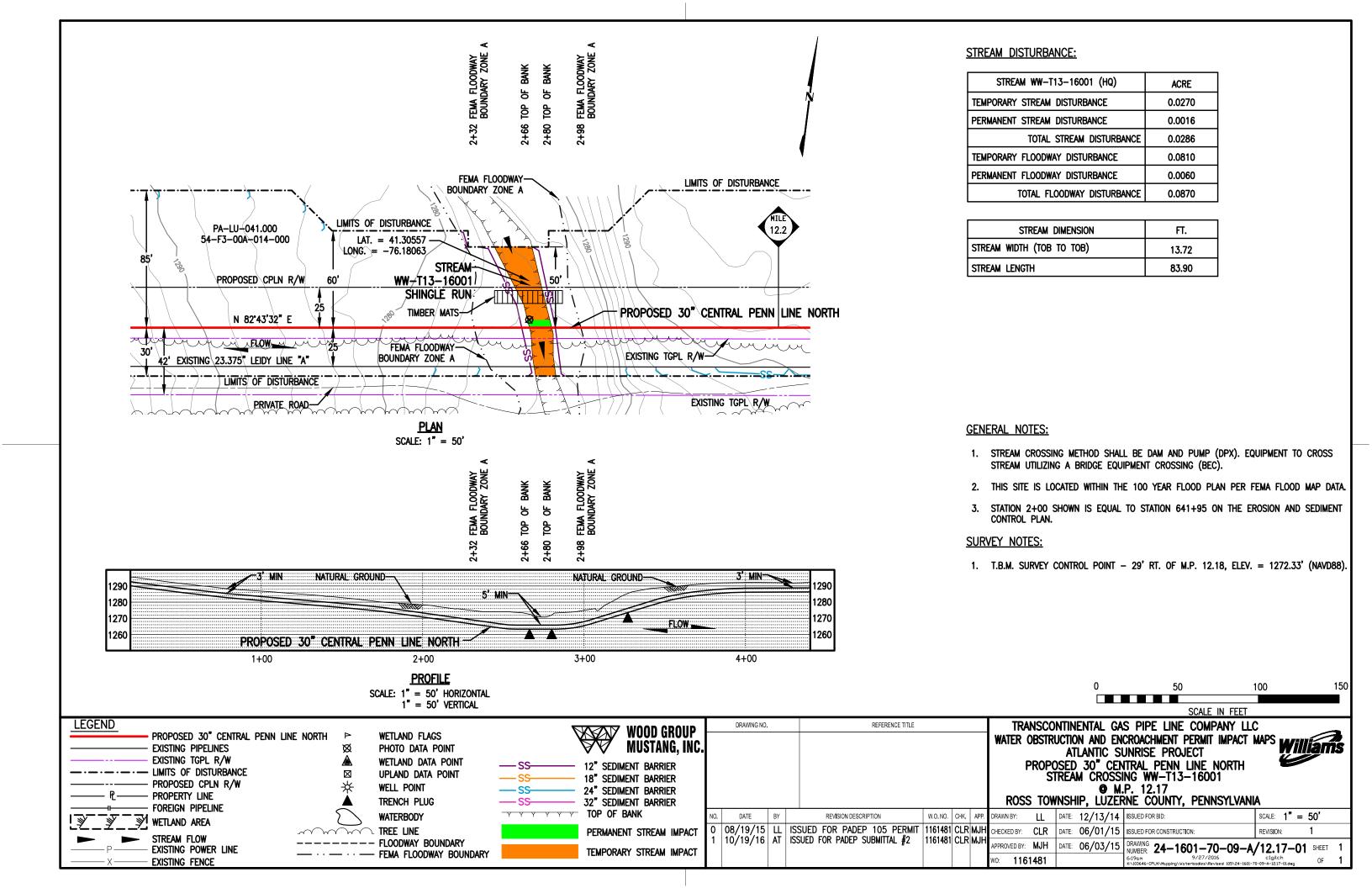
Sincerely,

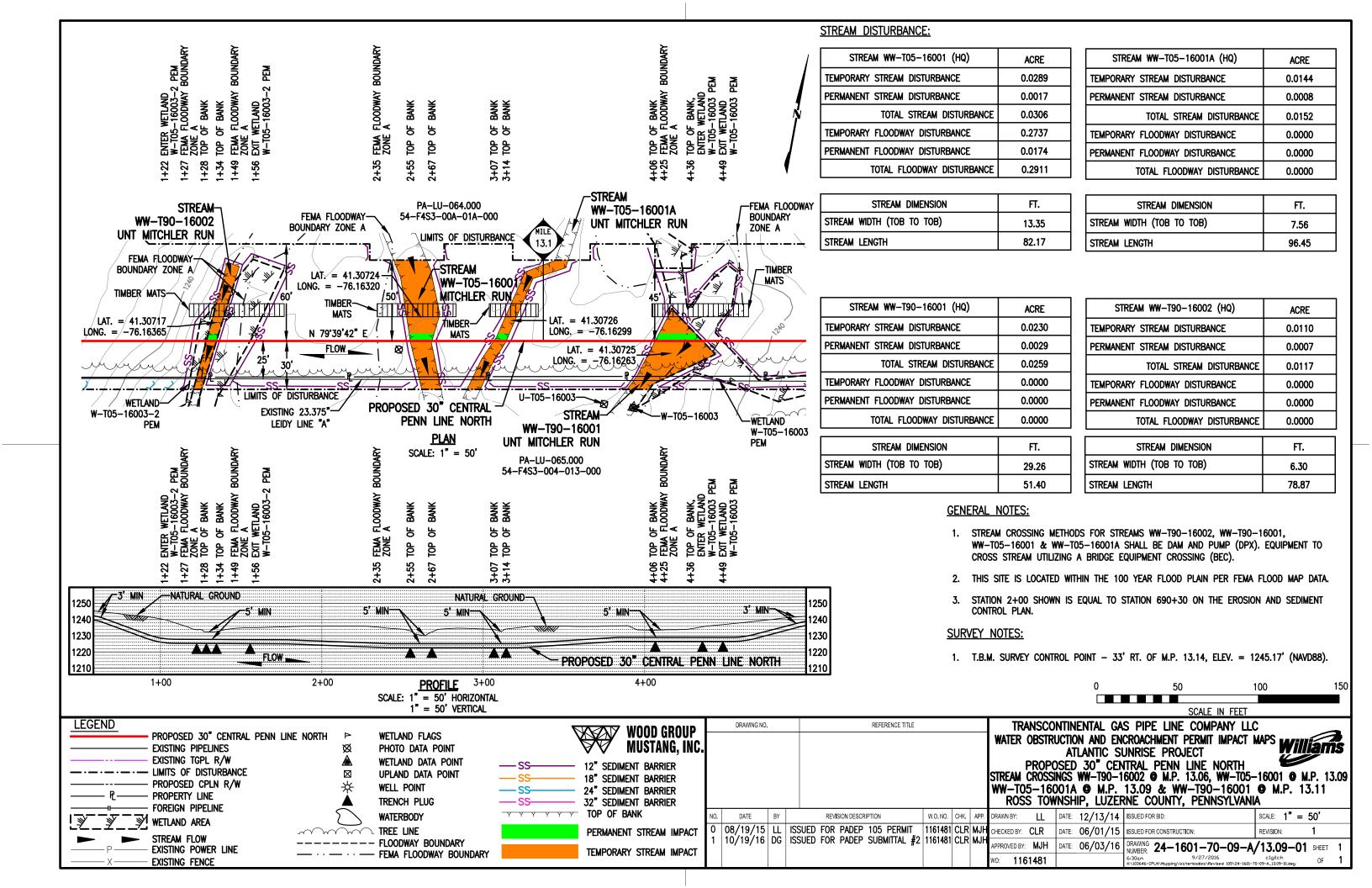
Alaric J. Busher, PE

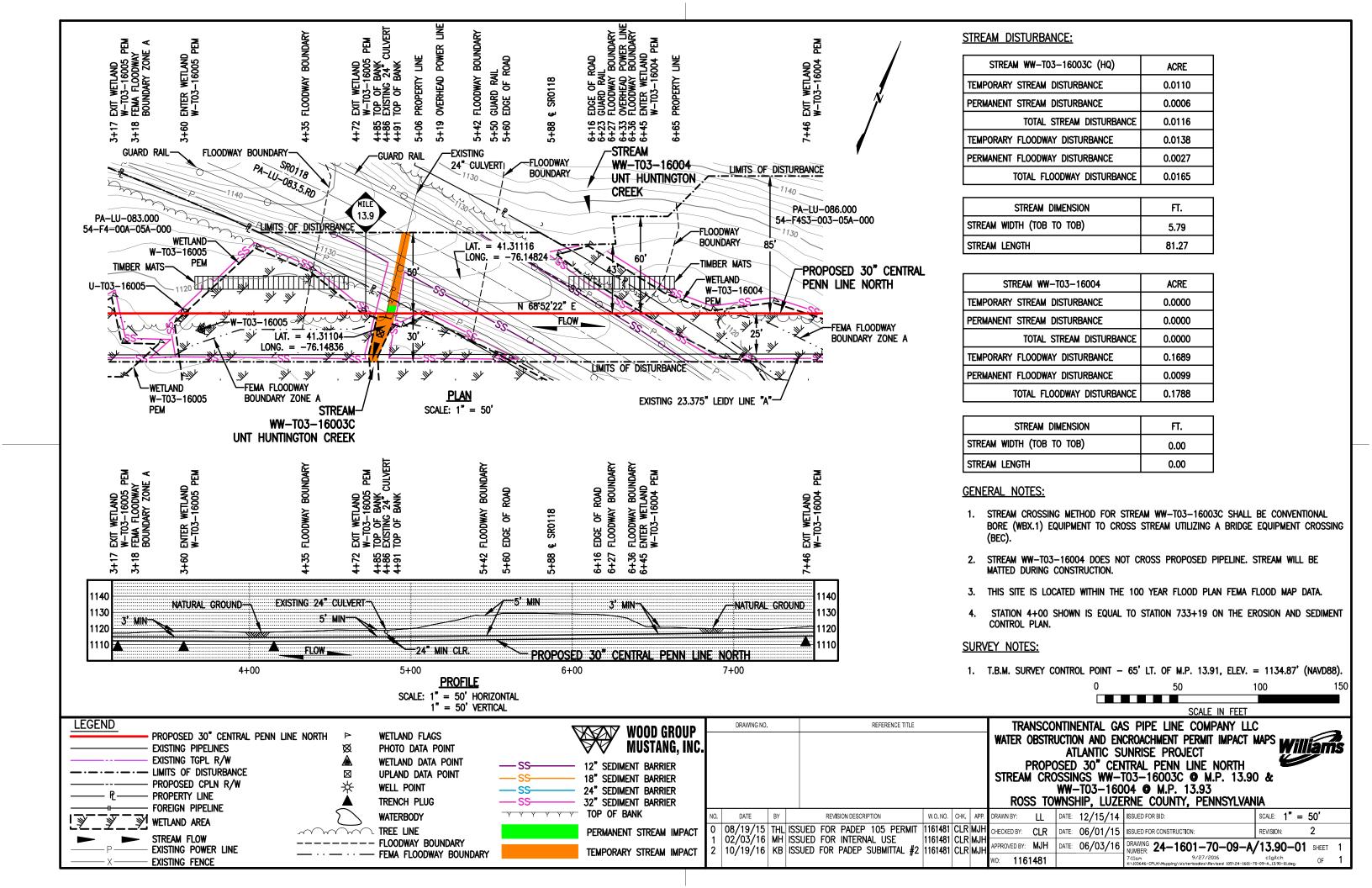
Senior Engineer

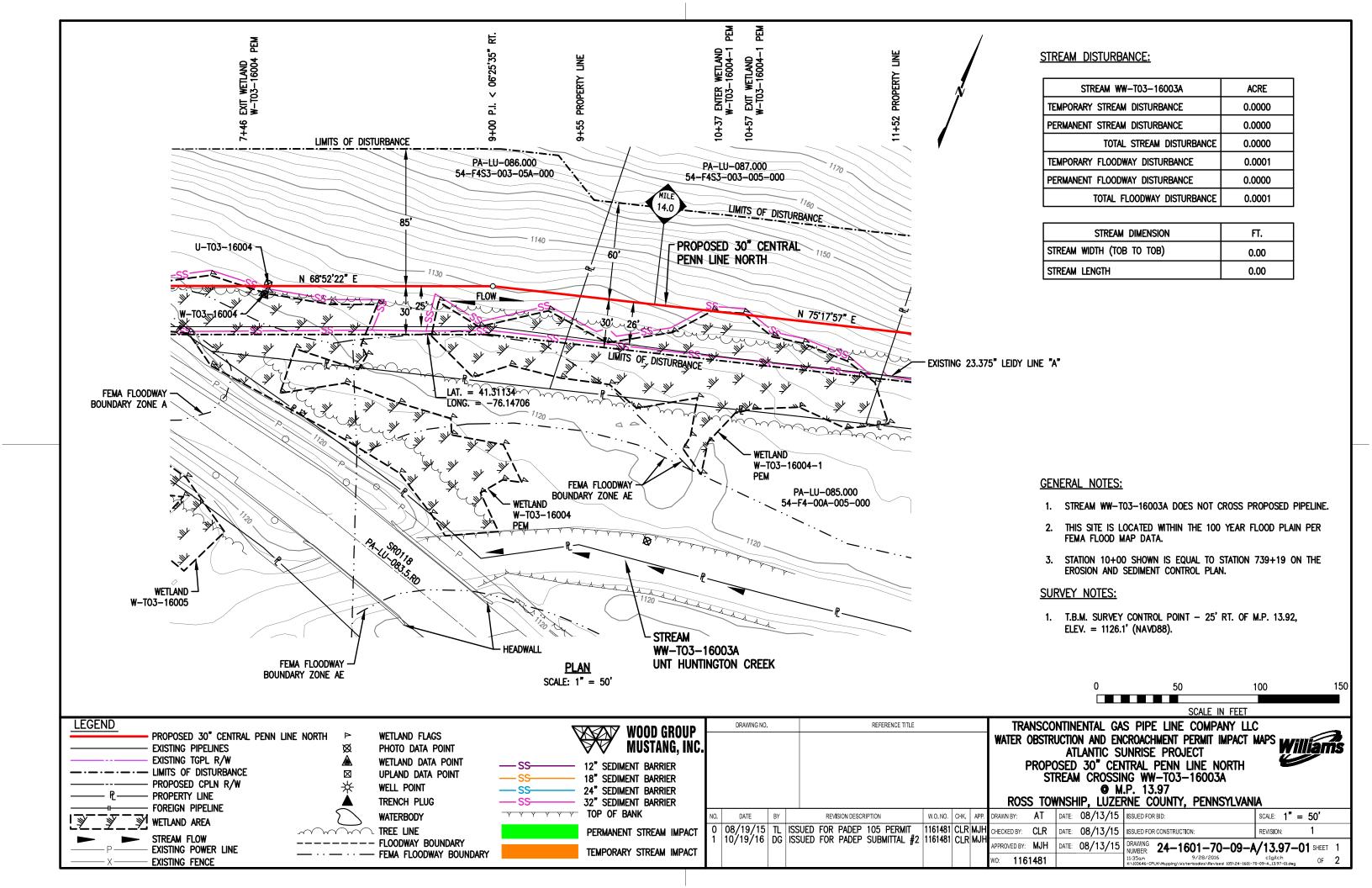
Enclosures: Water Obstruction and Encroachment Permit Impact Maps

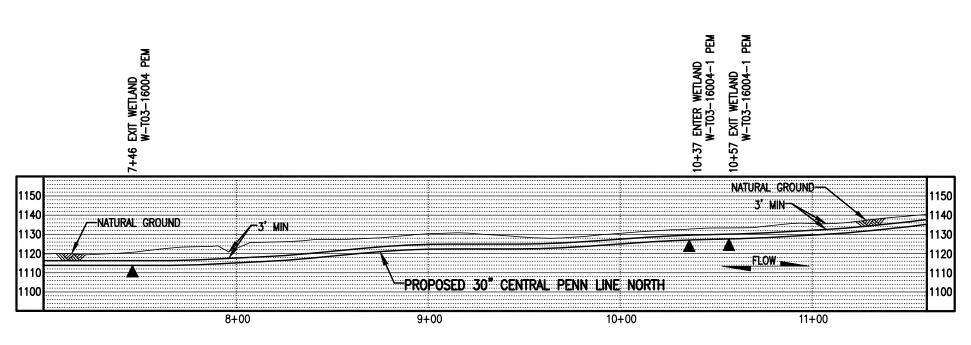






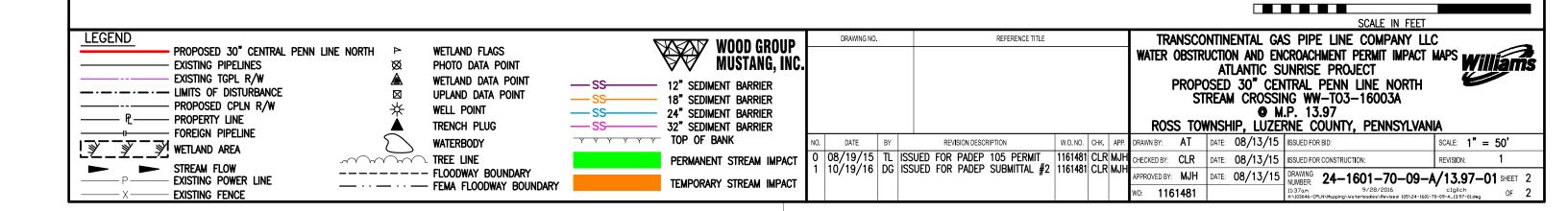


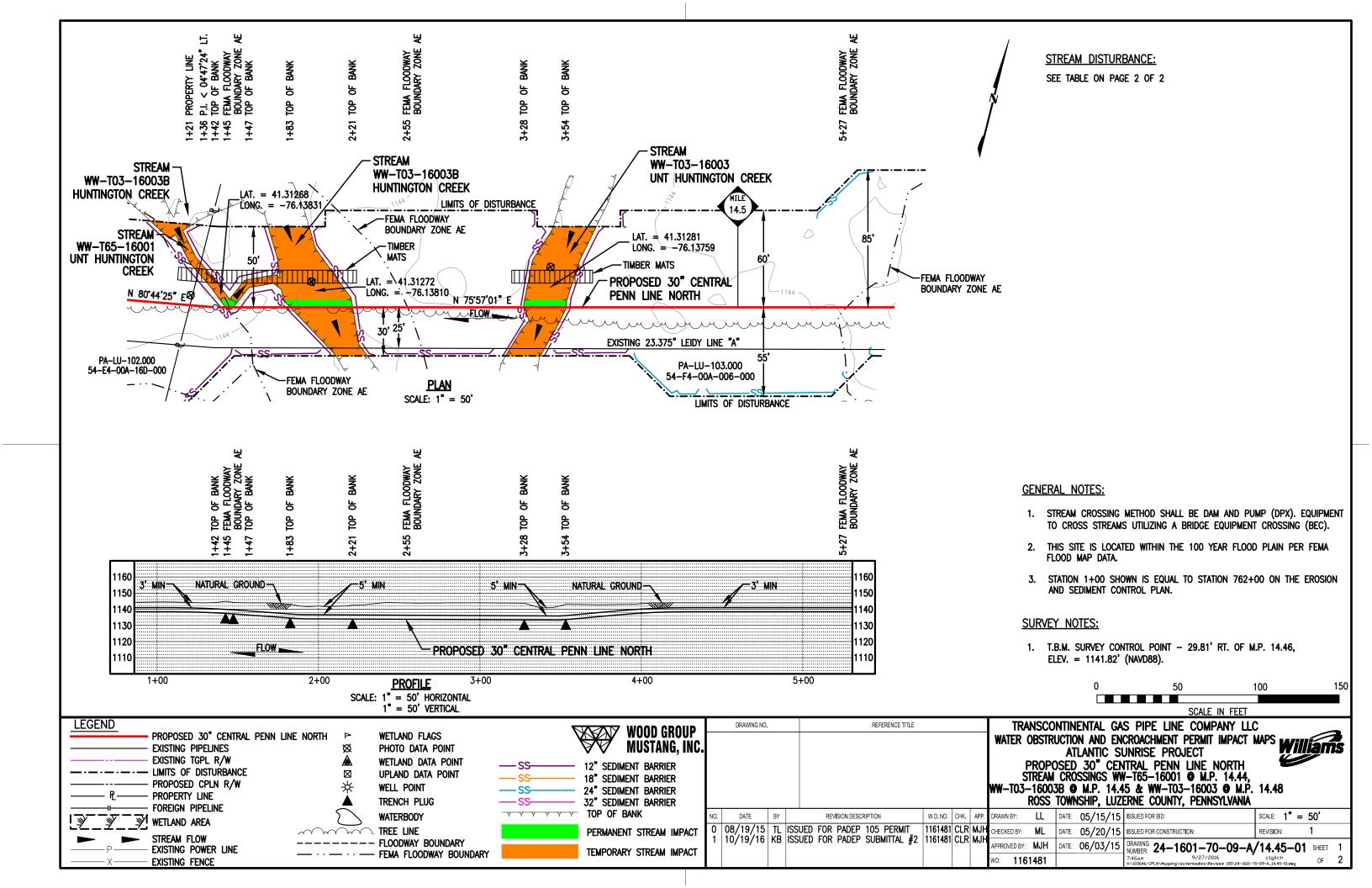




PROFILE

SCALE: 1" = 50' HORIZONTAL
1" = 50' VERTICAL





STREAM DISTURBANCE:

STREAM WW-T03-16003 (HQ)	ACRE
TEMPORARY STREAM DISTURBANCE	0.0433
PERMANENT STREAM DISTURBANCE	0.0030
TOTAL STREAM DISTURBANCE	0.0463
TEMPORARY FLOODWAY DISTURBANCE	0.8062
PERMANENT FLOODWAY DISTURBANCE	0.0360
TOTAL FLOODWAY DISTURBANCE	0.8422

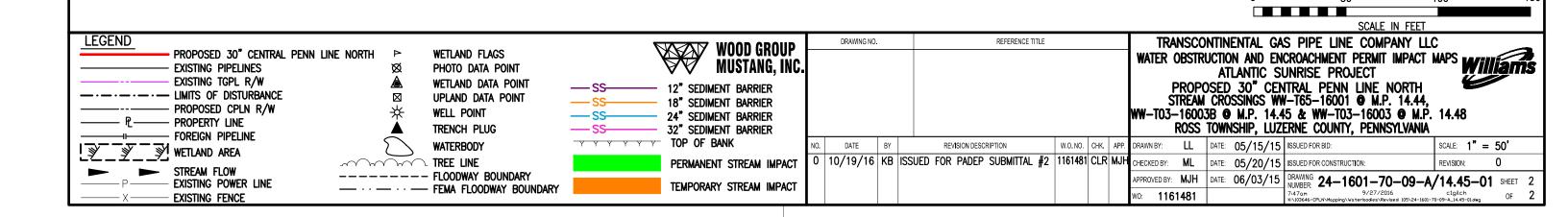
STREAM DIMENSION	FT.
STREAM WIDTH (TOB TO TOB)	25.70
STREAM LENGTH	86.14

STREAM WW-T03-16003B (HQ)	ACRE
TEMPORARY STREAM DISTURBANCE	0.0541
PERMANENT STREAM DISTURBANCE	0.0047
TOTAL STREAM DISTURBANCE	0.0588
TEMPORARY FLOODWAY DISTURBANCE	0.0000
PERMANENT FLOODWAY DISTURBANCE	0.0000
TOTAL FLOODWAY DISTURBANCE	0.0000

STREAM DIMENSION	FT.
STREAM WIDTH (TOB TO TOB)	38.64
STREAM LENGTH	92.08

STREAM WW-T65-16001 (HQ)	ACRE
TEMPORARY STREAM DISTURBANCE	0.0098
PERMANENT STREAM DISTURBANCE	0.0010
TOTAL STREAM DISTURBANCE	0.0108
TEMPORARY FLOODWAY DISTURBANCE	0.0000
PERMANENT FLOODWAY DISTURBANCE	0.0000
TOTAL FLOODWAY DISTURBANCE	0.0000

STREAM DIMENSION	FT.
STREAM WIDTH (TOB TO TOB)	4.67
STREAM LENGTH	111.16



 Subject:
 FW: FedEx Shipment 777567386144 Delivered

 Date:
 Wednesday, November 02, 2016 10:56:51 AM

 $\textbf{From:}\ \underline{trackingupdates@fedex.com}\ [\underline{mailto:trackingupdates@fedex.com}]$

Sent: Thursday, October 27, 2016 9:49 AM

To: Schembri, Julie < jschembri@Blcompanies.com >
Subject: FedEx Shipment 777567386144 Delivered

FedEx®

Your package has been delivered

Tracking # 777567386144

Ship date:

Wed, 10/26/2016

Suzan Lacey
B L COMPANIES
Houston, TX 77070
US

Delivered

Delivery date:

Thu, 10/27/2016 10:46

am

Floodplain Administrator

Dallas Township

2919 State Route 309 Highway

DALLAS, PA 18612

US

Shipment Facts

Our records indicate that the following package has been delivered.

Tracking number:	777567386144
Status:	Delivered: 10/27/2016 10:46 AM Signed for By: P.MULLER
Reference:	14C4909-B
Signed for by:	P.MULLER
Delivery location:	DALLAS, PA
Delivered to:	Receptionist/Front Desk
Service type:	FedEx Standard Overnight
Packaging type:	FedEx Envelope
Number of pieces:	1
Weight:	0.50 lb.
Special handling/Services:	Deliver Weekday
Standard transit:	10/27/2016 by 3:00 pm

Please do not respond to this message. This email was sent from an unattended mailbox. This report was generated at approximately 9:48 AM CDT on 10/27/2016.

All weights are estimated.

To track the latest status of your shipment, click on the tracking number above.

Standard transit is the date and time the package is scheduled to be delivered by, based on the selected service, destination and ship date. Limitations and exceptions may apply. Please see the FedEx Service Guide for terms and conditions of service, including the FedEx Money-Back Guarantee, or contact your FedEx Customer Support representative.

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Subject: FW: Fairmount TWP Deliverd FedEx Shipment 777567455023 Delivered

Date: Wednesday, November 02, 2016 10:54:19 AM

From: trackingupdates@fedex.com [mailto:trackingupdates@fedex.com]

Sent: Thursday, October 27, 2016 2:38 PM **To:** Schembri, Julie < <u>ischembri@Blcompanies.com</u>> **Subject:** FedEx Shipment 777567455023 Delivered

FedEx®

Your package has been delivered

Tracking # 777567455023

Ship date:

Wed, 10/26/2016

Suzan Lacey
B L COMPANIES
Houston, TX 77070
US

Delivered

Delivery date:

Thu, 10/27/2016 3:36

pm

Floodplain Administrator

Fairmount Township

362 Municipal Road

BENTON, PA 17814

US

Shipment Facts

Our records indicate that the following package has been delivered.

Tracking number:	777567455023
Status:	Delivered: 10/27/2016 3:36 PM Signed for By: Signature not required
Reference:	14C4909-B
Signed for by:	Signature not required
Delivery location:	BENTON, PA
Delivered to:	Residence
Service type:	FedEx Priority Overnight
Packaging type:	FedEx Envelope
Number of pieces:	1
Weight:	0.50 lb.
Special handling/Services:	Deliver Weekday
	Residential Delivery
Standard transit:	10/27/2016 by 4:30 pm

Please do not respond to this message. This email was sent from an unattended mailbox. This report was generated at approximately 2:38 PM CDT on 10/27/2016.

All weights are estimated.

To track the latest status of your shipment, click on the tracking number above.

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Subject: FW: FedEx Shipment 777567508844 Delivered Date: Wednesday, November 02, 2016 10:56:24 AM

From: trackingupdates@fedex.com [mailto:trackingupdates@fedex.com]

Sent: Thursday, October 27, 2016 10:14 AM

To: Schembri, Julie < jschembri@Blcompanies.com >
Subject: FedEx Shipment 777567508844 Delivered

FedEx®

Your package has been delivered

Tracking # 777567508844

Ship date:
Wed, 10/26/2016

Suzan Lacey
B L COMPANIES
Houston, TX 77070
US

Delivered
Delivery date:
Thu, 10/27/2016 11:03

am
Floodplain Administrator
Lake Township
488 State Route 29
HARVEYS LAKE, PA 18618
US

Shipment Facts

Our records indicate that the following package has been delivered.

Tracking number:	777567508844
Status:	Delivered: 10/27/2016 11:03 AM Signed for By: Signature not required
Reference:	14C4909-B
Signed for by:	Signature not required
Delivery location:	HARVEYS LAKE, PA
Delivered to:	Residence
Service type:	FedEx Priority Overnight
Packaging type:	FedEx Envelope
Number of pieces:	1
Weight:	0.50 lb.
Special handling/Services:	Deliver Weekday
	Residential Delivery
Standard transit:	10/27/2016 by 4:30 pm

Please do not respond to this message. This email was sent from an unattended mailbox. This report was generated at approximately 10:13 AM CDT on 10/27/2016.

All weights are estimated.

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Subject: FW: Plains TWP delivered FedEx Shipment 777567669713 Delivered

Thank you for your business.

Date: Wednesday, November 02, 2016 10:54:53 AM

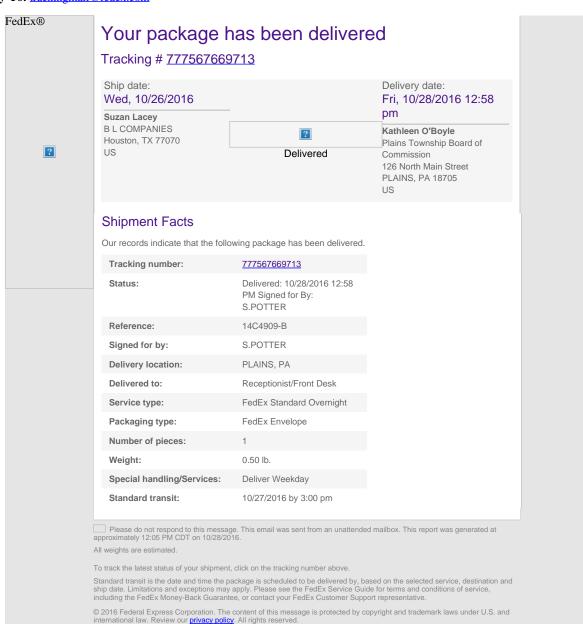
From: trackingupdates@fedex.com

Date: October 28, 2016 at 12:05:49 PM CDT

To: jschembri@blcompanies.com

Subject: FedEx Shipment 777567669713 Delivered

Reply-To: trackingmail@fedex.com



 Subject:
 FW: FedEx Shipment 777567480230 Delivered

 Date:
 Wednesday, November 02, 2016 10:55:19 AM

From: trackingupdates@fedex.com [mailto:trackingupdates@fedex.com]

Sent: Thursday, October 27, 2016 11:24 AM **To:** Schembri, Julie < <u>ischembri@Blcompanies.com</u>> **Subject:** FedEx Shipment 777567480230 Delivered

FedEx®

Your package has been delivered

Tracking # 777567480230

Ship date:
Wed, 10/26/2016
Thu, 10/27/2016 12:22

Suzan Lacey
B L COMPANIES
Houston, TX 77070
US
Ploodplain Administrator
Ross Township
T2 Broadway Road P.O. Box
330
SWEET VALLEY, PA 18656
US

Shipment Facts

Our records indicate that the following package has been delivered.

Tracking number:	777567480230
Status:	Delivered: 10/27/2016 12:22 PM Signed for By: T.DAVIS
Reference:	14C4909-B
Signed for by:	T.DAVIS
Delivery location:	SWEET VALLEY, PA
Delivered to:	Receptionist/Front Desk
Service type:	FedEx Priority Overnight
Packaging type:	FedEx Envelope
Number of pieces:	1
Weight:	0.50 lb.
Special handling/Services:	Deliver Weekday
Standard transit:	10/27/2016 by 4:30 pm

Please do not respond to this message. This email was sent from an unattended mailbox. This report was generated at approximately 11:23 AM CDT on 10/27/2016.

All weights are estimated.

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