



November 2, 2016

Mr. Steven Letavic
Londonderry Township Manager
783 South Geyer Church Road
Middletown, PA 17057

**Reference: Sunoco Pipeline L.P. – Pennsylvania Pipeline Project
Act 167 Stormwater/Floodplain Management Program Consistency Request-
UPDATED Project Workspaces**

Dear Mr. Letavic:

On behalf of Sunoco Pipeline, L.P., Tetra Tech, Inc. is writing to provide updated workspaces/floodplain maps associated with the Pennsylvania Pipeline Project (Project) in Londonderry Township as part of our Chapter 105 Water Obstruction and Encroachment Permit Application and Act 167 Stormwater/Floodplain Management Consistency Request. In a letter dated December 11, 2015, the Township confirmed the Project's consistency with the Township's stormwater/floodplain management program. Please find attached the latest Project mapping identifying the updated Project workspaces in the Township. The updated workspaces are highlighted as additions and subtractions in the maps provided. Note newly added workspaces are identified on Sheets 9 and 10.

As shown, the latest changes to the workspace do not affect the Township's previous consistency determination. The Project is designed, and will be constructed and operated in compliance with the Dauphin Countywide Phase 1 and 2 Watershed Act 167 Stormwater Management Plan and all applicable provisions of 25 Pennsylvania Code, Chapter 102 Regulations (Erosion and Sediment Control) and Post Construction Stormwater Management Best Management Practices including the implementation of Antidegradation Best Available Combination of Technologies (ABACT methods) where applicable, to maintain the designated use of receiving waters in the area and no increase in stormwater runoff, rate or volume would occur.

Consistent with the letter we previously sent, no aboveground facilities or new access roads are proposed in FEMA designated floodways or 100-year floodplains. The newly added workspace identified (on Sheet 9) and associated with the Permanent ROW is located within a FEMA-designated floodway. However, this area would be crossed using horizontal directional drill or boring techniques, reducing surface disturbance and potential Project impacts. In addition, the entire pipeline will be buried and preconstruction contours and elevations will be restored following pipeline installation. The additional workspace identified on Sheet 10 associated with a pump station (previously identified as a block valve) is not located within a FEMA-designated floodway/floodplain.

Based on the information above, we have determined that the updated workspace changes do not affect the Township's previous consistency determination and no response is necessary. If you have further questions/comments or disagree with this determination, please contact me, Ailene Batoon, or Rachel Silva at (716) 849-9419 or via email at ailene.batoon@tetrattech.com or rachel.silva@tetrattech.com within 30 days of receipt of this letter. Thank you for your time.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ailene Batoon'.

Ailene Batoon
Tetra Tech, Inc.

Enclosures: Updated Site Plan/Floodplain Maps

Tetra Tech

301 Ellicott St, Buffalo, New York 14203
Tel 716.849.9419 Fax 716.849.9420 www.tetrattech.com

Sheet Identifier



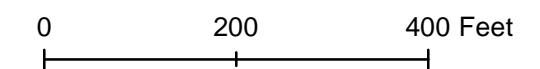
Legend

- Added Workspace
- Subtracted Workspace
- HDD Alignment
- Bore Alignment
- Proposed 20-inch Pipeline
- Proposed 16-inch Pipeline
- ATWS
- Block Valve
- Block Valve Setting LOD
- Permanent Access Road
- Permanent ROW
- Spoil Workspace
- Stations
- Temporary Access Road
- Temporary ROW
- Travel Lane
- Municipal Boundary
- Wetlands

Flood Hazard Zones

- 1% Annual Chance Flood Hazard
- Floodway
- 0.2% Annual Chance Flood Hazard
- Reduced Risk Due to Levee

FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project



Sheet 9 **Scale 1:2400**

Prepared By: **TETRA TECH**

Date:
10/2016

Floodplain & Floodway Data:
National Flood Hazard GIS Layer
Downloaded October, 2015
<http://www.floodmaps.fema.gov/NFHL/status.shtml>

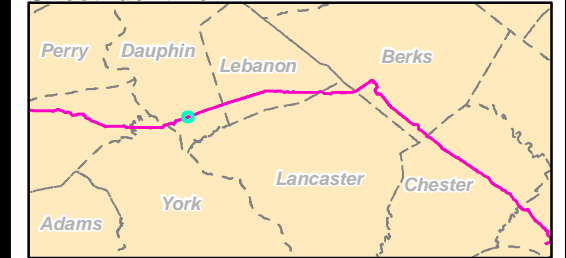


LOWER
SWATARA
MIDDLETOWN



















LONDONDERRY
LOWER
SWATARA

LONDONDERRY





Sheet Identifier



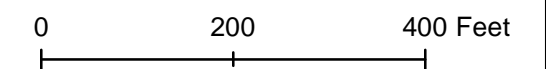
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-  Bore Alignment
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-  Proposed 16-inch Pipeline
-  ATWS
-  Block Valve
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-  Permanent Access Road
-  Permanent ROW
-  Spoil Workspace
-  Stations
-  Temporary Access Road
-  Temporary ROW
-  Travel Lane
-  Municipal Boundary
-  Wetlands

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FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project



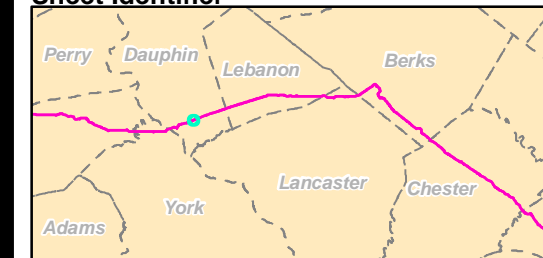
Sheet 10 Scale 1:2400

Prepared By:  TETRA TECH Date: 10/2016



















Floodplain & Floodway Data:
National Flood Hazard GIS Layer
Downloaded October, 2015
<http://www.floodmaps.fema.gov/NFHL/status.shtml>







Sheet Identifier



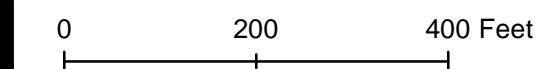
Legend

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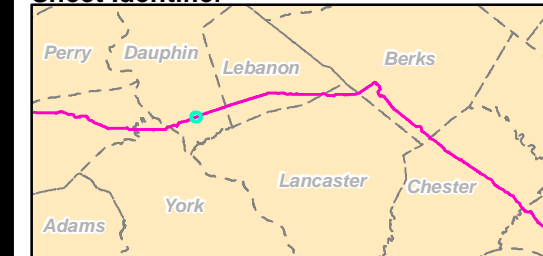
Sheet 11 **Scale 1:2400**

Prepared By: 	Date: 10/2016
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


Floodplain & Floodway Data:
 National Flood Hazard GIS Layer
 Downloaded October, 2015
<http://www.floodmaps.fema.gov/NFHL/status.shtml>







Sheet Identifier



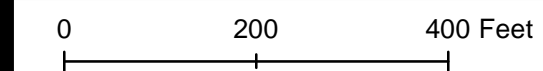
Legend

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FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project



Sheet 12 **Scale 1:2400**

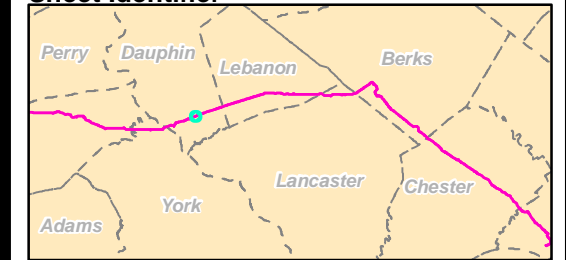
Prepared By: 	Date: 10/2016
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Floodplain & Floodway Data:
 National Flood Hazard GIS Layer
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<http://www.floodmaps.fema.gov/NFHL/status.shtml>





















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Sheet Identifier



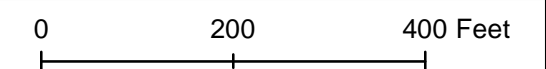
Legend

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FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project



Sheet 13 **Scale 1:2400**

Prepared By: 	Date: 10/2016
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Floodplain & Floodway Data:
National Flood Hazard GIS Layer
Downloaded October, 2015
<http://www.floodmaps.fema.gov/NFHL/status.shtml>





















DERRY
LONDONDERRY





Sheet Identifier



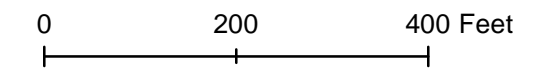
Legend

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FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project



Sheet 14 Scale 1:2400

Prepared By: 

Date:
10/2016


Floodplain & Floodway Data:
National Flood Hazard GIS Layer
Downloaded October, 2015
<http://www.floodmaps.fema.gov/NFHL/status.shtml>



From: trackingupdates@fedex.com
Sent: Thursday, November 03, 2016 10:41 AM
To: Silva, Rachel
Subject: FedEx Shipment 777620698026 Delivered

Your package has been delivered

Tracking # 777620698026

Ship date: Wed, 11/2/2016	Delivery date: Thu, 11/3/2016 10:39 am
AILENE BATOON	
TETRA TECH - HOME Buffalo, NY 14203 US	 Delivered
	Steven Letavic Londonderry Township 783 South Geyer Church Road MIDDLETOWN, PA 17057 US

Shipment Facts

Our records indicate that the following package has been delivered.

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Status:	Delivered: 11/03/2016 10:39 AM Signed for By: C.FEESE
Reference:	112IC05958 Task 16
Signed for by:	C.FEESE
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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:	Direct Signature Required Deliver Weekday
Standard transit:	11/3/2016 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 9:40 AM CDT on 11/03/2016.

All weights are estimated.

