



November 2, 2016

Lower Swatara Township Board of Commissioners  
1499 Spring Garden Drive  
Middletown, PA 17057

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

Dear Commissioners:

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 Lower Swatara Township as part of our Chapter 105 Water Obstruction and Encroachment Permit Application and request for Act 167 Stormwater/Floodplain Management Consistency Request. In a letter dated December 3, 2015, the Township confirmed the Project's consistency with the Township's stormwater/floodplain management program. We would like to request input on the attached latest Project mapping identifying the updated Project workspaces in your township. Updated workspaces are highlighted as additions and subtractions. Note newly added workspaces were identified on Sheets 2-5 and Sheet 9.

As shown, the latest changes to the workspace do not affect the Township's previous consistency determination. The Project ROW remains located within Lower Swatara Township, which has adopted the Dauphin Countywide Phase 1 and 2 Watershed Act 167 Stormwater Management Plan. The Project will be designed, constructed, and operated in compliance with 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 identified workspaces added for temporary use during construction (on Sheets 2-4) would cross FEMA-designated floodways and 100 and 500 year floodplains. However, use of these areas would be limited to construction and would be temporary. The additional amounts of workspace identified (on Sheets 5 and 9) would also be used temporarily during construction for HDD pullback and as travel lane.

Based on the above information, 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](mailto:ailene.batoon@tetrattech.com) or [rachel.silva@tetrattech.com](mailto: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](http://www.tetrattech.com)

LOWER  
SWATARA  
FAIRVIEW





**Sheet Identifier**



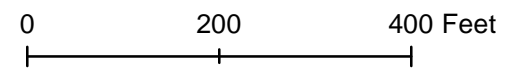
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-  Added Workspace
-  Subtracted Workspace
-  HDD Alignment
-  Bore Alignment
-  Proposed 20-inch Pipeline
-  Proposed 16-inch Pipeline
-  ATWS
-  Block Valve
-  Block Valve Setting LOD
-  Permanent Access Road
-  Permanent ROW
-  Spoil Workspace
-  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 1                      Scale 1:2400

Prepared By: 

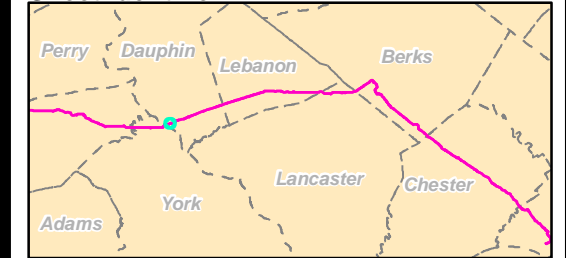
Date:  
10/2016

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





















HIGHSPIRE  
LOWER  
SWATARA





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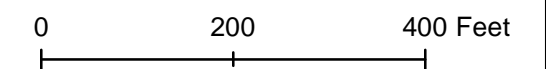
**Legend**

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**Flood Hazard Zones**

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**FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project**



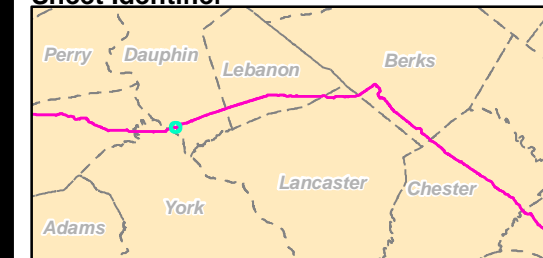
Sheet 2 Scale 1:2400

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**



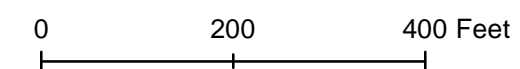
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**Flood Hazard Zones**

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**FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project**



**Sheet 3** **Scale 1:2400**

Prepared By:	Date: 10/2016
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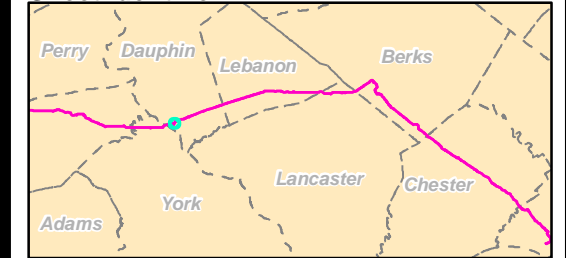
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Downloaded October, 2015  
<http://www.floodmaps.fema.gov/NFHL/status.shtml>





















HIGHSPIRE  
LOWER  
SWATARA

HIGHSPIRE  
LOWER  
SWATARA





**Sheet Identifier**



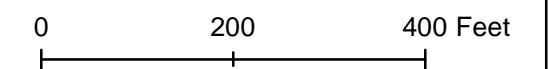
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**FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project**



Sheet 4                      Scale 1:2400

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





















LOWERSW





### Sheet Identifier



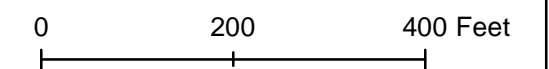
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### FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project



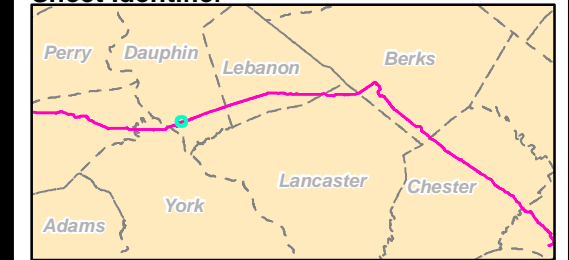
Sheet 5                      Scale 1:2400

Prepared By:  TETRA TECH                      Date: 10/2016



















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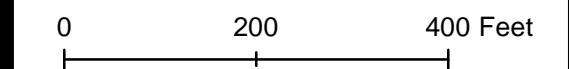
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### FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project



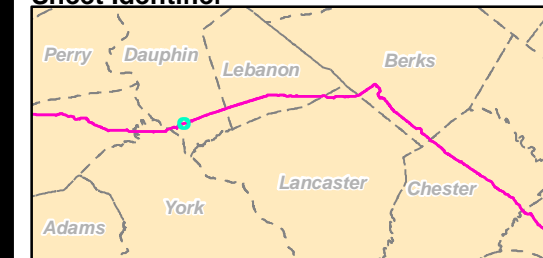
Sheet 6 Scale 1:2400

Prepared By:  TETRA TECH Date: 10/2016



















Floodplain & Floodway Data:  
National Flood Hazard GIS Layer  
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**Sheet Identifier**



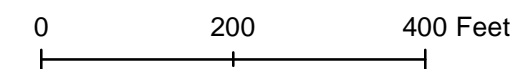
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**FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project**



**Sheet 7** **Scale 1:2400**

Prepared By: 	Date: 10/2016
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<http://www.floodmaps.fema.gov/NFHL/status.shtml>



LOWER  
SWATARA  
MIDDLETOWN

**Sheet Identifier**



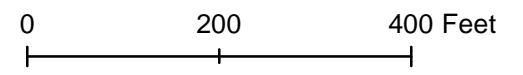
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**FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project**

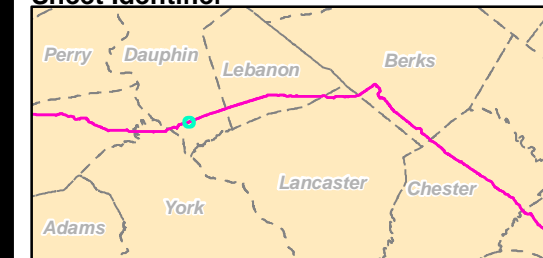


Sheet 8 Scale 1:2400























Prepared By:		Date:	10/2016
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Floodplain & Floodway Data:  
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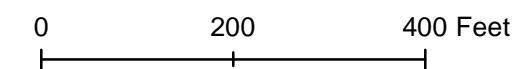
**Sheet Identifier**



**Legend**

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**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

**From:** TrackingUpdates@fedex.com  
**Sent:** Thursday, November 03, 2016 10:26 AM  
**To:** Silva, Rachel  
**Subject:** FedEx Shipment 777617060133 Delivered

## Your package has been delivered

Tracking # 777617060133

Ship date: <b>Wed, 11/2/2016</b>	Delivery date: <b>Thu, 11/3/2016 10:23 am</b>
<b>AILENE BATOON</b>	<b>Samuel Monticello</b>
TETRA TECH - HOME Buffalo, NY 14203 US	Lower Swatara Township 1499 Spring Garden Drive MIDDLETOWN, PA 17057 US




**Delivered**



### Shipment Facts

Our records indicate that the following package has been delivered.

<b>Tracking number:</b>	<a href="#">777617060133</a>
<b>Status:</b>	Delivered: 11/03/2016 10:23 AM Signed for By: T.BECHTEL
<b>Reference:</b>	112IC05958 Task 16
<b>Signed for by:</b>	T.BECHTEL
<b>Delivery location:</b>	MIDDLETOWN, PA
<b>Delivered to:</b>	Receptionist/Front Desk
<b>Service type:</b>	FedEx Standard Overnight
<b>Packaging type:</b>	FedEx Envelope
<b>Number of pieces:</b>	1
<b>Weight:</b>	0.50 lb.
<b>Special handling/Services:</b>	Direct Signature Required Deliver Weekday
<b>Standard transit:</b>	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 9:26 AM CDT on 11/03/2016.