



November 2, 2016

Mimi Gleason  
West Whiteland Township Manager  
101 Commerce Drive  
Exton, PA 19341

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

Dear Manager Gleason:

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 West Whiteland Township (Township) as part of our Chapter 105 Water Obstruction and Encroachment Permit Application and request for Act 167 Stormwater/Floodplain Management Consistency Request. Similar to our previous requests on November 18, 2015 and February 8, 2016, we continue to seek consistency determination from West Whiteland Township in regard to the local Floodplain Management and Stormwater Management Program pursuant to 25 Pennsylvania Code, Chapter 105 Regulations (Sections 105.14(b)(9), 105.13(e)(1)(v-vi)), and under the Stormwater Management Act (32 P.S., §§ 680.1—680.17), respectively. This letter is being sent in addition to ongoing coordination currently occurring with the Township regarding stormwater consistency. 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 additional workspaces are shown in Sheets 26-27, 32, 34, and 36.

As shown, the latest changes to the workspace do not affect our previous stormwater consistency analysis. The Project is designed, and will be constructed and operated in compliance with the Chester Creek Act 167 Stormwater Management Plan and all applicable provisions of 25 Pennsylvania Code, Chapter 102 Regulations.

Consistent with the maps we previously sent, no aboveground facilities and no new access roads are proposed in FEMA designated floodways or 100-year floodplains. Approximately 0.5-acre of the newly added temporary workspace area (shown on Sheet 26) is located within a FEMA designated Special Flood Hazard Area Zone A (100-year floodplain). However, no pipeline/aboveground facilities or structures will be installed in this temporary workspace.

Based on the above information, we have determined that the updated workspace changes do not affect our previous stormwater/floodplain consistency analysis. SPLP will continue to coordinate with the Township to ensure consistency with the Township's stormwater management plan separately. If you have questions/comments regarding this letter 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,  
Tetra Tech, Inc.

A handwritten signature in black ink, appearing to read 'Ailene Batoon', written over a horizontal line.

Ailene Batoon

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)

UWCHLAN  
WEST  
WHITELAND





**Sheet Identifier**



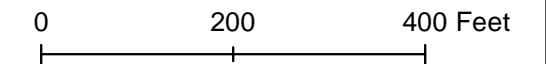
**Legend**

-  Added Workspace
-  Subtracted Workspace
-  HDD Alignment
-  Bore Alignment
-  Proposed 20-inch Pipeline
-  Proposed 16-inch Pipeline
-  ATWS
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-  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 25                      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**



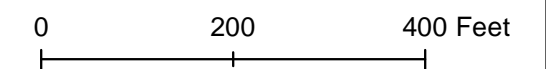
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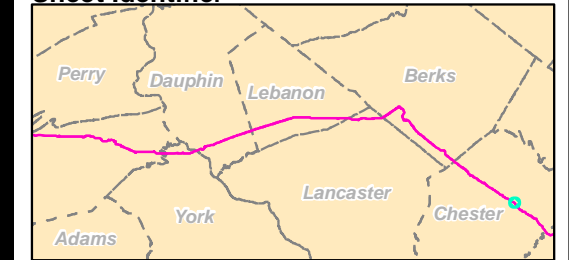
**Sheet 26** **Scale 1:2400**

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>







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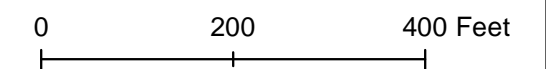
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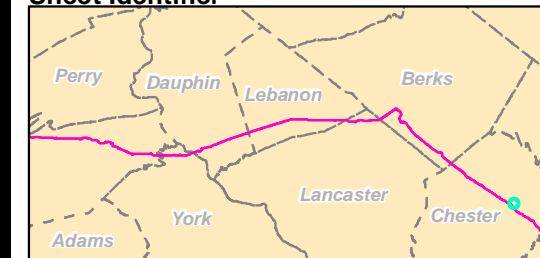
Sheet 27                      Scale 1:2400

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







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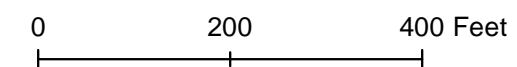
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**FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project**



**Sheet 28** **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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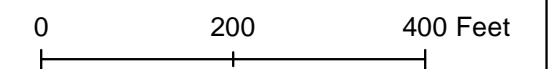
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**Sheet 29** **Scale 1:2400**

<b>Prepared By:</b> 	<b>Date:</b> 10/2016
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














EAST  
WIDELAND  
WEST  
WIDELAND





**Sheet Identifier**



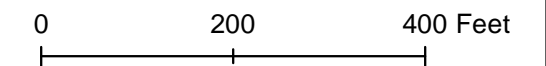
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Sheet 30

Scale 1:2400

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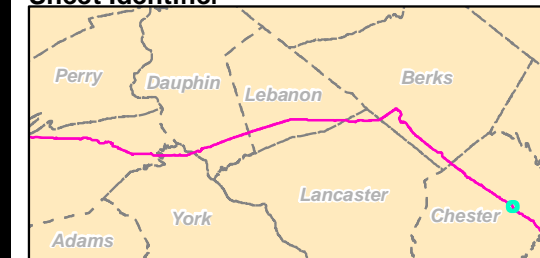
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10/2016



















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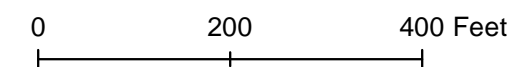
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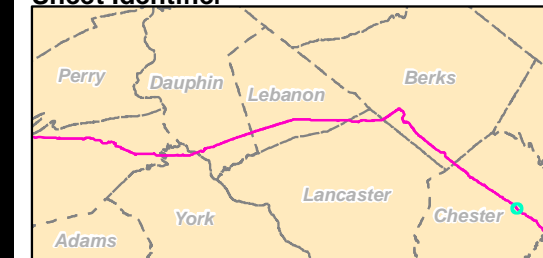
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Prepared By: 	Date: 10/2016
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











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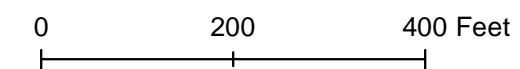
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**Sheet 33** **Scale 1:2400**

Prepared By: 	Date: 10/2016
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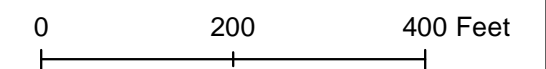
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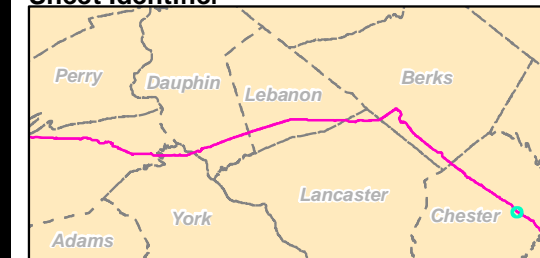
**Sheet 34**                      **Scale 1:2400**

<b>Prepared By:</b> 	<b>Date:</b> 10/2016
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











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
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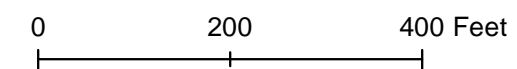
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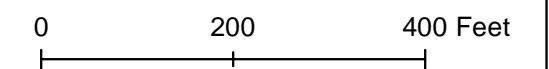
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**Sheet 36** **Scale 1:2400**

Prepared By:	Date: 10/2016
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WEST  
WHITELAND  
WEST GOSHEN

**From:** trackingupdates@fedex.com  
**Sent:** Thursday, November 03, 2016 9:15 AM  
**To:** Silva, Rachel  
**Subject:** FedEx Shipment 777621390230 Delivered

## Your package has been delivered

Tracking # 777621390230

Ship date: <b>Wed, 11/2/2016</b>	Delivery date: <b>Thu, 11/3/2016 9:11 am</b>	
<b>AILENE BATOON</b> TETRA TECH - HOME Buffalo, NY 14203 US	 <b>Delivered</b>	<b>Mimi Gleason</b> West Whiteland Township 101 Commerce Drive EXTON, PA 19341 US

### Shipment Facts

Our records indicate that the following package has been delivered.

<b>Tracking number:</b>	<a href="#">777621390230</a>
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<b>Reference:</b>	112IC05958 Task 16
<b>Signed for by:</b>	S.REIDL
<b>Delivery location:</b>	EXTON, 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 8:14 AM CDT on 11/03/2016.

All weights are estimated.