



November 4, 2016

Mr. Allen Styer, III, Mr. Paul Whiteman, Jr., Ms. Sandy Styer, Mr. Scott Moyer,  
and Ms. Jennifer Tennant  
Caernarvon Township Board of Supervisors  
3226 Main Street  
Morgantown, PA 19543

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

Dear Supervisors:

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 Caernarvon Township (Township) as part of our Chapter 105 Water Obstruction and Encroachment Permit Application and Act 167 Stormwater/Floodplain Management Consistency Request. Similar to our previous requests on November 10, 2015 and February 8, 2016, we are requesting a consistency letter from the 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. 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 minimal workspaces were added for the Project pipeline ROW in Sheets 40 and 41.

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 Schuylkill River Watershed Act 167 plan, Conestoga River Watershed Act 167 Plans, and the applicable provisions of 25 Pennsylvania Code, Chapter 102 Regulations

Consistent with the maps we previously sent, no aboveground facilities or new access roads are proposed in FEMA designated floodways or 100-year floodplains. The Project pipeline ROW would still cross FEMA designated Special Flood Hazard Area Zone A (100-year floodplain). However, this area would be crossed using horizontal directional drill techniques, reducing surface disturbance and potential Project impacts. Nonetheless, the entire pipeline will be buried and preconstruction contours and elevations will be restored following pipeline installation.

Based on the above information, we have determined that the updated workspace changes do not affect our previous stormwater/floodplain consistency analysis. Calculations for stormwater runoff and revised erosion and sediment control plans will be provided shortly in a separate correspondence per the Township's request. If you have questions/comments regarding the information provided in this letter, please do not hesitate to 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,

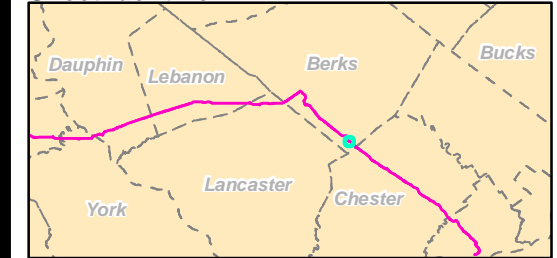
A handwritten signature in black ink, appearing to read 'Ailene Batoon'.

Ailene Batoon  
Tetra Tech, Inc.



















Enclosures: Updated Site Plan/Floodplain Maps

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
**Sheet Identifier**



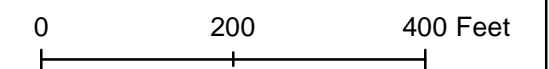
**Legend**

-  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 40                      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**



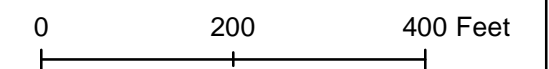
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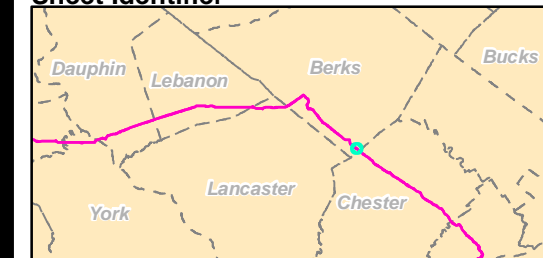
**Sheet 41** **Scale 1:2400**

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**



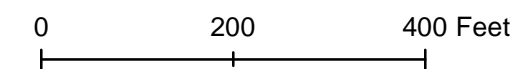
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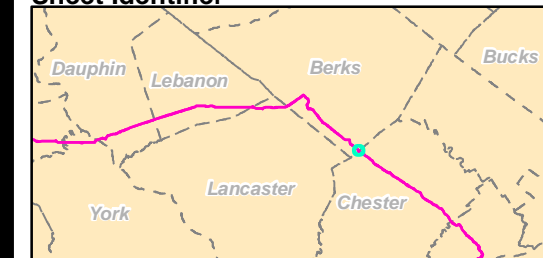
**Sheet 42** **Scale 1:2400**

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**



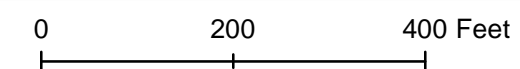
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**FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project**



**Sheet 43** **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>




GAERNARVON  
ELVERSON

**From:** TrackingUpdates@fedex.com  
**Sent:** Monday, November 07, 2016 9:50 AM  
**To:** Silva, Rachel  
**Subject:** FedEx Shipment 777642245048 Delivered

## Your package has been delivered

Tracking # 777642245048

Ship date: <b>Fri, 11/4/2016</b>	Delivery date: <b>Mon, 11/7/2016 9:45 am</b>
<b>AILENE BATOON</b>	
TETRA TECH - HOME	
Buffalo, NY 14203	
US	
	
<b>Delivered</b>	
	<b>Board of Supervisors</b>
	Caernarvon Township
	3226 Main Street
	MORGANTOWN, PA 19543
	US

### Shipment Facts

Our records indicate that the following package has been delivered.

<b>Tracking number:</b>	<a href="#">777642245048</a>
<b>Status:</b>	Delivered: 11/07/2016 09:45 AM Signed for By: R.MILLER
<b>Reference:</b>	112IC05958, 16
<b>Signed for by:</b>	R.MILLER
<b>Delivery location:</b>	MORGANTOWN, 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>	11/7/2016 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 8:49 AM CST on 11/07/2016.

All weights are estimated.

