



November 2, 2016

Upper Uwchlan Township Manager  
140 Pottstown Pike  
Chester Springs, PA 19425

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

Dear Sir/Madam:

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 Upper Uwchlan 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 18, 2015 and February 8, 2016, we are continuing to seek a consistency determination from Upper Uwchlan 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. 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 14, 15, 16, and 18.

As shown, the latest changes to the workspace do not affect our previous stormwater consistency analysis. The Project is designed, and would be constructed and operated in compliance with Chester County's 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 and no new access roads are proposed in FEMA designated floodways or 100-year floodplains. Some of the newly added workspace for the Project pipeline right-of-way (shown on Sheet 16) will be located within a 100-year floodplain. However, the pipeline will be buried and preconstruction contours and elevations will be restored following pipeline installation in this workspace.

Based on the above information, we have determined that the updated workspace changes do not affect our previous floodplain/stormwater 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,  
Tetra Tech, Inc.

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

Ailene Batoon

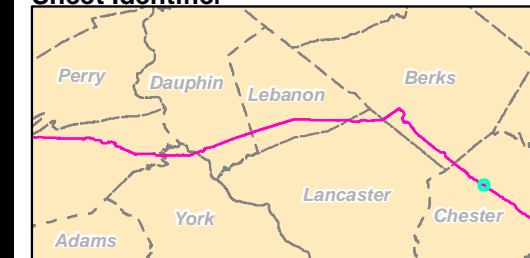
Enclosures: Updated Site Plan/Floodplain Maps

Tetra Tech



















301 Ellicott St, Buffalo, New York 14203  
Tel 716.849.9419 Fax 716.849.9420 [www.tetrattech.com](http://www.tetrattech.com)

UPPER  
MIDDLE  
WALLAGE





**Sheet Identifier**



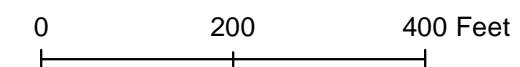
**Legend**

-  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**



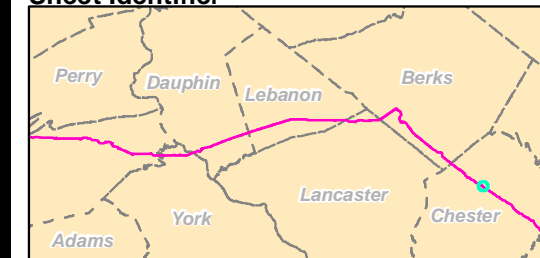
Sheet 14                      Scale 1:2400

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| Prepared By:  | Date:<br>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**



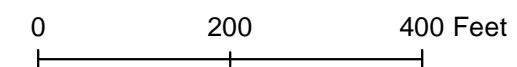
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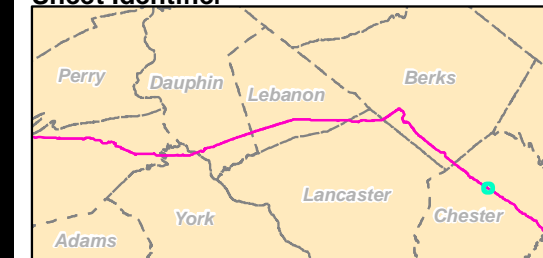
**Sheet 15** **Scale 1:2400**

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| Prepared By:  TETRA TECH | Date:<br>10/2016 |
|--------------------------|------------------|



















Floodplain & Floodway Data:  
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**Sheet Identifier**



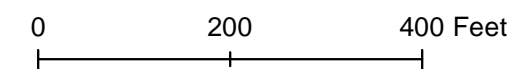
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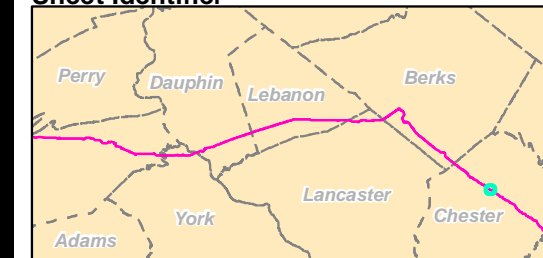
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










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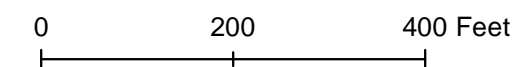
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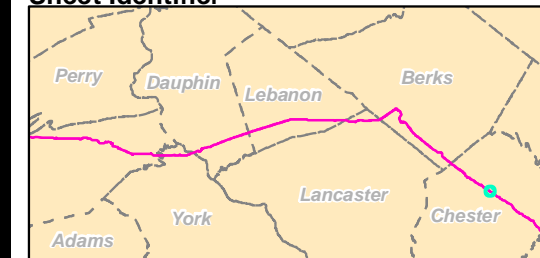
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











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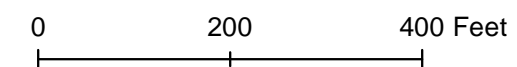
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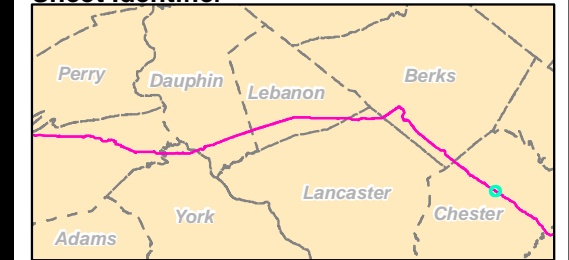
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Floodplain & Floodway Data:  
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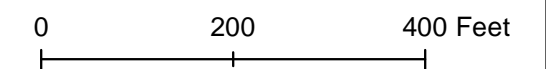
**Legend**

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



**Sheet 19** **Scale 1:2400**

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| <b>Prepared By:</b><br> | <b>Date:</b><br>10/2016 |
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Floodplain & Floodway Data:  
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**Sheet Identifier**



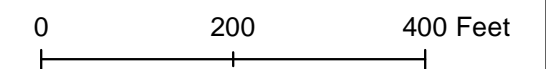
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Sheet 20 Scale 1:2400

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| Prepared By:  | Date:<br>10/2016 |
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**From:** TrackingUpdates@fedex.com  
**Sent:** Thursday, November 03, 2016 2:54 PM  
**To:** Silva, Rachel  
**Subject:** FedEx Shipment 777621370878 Delivered

## Your package has been delivered

Tracking # 777621370878

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|--|---|
| Ship date:<br><b>Wed, 11/2/2016</b>                                  | Delivery date:<br><b>Thu, 11/3/2016 2:46 pm</b>   |
| <b>AILENE BATOON</b><br>TETRA TECH - HOME<br>Buffalo, NY 14203<br>US | <b>Township Manager</b><br>Upper Uwchlan Township<br>140 Pottstown Pike<br>CHESTER SPRINGS, PA<br>19425<br>US |



**Delivered**



### Shipment Facts

Our records indicate that the following package has been delivered.

|                                   |   |
|-----------------------------------|---|
| <b>Tracking number:</b>           | <a href="#"><u>777621370878</u></a>                       |
| <b>Status:</b>                    | Delivered: 11/03/2016 2:46 PM<br>Signed for By: K.MCGRATH |
| <b>Reference:</b>                 | 112IC05958 Task 16  |
| <b>Signed for by:</b>             | K.MCGRATH   |
| <b>Delivery location:</b>         | CHESTER SPRINGS, 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<br>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 1:54 PM CDT on 11/03/2016.