



November 2, 2016

W. Bruce Clark
Middletown Township
27 North Pennell Road
P.O. Box 157
Lima, PA 19037

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

Dear Mr. Clark:

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 Middletown 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 are continuing to seek a consistency determination from Middletown 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 your Township. The updated workspaces are highlighted as additions and subtractions in the maps provided. Note additional workspaces/shifts in the workspace are shown on Sheets 7, 9-10, 11-14, and 17.

As shown, the latest changes to the workspace do not affect our previous stormwater consistency analysis. The Project will be designed, constructed, and operated in compliance with the Chester Creek Act 167 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 on Sheet 7 would be located within a FEMA-designated floodway. However, this workspace would be limited to construction use only and thus would be temporary. The additional workspace identified for roadway access along the wetland (on Sheet 7) is located within a 100 and 500-year floodplain, but currently exists.

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

A handwritten signature in black ink, appearing to read 'Ailene Batoon', written over the printed name.

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

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
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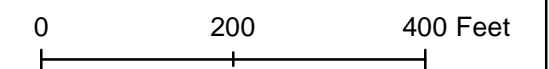
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-  Added Workspace
-  Subtracted Workspace
-  HDD Alignment
-  Bore Alignment
-  Proposed 20-inch Pipeline
-  Proposed 16-inch Pipeline
-  ATWS
-  Block Valve
-  Block Valve Setting LOD
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-  Permanent ROW
-  Spoil Workspace
-  Stations
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-  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



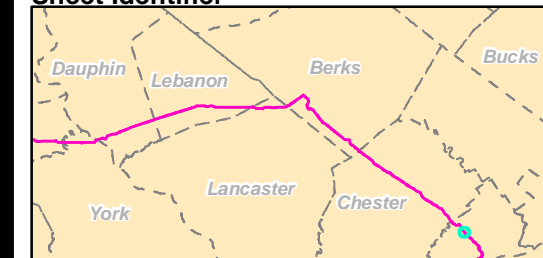
Sheet 7 Scale 1:2400

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







Sheet Identifier



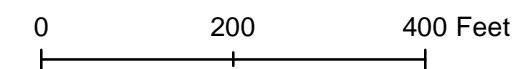
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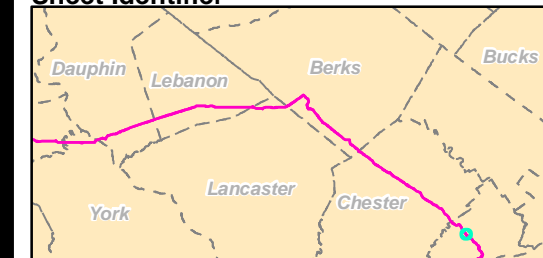
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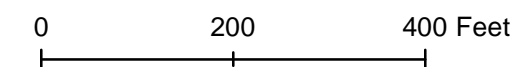
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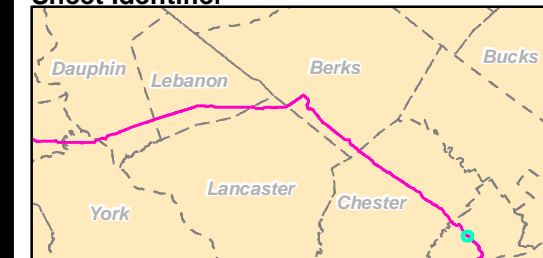
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


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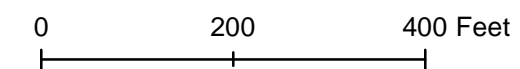
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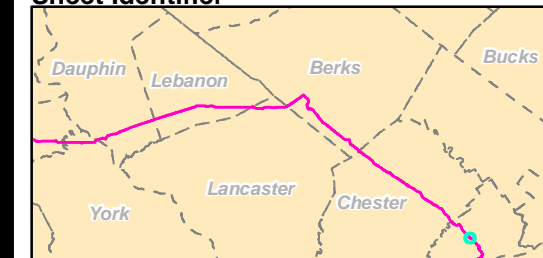
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


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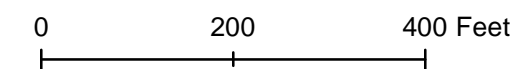
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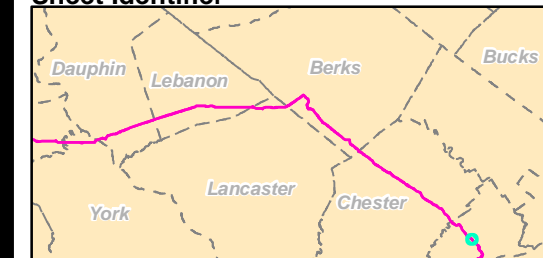
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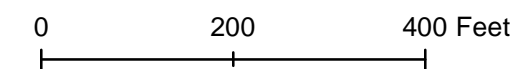
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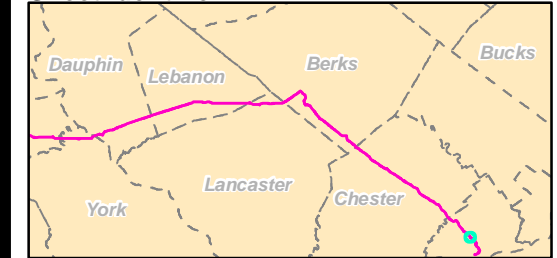
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




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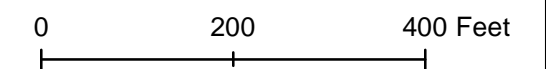
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Sheet 13

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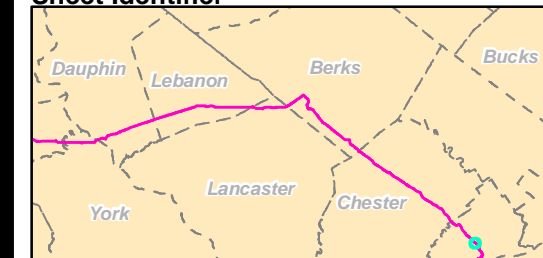
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


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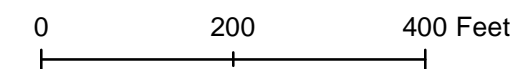
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FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project



Sheet 14 Scale 1:2400

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
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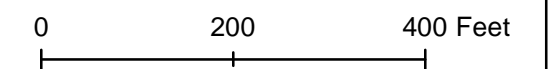
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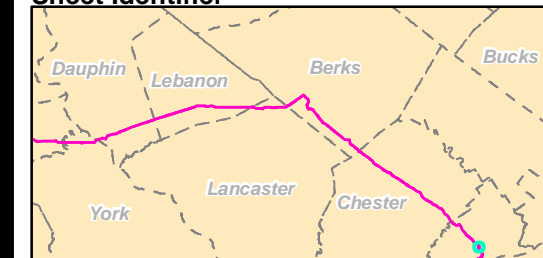
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Prepared By:  **TETRA TECH** Date: **10/2016**



















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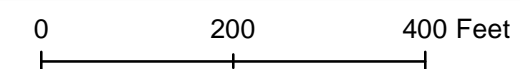
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FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project



Sheet 16 **Scale 1:2400**

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Sheet Identifier



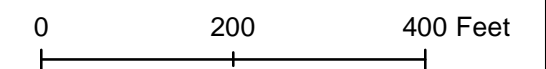
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Sheet 17

Scale 1:2400

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Date:

10/2016

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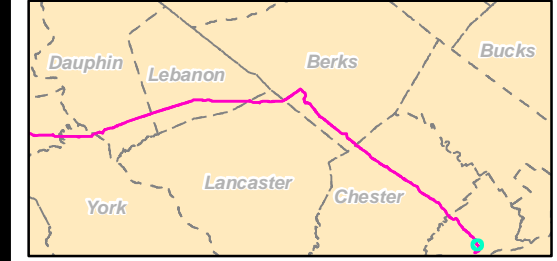


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












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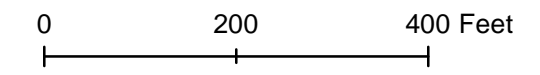
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Sheet 18 Scale 1:2400

Prepared By:



Date:

10/2016


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From: TrackingUpdates@fedex.com
Sent: Thursday, November 03, 2016 9:54 AM
To: Silva, Rachel
Subject: FedEx Shipment 777621756474 Delivered

Your package has been delivered

Tracking # 777621756474

Ship date: Wed, 11/2/2016	Delivery date: Thu, 11/3/2016 9:51 am	
AILENE BATOON TETRA TECH - HOME Buffalo, NY 14203 US	 Delivered	W. Bruce Clark Middletown Township 27 North Pennell Road LIMA, PA 19037 US

Shipment Facts

Our records indicate that the following package has been delivered.

Tracking number:	777621756474
Status:	Delivered: 11/03/2016 09:51 AM Signed for By: H.MARINO
Reference:	112IC05958, 16
Signed for by:	H.MARINO
Delivery location:	LIMA, PA
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 8:54 AM CDT on 11/03/2016.

All weights are estimated.