



November 2, 2016

Loyalhanna Township
Board of Supervisors
220 5th Street
Saltsburg, PA 15681

**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 Loyalhanna 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 24, 2015, the Township indicated that the Township does not have a stormwater management program, but confirmed the Project's consistency with the Township's floodplain management program. We would like to request input on the attached latest Project mapping identifying the updated Project workspaces in your Township. The updated workspaces are highlighted as additions and subtractions in the maps provided.

As shown, the latest changes to the workspace do not affect the Township's previous consistency determination. Although the Township does not have a stormwater management program, the Project ROW remains located within Loyalhanna Township, which is under purview of the Westmoreland County Conservation District's stormwater management regulations. 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.

The Project has modified the alignment of a temporary access road in your township and has expanded some workspaces at wetland and road crossings. However, 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 updated Project workspaces continue to cross designated FEMA Special Flood Hazard Areas Zones A and X. Some of these areas would be crossed using horizontal directional drill or boring 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, 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 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 a faint circular stamp.

Ailene Batoon

Enclosures: Updated Site Plan/Floodplain Maps

Tetra Tech




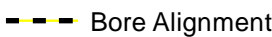
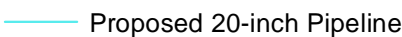
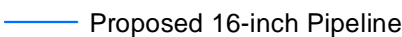







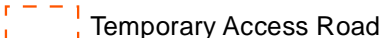




301 Ellicott St, Buffalo, New York 14203
Tel 716.849.9419 Fax 716.849.9420 www.tetrattech.com

LOYALHANNA
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


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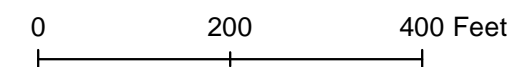
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Flood Hazard Zones

-  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 63 Scale 1:2400

Prepared By:  TETRA TECH Date: 10/2016




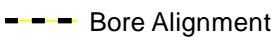
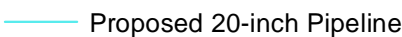
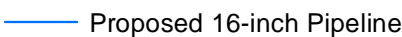












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<http://www.floodmaps.fema.gov/NFHL/status.shtml>







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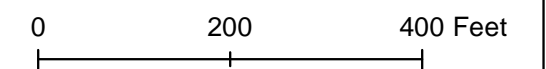
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Sheet 64

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Prepared By:



Date:

10/2016

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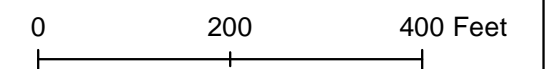
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Sheet 65 **Scale 1:2400**

Prepared By: TETRA TECH Date: 10/2016




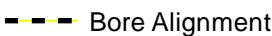
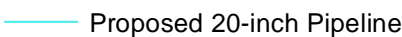
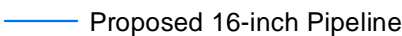












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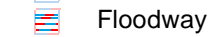

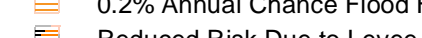
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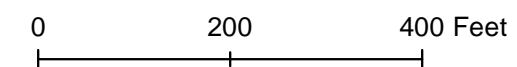
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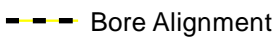
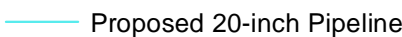
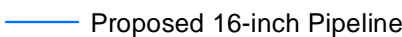




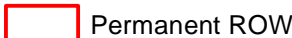
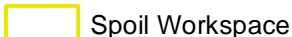






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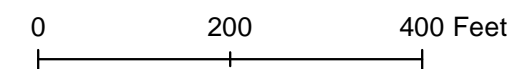
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Sheet 67 **Scale 1:2400**

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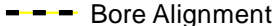
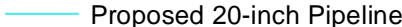






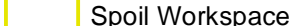






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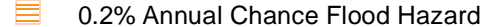

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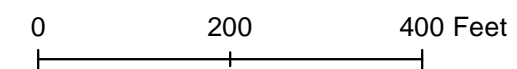
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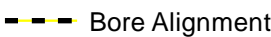
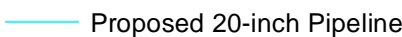
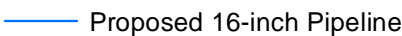












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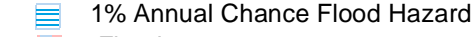


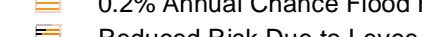
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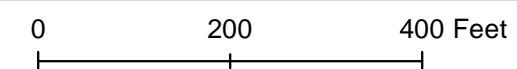
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FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project



Sheet 69 **Scale 1:2400**




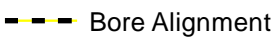
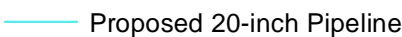
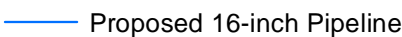




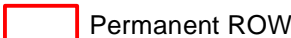







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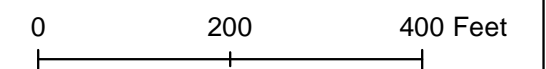
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Sheet 70 **Scale 1:2400**

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



















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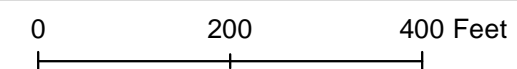
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Sheet 71 **Scale 1:2400**



















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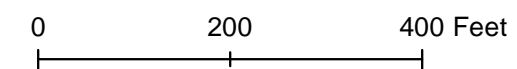
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Sheet 72 **Scale 1:2400**

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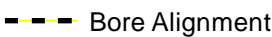
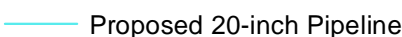






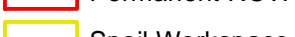

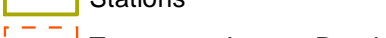
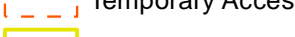
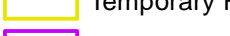
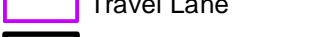

**LOYALHANNA
DERRY**

LOYALHANNA
DERRY





Sheet Identifier



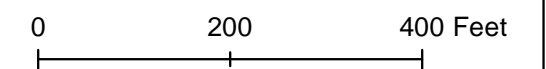
Legend

-  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
-  Wetlands10222016

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 73

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>



From: trackingupdates@fedex.com
Sent: Thursday, November 03, 2016 11:07 AM
To: Silva, Rachel
Subject: FedEx Shipment 777616675309 Delivered

Your package has been delivered

Tracking # 777616675309

Ship date: Wed, 11/2/2016	Delivery date: Thu, 11/3/2016 11:04 am
AILENE BATOON	
TETRA TECH - HOME Buffalo, NY 14203 US	 Delivered
	Board of Supervisors Loyalhanna Township 220 5th Street SALTSBURG, PA 15681 US

Shipment Facts

Our records indicate that the following package has been delivered.

Tracking number:	777616675309
Status:	Delivered: 11/03/2016 11:04 AM Signed for By: T.MCKNIGHT
Reference:	112IC05958, 16
Signed for by:	T.MCKNIGHT
Delivery location:	SALTSBURG, 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 4:30 pm



Please do not respond to this message. This email was sent from an unattended mailbox. This report was generated at approximately 10:07 AM CDT on 11/03/2016.