



November 2, 2016

Karen Heishman  
Lower Frankford Township Manager  
1205 Easy Road  
Carlisle, PA 17015

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

Dear Ms. Heishman:

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 Lower Frankford 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 January 20, 2016, the Township confirmed the Project's consistency with the Township's Stormwater/Floodplain management programs. We would like to request input on the attached 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 identified on Sheets 17 and 21, and workspace reductions are shown on Sheets 16 and 17.

As shown, the latest changes to the workspace do not affect the Township's previous consistency determination. The Project is designed, and would be constructed and operated in compliance with the Cumberland County 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 or new access roads are proposed in FEMA designated floodways or 100-year floodplains. The newly identified workspaces on Sheets 17 and 21 would be limited to use during construction only and as additional temporary workspace for spoil space/storage and are not located with a FEMA designated floodway or floodplain.

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](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'.

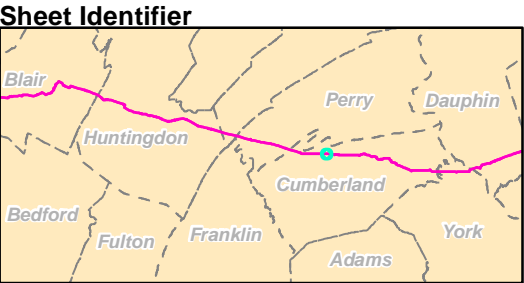
Ailene Batoon  
Tetra Tech, Inc.

Enclosures: Updated Site Plan/Floodplain Maps

Tetra Tech

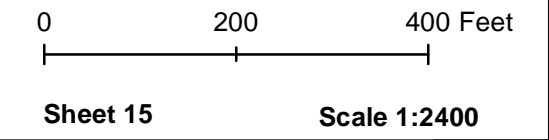
301 Ellicott St, Buffalo, New York 14203  
Tel 716.849.9419 Fax 716.849.9420 [www.tetrattech.com](http://www.tetrattech.com)

UPPER  
FRANKFORD  
LOWER  
FRANKFORD

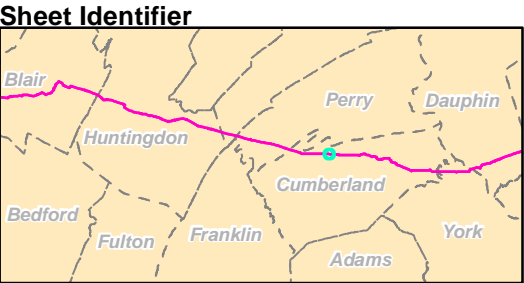


- Legend
- Added Workspace
  - Subtracted Workspace
  - HDD Alignment
  - Bore Alignment
  - Proposed 20-inch Pipeline
  - Proposed 16-inch Pipeline
  - ATWS
  - Block Valve
  - Block Valve Setting LOD
  - Permanent Access Road
  - Permanent ROW
  - Spoil Workspace
  - Stations
  - Temporary Access Road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



Prepared By:		Date:
		10/2016



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FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project

0200400 Feet

Sheet 16Scale 1:2400


Prepared By:

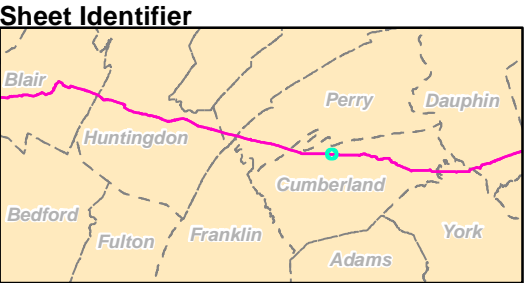


Date:

10/2016

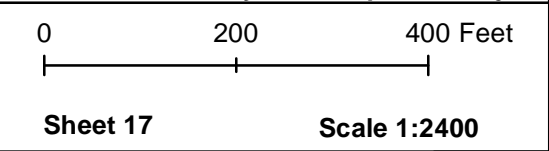
Floodplain & Floodway Data:  
National Flood Hazard GIS Layer  
Downloaded October, 2015  
<http://www.floodmaps.fema.gov/NFHL/status.shtml>



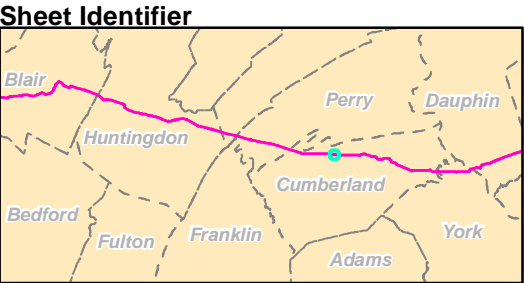


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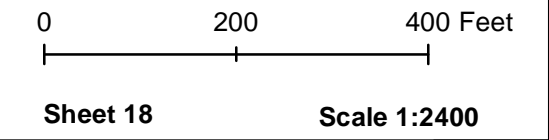
Prepared By:		Date:
		10/2016



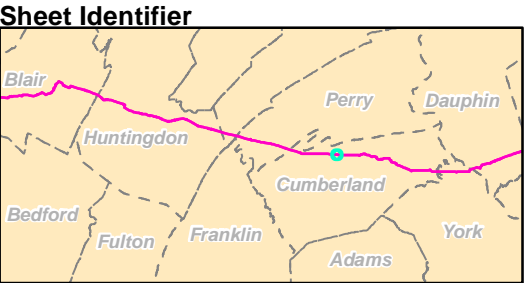
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**FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project**



<b>Prepared By:</b> 	<b>Date:</b> 10/2016
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**FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project**

0200400 Feet

Sheet 19Scale 1:2400


Prepared By:

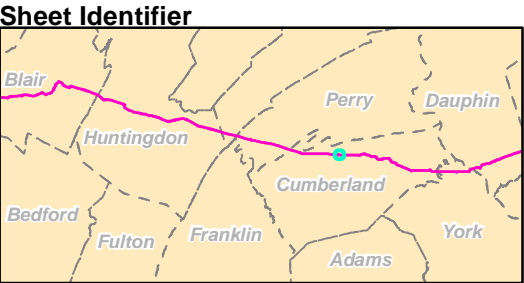


Date:

10/2016

Floodplain & Floodway Data:  
National Flood Hazard GIS Layer  
Downloaded October, 2015  
<http://www.floodmaps.fema.gov/NFHL/status.shtml>





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0200400 Feet

Sheet 20Scale 1:2400


Prepared By:

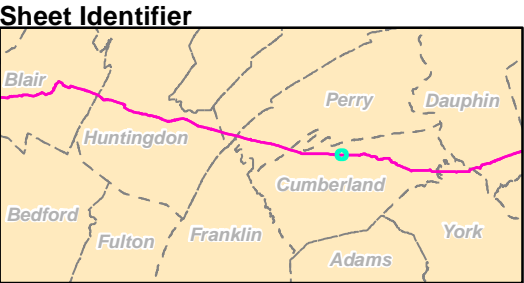


Date:

10/2016

Floodplain & Floodway Data:  
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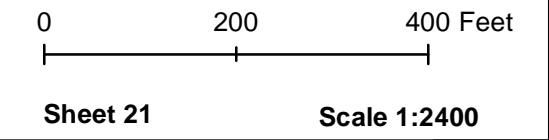




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		10/2016

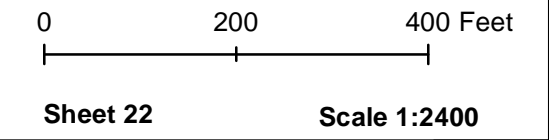




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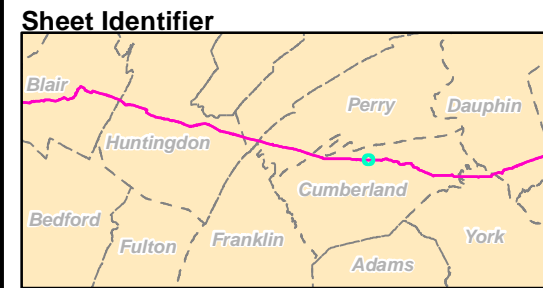
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Prepared By:		Date:
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NORTH  
MIDDLETON  
LOWER  
FRANKFORD



**Legend**

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

0 200 400 Feet

Sheet 23 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:** Friday, November 04, 2016 11:51 AM  
**To:** Silva, Rachel  
**Subject:** FedEx Shipment 777616949700 Delivered

# Your package has been delivered

Tracking # 777616949700

Ship date: <b>Wed, 11/2/2016</b>	Delivery date: <b>Fri, 11/4/2016 11:48 am</b>	
<b>AILENE BATOON</b> TETRA TECH - HOME Buffalo, NY 14203 US	 <b>Delivered</b>	<b>Karen Heishman</b> Lower Frankford Township 1205 Easy Rd CARLISLE, PA 17015 US

## Shipment Facts

Our records indicate that the following package has been delivered.

Tracking number:	<a href="#">777616949700</a>
Status:	Delivered: 11/04/2016 11:48 AM Signed for By: K.MARSHALL
Door Tag number:	DT103772500026
Reference:	112IC05958, 16
Signed for by:	K.MARSHALL
Delivery location:	CARLISLE, 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