



November 4, 2016

Mr. Jeffrey M. Fiant, Mr. Richard K. Burkhart, and Mr. F. Mark Weber
Brecknock Township Board of Supervisors
889 Alleghenyville Road
Mohnton, PA 19540

**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 Brecknock Township as part of our Chapter 105 Water Obstruction and Encroachment Permit Application and Act 167 Stormwater/Floodplain Management Consistency Request. In a letter dated February 23, 2016, the Township confirmed the Project's consistency with the Township's Stormwater/Floodplain management programs. 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 newly added workspaces are shown on Sheets 26, 28, 30, and 31.

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 Schuylkill River and Conestoga River Watershed Act 167 Plans. The Project would also comply with the 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. A small portion of the newly added workspace (on Sheet 26) is located within a 100-year floodplain. However, this area would be limited to use during construction (as part of the Project's temporary right-of-way). No other newly added workspace is located within FEMA-designated floodways/floodplains. Furthermore, the entire pipeline will be buried and preconstruction contours and elevations restored following pipeline construction.

Based on the above information, 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,

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

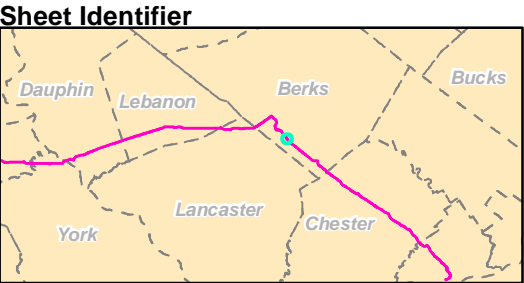
Ailene Batoon
Tetra Tech, Inc.

Enclosures: Updated Site Plan/Floodplain Maps

Tetra Tech

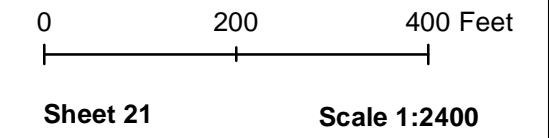
301 Ellicott St, Buffalo, New York 14203
Tel 716.849.9419 Fax 716.849.9420 www.tetrattech.com

CUMRU
BRECKNOCK



- 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

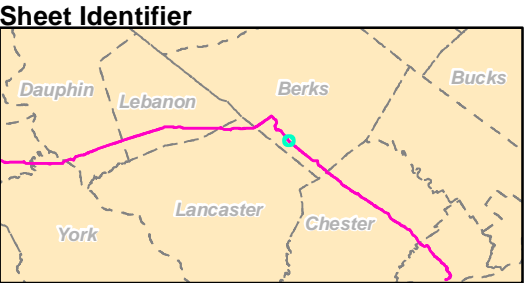
FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project



Prepared By:		Date:
		10/2016

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





- 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

0200400 Feet

Sheet 22

Scale 1:2400


Prepared By:

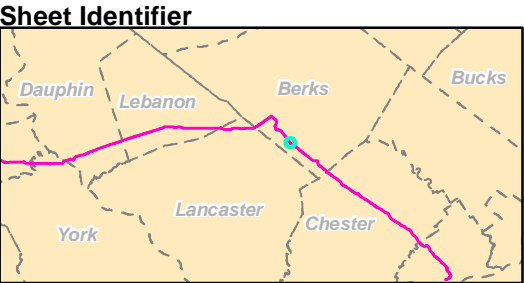


Date:

10/2016

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





- 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

0200400 Feet

Sheet 23Scale 1:2400


Prepared By:

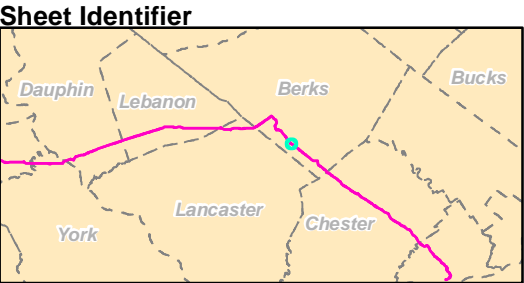


Date:

10/2016

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





- 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

0200400 Feet

Sheet 24

Scale 1:2400


Prepared By:

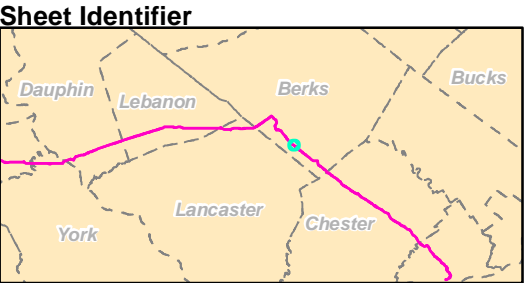


Date:

10/2016

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

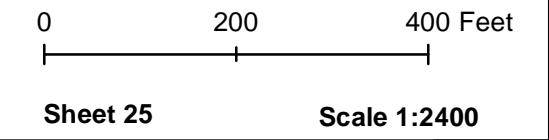





- Legend**
- Added Workspace
 - Subtracted Workspace
 - HDD Alignment
 - Bore Alignment
 - Proposed 20-inch Pipeline
 - Proposed 16-inch Pipeline
 - ATWS
 - Block Valve
 - Block Valve Setting LOD
 - Permanent Access Road
 - Permanent ROW
 - Spoil Workspace
 - Stations
 - Temporary Access Road
 - Temporary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

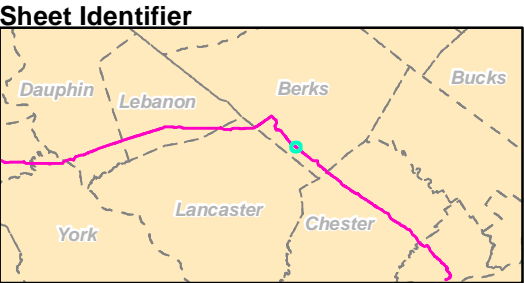
- Flood Hazard Zones**
- 1% Annual Chance Flood Hazard
 - Floodway
 - 0.2% Annual Chance Flood Hazard
 - Reduced Risk Due to Levee

FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project



Prepared By:		Date:
		10/2016

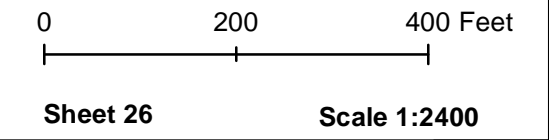
Floodplain & Floodway Data: National Flood Hazard GIS Layer Downloaded October, 2015 http://www.floodmaps.fema.gov/NFHL/status.shtml	
---	---




- 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

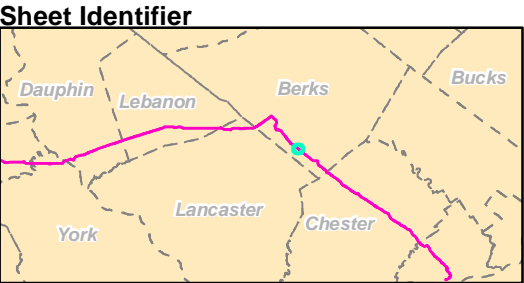
- Flood Hazard Zones
- 1% Annual Chance Flood Hazard
 - Floodway
 - 0.2% Annual Chance Flood Hazard
 - Reduced Risk Due to Levee

FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project



Prepared By:		Date:
		10/2016

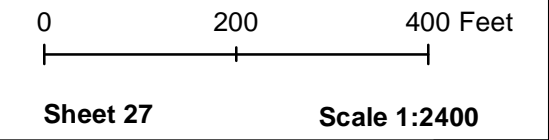
Floodplain & Floodway Data: National Flood Hazard GIS Layer Downloaded October, 2015 http://www.floodmaps.fema.gov/NFHL/status.shtml	
---	---



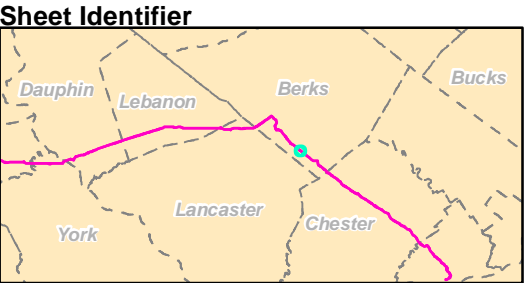
- Legend**
- Added Workspace
 - Subtracted Workspace
 - HDD Alignment
 - Bore Alignment
 - Proposed 20-inch Pipeline
 - Proposed 16-inch Pipeline
 - ATWS
 - Block Valve
 - Block Valve Setting LOD
 - Permanent Access Road
 - Permanent ROW
 - Spoil Workspace
 - Stations
 - Temporary Access Road
 - Temporary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



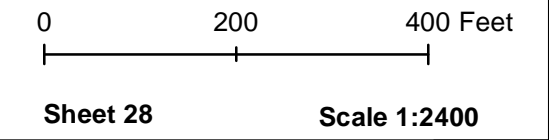
Prepared By:		Date:
		10/2016



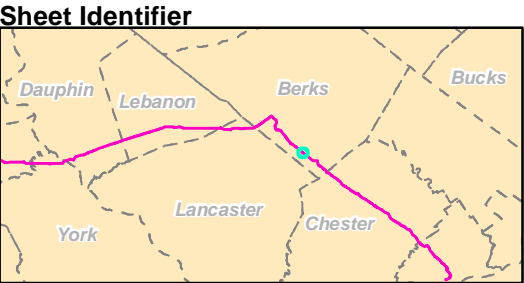
- Legend
- Added Workspace
 - Subtracted Workspace
 - HDD Alignment
 - Bore Alignment
 - Proposed 20-inch Pipeline
 - Proposed 16-inch Pipeline
 - ATWS
 - Block Valve
 - Block Valve Setting LOD
 - Permanent Access Road
 - Permanent ROW
 - Spoil Workspace
 - Stations
 - Temporary Access Road
 - Temporary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



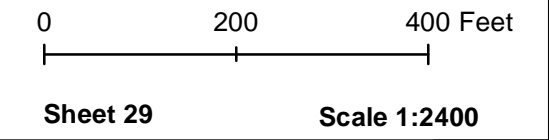
Prepared By:		Date:
		10/2016



- 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

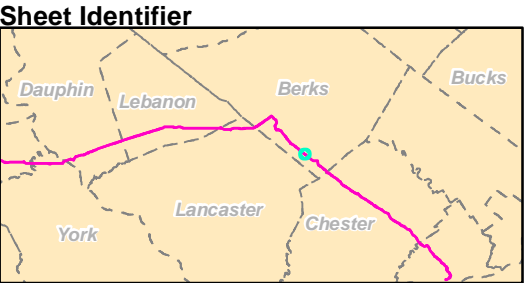
- Flood Hazard Zones**
- 1% Annual Chance Flood Hazard
 - Floodway
 - 0.2% Annual Chance Flood Hazard
 - Reduced Risk Due to Levee

FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project



Prepared By:		Date:
		10/2016

ROBESON
BREGANOCK



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

0 200 400 Feet

Sheet 30 Scale 1:2400

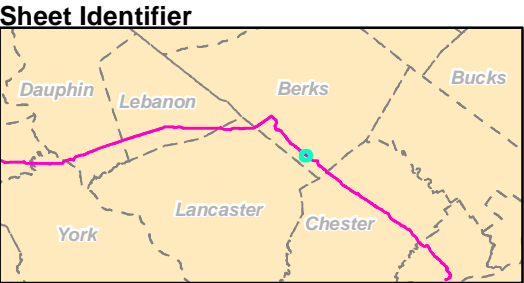
Prepared By:  Date: 10/2016

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



BRECKNOCK
ROBESON

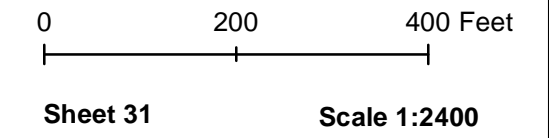
ROBESON
NEW
MORGAN



- 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

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

Silva, Rachel


From: TrackingUpdates@fedex.com
Sent: Monday, November 07, 2016 10:24 AM
To: Silva, Rachel
Subject: FedEx Shipment 777642211885 Delivered

Your package has been delivered

Tracking # 777642211885

Ship date:
Fri, 11/4/2016

AILENE BATOON
TETRA TECH - HOME
Buffalo, NY 14203
US



Delivered


Delivery date:
Mon, 11/7/2016 10:18 am

Board of Supervisors
Brecknock Township
889 Alleghenyville Road
MOHNTON, PA 19540
US

Shipment Facts

Our records indicate that the following package has been delivered.

Tracking number:	777642211885
Status:	Delivered: 11/07/2016 10:18 AM Signed for By: H.HEATH
Reference:	112IC05958, 16
Signed for by:	H.HEATH
Delivery location:	MOHNTON, 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:	11/7/2016 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 9:23 AM CST on 11/07/2016.

All weights are estimated.