



November 2, 2016

Mr. George Henry, Mr. James Grove, Mr. Kenneth Wertz
Frankstown Township Supervisors
2122 Frankstown Road
Hollidaysburg, PA 16648

**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 Frankstown Township as part of our Chapter 105 Obstruction and Encroachment Permit Application and request for Act 167 Stormwater/Floodplain Management Consistency Request. In a letter dated November 16, 2015, 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 your township. Updated workspaces are highlighted as additions and subtractions.

As shown, the latest changes to the workspace do not affect the Township's previous consistency determination. The Project ROW remains located within Frankstown Township, which has adopted the Beaverdam Branch Watershed Act 167 Stormwater Management Plan 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.

Consistent with the letter we previously sent, no aboveground facilities or new access roads are proposed in FEMA designated floodways or 100-year floodplains. Additional temporary workspace has been added at the block valve within the 100-year floodplain, but disturbance will be temporary and preconstruction contours and elevations will be restored following pipeline construction. Other Project changes include the reduction and addition of temporary workspace and the correction of the alignment of a temporary access road. The Project pipeline still crosses designated FEMA Special Flood Hazard Areas Zone A and Zone AE. However, some of these areas would be crossed using horizontal directional drill/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.

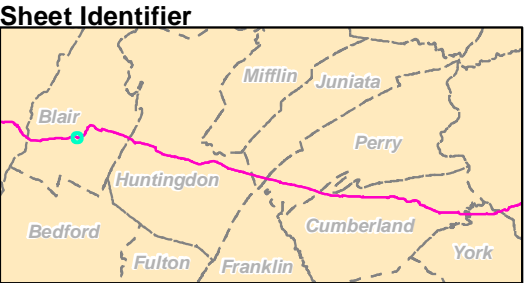
Sincerely,

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

Ailene Batoon
Tetra Tech, Inc.

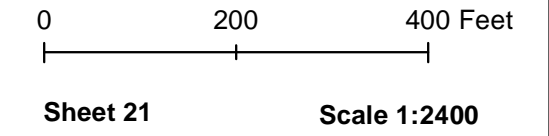
Enclosures: Updated Site Plan/Floodplain Maps

BLAIR
FRANKSTOWN



- 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

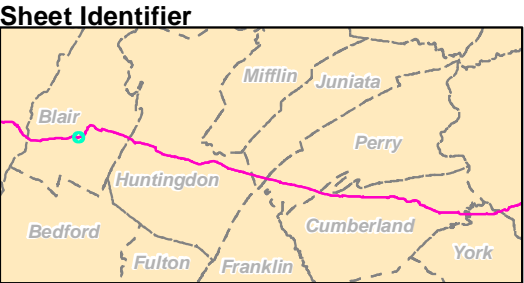


Prepared By:

Date:

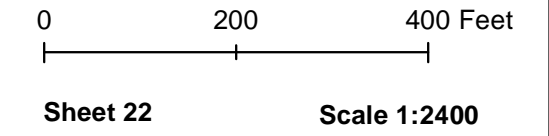
10/2016

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

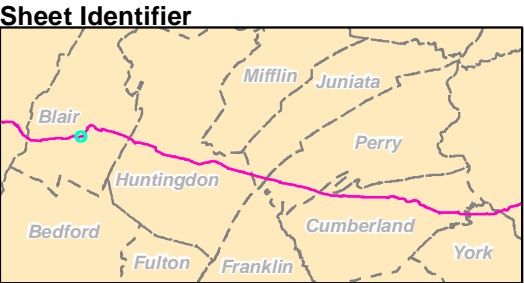
FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project



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

0200400 Feet

Sheet 23Scale 1:2400

Prepared By:

TETRA TECH

Date:

10/2016

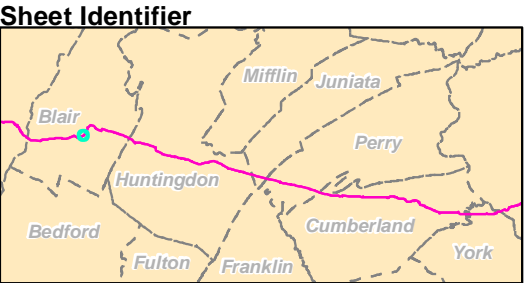
Floodplain & Floodway Data:

National Flood Hazard GIS Layer

Downloaded October, 2015

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

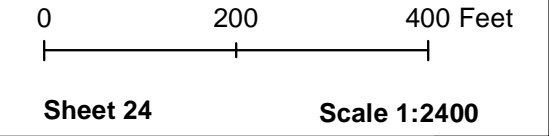
N



- 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

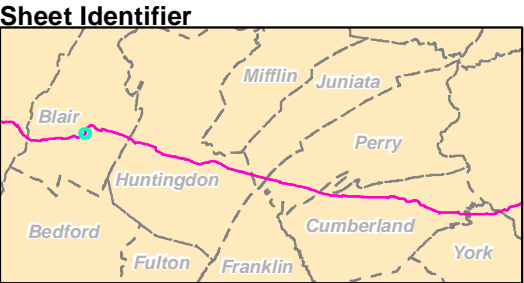
FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project



Prepared By:		Date:
		10/2016

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





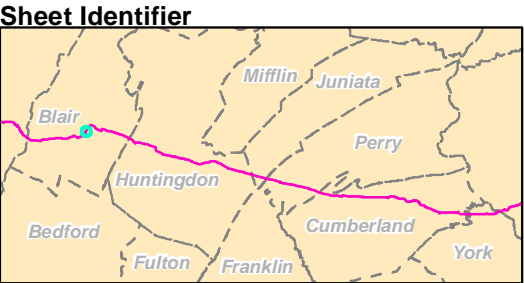
- Legend**
- Added Workspace
 - Subtracted Workspace
 - HDD Alignment
 - Bore Alignment
 - Proposed 20-inch Pipeline
 - Proposed 16-inch Pipeline
 - ATWS
 - Block Valve
 - Block Valve Setting LOD
 - Permanent Access Road
 - Permanent ROW
 - Spoil Workspace
 - Stations
 - Temporary Access Road
 - Temporary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

0200400 Feet

Sheet 26Scale 1:2400


Prepared By:

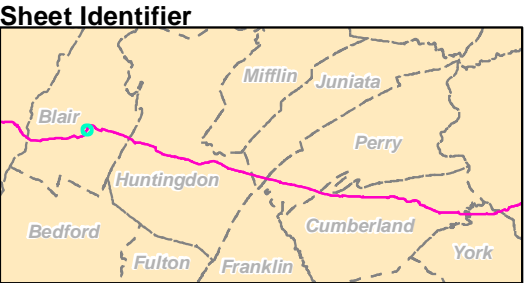


Date:

10/2016

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

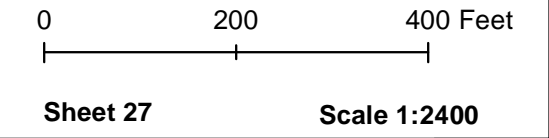




- Legend
- Added Workspace
 - Subtracted Workspace
 - HDD Alignment
 - Bore Alignment
 - Proposed 20-inch Pipeline
 - Proposed 16-inch Pipeline
 - ATWS
 - Block Valve
 - Block Valve Setting LOD
 - Permanent Access Road
 - Permanent ROW
 - Spoil Workspace
 - Stations
 - Temporary Access Road
 - Temporary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

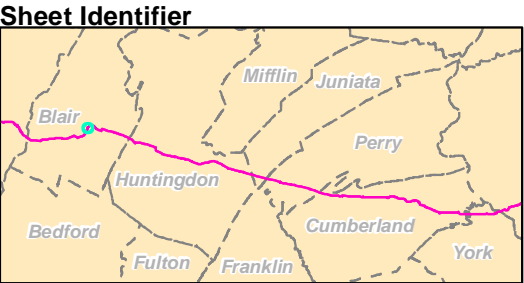
FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project



Prepared By:		Date:
		10/2016

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

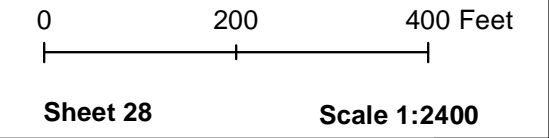




- Legend**
- Added Workspace
 - Subtracted Workspace
 - HDD Alignment
 - Bore Alignment
 - Proposed 20-inch Pipeline
 - Proposed 16-inch Pipeline
 - ATWS
 - Block Valve
 - Block Valve Setting LOD
 - Permanent Access Road
 - Permanent ROW
 - Spoil Workspace
 - Stations
 - Temporary Access Road
 - Temporary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

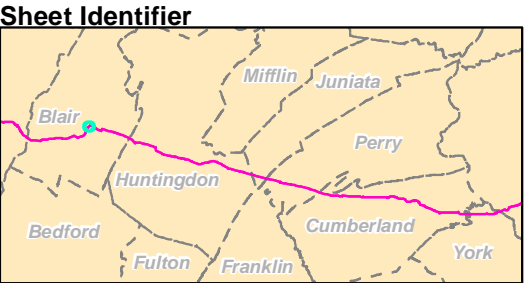


Prepared By:



Date:

10/2016



- 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

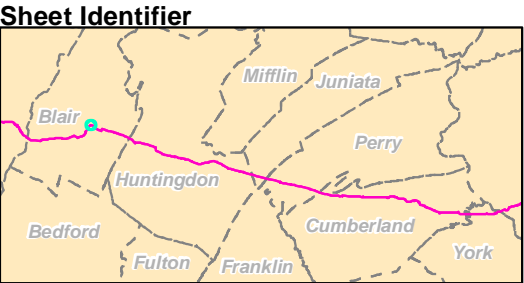


Prepared By:



Date:

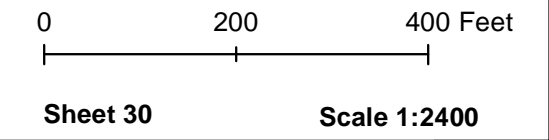
10/2016



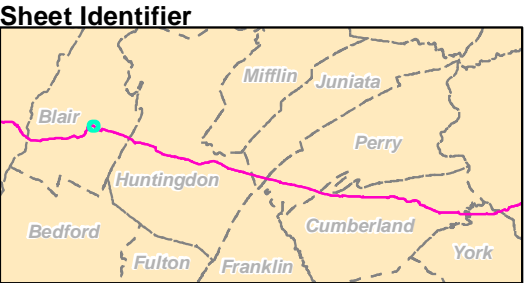
- Legend**
- Added Workspace
 - Subtracted Workspace
 - HDD Alignment
 - Bore Alignment
 - Proposed 20-inch Pipeline
 - Proposed 16-inch Pipeline
 - ATWS
 - Block Valve
 - Block Valve Setting LOD
 - Permanent Access Road
 - Permanent ROW
 - Spoil Workspace
 - Stations
 - Temporary Access Road
 - Temporary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



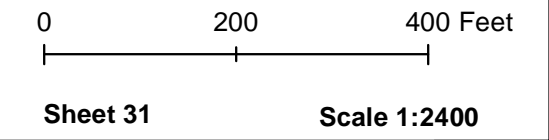
Prepared By:		Date:
		10/2016



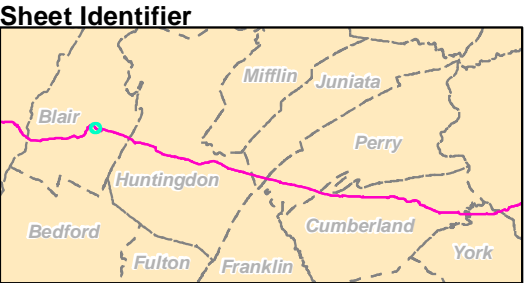
- Legend
- Added Workspace
 - Subtracted Workspace
 - HDD Alignment
 - Bore Alignment
 - Proposed 20-inch Pipeline
 - Proposed 16-inch Pipeline
 - ATWS
 - Block Valve
 - Block Valve Setting LOD
 - Permanent Access Road
 - Permanent ROW
 - Spoil Workspace
 - Stations
 - Temporary Access Road
 - Temporary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



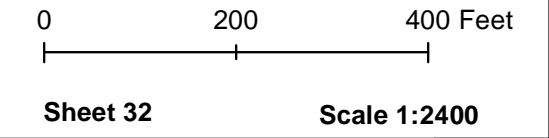
Prepared By:		Date:
		10/2016



- 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

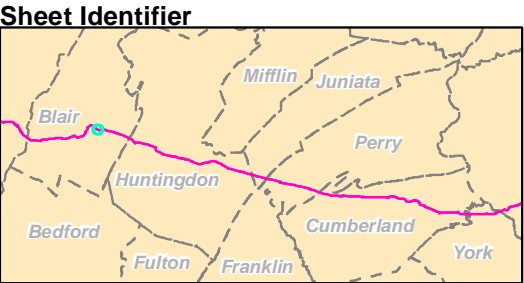


Prepared By:



Date:

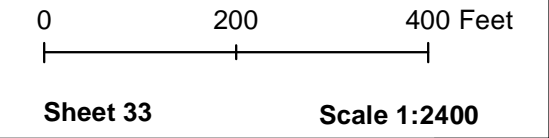
10/2016



- 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

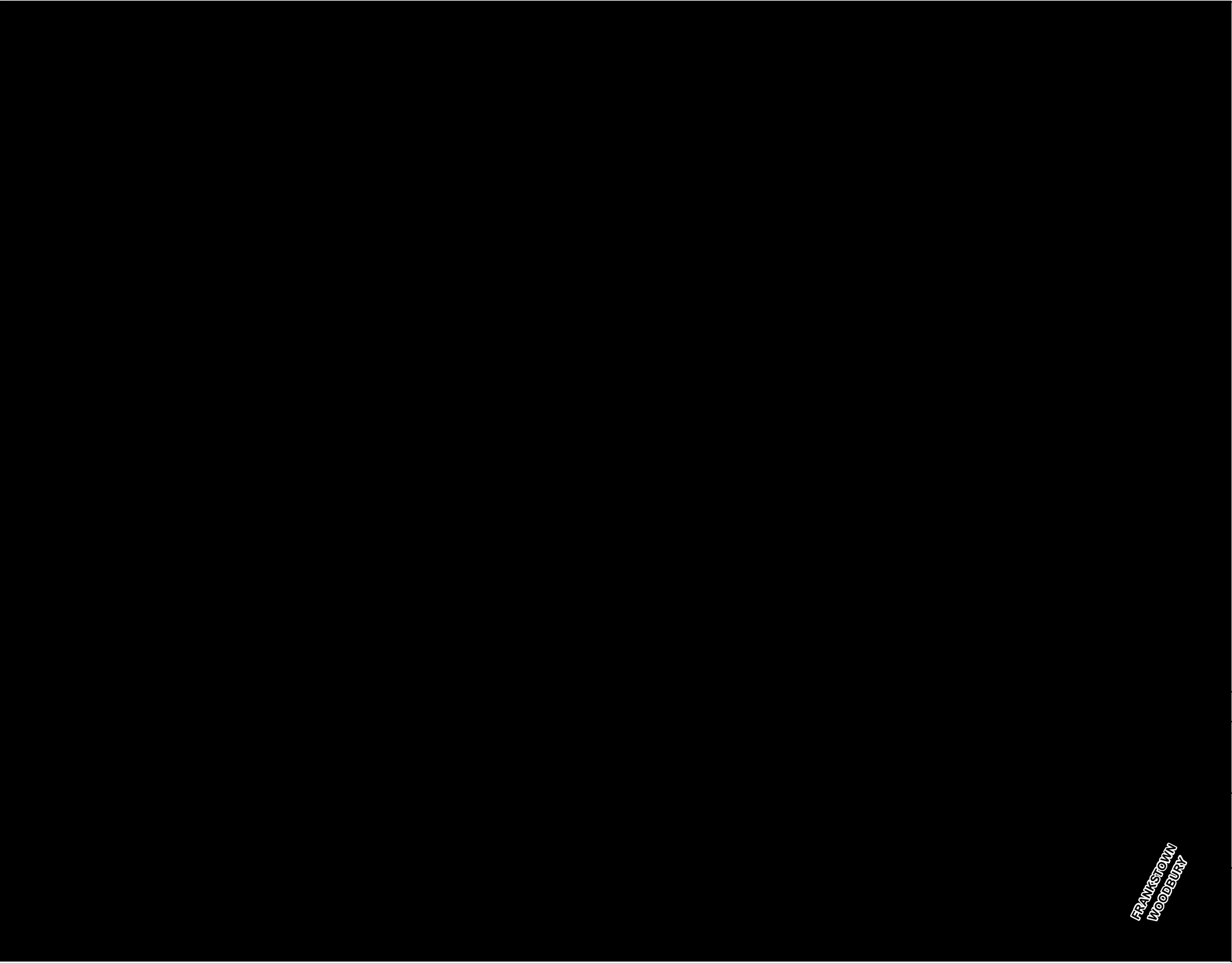
FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project



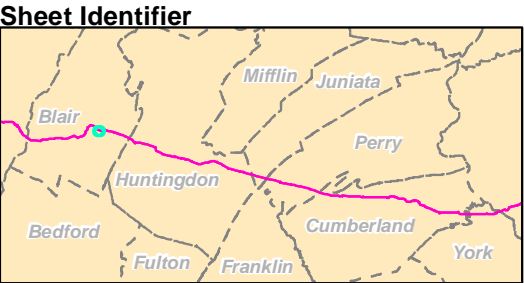
Prepared By:		Date:
		10/2016

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





FRANKSTOWN
WOODBURY



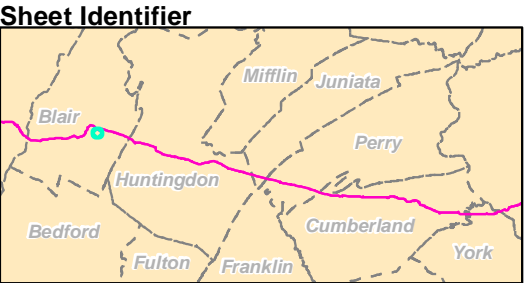
- Legend
- Added Workspace
- Subtracted Workspace
- HDD Alignment
- Bore Alignment
- Proposed 20-inch Pipeline
- Proposed 16-inch Pipeline
- ATWS
- Block Valve
- Block Valve Setting LOD
- Permanent Access Road
- Permanent ROW
- Spoil Workspace
- Stations
- Temporary Access Road
- Temporary ROW
- Travel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

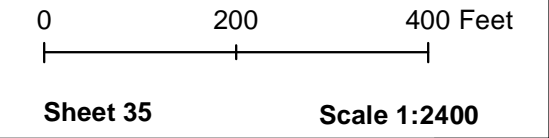
Floodplain & Floodway Data:
National Flood Hazard GIS Layer
Downloaded October, 2015
<http://www.floodmaps.fema.gov/NFHL/status.shtml>



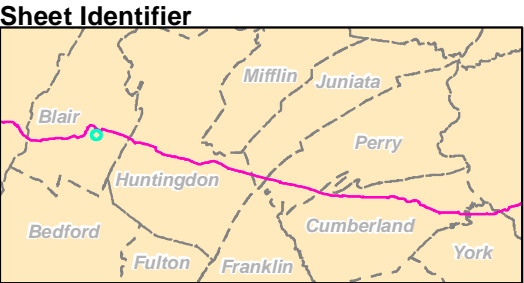
- Legend**
- Added Workspace
 - Subtracted Workspace
 - HDD Alignment
 - Bore Alignment
 - Proposed 20-inch Pipeline
 - Proposed 16-inch Pipeline
 - ATWS
 - Block Valve
 - Block Valve Setting LOD
 - Permanent Access Road
 - Permanent ROW
 - Spoil Workspace
 - Stations
 - Temporary Access Road
 - Temporary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



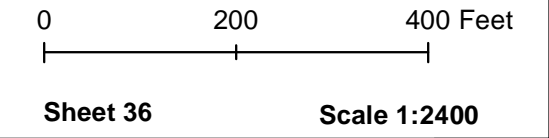
Prepared By:		Date:
		10/2016



- 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

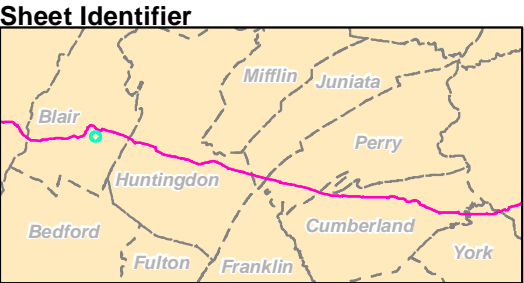


Prepared By:



Date:

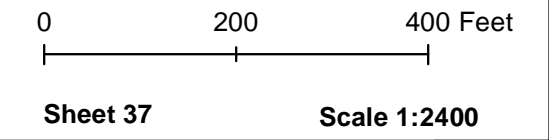
10/2016



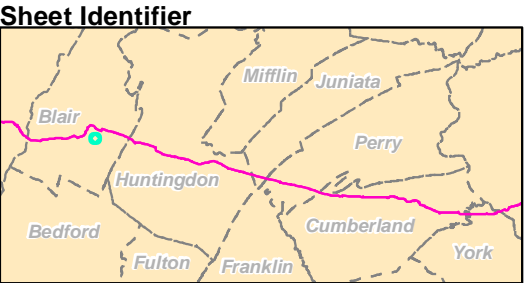
- Legend**
- Added Workspace
 - Subtracted Workspace
 - HDD Alignment
 - Bore Alignment
 - Proposed 20-inch Pipeline
 - Proposed 16-inch Pipeline
 - ATWS
 - Block Valve
 - Block Valve Setting LOD
 - Permanent Access Road
 - Permanent ROW
 - Spoil Workspace
 - Stations
 - Temporary Access Road
 - Temporary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



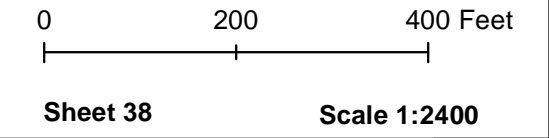
Prepared By:		Date:
		10/2016



- 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

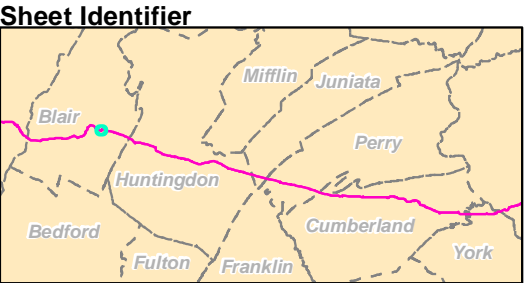


Prepared By:		Date:
		10/2016

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



FRANKSTOWN
WOODBURY



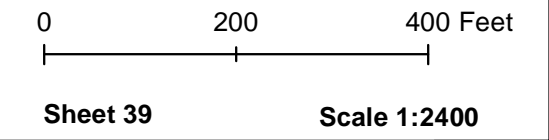
Legend

- 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>




From: TrackingUpdates@fedex.com
Sent: Thursday, November 03, 2016 11:23 AM
To: Silva, Rachel
Subject: FedEx Shipment 777616737870 Delivered

Your package has been delivered

Tracking # 777616737870

Ship date:
Wed, 11/2/2016

AILENE BATOON
TETRA TECH - HOME
Buffalo, NY 14203
US



Delivered

Delivery date:
Thu, 11/3/2016 11:17 am

G. Henry/J. Grove/K. Wertz
Frankstown Township
Supervisors
2122 Frankstown Road
HOLLIDAYSBURG, PA 16648
US

Shipment Facts

Our records indicate that the following package has been delivered.

Tracking number:	777616737870
Status:	Delivered: 11/03/2016 11:17 AM Signed for By: B.HENDERSON
Reference:	112IC05958, 16
Signed for by:	B.HENDERSON
Delivery location:	HOLLIDAYSBURG, 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