



November 2, 2016

Mr. Nevin Love
Shirley Township Board of Supervisors
15480 Croghan Pike
Shirleysburg, PA 17260

**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.(SPLP), Tetra Tech, Inc. is writing to provide updated workspaces/floodplain maps associated with the Pennsylvania Pipeline Project (Project) in Shirley 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 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 were identified required on Sheets 28, 36, 43 and 45.

As shown, the latest changes to the workspace do not affect the Township's previous consistency determination. Shirley Township has previously reviewed the site development plans for the proposed Mt. Union pump station shown on Sheet 36 and had no comments. Furthermore, the Project will be designed, constructed, and operated in compliance with the Monongahela River Watershed Act 167 Stormwater Management Plan and all applicable provisions of 25 Pennsylvania Code, Chapter 102 Regulations.

Consistent with the maps we previously sent, no aboveground facilities and no new access roads are proposed in FEMA designated floodways or 100-year floodplains. The newly added workspace for the pump station (on Sheet 36) is also not located within a FEMA designated floodway or floodplain.

Based on the above information 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.

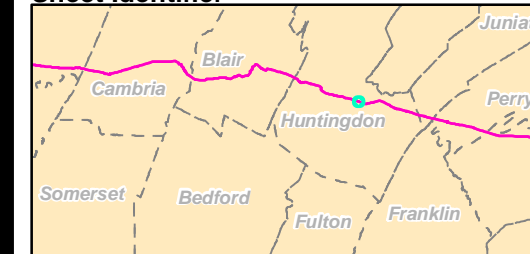
Enclosures: Updated Site Plan/Floodplain Maps

Tetra Tech



















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

UNION
SHIRLEY





Sheet Identifier



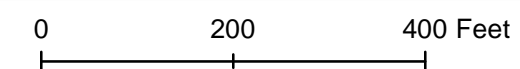
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-  Bore Alignment
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-  Wetlands

Flood Hazard Zones

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-  Reduced Risk Due to Levee

FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project



Sheet 28

Scale 1:2400

Prepared By:



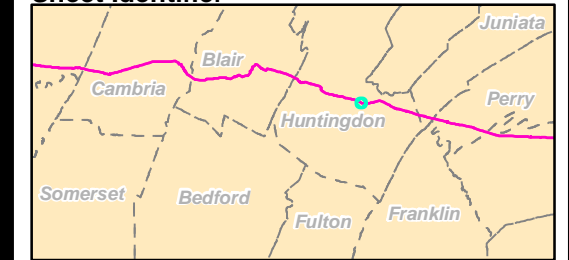
Date:

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







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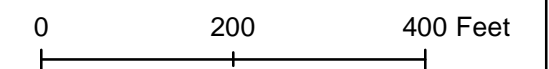
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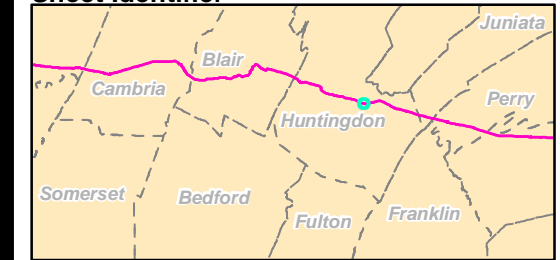
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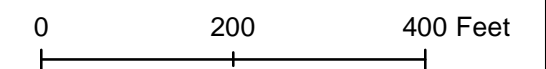
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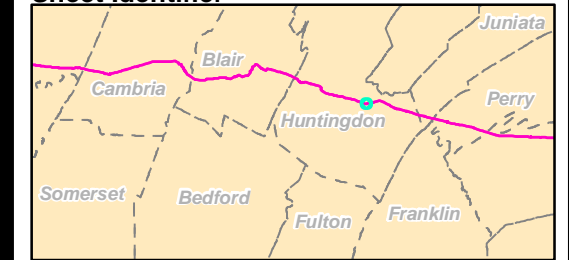
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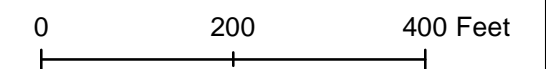
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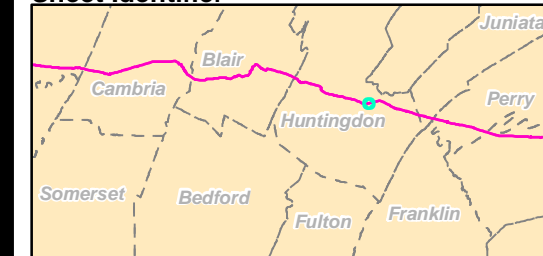
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Prepared By:  TETRA TECH Date: 10/2016



















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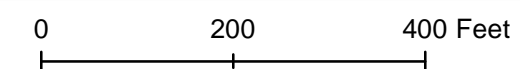
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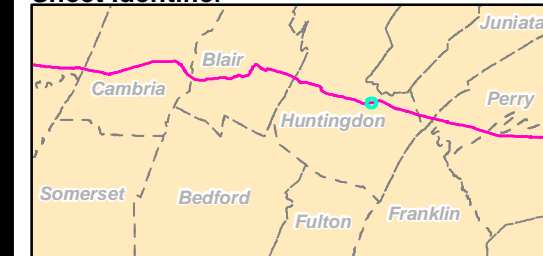
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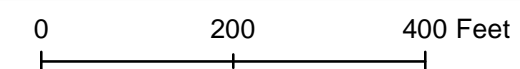
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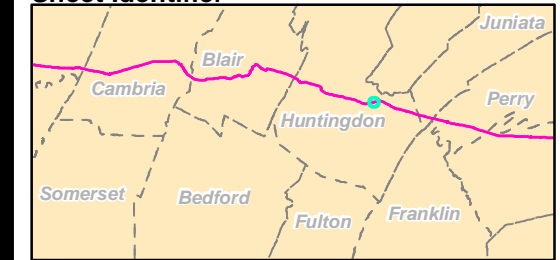
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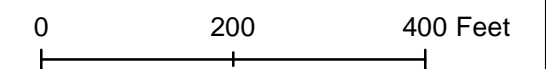
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FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project



Sheet 34

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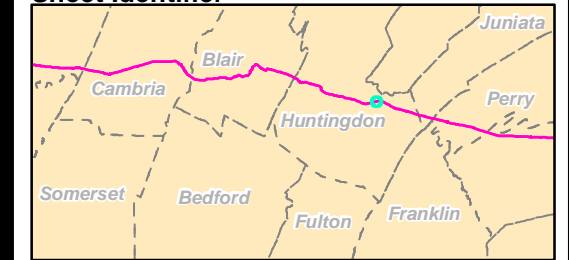
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


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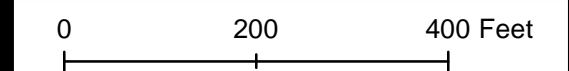
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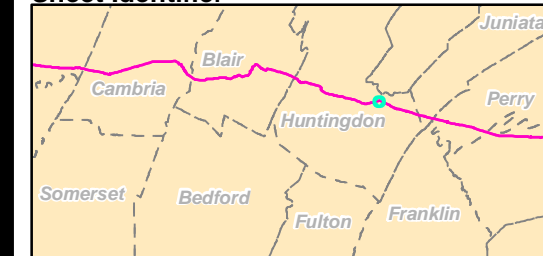
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










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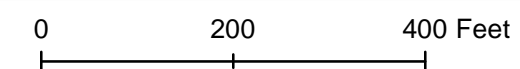
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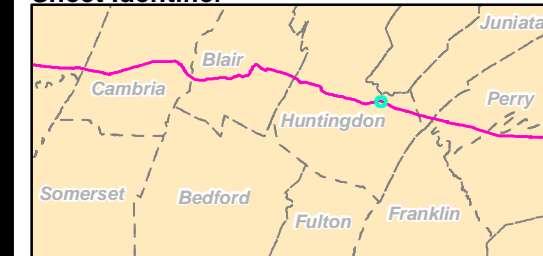
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


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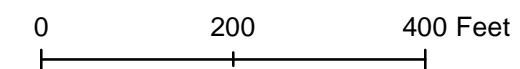
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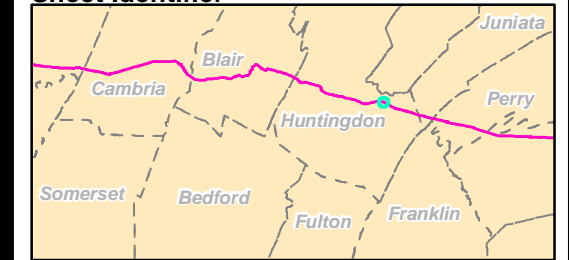
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










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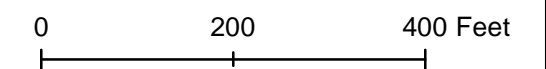
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FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project



Sheet 38

Scale 1:2400

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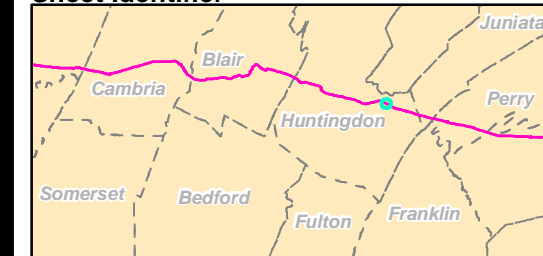
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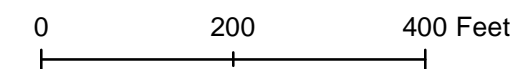
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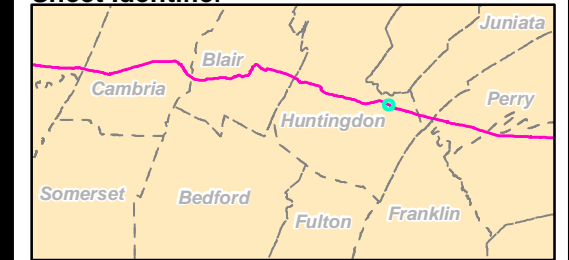
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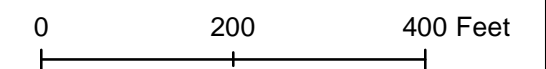
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Sheet 40

Scale 1:2400

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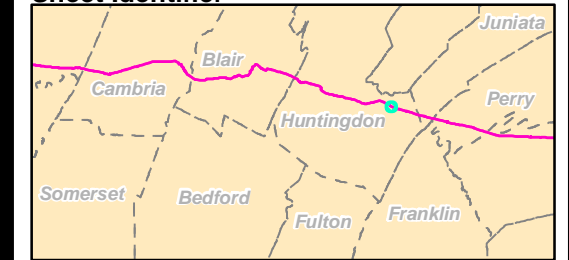
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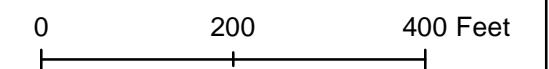
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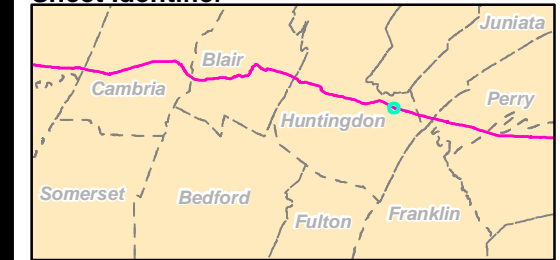
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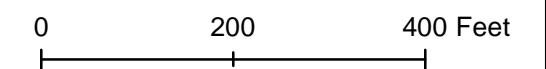
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FEMA NFHL Designated Floodplains along the Sunoco Pennsylvania Pipeline Project



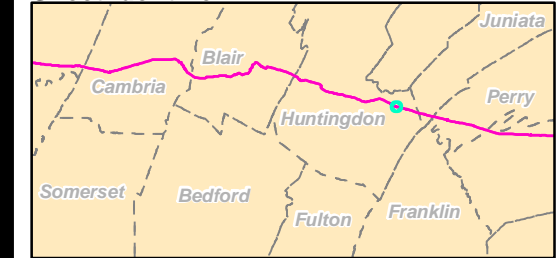
Sheet 42 Scale 1:2400

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







Sheet Identifier



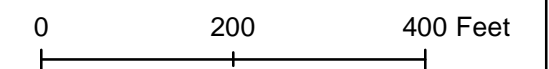
Legend

-  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
-  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



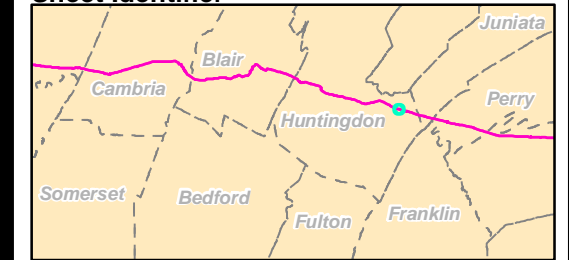
Sheet 43 **Scale 1:2400**

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







Sheet Identifier



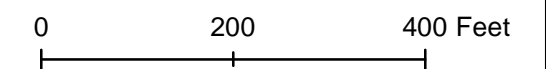
Legend

-  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
-  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 44

Scale 1:2400

Prepared By:



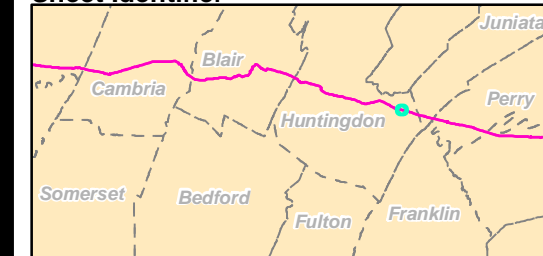
Date:

10/2016



















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







Sheet Identifier



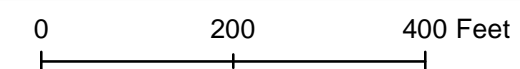
Legend

-  Added Workspace
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-  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



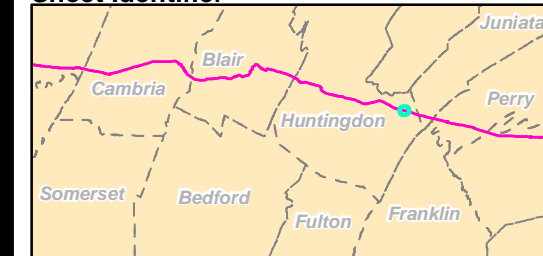
Sheet 45 Scale 1:2400

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







Sheet Identifier



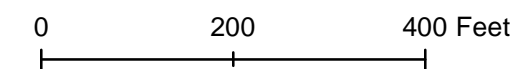
Legend

-  Added Workspace
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-  HDD Alignment
-  Bore Alignment
-  Proposed 20-inch Pipeline
-  Proposed 16-inch Pipeline
-  ATWS
-  Block Valve
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-  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



Sheet 46 Scale 1:2400

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




SHIRLEY
TELL

From: TrackingUpdates@fedex.com
Sent: Thursday, November 03, 2016 11:41 AM
To: Silva, Rachel
Subject: FedEx Shipment 777620681292 Delivered

Your package has been delivered


Tracking # 777620681292

Ship date: Wed, 11/2/2016	Delivery date: Thu, 11/3/2016 11:36 am	
AILENE BATOON TETRA TECH - HOME Buffalo, NY 14203 US	 Delivered	Nevin Love Shirley Township 15480 Croghan Pike SHIRLEYSBURG, PA 17260 US

Shipment Facts

Our records indicate that the following package has been delivered.

Tracking number:	777620681292
Status:	Delivered: 11/03/2016 11:36 AM Signed for By: K.VARNER
Reference:	112IC05958 Task 16
Signed for by:	K.VARNER
Delivery location:	SHIRLEYSBURG, PA
Delivered to:	Receptionist/Front Desk
Service type:	FedEx Priority 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 10:41 AM CDT on 11/03/2016.

