Appendix H

PREPAREDNESS, PREVENTION, CONTINGENCY PLANS

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PREPAREDNESS, PREVENTION, AND CONTINGENCY PLAN

Pennsylvania Pipeline Project- U.S. Army Corps Loyalhanna Lake and Conemaugh River Lake

May 2016

Prepared for:

Sunoco Pipeline, L.P.
535 Fritztown Road
Sinking Spring, PA 19608

Prepared by:

Tetra Tech, Inc.
661 Andersen Drive
Pittsburgh, PA 15220

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LIST OF ACRONYMS and ABBREVIATIONS

ACRONYM	MEANING
PPC	Preparedness, Prevention and Contingency
DEP	Pennsylvania Department of Environmental Protection
NPDES	National Pollutant Discharge Elimination System
SPR	Spill Prevention Response
ROW	Right-of-way
E&S	Erosion and Sedimentation
ESCGP-2	Erosion and Sediment Control General Permit 2
RCRA	Resource Conservation and Recovery Act
SDS	Safety Data Sheet
FOV	Findings of Violations
NOV	Notification of Violations
EMA	Emergency Management Agency
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
HDD	Horizontal Directional Drilling
SPLP	Sunoco Pipeline, L.P.
NGL	Natural Gas Liquid

Preface:

This Preparedness, Prevention and Contingency (PPC) Plan has been prepared for the Sunoco Pipeline, L.P. (SPLP) – Pennsylvania Pipeline Project.

The information contained in this PPC Plan and format of the document have been prepared in accordance with the Pennsylvania Department of Environmental Protection (PADEP) Guidelines for the Development and Implementation of Environmental Emergency Response Plans (dated August 2005) and PADEP's Supplemental Guidance for the Development and Implementation of PPC Plans under the National Pollutant Discharge Elimination System (NPDES) Stormwater Permitting Program (dated August 2005).

This PPC Plan was developed to satisfy the applicable requirements of federal and state regulatory programs, consistent with PADEP August 2005 Guidelines for the Development and Implementation of Emergency Response Plans.

This project is for the installation of a transmission pipeline and not a regulated storage tank facility with an aggregate aboveground storage capacity of more than 21,000 gallons, therefore, a Spill Prevention Response (SPR) plan is not required.

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1.0 DESCRIPTION OF FACILITY

1.1 General Description of the Operation

Sunoco Pipeline L.P. (SPLP) proposes to construct, install, and operate a portion (approximately five [5] miles) of the Pennsylvania Pipeline Project (Project) on five (5) land parcels within U.S. Army Corps owned/operated lands in the Pittsburgh District (associated with Loyalhanna Lake and Conemaugh River Lake) in Westmoreland and Indiana counties, respectively; and one (1) land parcel in the Baltimore District (associated with Raystown Lake) in Huntingdon County. The entire Project consists of approximately 306 miles (Figure 1) of two (2) parallel natural gas liquid (NGL) pipelines (up to 20-inches in diameter) within a 50-foot wide permanent right-of-way (ROW) corridor from Houston, Washington County, Pennsylvania, to SPLP's Marcus Hook facility in Delaware County, Pennsylvania. The Project will transport up to 700,000 barrels of NGLs per day, including propane, butane, and potentially ethane. During construction, the 50-foot wide ROW will be used for workspace, and typically, an additional 25 feet of temporary workspace will be required; additional temporary workspace will also be required in some areas to support special construction techniques (such as for horizontal directional drilling).

The project includes all of the phases of work to install the pipeline including clearing of ROWs, control of erosion and sedimentation (E&S), trench excavation work, pipeline installation and hydrostatic testing, proper backfilling of trenches and restoration of the ROWs after completion of pipeline installation activities. An aerial map of the pipeline project crossing USACE properties is shown in Figure 1. The USGS figures for the project route are provided in Appendix A. Information regarding access road entrances to the project site is provided on the E&S design sheets provided as part of the Erosion and Sediment Control General Permit 2 (ESCGP-2) package.

After approval, this Preparedness, Prevention, and Contingency (PPC) Plan will be implemented as part of the pipeline construction project. This project site will contain excavation equipment, haulage equipment for supplies, pipe and pipeline handling equipment, pipe cutting and joining equipment, conventional boring equipment, horizontal directional drilling equipment, service equipment and transportation equipment for personnel, tools, parts, supplies, fuel, lubricants, etc.

Site conditions will vary between individual project components; however, they will be developed and reclaimed in accordance with the approved ESCGP-2 for the area that is disturbed.

1.2 Description of Emergency Response Plan

The purpose of this PPC Plan is to ensure adequate preparedness for rapid and appropriate response to an event that could affect the safety and well-being of any personnel that are located on-site such as SPLP employees, any worksite contractor, or member of the general public. Additionally, the PPC Plan provides for a course of action to protect the local environment and any assets from an event that interrupts the normal operation at the site and could result in a threat to health and/or the environment if not properly addressed. This PPC Plan will be revised

as required for addition of new processes or chemicals at the worksite or if there is a major modification to the worksite activities, emergency response equipment or resources, or responsible personnel.

Copies of the PPC Plan will be located at the field office and the worksite in an appropriate place for the use of Managers and Emergency Response Coordinators. No previous emergency response plans were prepared for this new construction project and this plan is intended for use during the construction activities associated with the installation of this pipeline.

This is the only plan that has been developed for this project for the purpose of pollution incident prevention and/or emergency response preparedness. Discussions may be contained in other documents related to this project but this document is the primary and complete source for information regarding this topic.

1.3 Material and Waste Inventory

The materials anticipated to be stored on site during this pipeline construction includes diesel fuel, lubricating oil, bentonite clay, and welding gasses (oxygen and acetylene). There are no materials known to be used, stored or disposed of at the site that are considered hazardous materials under the Resource Conservation and Recovery Act (RCRA) regulations.

The following table contains general information about the materials that would be located at the site. Safety Data Sheets (SDS) would be present on site and will be provided as requested.

Materials and Waste	Secondary Containment	Spill containment	Final Disposal
Diesel	Yes	Absorbent Pads and material. Shovel and sealable drum containers.	Off-spec material is recycled or disposed consistent with applicable regulations. Used absorbents disposed as identified below.
Lubricating Oil	No	Absorbent Pads and material. Shovel and sealable drum containers.	Off-spec material is recycled or disposed consistent with applicable regulations. Used absorbents disposed as identified below.
Acetylene	No	NA	Unused cylinders returned, if appropriate,

			or retained for use on another project.
Bentonite Clay	No	Shovel and sealable drum containers.	Unused bags returned, if appropriate, or retained for use on another project.
Used Absorbents and miscellaneous wastes	No	Empty sealable drum containers or other appropriate disposal container.	Transported to a SPLP or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the disposal facility. Recycling options may be considered when available.

1.4 Pollution Incident History

This is a new pipeline construction site and no previous incidents at this location for this type of project exists. SPLP has had previous reportable incidences on pipeline construction sites in the past; however, all releases were reported to the DEP and corrective measures were taken in the field to clean up the discharges. A list of Finding of Violations (FOV) and Notification of Violations (NOV) is submitted as part of the permitting process and included in the ESCGP-2 package.

1.5 Implementation Schedule for Plan Elements Not Currently in Place

No missing or incomplete aspects of the plan have been identified.

1.6 Purpose and Implementation of a PPC Plan

SPLP will implement this PPC Plan for effective action to minimize and abate hazards to human health and the environment from fire, explosion, emission or discharge of pollutants to air, soil, surface water or groundwater. This plan was prepared to satisfy the requirements set forth in 25 Pa. Code Section 78.

Although hazardous wastes are not stored at the site, this PPC Plan nevertheless describes the actions that SPLP or contractor personnel will take to comply with 25 Pa. Code Sections 265.51 and 265.56, in response to fire, explosion, emissions or discharges of hazardous waste or hazardous waste constituents to air, soil, surface water or groundwater. The PPC Plan has been prepared and implemented in general accordance with PADEPs guidelines. The PPC Plan describes arrangements agreed to by local police departments, fire departments, hospitals,

contractors, and state, county, and local emergency response teams to coordinate emergency services, under Subchapter C (relating to preparedness and prevention). Formal contractual arrangements are not required since there are no hazardous wastes managed at the site. The PPC Plan lists names, addresses and phone numbers of all persons qualified to act as Emergency Coordinator. One person is named as the Primary Emergency Coordinator and others are listed in the order in which they will assume responsibility as alternates. The PPC Plan includes a list of emergency equipment at the facility. In addition, the PPC Plan includes the location and a physical description of items on the list, and a brief outline of its capabilities.

1.7 Plan Revisions

This PPC Plan will be periodically reviewed and amended, if necessary, whenever:

- Applicable department regulations are revised;
- The plan fails in an emergency;
- The list of Emergency Coordinators changes;
- The list of emergency equipment changes; and
- Construction, operation, maintenance, or other circumstances change in a manner that materially increases the potential for fires, explosions, or releases of toxic or hazardous constituents; or which changes the response necessary in an emergency.

2.0 Plan Implementation

2.1 Organizational Structure for Developing, Implementing and Maintaining the PPC Plan

The Primary Emergency Coordinator has been identified as William R. Barth Jr who is the project safety lead assigned to this project. As the Primary Emergency Coordinator he is responsible for the following:

- Verifying tank and chemical storage areas inspections are conducted,
- Coordination of spill cleanup activities in the event of an incident; and
- Notification of appropriate authorities.

William R. Barth Jr.is located at:

Sunoco Logistics
999 Home Avenue
Akron, Ohio 44310
330-379-2824-office, 330-352-3252-cell

SPLP is administrative responsible for updating, maintaining, and implementing this PPC Plan. This plan will be updated as needed to identify and incorporate any new or existing materials and wastes on site and identify proper procedures associated with these materials.

2.2 List of Emergency Response Coordinators

At least one employee, either on the construction site or on call, with the responsibility for coordinating emergency response measures. The Primary and Secondary Emergency Response Coordinators as well as the acting Emergency Response Coordinators will be thoroughly familiar with this PPC Plan, site operations and activities, the location and characteristics of materials and wastes handled, the location of the site's records, and the layout of the site. The Primary and Secondary Emergency Coordinators have the authority to commit the resources necessary to carry out the PPC Plan and for coordinating emergency response measures and assign acting Emergency Response Coordinators that will be on site and report directly to the primary and/or secondary Emergency Response Coordinators. In the event of a spill or release, one of the Emergency Response Coordinators will be immediately notified. The following individuals have been designated to act as Emergency Coordinators:

Primary Contact:

Name: William R. Barth Jr.
Title: Sunoco Logistics - Lead Specialist-Emergency Response
Office: 999 Home Avenue
Akron, Ohio 44310
Phone: 330-379-2824-office, 330-352-3252-cell
Email: wrbarth@sunocologistics.com

Secondary Contact:

Name: Bradford L. Fish
Title: Sunoco Logistics- Sr. Emergency Response Coordinator
Office: 100 Green Street
Marcus Hook, PA 19061
Phone Number: 610-859-6297 – Office, 610-212-6972 – cell
E-mail: blfish@sunocologistics.com

Acting on-site Emergency Response Coordinators will be identified at the beginning of any field activities. They will report any incidents directly to the primary and secondary Emergency Response Coordinators after the proper immediate response actions are conducted.

2.3 Duties and Responsibilities of the Emergency Response Coordinator

It is the responsibility of the Emergency Response Coordinator during an emergency to activate the alarm systems, notify emergency response agencies, identify the problem, assess the health and environmental hazards, and take all reasonable measures to stabilize the situation. Additionally, the Emergency Response Coordinator will conduct a follow-up investigation after the incident and is responsible for facilitating activities such as treatment, storage and disposal of residues, contaminated soil, decontamination and maintenance of emergency equipment, and submission of any reports.

If the Emergency Response Coordinator determines that the site has had an incident (spill, fire, or explosion) which would threaten human health or the environment and if evacuation of local areas may be advisable, immediately notify the applicable local authorities (police, fire, etc.). Section 5.0 provides information regarding the local authorities and agencies that need to be contacted.

The following information will be reported:

- Name of the person reporting the incident;
- Location of the incident;
- Telephone number where the person reporting the incident can be reached;
- Date, time, and location of the incident;

- A brief description of the incident, nature of the materials involved, extent of any injuries, and possible hazards to human health or the environment;
- The estimated quantity of the materials involved; and
- The extent of contamination of land, water, or air, if known.

If a release occurs from a storage tank which enters a water supply or which threatens the water supply of downstream users, the Emergency Response Coordinator must immediately notify the appropriate County Emergency Management Agency (EMA) [Appendix F lists all County EMA Contact information], the Pennsylvania EMA at (717) 651-2001, and DEP at (800) 541-2050. If appropriate, the Emergency Coordinator may assist the Emergency Management Agencies in notifying the downstream water users. The priorities for notification will be by closest proximity to the release site.

If spills or discharges of a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) hazardous substance in greater than reportable quantities has occurred, the Emergency Coordinator must notify PADEP at (800) 541-2050 and the National Response Center at (800) 424-8802 and report the above information. For an offsite release (spill or discharge) of a reportable quantity of a CERCLA hazardous substance or a Superfund Amendments and Reauthorization Act Extremely Hazardous Substance, the Emergency Coordinator must immediately notify the National Response Center at (800) 424-8802 and report the above information.

Within 15 days after the incident, the installation must submit a written report on the incident to PADEP. The report must include the following:

a. Name, address, and telephone number of the individual filing the report

b. Name, address, and telephone number of the installation

c. Date, time, and location of the incident

d. A brief description of the circumstances causing the incident

e. Description and estimated quantity by weight or volume of materials or wastes involved

f. An assessment of any contamination of land, water, or air that has occurred due to the incident

g. Estimated quantity and disposition of recovered materials or wastes that resulted from the incident, and

h. A description of what actions the installation intends to take to prevent a similar occurrence in the future.

The report will be submitted to:

Director - Bureau of Water Quality Management
Pennsylvania Department of Environmental Protection
909 Elmerton Avenue
Harrisburg, PA 17110

Regional Administrator
U.S. Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia, PA 19103

Director - DEP Southwest Regional Office
Pennsylvania Department of Environmental Protection
400 Waterfront Dr.
Pittsburgh PA 15222-4745

Additional information regarding Emergency Coordinator's Duties and Responsibilities are provided in Appendix B.

2.4 Chain of Command

In the event of a spill or other emergency all site personnel are required to report the incident to the Emergency Response Coordinator. A Chain of Command flow chart has been developed that lists the positions, phone number, and responsibility in the event of a spill (Figure 2). This figure is to be posted on the bulletin board and other appropriate locations in the work site.

3.0 Spill and Leak Prevention and Response

3.1 Pre-release Planning

All employees will be made aware of the PPC Plan and how it is to be implemented in the event of an emergency. The information to be provided will address the following items:

- Incident Response Organization
- Roles and Responsibilities
- Notification Procedures
- Evacuation Procedures
- Incidental Chemical Spill response

As part of the pre-planning effort various steps can be taken to prevent an accidental spill or other incident. Some actions that can be taken include:

Petroleum Products (diesel and Lubrication Oils):

- Aboveground storage tanks and/or containers will be visually inspected;
- Special care is taken when filling fuel tanks on mobile equipment to ensure that fuel is not lost through product transfer;
- Containers of regulated materials shall be visually inspected regularly for leaks;
- Regulated materials will be stored in a manner that minimizes the potential contact with stormwater;
- Any materials stored on site must be in a double wall container/ or must be contained in a basin that is 110% of the volume that the container holds;
- All Heavy equipment must have spill kits attached to them;
- Where possible or practicable, regulated materials shall be provided with secondary containment, or other measures, to contain potential spills;
- Absorbent and spill control materials shall be maintained on-site for emergency use;
- Emergency response personnel are familiar with procedures to follow in the case of a spill; and
- In cases where there may be leaking equipment or operations where oil or oil-related compounds are leaked, spilled, or otherwise released, containment booms or absorbent materials shall be used.

Acetylene tanks:

- Visual inspection of tanks, valves, and hoses associated with the fuel tanks;
- Make sure all connections are properly secured;
- Secure tanks so that they cannot fall;
- Store tanks in an area that will remove the potential to get impacted by construction equipment

Bentonite Clay:

- Assure proper storage and handling.
- Be prepared to respond during horizontal directional drilling (HDD) operations to respond and minimize the discharge.

3.2 Material Compatibility

All materials utilized for installation of the pipeline will be designed for the intended applications and working environments. SDS sheets indicating compatibility issues can be found on site or as requested.

3.3 Inspection and Monitoring Program

All sites will be inspected and routinely monitored for leaks or other conditions that could lead to spills or emergency situations. An inspection sheet that would be used during the inspection of the pipeline is shown in Appendix C. Typical inspections will include the following areas/items:

- Pipes, pumps, valves, and fittings for leaks;
- All mobile equipment used on site for leaks and damage;
- Tanks for corrosion or physical damage;
- Tank support structure and foundations for any deterioration or damage;
- Chemical material storage for any evidence of damage or leakage;
- Evidence of any foreign material in site drainage ditches or erosion controls;
- Good housekeeping practices will be observed;
- Damage to shipping containers will be inspected, noted and addressed as required;
- Leaks, seeps or other problems will be noted and corrected as required; and
- Routine monitoring will be performed to determine the general physical condition of the entire site including liquid levels in tanks, quality of site runoff, quality of any waste to be disposed of etc. Monitoring will be used to initiate a warning of need for immediate corrective actions to prevent a spill or other emergency condition.

3.4 Preventative Maintenance

Based on the inspection and monitoring program, a record will be kept and utilized to initiate required preventative procedures to repair and maintain the equipment and site to minimize degradation and repair any hazardous condition that may occur. This program will include systems inspections and calibrations as recommended by equipment manufacturers and good operating practices. Adjustments, repairs and replacements of defective parts will be included in the preventative maintenance program. Record keeping for all repairs and calibrations will be maintained by site and management personnel.

3.5 Housekeeping Program

General housekeeping tasks will include:

- Orderly storage of chemicals, supplies and parts;
- Prompt removal of small spillages to prevent discharge from site and proper disposal of spilled material; and
- All trash will be picked up and contained in an approved container for proper disposal.

3.6 Security

Access to SPLP's worksite may be controlled by a sign at the entrance from the main road. Additional measures such as a gate will be utilized if needed. All chemicals and fluids will be stored at a secure contractor site.

3.7 External Factors

Weather related factors such as inclement weather may limit access to the worksite for a short period of time; however, there should not be any increased risk of an event.

3.8 Employee Training

Training will be provided for site personnel to ensure that they can respond effectively to an emergency by familiarizing them with emergency procedures and emergency equipment including the following where applicable:

- Procedures for using, inspecting, repairing and replacing emergency and containment equipment;
- Key parameters for communications and alarm procedures;
- Proper response to fires and explosions;
- Site evacuation procedures; and
- Shutdown of operations.

4.0 COUNTERMEASURES

4.1 Countermeasures to be Undertaken by Facility

General Spill Clean-Up Procedures:

Spill clean-up generally involves three steps: containment, removal, and disposal. In the event of a spill, it is very important that the material be contained to the maximum extent possible in order to minimize the effect of the spill and the cost of clean-up. Once the spill is contained, the spilled material and contaminated material must be collected and physically removed from the area. In some cases, with certain materials, it may be possible to neutralize a spilled material in place without removal. Finally, the spilled material and contaminated soil, clean-up material, etc., must be disposed of properly.

Specific Spill Clean-Up Procedures:

Petroleum and Petroleum-Related Materials: In dealing with a petroleum spill, the immediate response action is to attempt to eliminate the source of the spill as soon as possible. In the event of an accidental spill, emergency measures will be implemented by SPLP to isolate the spilled material and prevent the release from entering surface water or groundwater. Berms may be constructed to contain the spill, and/or excavation equipment may be used to promptly remove impacted soils, concrete, or asphalt. Stormwater collection structures will be either blocked or pumped, if appropriate, to prevent the release to surface water.

Soil that is impacted as a result of an accidental spill or release will be containerized for subsequent disposal. The typical clean-up procedure for the spilled oil is as follows:

- Remove sources of ignition (ignition sources are not to be within 50' of any storage tanks)
- Contain the spill using whatever equipment and material are available. Petroleum captured within secondary containment should be recycled to the extent possible. In water, booms should be used to limit the spread of oil along the surface. On land, absorbent materials such as Oil-Dri, straw, sawdust, or soil should be used to soak up any free or flowing oil and limit its spread. The most important thing is to act quickly to limit the extent of the spill.
- Remove the petroleum soaked materials using the most effective means, whether it is by hand using shovels or heavy earth-moving equipment. Caution must be exercised in using construction equipment in and around streams to minimize the disturbance to the watercourse. It may be necessary to provide clean fill to reconstruct the affected areas after removal of the petroleum-contaminated soils.
- The petroleum-contaminated material removed in the clean-up operation must be disposed of properly. With the approval of DEP, the contaminated material should be hauled to a waste disposal facility that is authorized by permit to accept this type of waste. Confirmatory sampling and laboratory analysis should be conducted in accordance with DEP guidelines.

Inadvertent Returns from Horizontal Directional Drilling: Separate inadvertent return plans have been created and are included with all permitting documents provided to the contractor. The immediate response actions in dealing with an inadvertent return of drilling fluids (primarily bentonite and water) from a horizontal direction drill include discontinuing drilling operations, identifying the area of the inadvertent return, and isolating the inadvertent return. In the event of an inadvertent return, emergency measures will be implemented by SPLP to isolate the returns and prevent or minimize the extent of the release that will enter surface water. Berms, sand bag dams, and/or other appropriate containment methods may be constructed or installed to contain the spill. Stormwater collection structures will be either blocked or pumped, if appropriate, to prevent the release to surface water. Once the area in and surrounding the inadvertent return has been cleaned, the impacted stream can return to normal flow, if applicable. Corrective action will be taken to prevent additional inadvertent returns before drilling will restart.

4.2 Countermeasures to be Undertaken by Contractors

When identified as appropriate by the Emergency Response Coordinator or other authorized agent, the following contractors can be contacted to support required efforts.

Company:	HEPACO Environmental Services, Inc
Address:	6901 Kingsessing Avenue, Philadelphia, PA 19142
Telephone Number:	(800) 326-2439 (215) 729-2777
Response Time:	Varies depending on locations
Equipment and Services:	NGL Response

4.3 Internal and External Communications and Alarm System

Site personnel will have access to mobile communications equipment (e.g. cellular telephones) that will enable communications with management or outside emergency services such as fire departments or police. If cellular telephone service is not available, other measures shall be taken such as providing a site construction telephone at an accessible location. Section 5.0 provides more information regarding which agencies should be contacted.

4.4 Evacuation Plan for Installation Personnel

Personnel that encounter an incident or event while working on this project site will call the Emergency Response Coordinator or Manager immediately to report the incident. Additionally, emergency services will be notified if necessary. All other on-site employees and contractors will be notified and any persons that are located in the vicinity of the incident will be removed from the area. Finally, SPLP will take steps to account for the total number of persons involved at the worksite. All persons will remain grouped together at a safe distance from the site until emergency services or the Emergency Response Coordinator arrives.

The following key points will be adhered to:

- All work not associated with emergency containment will be STOPPED;
- The immediate area will be cleared of all non-emergency response personnel. All others will remain at the gathering point;
- The Emergency Response Coordinator's instructions WILL be followed;
- All personnel will be required to remain with the group until instructed otherwise by the Emergency Response Coordinator or other SPLP representatives;
- Ingress and egress will be facilitated for all emergency vehicles by SPLP personnel; and
- Work WILL NOT resume at the site until proper notification has been provided by SPLP personnel.

4.5 Emergency Equipment Available for Response

SPLP's contractors will be required to stockpile fire extinguishers, containment booms, absorbent pads, and portable spill containment kits and containers at all project work locations.

Equipment will be tested and maintained, as necessary, to assure its proper operation in time of emergency. After an emergency, equipment will be decontaminated, cleaned, and re-fit for its intended use before normal operations resume.

5.0 EMERGENCY SPILL CONTROL NETWORK

5.1 Arrangements with Local Emergency Response Agencies and Hospitals

A list of hospitals, police departments and fire departments identified in the area adjacent to the project is found in Appendix D. Appendix D contains the list of the emergency response agencies, their address and their phone number. In the case where any of these agencies cannot be contacted directly, 9-1-1 should be contacted. Directions to the hospitals in the area from different area points through the pipeline are found on appendix E.

5.2 Notification List

The list of Federal, State and local agencies that should be notified in the case of a spill can be found in Appendix F. The Emergency Response Coordinator would determine the agencies that need to be notified in the event accordingly.

5.3 Downstream Notification Requirement for Storage Tanks

Not required for this project because not a storage tank facility with aggregate aboveground storage of more than 21,000 gallons of regulated substances.

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Figures

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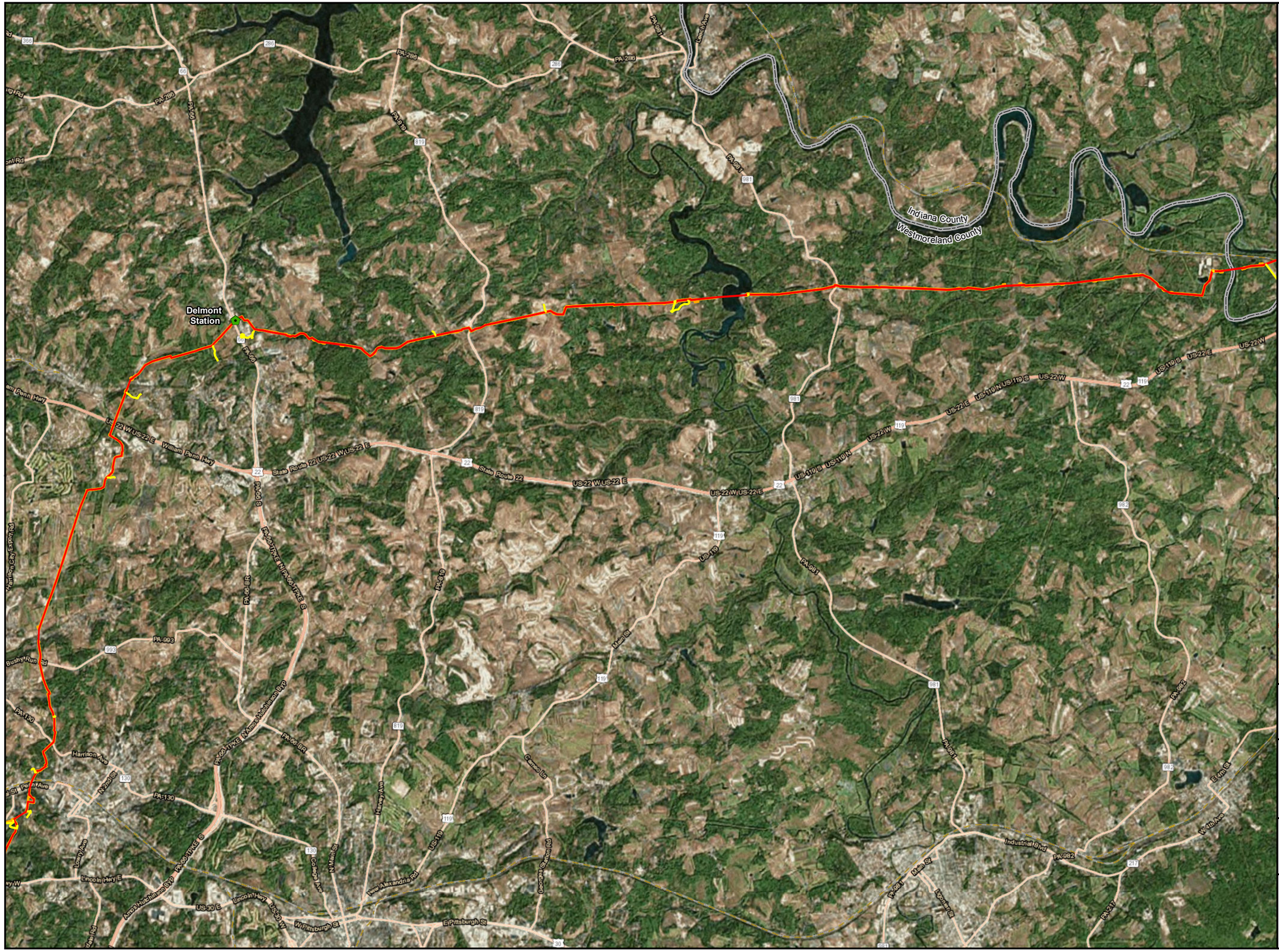
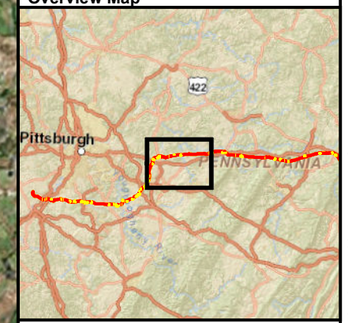


Legend

- Delmont Station
- Alignment Centerline
- Access Road
- Limit of Disturbance
- County Boundary

Overview Map



N

0 3,500 7,000 Feet

0 1,066.8 2,133.6 Meters

AERIAL MAP
FIGURE 1
PENNSYLVANIA PIPELINE PROJECT
SUNOCO LOGISTICS, L.P.
WESTMORELAND COUNTY, PENNSYLVANIA

TETRA TECH

Notes:
1) Aerial photograph provided by ESRI's ArcGIS Online World Imagery map service (© 2011 ESRI and its data suppliers).
2) Coordinate system is NAD 83 State Plane Pennsylvania South.

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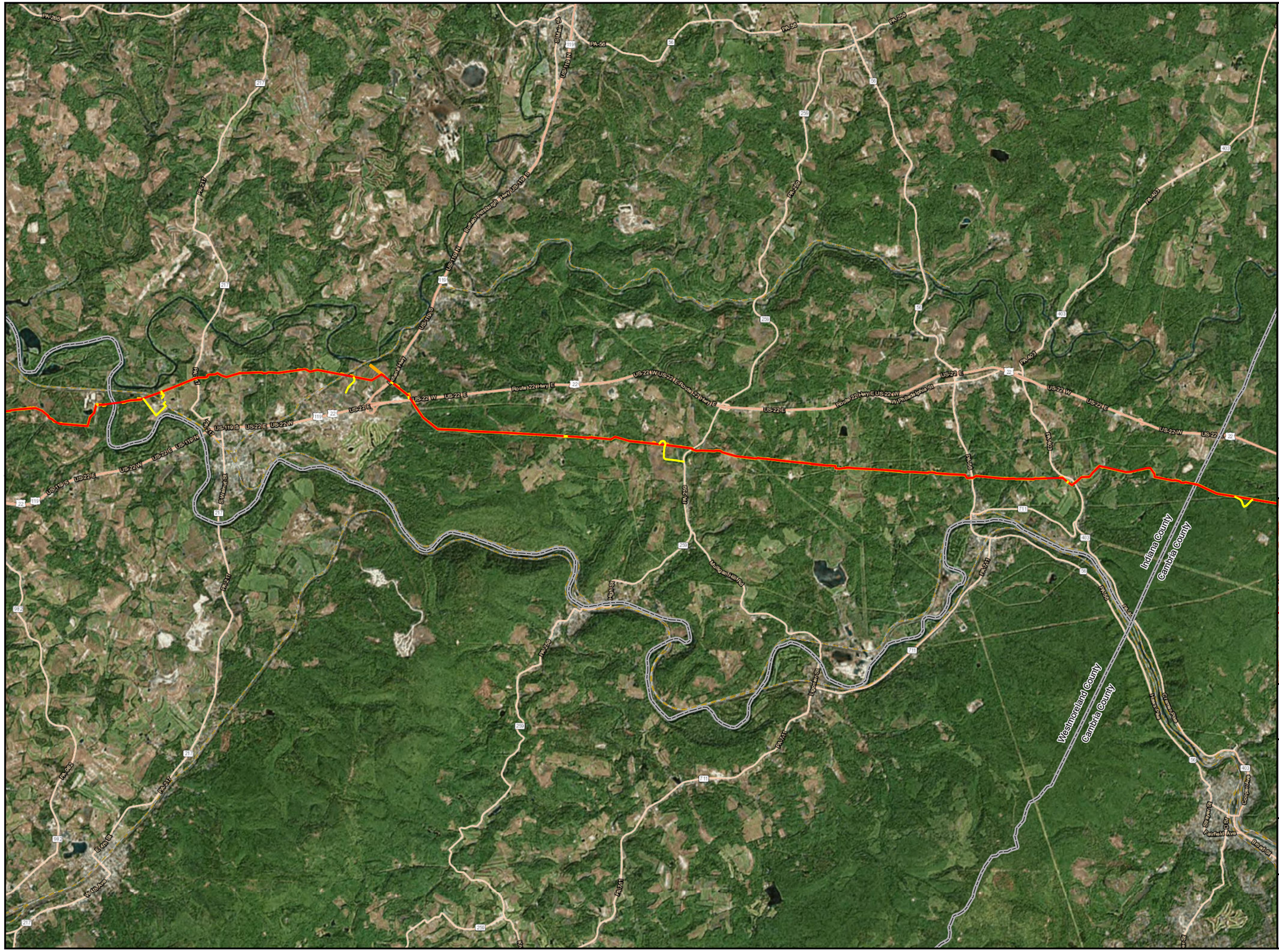

Legend

- Delmont Station
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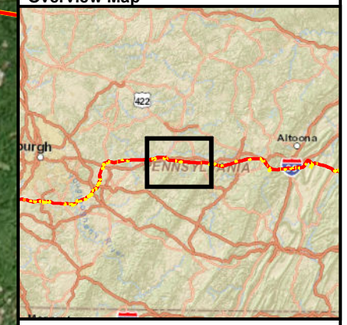
Overview Map



N

0 4,000 8,000 Feet

0 1,219.2 2,438.4 Meters

AERIAL MAP
FIGURE 1
PENNSYLVANIA PIPELINE
PROJECT SUNOCO LOGISTICS, L.P. INDIANA COUNTY, PENNSYLVANIA

TETRA TECH

Notes:
1) Aerial photograph provided by ESRI's ArcGIS Online World Imagery map service (© 2011 ESRI and its data suppliers).
2) Coordinate system is NAD 83 State Plane Pennsylvania South.

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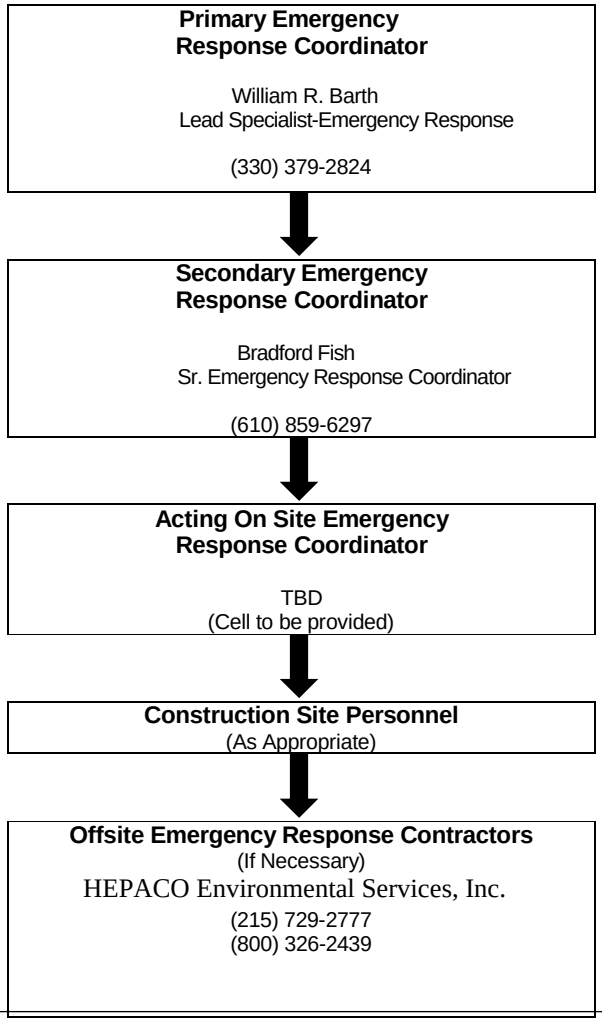
FIGURE 2

SUNOCO Pipeline L.P.

CHAIN OF COMMAND FOR EMERGENCY RESPONSE



Agency Notifications, If Required	
Local Authorities	911
DEP	(800) 541-0250
DEP Southwest Region	(412) 442-4000
National Response Center	(800) 424-8802
OSHA	(800)321-6742
Pennsylvania EMA	(724) 548-3225 (8:00-5:00)
	911 (After Hours)
Pennsylvania Emergency Medical Services	(717) 787-8740

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Appendix A

USGS Project Location Maps

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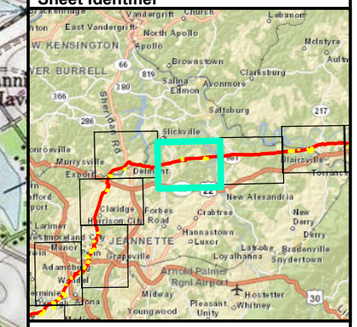
Legend

- Alignment Centerline
- Access Road
- Limit of Disturbance
- Block Valve Station
- Pump Station

Sheet Identifier



N

Feet
0 1,000 2,000

Meters
0 300 600

PROJECT LOCATION MAP
ATTACHMENT 1-11
PENNSYLVANIA PIPELINE PROJECT
SUNOCO LOGISTICS, L.P.
WESTMORELAND COUNTY, PA

TETRA TECH

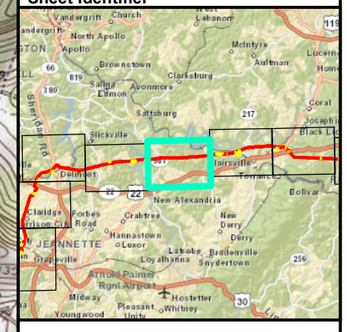
Notes:
1) Topographic map provided by ESRI's ArcGIS Online USA Topo Maps map service (© 2013 National Geographic Society, i-cubed).
2) Quadrangle(s) displayed are Saltsburg, Slickville.

PGH P:\GIS\SUNOCO\MARINER EAST 2\MXD\PPP ESCGP\PENNPIPELINE_SOUTHWEST_USGS_ESCGP MXD 02/26/18 SP

Legend

- Alignment Centerline
- Access Road
- Limit of Disturbance
- Block Valve Station
- Pump Station

Sheet Identifier



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Meters
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PROJECT LOCATION MAP
ATTACHMENT 1-12
PENNSYLVANIA PIPELINE PROJECT
SUNOCO LOGISTICS, L.P.
WESTMORELAND COUNTY, PA

TETRA TECH

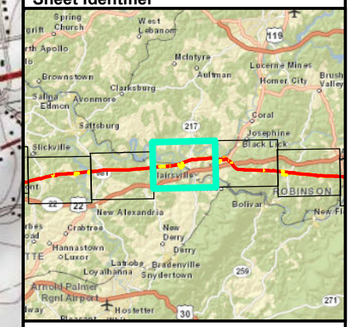
Notes:
1) Topographic map provided by ESRI's ArcGIS Online USA Topo Maps map service (© 2013 National Geographic Society, i-cubed).
2) Quadrangle(s) displayed are Blairsville, Saltsburg.

P:\GIS\SUNOCO\MARINER EAST 2\MXD\PPP ESCGP\PENNPIPELINE_SOUTHWEST_USGS_ESCGP.MXD 02/26/16 SP

Legend

- Alignment Centerline
- Access Road
- Limit of Disturbance
- Block Valve Station
- Pump Station

Sheet Identifier



Feet
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Meters
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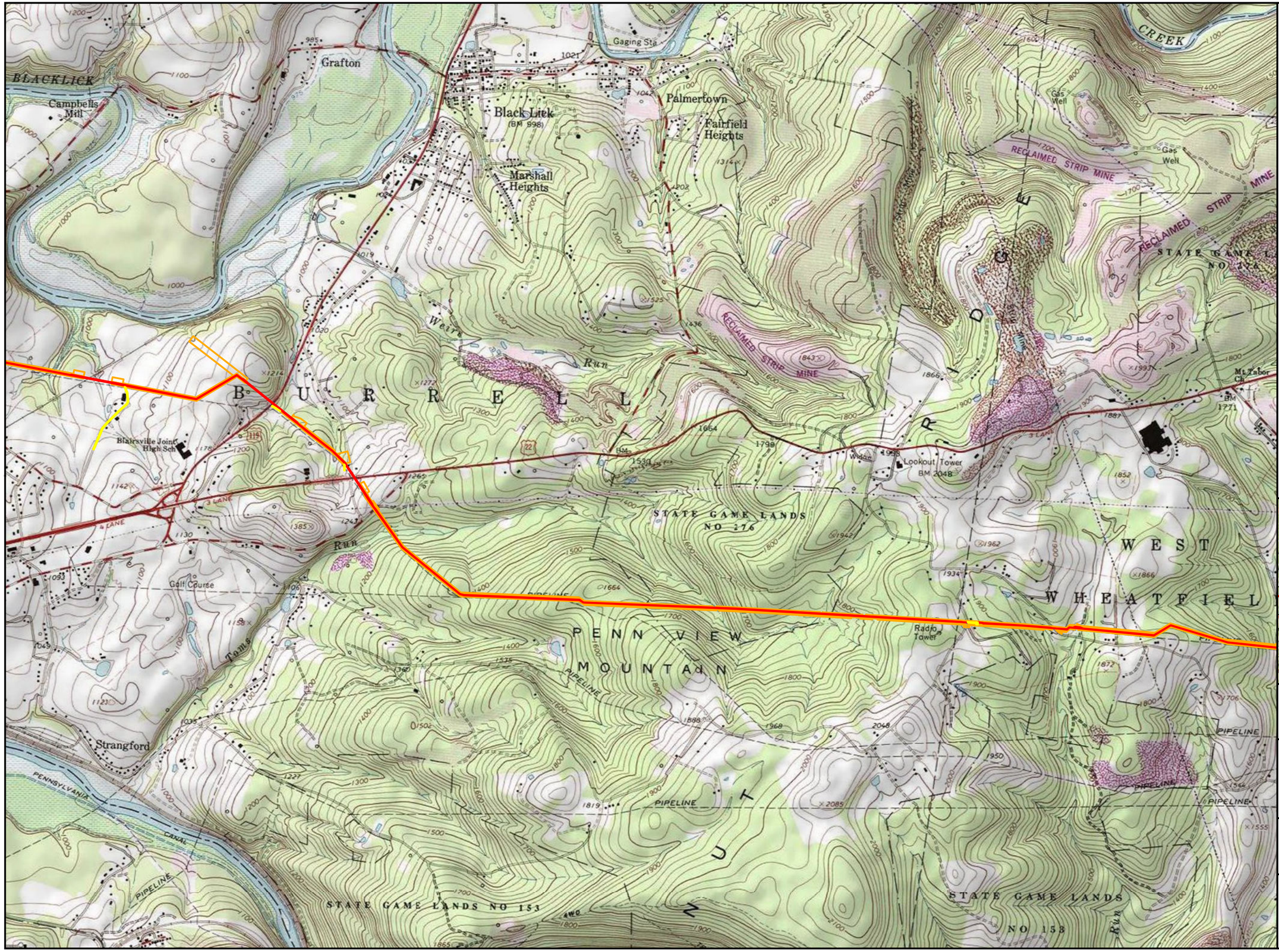
PROJECT LOCATION MAP
ATTACHMENT 1-13
PENNSYLVANIA PIPELINE PROJECT
SUNOCO LOGISTICS, L.P.
INDIANA COUNTY, PA

TETRA TECH

Notes:
1) Topographic map provided by ESRI's ArcGIS Online USA Topo Maps map service (© 2013 National Geographic Society, i-cubed).
2) Quadrangle(s) displayed are Blairsville, Bolivar.

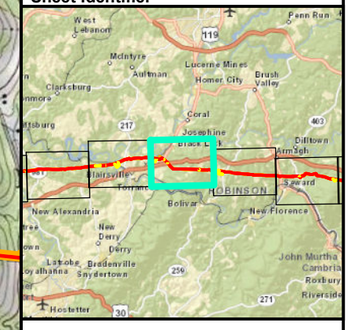
PGH P:\GIS\SUNOCO\MARINER EAST 2\MXD\PPP ESCGP\PENNPIPELINE_SOUTHWEST_LOGS_ESCGP.MXD 02/26/16 SP



Legend

- Alignment Centerline
- Access Road
- Limit of Disturbance
- Block Valve Station
- Pump Station

Sheet Identifier



Feet
0 1,000 2,000

Meters
0 300 600

PROJECT LOCATION MAP
ATTACHMENT 1-14
PENNSYLVANIA PIPELINE PROJECT
SUNOCO LOGISTICS, L.P.
INDIANA COUNTY, PA

TETRA TECH

Notes:
1) Topographic map provided by ESRI's ArcGIS Online USA Topo Maps map service (© 2013 National Geographic Society, i-cubed).
2) Quadrangle(s) displayed are Bolivar.

PGH P:\GIS\SUNOCO\MARINER EAST 2\MXD\PPP ESCGP\PENNPIPELINE_SOUTHWEST_LRS\GIS_ESCGP.MXD 02/29/16 SP

Appendix B

Emergency Coordinator's Duties and Responsibilities

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EXAMPLES OF AN EMERGENCY COORDINATOR'S DUTIES AND RESPONSIBILITIES

Whenever there is an imminent or actual emergency situation, the emergency coordinator must immediately:

1. Activate facility alarms or communications systems, where applicable, to notify facility personnel; and

2. Notify local emergency response agencies including the Department.

Whenever there is an emission or discharge, fire, or explosion, the emergency coordinator must immediately identify the character, exact source, amount, and areal extent of emitted or discharged materials. He may do this by observation or review of records and, if necessary, by chemical analysis.

Concurrently, the emergency coordinator must assess possible hazards to human health or the environment that may result from the emission or discharge, fire, or explosion. This assessment must consider both direct and indirect effects of the emission, discharge, fire, or explosion.

If the emergency coordinator determines that the installation has had an emission, discharge, fire, or explosion which would threaten human health or the environment, he must immediately notify the applicable local authorities including the county emergency management agency and indicate if evacuation of local areas may be advisable; and immediately notify the Department in accordance with Appendix IV; the National Response Center; and the Pennsylvania Emergency Management Agency; and report the following:

a. Name of the person reporting the incident

b. Name and location of the installation

c. Phone number where the person reporting the spill can be reached

d. Date, time, and location of the incident

e. A brief description of the incident, nature of the materials or wastes involved, extent of any injuries, and possible hazards to human health or the environment

f. The estimated quantity of the materials or wastes spilled, and

g. The extent of contamination of land, water, or air, if known.

When there is a release from an aboveground storage tank which threatens the water supply of downstream users, these downstream users (on the Downstream Notification List) must be notified within 2 hours of the release. Priority for notification is by closest proximity to the release site.

During an emergency, the emergency coordinator must take all reasonable measures necessary to ensure that fire, explosion, emission, or discharge do not occur, reoccur, or spread to other materials or wastes at the installation. These measures shall include where applicable, stopping manufacturing processes and operations, collecting and containing released materials or wastes, and removing or isolating containers.

If the installation stops operations in response to a fire, explosion, emission, or discharge, the emergency coordinator must ensure that adequate monitoring is conducted for leaks, pressure

buildup, gas generation, or ruptures in valves, pipes, or other equipment, wherever this is appropriate.

Immediately after an emergency, the emergency coordinator, with Departmental approval, must provide for treating, storing, or disposing of residues, contaminated soil, etc., from an emission, discharge, fire, or explosion at the installation.

The emergency coordinator must insure that in the affected areas of the installation, no material or waste incompatible with the emitted or discharged residues is processed, stored, treated, or disposed of until cleanup procedures are completed; and, all emergency equipment listed in the plan is cleaned and fit for its intended use before operations are resumed.

Within 15 days after the incident, the installation must submit a written report on the incident to the Department. The report must include the following:

a. Name, address, and telephone number of the individual filing the report

b. Name, address, and telephone number of the installation

c. Date, time, and location of the incident

d. A brief description of the circumstances causing the incident

e. Description and estimated quantity by weight or volume of materials or wastes involved

f. An assessment of any contamination of land, water, or air that has occurred due to the incident

g. Estimated quantity and disposition of recovered materials or wastes that resulted from the incident, and

h. A description of what actions the installation intends to take to prevent a similar occurrence in the future.

Appendix C

Inspection Sheet

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PPC INSPECTION FORM

Pipeline:
Date:
Inspector:

Component	Deficiency Observed			Corrective Measure
Erosion and Sedimentation Control Measures in place	Y	N	NA	
Dust Control Measures	Y	N	NA	
Traffic control measures in place	Y	N	NA	
Temporary impermeable containment present for storage of hazardous materials	Y	N	NA	
Designated loading and unloading areas of hazardous chemicals	Y	N	NA	
Storage of Hazardous Materials > 50' feet from water bodies	Y	N	NA	
Maintenance of proper spacing for pathways and drives between containers/tanks/drums	Y	N	NA	
Neat and orderly storage of hazardous materials	Y	N	NA	
Placard identification of Hazardous Materials present	Y	N	NA	
Material Safety Data Sheets present	Y	N	NA	
Noticeable leaks of drums	Y	N	NA	
Noticeable soil staining	Y	N	NA	
Noticeable sheen on rainwater in secondary containment	Y	N	NA	
Noticeable sheen on drainage from secondary containment to water body	Y	N	NA	
Noticeable sheen on water body downgradient of storage area	Y	N	NA	

Container Integrity (provide additional information on all primary containers) _____

_____

Other Comments: _____

_____

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Appendix D

Local Emergency Response Agencies and Hospitals

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Appendix D-1

Fire Departments

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Appendix D.1
Police Departments
Pennsylvania Pipeline Project - U.S. Army Corps Loyalhanna Lake and Conemaugh River Lake

Police Department	Address	Phone Number
Westmoreland		
PA State Police-Greensburg (Hempfield, Salem, Loyalhanna, and Derry)	100 North Westmoreland Ave., Greensburg, PA 15601-0436	724-832-3288
Indiana County		
Pennsylvania State Police (Burrell, East Wheatfield, and West Wheatfield Township)	4221 Route 286 Highway West, Indiana, PA 15701	724-357-1960

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Appendix D-2

Hospitals

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Appendix D.2
Fire Departments
Pennsylvania Pipeline Project - U.S. Army Corps Loyalhanna Lake and Conemaugh River Lake

Fire Department	Address	Phone Number
Westmoreland County		
Saltsburg Fire Department (Loyalhanna)	313 Salt St., Saltsburg, PA 15681	724-639-9771
Indiana County		
Blairsville Volunteer Fire Department (Burrell)	51 West Campbell Street, Blairsville, PA 15717	724-459-8111

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Appendix D-3

Police Departments

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Appendix D.3
Hospitals
Pennsylvania Pipeline Project - U.S. Army Corps Loyalhanna Lake and Conemaugh River Lake

Hospital	Address	Phone Number
Westmoreland County		
Monongahela Valley Hospital	1163 Country Club Road, Monongahela, Pa 15063	724-258-1000
Excela Health Westmoreland	532 West Pittsburgh Steet, Greensburg, PA 15601	724-832-4000
Forbes Hospital	2570 Haymaker Road, Monroeville, Pa 15146	412-858-2000
Indiana County		
Latrobe Hospital	121 W 2nd Ave, Latrobe, PA 15650	724-537-1000
Conemaugh Memorial Medical Center	1086 Franklin St., Johnstown, PA 15905	814-534-9000

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Appendix E

Hospital Route Maps

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Route for Moronini Farm Road Access Road
Starting Point
LAT: 40° 25' 18.016" N
LON: 79° 34' 58.098" W

Route for Randall and Utah Court Access Roads
Approximate Starting Point
LAT: 40° 24' 48.204" N
LON: 79° 36' 21.712" W

Route for Chestnut Lane and Harrison Avenue Access Roads
Approximate Starting Point
LAT: 40° 20' 20.879" N
LON: 79° 37' 35.105" W

Route for Burrell Hill Circle, Lincoln Highway, and Penn High Park Road Access Roads
Approximate Starting Point
LAT: 40° 20' 00.899" N
LON: 79° 37' 56.824" W

Route for Edna Road, Penn Adamsburg Road, and Red Dog Lane Road Access Roads
Approximate Starting Point
LAT: 40° 18' 59.198" N
LON: 79° 38' 44.790" W

Route for Arona, Evanston, Herminie, Monkey Wrench, and Old Harmony Road Access Roads
Approximate Starting Point
LAT: 40° 17' 38.850" N
LON: 79° 38' 45.539" W

Route for Balentine Road Access
Starting Point
LAT: 40° 14' 39.599" N
LON: 79° 43' 03.331" W

Route for Koontz and
Hi Acres Road Access Road
Starting Point
LAT: 40° 26' 02.616" N
LON: 79° 27' 23.177" W

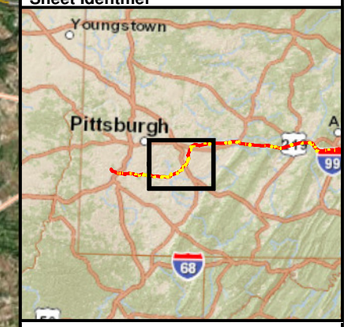
Legend

- Fire Department
- Hospital
- Police Department
- Delmont Station
- Alignment Centerline
- Access Road
- Study Area

Hospital Route

- Excela Health Westmoreland
- Forbes Hospital
- Latrobe Hospital
- Monongahela Hospital

Sheet Identifier



N

Miles
0 1 2

Kilometers
0 1.61 3.22

HOSPITAL ROUTE MAP
APPENDIX E - 2
PENNSYLVANIA PIPELINE PROJECT
SUNOCO LOGISTICS, L.P.
WASHINGTON, ALLEGHENY, AND WESTMORELAND COUNTY, PENNSYLVANIA

TETRA TECH

Notes:
1) Aerial photograph provided by ESRI's ArcGIS Online World Imagery map service (© 2011 ESRI and its data suppliers).
2) Coordinate system is NAD 83 State Plane Pennsylvania South.

P:\GIS\SUNOCO\MARINER EAST 2\MXD\PPP PPC PLAN\PENNPIPELINE_PPC_SW_ HOSPITALRTE_2.MXD 08/28/15 SP

Hospital Route from Koontz Road
Pennsylvania Pipeline Project
U.S. Army Corp Loyalhanna Lake

Koontz Access Point to Excela Health Westmoreland (13.1 miles)

Head southeast on Koontz Rd (0.8 mi)
Continue onto Wolfe Lake Rd (0.2 mi)
Continue onto T929 (1.9 mi)
Turn left onto Fenneltown Rd (79 ft)
Turn right onto Kaufman Rd (0.7 mi)
Follow PA-819 S to W Otterman St in Greensburg (9.4 mi)
Turn left onto PA-819 S (8.5 mi)
Turn right onto US-119 S/Beacon St (194 ft)
Turn left onto Arch Ave (0.2 mi)
Slight right onto E Otterman St (0.2 mi)
Excela Health Westmoreland will be on the right

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Route for Westinghouse Road Access Road
Starting Point
LAT: 40° 26' 41.410" N
LON: 79° 18' 19.771" W

Route for Bush Road Access Road
Starting Point
LAT: 40° 26' 12.206" N
LON: 79° 26' 05.028" W

Route for Newport Road Access Road
Starting Point
LAT: 40° 26' 49.560" N
LON: 79° 16' 51.557" W

Route for US-119 Access Road
Starting Point
LAT: 40° 27' 06.127" N
LON: 79° 12' 42.757" W

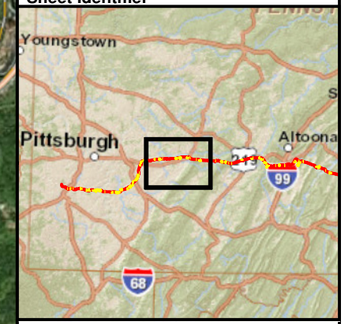
Legend

- Fire Department
- Hospital
- Police Department
- Alignment Centerline
- Access Road
- Study Area

Hospital Route

- Conemaugh Memorial Medical Center
- Excela Health Westmoreland
- IRMC Urgicare*
- Latrobe Hospital

Sheet Identifier



N

Miles
0 1 2

Kilometers
0 1.61 3.22

HOSPITAL ROUTE MAP
APPENDIX E - 3
PENNSYLVANIA PIPELINE PROJECT
SUNOCO LOGISTICS, L.P.
INDIANA AND WESTMORELAND COUNTY, PENNSYLVANIA

TETRA TECH

Notes:
1) Aerial photograph provided by ESRI's ArcGIS Online World Imagery map service (© 2011 ESRI and its data suppliers).
2) Coordinate system is NAD 83 State Plane Pennsylvania South.
3) * indicates the facility is for minor injuries; the facility does not have an emergency department.

PGH P:\GIS\SUNOCO\MARINER EAST 2\MXD\PPP PPC PLAN\PENNPIPELINE_PPC_SW_HOSPITALRTE_3.MXD 06/29/15 SP

Hospital Route from Bush Road Access Road
Pennsylvania Pipeline Project
U.S. Army Corps Loyalhanna Lake and Conemaugh River Lake

Bush Road Access Road to Latrobe Hospital (11.1 miles)

Head southeast on Bush Rd toward Redwing Drive (2.3 mi)
Turn right onto PA-981 S (7.5 mi)
Slight right onto Lattazio Rd (489 ft)
Turn right to stay on Lattanzio Rd (0.3 mi)
Continue onto Derry St (0.2 mi)
Slight right onto Miller St (0.3 mi)
Turn right at the 3rd cross street onto Ligonier St (0.3 mi)
Turn left onto W 2nd Ave (0.2 mi)
Latrobe Hospital will be on the left

Hospital Route from Westinghouse Road Access Road
Pennsylvania Pipeline Project
U.S. Army Corps Loyalhanna Lake and Conemaugh River Lake

Westinghouse Road Access Road to Latrobe Hospital (15.2 miles)

Head south on Westinghouse Rd toward Livermore Rd (2.2 mi)
Turn right onto US-119 S/US-22W (5.4 mi)
Turn left onto PA-981 S (6.3 mi)
Slight right onto Lattazio Rd (489 ft)
Turn right to stay on Lattanzio Rd (0.3 mi)
Continue onto Derry St (0.2 mi)
Slight right onto Miller St (0.3 mi)
Turn right at the 3rd cross street onto Ligonier St (0.3 mi)
Turn left onto W 2nd Ave (0.2 mi)
Latrobe Hospital will be on the left

Hospital Route from Newport Road Access Road
Pennsylvania Pipeline Project
U.S. Army Corps Loyalhanna Lake and Conemaugh River Lake

Newport Road Access Roads to Latrobe Hospital (12.6 miles)

Head south on Lakeview Dr toward Barnview Cir (0.2 mi)
Turn left onto Newport Rd/State Rte 3009 (0.4 mi)
Turn right onto PA-217 S (0.6 mi)
Turn left to merge onto US-119S/US-22 W (8.9 mi)
Turn left onto PA-981 S (6.3 mi)
Slight right onto Lattazio Rd (489 ft)
Turn right to stay on Lattanzio Rd (0.3 mi)
Continue onto Derry St (0.2 mi)
Slight right onto Miller St (0.3 mi)
Turn right at the 3rd cross street onto Ligonier St (0.3 mi)
Turn left onto W 2nd Ave (0.2 mi)
Latrobe Hospital will be on the left

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Appendix F

Federal, State and Local Agencies

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Appendix F
Federal/State/County Agencies
Pennsylvania Pipeline Project - U.S. Army Corps Juniata Lake and Conemaugh River Lake

Federal Agencies

Agency	Phone Number
EPA - Region 3	215-814-5000
	800-438-2474
OSHA	800-321-6742
US EPA National Response Center	800-424-8802
Poison Control Center	800-222-1222
US Coast Gard National Response Center	800-424-8802

State Agencies

Agency	Phone
PA DEP Southwest Region Emergency Number	412-442-4000
PA Emergency Medical Services	717-787-8740
PA Emergency Management Agency	717-651-2001
PA Fish and Boat Commission	814-445-8974

County Agencies

Agency	Phone
Westmoreland County Health Department	724-832-5315
Westmoreland Country Emergency Management Agency	724-600-7300

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PREPAREDNESS, PREVENTION, AND CONTINGENCY PLAN

Pennsylvania Pipeline Project-

U.S. Army Corps Raystown Lake

May 2016

Prepared for:

Sunoco Pipeline, L.P.
535 Fritztown Road
Sinking Spring, PA 19608

Prepared by:

Tetra Tech, Inc.
661 Andersen Drive
Pittsburgh, PA 15220

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TABLE OF CONTENTS

Section **Page**

LIST OF APPENDICES

Appendix

LIST OF FIGURES

Figures

LIST OF ACRONYMS and ABBREVIATIONS

ACRONYM	MEANING
PPC	Preparedness, Prevention and Contingency
DEP	Pennsylvania Department of Environmental Protection
NPDES	National Pollutant Discharge Elimination System
SPR	Spill Prevention Response
ROW	Right-of-way
E&S	Erosion and Sedimentation
ESCGP-2	Erosion and Sediment Control General Permit 2
RCRA	Resource Conservation and Recovery Act
MSDS	Material Safety Data Sheet
FOV	Findings of Violations
NOV	Notification of Violations
EMA	Emergency Management Agency
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
HDD	Horizontal Directional Drilling
SPLP	Sunoco Pipeline, L.P.
NGL	Natural Gas Liquid

Preface:

This Preparedness, Prevention and Contingency (PPC) Plan has been prepared for the Sunoco Pipeline, L.P. (SPLP) – Pennsylvania Pipeline Project.

The information contained in this PPC Plan and format of the document have been prepared in accordance with the Pennsylvania Department of Environmental Protection (PADEP) Guidelines for the Development and Implementation of Environmental Emergency Response Plans (dated August 2005) and PADEP's Supplemental Guidance for the Development and Implementation of PPC Plans under the National Pollutant Discharge Elimination System (NPDES) Stormwater Permitting Program (dated August 2005).

This PPC Plan was developed to satisfy the applicable requirements of federal and state regulatory programs, consistent with PADEP August 2005 Guidelines for the Development and Implementation of Emergency Response Plans.

This project is for the installation of a transmission pipeline and not a regulated storage tank facility with an aggregate aboveground storage capacity of more than 21,000 gallons, therefore, a Spill Prevention Response (SPR) plan is not required.

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1.0 DESCRIPTION OF FACILITY

1.1 General Description of the Operation

Sunoco Pipeline L.P. (SPLP) proposes to construct, install, and operate a portion (approximately five [5] miles) of the Pennsylvania Pipeline Project (Project) on five (5) land parcels within U.S. Army Corps owned/operated lands in the Pittsburgh District (associated with Loyalhanna Lake and Conemaugh River Lake) in Westmoreland and Indiana counties, respectively; and one (1) land parcel in the Baltimore District (associated with Raystown Lake) in Huntingdon County. The entire Project consists of approximately 306 miles (Figure 1) of two (2) parallel natural gas liquid (NGL) pipelines (up to 20-inches in diameter) within a 50-foot wide permanent right-of-way (ROW) corridor from Houston, Washington County, Pennsylvania, to SPLP's Marcus Hook facility in Delaware County, Pennsylvania. The Project will transport up to 700,000 barrels of NGLs per day, including propane, butane, and potentially ethane. During construction, the 50-foot wide ROW will be used for workspace, and typically, an additional 25 feet of temporary workspace will be required; additional temporary workspace will also be required in some areas to support special construction techniques (such as for horizontal directional drilling).

The project includes all of the phases of work to install the pipeline including clearing of ROWs, control of erosion and sedimentation (E&S), trench excavation work, pipeline installation and hydrostatic testing, proper backfilling of trenches and restoration of the ROWs after completion of pipeline installation activities. An aerial map of the pipeline project crossing Raystown Lake is shown in Figure 1. The USGS figures for the project route are provided in Appendix A. Information regarding access road entrances to the project site is provided on the E&S design sheets provided as part of the Erosion and Sediment Control General Permit 2 (ESCGP-2) package.

After approval, this PPC Plan will be implemented as part of the pipeline construction project. This project site will contain excavation equipment, haulage equipment for supplies, pipe and pipeline handling equipment, pipe cutting and joining equipment, conventional boring equipment, horizontal directional drilling equipment, service equipment and transportation equipment for personnel, tools, parts, supplies, fuel, lubricants, etc.

Site conditions will vary between individual project components; however, they will be developed and reclaimed in accordance with the approved ESCGP-2 for the area that is disturbed.

1.2 Description of Emergency Response Plan

The purpose of this PPC Plan is to ensure adequate preparedness for rapid and appropriate response to an event that could affect the safety and well-being of any personnel that are located on-site such as SPLP employees, any worksite contractor, or member of the general public. Additionally, the PPC Plan provides for a course of action to protect the local environment and any assets from an event that interrupts the normal operation at the site and could result in a threat to health and/or the environment if not properly addressed. This PPC Plan will be revised

as required for addition of new processes or chemicals at the worksite or if there is a major modification to the worksite activities, emergency response equipment or resources, or responsible personnel.

Copies of the PPC Plan will be located at the field office and the worksite in an appropriate place for the use of Managers and Emergency Response Coordinators. No previous emergency response plans were prepared for this new construction project and this plan is intended for use during the construction activities associated with the installation of this pipeline.

This is the only plan that has been developed for this project for the purpose of pollution incident prevention and/or emergency response preparedness. Discussions may be contained in other documents related to this project but this document is the primary and complete source for information regarding this topic.

1.3 Material and Waste Inventory

The materials anticipated to be stored on site during this pipeline construction includes diesel fuel, lubricating oil, bentonite clay, and welding gasses (oxygen and acetylene). There are no materials known to be used, stored or disposed of at the site that are considered hazardous materials under the Resource Conservation and Recovery Act (RCRA) regulations.

The following table contains general information about the materials that would be located at the site. Safety Data Sheets (SDS) would be present on site and will be provided as requested.

Materials and Waste	Secondary Containment	Spill containment	Final Disposal
Diesel	Yes	Absorbent Pads and material. Shovel and sealable drum containers.	Off-spec material is recycled or disposed consistent with applicable regulations. Used absorbents disposed as identified below.
Lubricating Oil	No	Absorbent Pads and material. Shovel and sealable drum containers.	Off-spec material is recycled or disposed consistent with applicable regulations. Used absorbents disposed as identified below.
Acetylene	No	NA	Unused cylinders returned, if appropriate,

Materials and Waste	Secondary Containment	Spill containment	Final Disposal
			or retained for use on another project.
Bentonite Clay	No	Shovel and sealable drum containers.	Unused bags returned, if appropriate, or retained for use on another project.
Used Absorbents and miscellaneous wastes	No	Empty sealable drum containers or other appropriate disposal container.	Transported to a SPLP or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the disposal facility. Recycling options may be considered when available.

1.4 Pollution Incident History

This is a new pipeline construction site and no previous incidents at this location for this type of project exists. SPLP has had previous reportable incidences on pipeline construction sites in the past; however, all releases were reported to the DEP and corrective measures were taken in the field to clean up the discharges. A list of Finding of Violations (FOV) and Notification of Violations (NOV) is submitted as part of the permitting process and included in the ESCGP-2 package.

1.5 Implementation Schedule for Plan Elements Not Currently in Place

No missing or incomplete aspects of the plan have been identified.

1.6 Purpose and Implementation of a PPC Plan

SPLP will implement this PPC Plan for effective action to minimize and abate hazards to human health and the environment from fire, explosion, emission or discharge of pollutants to air, soil, surface water or groundwater. This plan was prepared to satisfy the requirements set forth in 25 Pa. Code Section 78.

Although hazardous wastes are not stored at the site, this PPC Plan nevertheless describes the actions that SPLP or contractor personnel will take to comply with 25 Pa. Code Sections 265.51 and 265.56, in response to fire, explosion, emissions or discharges of hazardous waste or hazardous waste constituents to air, soil, surface water or groundwater. The PPC Plan has been

prepared and implemented in general accordance with PADEPs guidelines. The PPC Plan describes arrangements agreed to by local police departments, fire departments, hospitals, contractors, and state, county, and local emergency response teams to coordinate emergency services, under Subchapter C (relating to preparedness and prevention). Formal contractual arrangements are not required since there are no hazardous wastes managed at the site. The PPC Plan lists names, addresses and phone numbers of all persons qualified to act as Emergency Coordinator. One person is named as the Primary Emergency Coordinator and others are listed in the order in which they will assume responsibility as alternates. The PPC Plan includes a list of emergency equipment at the facility. In addition, the PPC Plan includes the location and a physical description of items on the list, and a brief outline of its capabilities.

1.7 Plan Revisions

This PPC Plan will be periodically reviewed and amended, if necessary, whenever:

- Applicable department regulations are revised;
- The plan fails in an emergency;
- The list of Emergency Coordinators changes;
- The list of emergency equipment changes; and
- Construction, operation, maintenance, or other circumstances change in a manner that materially increases the potential for fires, explosions, or releases of toxic or hazardous constituents; or which changes the response necessary in an emergency.

2.0 Plan Implementation

2.1 Organizational Structure for Developing, Implementing and Maintaining the PPC Plan

The Primary Emergency Coordinator has been identified as Bradford L. Fish who is the project manager assigned to this project. As the Primary Emergency Coordinator he is responsible for the following:

- Verifying tank and chemical storage areas inspections are conducted,
- Coordination of spill cleanup activities in the event of an incident; and
- Notification of appropriate authorities.

Bradford L. Fish is located at:

100 Green Street
Marcus Hook, PA 19061
610-859-6297 – Office
610-212-6972 – cell
blfish@sunocologistics.com

SPLP is administrative responsible for updating, maintaining, and implementing this PPC Plan. This plan will be updated as needed to identify and incorporate any new or existing materials and wastes on site and identify proper procedures associated with these materials.

2.2 List of Emergency Response Coordinators

At least one employee, either on the construction site or on call, with the responsibility for coordinating emergency response measures. The Primary and Secondary Emergency Response Coordinators as well as the acting Emergency Response Coordinators will be thoroughly familiar with this PPC Plan, site operations and activities, the location and characteristics of materials and wastes handled, the location of the site's records, and the layout of the site. The Primary and Secondary Emergency Coordinators have the authority to commit the resources necessary to carry out the PPC Plan and for coordinating emergency response measures and assign acting Emergency Response Coordinators that will be on site and report directly to the primary and/or secondary Emergency Response Coordinators. In the event of a spill or release, one of the Emergency Response Coordinators will be immediately notified. The following individuals have been designated to act as Emergency Coordinators:

Primary Contact:

Name: Bradford L. Fish
Title: Sunoco Logistics- Sr. Emergency Response Coordinator
Office: 100 Green Street
Marcus Hook, PA 19061
Phone Number: 610-859-6297 – Office, 610-212-6972 – cell
E-mail: blfish@sunocologistics.com

Secondary Contact:

Name: William R. Barth Jr.
Title: Sunoco Logistics - Lead Specialist-Emergency Response
Office: 999 Home Avenue
Akron, Ohio 44310
Phone: 330-379-2824-office, 330-352-3252-cell
Email: wrbarth@sunocologistics.com

Acting on-site Emergency Response Coordinators will be identified at the beginning of any field activities. They will report any incidents directly to the primary and secondary Emergency Response Coordinators after the proper immediate response actions are conducted.

2.3 Duties and Responsibilities of the Emergency Response Coordinator

It is the responsibility of the Emergency Response Coordinator during an emergency to activate the alarm systems, notify emergency response agencies, identify the problem, assess the health and environmental hazards, and take all reasonable measures to stabilize the situation. Additionally, the Emergency Response Coordinator will conduct a follow-up investigation after the incident and is responsible for facilitating activities such as treatment, storage and disposal of residues, contaminated soil, decontamination and maintenance of emergency equipment, and submission of any reports.

If the Emergency Response Coordinator determines that the site has had an incident (spill, fire, or explosion) which would threaten human health or the environment and if evacuation of local areas may be advisable, immediately notify the applicable local authorities (police, fire, etc.). Section 5.0 provides information regarding the local authorities and agencies that need to be contacted.

The following information will be reported:

- Name of the person reporting the incident;
- Location of the incident;
- Telephone number where the person reporting the incident can be reached;
- Date, time, and location of the incident;

- A brief description of the incident, nature of the materials involved, extent of any injuries, and possible hazards to human health or the environment;
- The estimated quantity of the materials involved; and
- The extent of contamination of land, water, or air, if known.

If a release occurs from a storage tank which enters a water supply or which threatens the water supply of downstream users, the Emergency Response Coordinator must immediately notify the appropriate County Emergency Management Agency (EMA) [Appendix F lists all County EMA Contact information], the Pennsylvania EMA at (717) 651-2001, and DEP at (800) 541-2050. If appropriate, the Emergency Coordinator may assist the Emergency Management Agencies in notifying the downstream water users. The priorities for notification will be by closest proximity to the release site.

If spills or discharges of a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) hazardous substance in greater than reportable quantities has occurred, the Emergency Coordinator must notify PADEP at (800) 541-2050 and the National Response Center at (800) 424-8802 and report the above information. For an offsite release (spill or discharge) of a reportable quantity of a CERCLA hazardous substance or a Superfund Amendments and Reauthorization Act Extremely Hazardous Substance, the Emergency Coordinator must immediately notify the National Response Center at (800) 424-8802 and report the above information.

Within 15 days after the incident, the installation must submit a written report on the incident to PADEP. The report must include the following:

a. Name, address, and telephone number of the individual filing the report

b. Name, address, and telephone number of the installation

c. Date, time, and location of the incident

d. A brief description of the circumstances causing the incident

e. Description and estimated quantity by weight or volume of materials or wastes involved

f. An assessment of any contamination of land, water, or air that has occurred due to the incident

g. Estimated quantity and disposition of recovered materials or wastes that resulted from the incident, and

h. A description of what actions the installation intends to take to prevent a similar occurrence in the future.

The report will be submitted to:

Director - Bureau of Water Quality Management
Pennsylvania Department of Environmental Protection
909 Elmerton Avenue
Harrisburg, PA 17110

Regional Administrator
U.S. Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia, PA 19103

Director - DEP Southcentral Regional Office
Pennsylvania Department of Environmental Protection
909 Elmerton Ave.
Harrisburg, PA 17110
Additional information regarding Emergency Coordinator's Duties and Responsibilities are provided in Appendix B.

2.4 Chain of Command

In the event of a spill or other emergency all site personnel are required to report the incident to the Emergency Response Coordinator. A Chain of Command flow chart has been developed that lists the positions, phone number, and responsibility in the event of a spill (Figure 2). This figure is to be posted on the bulletin board and other appropriate locations in the work site.

3.0 Spill and Leak Prevention and Response

3.1 Pre-release Planning

All employees will be made aware of the PPC Plan and how it is to be implemented in the event of an emergency. The information to be provided will address the following items:

- Incident Response Organization
- Roles and Responsibilities
- Notification Procedures
- Evacuation Procedures
- Incidental Chemical Spill response

As part of the pre-planning effort various steps can be taken to prevent an accidental spill or other incident. Some actions that can be taken include:

Petroleum Products (diesel and Lubrication Oils):

- Aboveground storage tanks and/or containers will be visually inspected;
- Special care is taken when filling fuel tanks on mobile equipment to ensure that fuel is not lost through product transfer;
- Containers of regulated materials shall be visually inspected regularly for leaks;
- Regulated materials will be stored in a manner that minimizes the potential contact with stormwater;
- Any materials stored on site must be in a double wall container/ or must be contained in a basin that is 110% of the volume that the container holds;
- All Heavy equipment must have spill kits attached to them;
- Where possible or practicable, regulated materials shall be provided with secondary containment, or other measures, to contain potential spills;
- Absorbent and spill control materials shall be maintained on-site for emergency use;
- Emergency response personnel are familiar with procedures to follow in the case of a spill; and
- In cases where there may be leaking equipment or operations where oil or oil-related compounds are leaked, spilled, or otherwise released, containment booms or absorbent materials shall be used.

Acetylene tanks:

- Visual inspection of tanks, valves, and hoses associated with the fuel tanks;
- Make sure all connections are properly secured;
- Secure tanks so that they cannot fall;
- Store tanks in an area that will remove the potential to get impacted by construction equipment

Bentonite Clay:

- Assure proper storage and handling.
- Be prepared to respond during horizontal directional drilling (HDD) operations to respond and minimize the discharge.

3.2 Material Compatibility

All materials utilized for installation of the pipeline will be designed for the intended applications and working environments. SDS sheets indicating compatibility issues can be found on site or as requested.

3.3 Inspection and Monitoring Program

All sites will be inspected and routinely monitored for leaks or other conditions that could lead to spills or emergency situations. An inspection sheet that would be used during the inspection of the pipeline is shown in Appendix C. Typical inspections will include the following areas/items:

- Pipes, pumps, valves, and fittings for leaks;
- All mobile equipment used on site for leaks and damage;
- Tanks for corrosion or physical damage;
- Tank support structure and foundations for any deterioration or damage;
- Chemical material storage for any evidence of damage or leakage;
- Evidence of any foreign material in site drainage ditches or erosion controls;
- Good housekeeping practices will be observed;
- Damage to shipping containers will be inspected, noted and addressed as required;
- Leaks, seeps or other problems will be noted and corrected as required; and
- Routine monitoring will be performed to determine the general physical condition of the entire site including liquid levels in tanks, quality of site runoff, quality of any waste to be disposed of etc. Monitoring will be used to initiate a warning of need for immediate corrective actions to prevent a spill or other emergency condition.

3.4 Preventative Maintenance

Based on the inspection and monitoring program, a record will be kept and utilized to initiate required preventative procedures to repair and maintain the equipment and site to minimize degradation and repair any hazardous condition that may occur. This program will include systems inspections and calibrations as recommended by equipment manufacturers and good operating practices. Adjustments, repairs and replacements of defective parts will be included in the preventative maintenance program. Record keeping for all repairs and calibrations will be maintained by site and management personnel.

3.5 Housekeeping Program

General housekeeping tasks will include:

- Orderly storage of chemicals, supplies and parts;

- Prompt removal of small spillages to prevent discharge from site and proper disposal of spilled material; and
- All trash will be picked up and contained in an approved container for proper disposal.

3.6 Security

Access to SPLP's worksite may be controlled by a sign at the entrance from the main road. Additional measures such as a gate will be utilized if needed. All chemicals and fluids will be stored at a secure contractor site.

3.7 External Factors

Weather related factors such as inclement weather may limit access to the worksite for a short period of time; however, there should not be any increased risk of an event.

3.8 Employee Training

Training will be provided for site personnel to ensure that they can respond effectively to an emergency by familiarizing them with emergency procedures and emergency equipment including the following where applicable:

- Procedures for using, inspecting, repairing and replacing emergency and containment equipment;
- Key parameters for communications and alarm procedures;
- Proper response to fires and explosions;
- Site evacuation procedures; and
- Shutdown of operations.

4.0 COUNTERMEASURES

4.1 Countermeasures to be Undertaken by Facility

General Spill Clean-Up Procedures:

Spill clean-up generally involves three steps: containment, removal, and disposal. In the event of a spill, it is very important that the material be contained to the maximum extent possible in order to minimize the effect of the spill and the cost of clean-up. Once the spill is contained, the spilled material and contaminated material must be collected and physically removed from the area. In some cases, with certain materials, it may be possible to neutralize a spilled material in place without removal. Finally, the spilled material and contaminated soil, clean-up material, etc., must be disposed of properly.

Specific Spill Clean-Up Procedures:

Petroleum and Petroleum-Related Materials: In dealing with a petroleum spill, the immediate response action is to attempt to eliminate the source of the spill as soon as possible. In the event of an accidental spill, emergency measures will be implemented by SPLP to isolate the spilled material and prevent the release from entering surface water or groundwater. Berms may be constructed to contain the spill, and/or excavation equipment may be used to promptly remove impacted soils, concrete, or asphalt. Stormwater collection structures will be either blocked or pumped, if appropriate, to prevent the release to surface water.

Soil that is impacted as a result of an accidental spill or release will be containerized for subsequent disposal. The typical clean-up procedure for the spilled oil is as follows:

- Remove sources of ignition (ignition sources are not to be within 50' of any storage tanks).
- Contain the spill using whatever equipment and material are available. Petroleum captured within secondary containment should be recycled to the extent possible. In water, booms should be used to limit the spread of oil along the surface. On land, absorbent materials such as Oil-Dri, straw, sawdust, or soil should be used to soak up any free or flowing oil and limit its spread. The most important thing is to act quickly to limit the extent of the spill.
- Remove the petroleum soaked materials using the most effective means, whether it is by hand using shovels or heavy earth-moving equipment. Caution must be exercised in using construction equipment in and around streams to minimize the disturbance to the watercourse. It may be necessary to provide clean fill to reconstruct the affected areas after removal of the petroleum-contaminated soils.
- The petroleum-contaminated material removed in the clean-up operation must be disposed of properly. With the approval of DEP, the contaminated material should be hauled to a waste disposal facility that is authorized by permit to accept this type of waste. Confirmatory sampling and laboratory analysis should be conducted in accordance with DEP guidelines.

Inadvertent Returns from Horizontal Directional Drilling: Separate inadvertent return plans have been created and are included with all permitting documents provided to the contractor. The immediate response actions in dealing with an inadvertent return of drilling fluids (primarily bentonite and water) from a horizontal direction drill include discontinuing drilling operations, identifying the area of the inadvertent return, and isolating the inadvertent return. In the event of an inadvertent return, emergency measures will be implemented by SPLP to isolate the returns and prevent or minimize the extent of the release that will enter surface water. Berms, sand bag dams, and/or other appropriate containment methods may be constructed or installed to contain the spill. Stormwater collection structures will be either blocked or pumped, if appropriate, to prevent the release to surface water. Once the area in and surrounding the inadvertent return has been cleaned, the impacted stream can return to normal flow, if applicable. Corrective action will be taken to prevent additional inadvertent returns before drilling will restart.

4.2 Countermeasures to be Undertaken by Contractors

When identified as appropriate by the Emergency Response Coordinator or other authorized agent, the following contractors can be contacted to support required efforts.

Company:	HEPACO Environmental Services, Inc
Address:	6901 Kingsessing Avenue, Philadelphia, PA 19142
Telephone Number:	(800) 326-2439 (215) 729-2777
Response Time:	Varies depending on locations
Equipment and Services:	NGL Response

4.3 Internal and External Communications and Alarm System

Site personnel will have access to mobile communications equipment (e.g. cellular telephones) that will enable communications with management or outside emergency services such as fire departments or police. If cellular telephone service is not available, other measures shall be taken such as providing a site construction telephone at an accessible location. Section 5.0 provides more information regarding which agencies should be contacted.

4.4 Evacuation Plan for Installation Personnel

Personnel that encounter an incident or event while working on this project site will call the Emergency Response Coordinator or Manager immediately to report the incident. Additionally, emergency services will be notified if necessary. All other on-site employees and contractors will be notified and any persons that are located in the vicinity of the incident will be removed from the area. Finally, SPLP will take steps to account for the total number of persons involved at the worksite. All persons will remain grouped together at a safe distance from the site until emergency services or the Emergency Response Coordinator arrives.

The following key points will be adhered to:

- All work not associated with emergency containment will be STOPPED;
- The immediate area will be cleared of all non-emergency response personnel. All others will remain at the gathering point;
- The Emergency Response Coordinator's instructions WILL be followed;
- All personnel will be required to remain with the group until instructed otherwise by the Emergency Response Coordinator or other SPLP representatives;
- Ingress and egress will be facilitated for all emergency vehicles by SPLP personnel; and
- Work WILL NOT resume at the site until proper notification has been provided by SPLP personnel.

4.5 Emergency Equipment Available for Response

SPLP's contractors will be required to stockpile fire extinguishers, containment booms, absorbent pads, and portable spill containment kits and containers at all project work locations.

Equipment will be tested and maintained, as necessary, to assure its proper operation in time of emergency. After an emergency, equipment will be decontaminated, cleaned, and re-fit for its intended use before normal operations resume.

5.0 EMERGENCY SPILL CONTROL NETWORK

5.1 Arrangements with Local Emergency Response Agencies and Hospitals

A list of hospitals, police departments and fire departments identified in the area adjacent to the project is found in Appendix D. Appendix D contains the list of the emergency response agencies, their address and their phone number. In the case where any of these agencies cannot be contacted directly, 9-1-1 should be contacted. Directions to the hospitals in the area from different area points through the pipeline are found in Appendix E.

5.2 Notification List

The list of Federal, State and local agencies that should be notified in the case of a spill can be found in Appendix F. The Emergency Response Coordinator would determine the agencies that need to be notified in the event accordingly.

5.3 Downstream Notification Requirement for Storage Tanks

Not required for this project because not a storage tank facility with aggregate aboveground storage of more than 21,000 gallons of regulated substances.

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Figures

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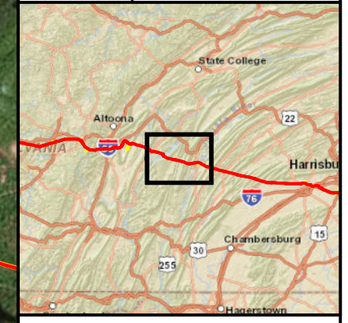
Legend

- Alignment Centerline
- Access Road
- Limit of Disturbance
- County Boundary

Overview Map



N

0 4,000 8,000 Feet

0 1,219.2 2,438.4 Meters

AERIAL MAP
FIGURE 1
PENNSYLVANIA PIPELINE PROJECT
SUNOCO LOGISTICS, L.P.
HUNTINGDON COUNTY,
PENNSYLVANIA

TETRA TECH

Notes:
1) Aerial photograph provided by ESRI's ArcGIS Online World Imagery map service (© 2011 ESRI and its data suppliers).
2) Coordinate system is NAD 83 State Plane Pennsylvania South.

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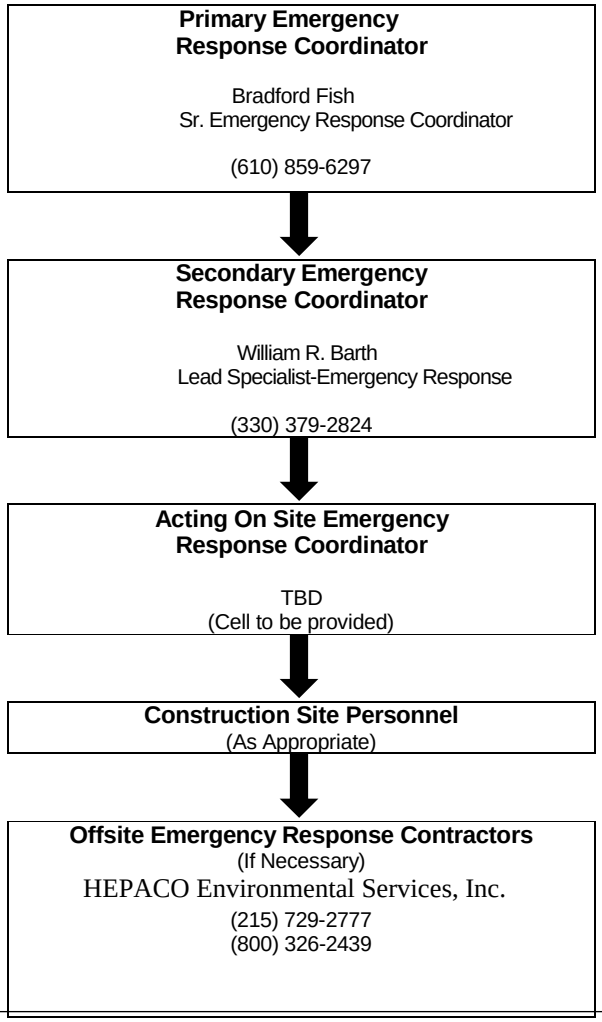
FIGURE 2

SUNOCO Pipeline L.P.

CHAIN OF COMMAND FOR EMERGENCY RESPONSE



Agency Notifications, If Required	
Local Authorities	911
DEP	(800) 541-0250
DEP Southcentral Region	(717) 705-4700
National Response Center	(800) 424-8802
OSHA	(800)321-6742
Pennsylvania EMA	(724) 548-3225 (8:00-5:00)
	911 (After Hours)
Pennsylvania Emergency Medical Services	(717) 787-8740

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Appendix A

USGS Project Location Maps

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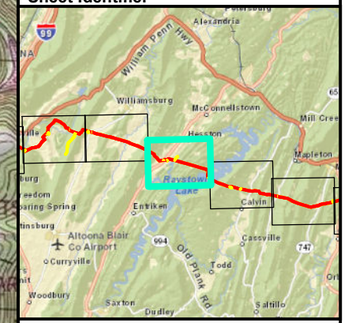
Legend

- Alignment Centerline
- Access Road
- Limit of Disturbance
- Block Valve Station
- Pump Station

Sheet Identifier



N

Feet
0 1,000 2,000

Meters
0 300 600

PROJECT LOCATION MAP
ATTACHMENT 1-5
PENNSYLVANIA PIPELINE PROJECT
SUNOCO LOGISTICS, L.P.
HUNTINGDON COUNTY, PA

TETRA TECH

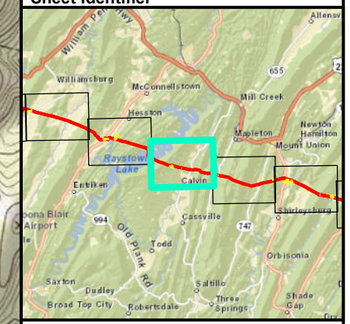
Notes:
1) Topographic map provided by ESRI's ArcGIS Online USA Topo Maps map service (© 2013 National Geographic Society, i-cubed).
2) Quadrangles being displayed are Cassville, Entriken, Huntingdon, Williamsburg

PGH P:\GIS\SUNOCO\MARINER EAST 2\MXD\PPP ESCGP\PENNPIPELINE_SOUTHCENTRAL_USGS_ESCGP-2.MXD 02/26/16 JN

Legend

- Alignment Centerline
- Access Road
- Limit of Disturbance
- Block Valve Station
- Pump Station

Sheet Identifier



Feet
0 1,000 2,000

Meters
0 300 600

PROJECT LOCATION MAP
ATTACHMENT 1-6
PENNSYLVANIA PIPELINE PROJECT
SUNOCO LOGISTICS, L.P.
HUNTINGDON COUNTY, PA

TETRA TECH

Notes:
1) Topographic map provided by ESRI's ArcGIS Online USA Topo Maps map service (© 2013 National Geographic Society, i-cubed).
2) Quadrangles being displayed are Cassville, Huntingdon

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Appendix B

Emergency Coordinator's Duties and Responsibilities

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EXAMPLES OF AN EMERGENCY COORDINATOR'S DUTIES AND RESPONSIBILITIES

Whenever there is an imminent or actual emergency situation, the emergency coordinator must immediately:

1. Activate facility alarms or communications systems, where applicable, to notify facility personnel; and

2. Notify local emergency response agencies including the Department.

Whenever there is an emission or discharge, fire, or explosion, the emergency coordinator must immediately identify the character, exact source, amount, and areal extent of emitted or discharged materials. He may do this by observation or review of records and, if necessary, by chemical analysis.

Concurrently, the emergency coordinator must assess possible hazards to human health or the environment that may result from the emission or discharge, fire, or explosion. This assessment must consider both direct and indirect effects of the emission, discharge, fire, or explosion.

If the emergency coordinator determines that the installation has had an emission, discharge, fire, or explosion which would threaten human health or the environment, he must immediately notify the applicable local authorities including the county emergency management agency and indicate if evacuation of local areas may be advisable; and immediately notify the Department in accordance with Appendix IV; the National Response Center; and the Pennsylvania Emergency Management Agency; and report the following:

a. Name of the person reporting the incident

b. Name and location of the installation

c. Phone number where the person reporting the spill can be reached

d. Date, time, and location of the incident

e. A brief description of the incident, nature of the materials or wastes involved, extent of any injuries, and possible hazards to human health or the environment

f. The estimated quantity of the materials or wastes spilled, and

g. The extent of contamination of land, water, or air, if known.

When there is a release from an aboveground storage tank which threatens the water supply of downstream users, these downstream users (on the Downstream Notification List) must be notified within 2 hours of the release. Priority for notification is by closest proximity to the release site.

During an emergency, the emergency coordinator must take all reasonable measures necessary to ensure that fire, explosion, emission, or discharge do not occur, reoccur, or spread to other materials or wastes at the installation. These measures shall include where applicable, stopping manufacturing processes and operations, collecting and containing released materials or wastes, and removing or isolating containers.

If the installation stops operations in response to a fire, explosion, emission, or discharge, the emergency coordinator must ensure that adequate monitoring is conducted for leaks, pressure

buildup, gas generation, or ruptures in valves, pipes, or other equipment, wherever this is appropriate.

Immediately after an emergency, the emergency coordinator, with Departmental approval, must provide for treating, storing, or disposing of residues, contaminated soil, etc., from an emission, discharge, fire, or explosion at the installation.

The emergency coordinator must insure that in the affected areas of the installation, no material or waste incompatible with the emitted or discharged residues is processed, stored, treated, or disposed of until cleanup procedures are completed; and, all emergency equipment listed in the plan is cleaned and fit for its intended use before operations are resumed.

Within 15 days after the incident, the installation must submit a written report on the incident to the Department. The report must include the following:

a. Name, address, and telephone number of the individual filing the report

b. Name, address, and telephone number of the installation

c. Date, time, and location of the incident

d. A brief description of the circumstances causing the incident

e. Description and estimated quantity by weight or volume of materials or wastes involved

f. An assessment of any contamination of land, water, or air that has occurred due to the incident

g. Estimated quantity and disposition of recovered materials or wastes that resulted from the incident, and

h. A description of what actions the installation intends to take to prevent a similar occurrence in the future.

Appendix C

Inspection Sheet

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PPC INSPECTION FORM

Project:
Date:
Inspector:

Component	Deficiency Observed			Corrective Measure
Erosion and Sedimentation Control Measures in place	Y	N	NA	
Dust Control Measures	Y	N	NA	
Traffic control measures in place	Y	N	NA	
Temporary impermeable containment present for storage of hazardous materials	Y	N	NA	
Designated loading and unloading areas of hazardous chemicals	Y	N	NA	
Storage of Hazardous Materials > 50' feet from water bodies	Y	N	NA	
Maintenance of proper spacing for pathways and drives between containers/tanks/drums	Y	N	NA	
Neat and orderly storage of hazardous materials	Y	N	NA	
Placard identification of Hazardous Materials present	Y	N	NA	
Material Safety Data Sheets present	Y	N	NA	
Noticeable leaks of drums	Y	N	NA	
Noticeable soil staining	Y	N	NA	
Noticeable sheen on rainwater in secondary containment	Y	N	NA	
Noticeable sheen on drainage from secondary containment to water body	Y	N	NA	
Noticeable sheen on water body downgradient of storage area	Y	N	NA	

Container Integrity (provide additional information on all primary containers)

Other Comments:

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Appendix D

Local Emergency Response Agencies and Hospitals

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Appendix D 1

Police Departments

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Appendix D.1
Police Departments
Pennsylvania Pipeline Project- Southcentral DEP Region

Police Department	Address	Phone Number
Huntingdon County		
State Police Department-(Penn and UnionTownship)	10637 Raystown Rd Huntingdon, PA	814 627-3161

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Appendix D 2

Fire Departments

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Appendix D.2
Fire Departments
Pennsylvania Pipeline Project- U.S. Army Corps Raystown Lake

Fire Department	Address	Phone Number
Huntingdon County		
Penn- Huntingdon Fire Dept	530 Washington St, Huntingdon, PA 16652	(814) 643-1290
Union- Mapleton Fire Dept	384 Main St, Mapleton, PA 17052	(814) 448-3095

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Appendix D 3

Hospitals

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Appendix D.3
Hospitals
Pennsylvania Pipeline Project- U.S. Army Corps Raystown Lake

Hospital	Address	Phone Number
Huntingdon County		
J.C Blair Memorial Hospital	1225 Warm Springs Ave, Huntingdon, PA 16652	(814) 643-2290

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Appendix E

Hospital Route Maps

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Route for Juniata Valley Road Access Road
Starting Point
LAT: 40° 26' 10.299" N
LON: 78° 18' 0.233" W

Route for Backbone Road Access Road
Starting Point
LAT: 40° 24' 3.983" N
LON: 78° 7' 38.334" W

Route for Locke Mountain Road Access Roads
Starting Point
LAT: 40° 25' 47.249" N
LON: 78° 20' 3.033" W

Route for Raystown Road and Weller Road Access Roads
Starting Point
LAT: 40° 23' 45.598" N
LON: 78° 8' 41.010" W

Route for Seven Points Road Access Road
Starting Point
LAT: 40° 22' 29.121" N
LON: 78° 4' 38.423" W

Route for Happy Hills Road and John Burn Road Access Roads
Starting Point
LAT: 40° 21' 41.404" N
LON: 78° 2' 31.878" W

Legend

- Fire Department
- Hospital
- Police Department
- Access Road
- Alignment Centerline
- Study Area

Hospital Route

- J.C. Blair Memorial Hospital
- UPMC Altoona

Sheet Identifier

Miles
0 1 2
Kilometers
0 1.61 3.22

HOSPITAL ROUTE MAP
APPENDIX E - 1
PENNSYLVANIA PIPELINE PROJECT
SUNOCO LOGISTICS, L.P.
BLAIR AND HUNTINGDON

COUNTIES, PENNSYLVANIA

TETRA TECH

Notes:
1) Aerial photograph provided by ESRI's ArcGIS Online World Imagery map service (© 2011 ESRI and its data suppliers).
2) Coordinate system is NAD 83 State Plane Pennsylvania South.

P:\GIS\SUNOCO\MARINER EAST 2\MXD\PPP PPC PLAN\PENNPIPELINE_PPC_SC_HOSPITALRTE_1.MXD 07/29/15 JEE

Hospital Route from Backbone Road Access Road
Pennsylvania Pipeline Project
Huntingdon County

Backbone Road Access Road to J.C. Blair Memorial Hospital (10.8 miles)
Head north on T452 (1.7 mi)
Turn left onto Seven Points Rd (0.8 mi)
Turn right onto PA-26 N (4.3 mi)
Turn right onto Fairgrounds Rd (2.9 mi)
Continue onto PA-26 N (0.3 mi)
Turn left onto 6th St (0.3 mi)
Turn left onto Warm Springs Ave (0.5 mi)
J.C. Blair Memorial Hospital will be on the right

Hospital Route from Raystown Road and Weller Road Access Roads
Pennsylvania Pipeline Project
Huntingdon County

Raystown Road and Weller Road Access Roads to J.C. Blair Memorial Hospital (11.1 miles)
Head west on Weller Rd toward PA-26 S (0.2 mi)
Turn right onto PA-26 N (6.9 mi)
Turn right onto Fairgrounds Road (2.9 mi)
Continue onto PA-26 N (0.3 mi)
Turn left onto 6th St (0.3 mi)
Turn left onto Warm Springs Ave (0.5 mi)
J.C. Blair Memorial Hospital will be on the right

Hospital Route from Seven Points Road Access Road
Pennsylvania Pipeline Project
Huntingdon County

Seven Points Road Access Roads to J.C. Blair Memorial Hospital (12.6 miles)

Head southeast on Seven Points Loop (0.1 mi)
Turn left at the 1st cross street (1.1 mi)
Continue onto Seven Points Rd (0.2 mi)
Turn right to stay on Seven Points Rd (1.2 mi)
Turn left to stay on Seven Points Rd (1.5 mi)
Turn right onto Piney Ridge Rd/Sr3033 (6.0 mi)
Slight left to stay on Piney Ridge Rd/Sr3033 (1.3 mi)
Turn right onto Fairgrounds Rd (0.2 mi)
Continue onto PA-26 N (0.7 mi)
Turn left onto 6th St (0.3 mi)
Turn left onto Warm Springs Ave (0.5 mi)
J.C. Blair Memorial Hospital will be on the right

Hospital Route from Happy Hills Road and John Burn Road Access Roads
Pennsylvania Pipeline Project
Huntingdon County

Happy Hills Road and John Burn Road Access Roads to J.C. Blair Memorial Hospital (15.1 miles)
Head northeast on John Burn Rd/T431 toward Mule Ln (0.9 mi)
Turn left onto Happy Hills Rd (285 ft)
Turn right onto Morgans Rd (0.8 mi)
Turn left onto PA-829 N (7.9 mi)
Turn left onto US-22 W (3.8 mi)
Keep right to continue on Penn St (1.1 mi)
Turn right onto 6th St (0.3 mi)
Turn left onto Warm Springs Ave ((0.5 mi)
J.C. Blair Memorial Hospital will be on the right

Appendix F

Federal, State and Local Agencies

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Appendix F
Federal/State/County Agencies
Pennsylvania Pipeline Project - U.S. Army Corps Raystown Lake

Federal Agencies	
Agency	**Phone**
EPA - Region 3	215-814-5000
	800-438-2474
OSHA	800-321-6742
US EPA National Response Center	800-424-8802
Poison Control Center	800-222-1222
US Coast Gard National Response Center	800-424-8802

State Agencies	
Agency	**Phone**
PA DEP Southcentral Region Emergency Number	1-866-825-0208
PA Emergency Medical Services	717-787-8740
PA Emergency Management Agency	717-651-2001
PA Fish and Boat Commission	814-445-8974

County Agencies	
Agency	**Phone**
Huntingdon County Health Department	814-627-1251
Huntingdon County Emergency Management Agency	814-643-6613

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