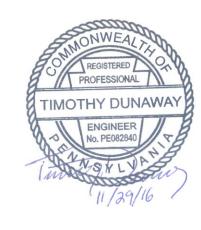
## POST CONSTRUCTION MANAGEMENT PLAN

## PENNSYLVANIA PIPELINE PROJECT HOUSTON INJECTION STATION CHARTIERS TOWNSHIP, WASHINGTON COUNTY, PENNSYLVANIA NOVEMBER 2016

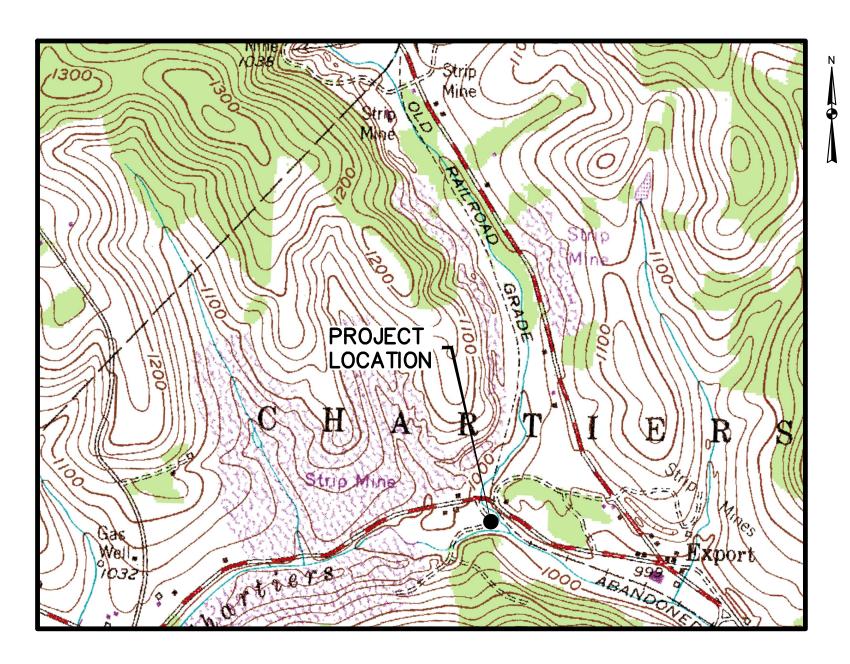
DRAWING INDEX		
SHEET No.	DRAWING TITLE	
C-1	GENERAL NOTES & LEGEND	
C-2	EXISTING CONDITIONS PLAN	
C-3	PROPOSED STORMWATER MANAGEMENT PLAN	
C-4	CONSTRUCTION DETAILS	





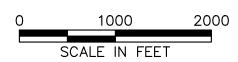
661 ANDERSEN DRIVE - FOSTER PLAZA 7, PITTSBURGH, PA 15220 TEL: (412) 921-7090 | FAX: (412) 921-4040

PREPARED FOR:
SUNOCO PIPELINE L.P.
SINKING SPRING, PENNSYLVANIA 19608



LOCATION MAP

HOUSTON INJECTION STATION
CHARTIERS TOWNSHIP, WASHINGTON COUNTY, PENNSYLVANIA





- 1. TOPOGRAPHIC MAPPING AND FEATURES COMPILED FROM WWW.PASDA.PSU.EDU.
- 2. 100-YEAR FEMA FLOODPLAINS FROM WWW.PASDA.PSU.EDU.
- 3. BOUNDARY AND ADJACENT PROPERTY LINES FROM TRICO SURVEYING & MAPPING, INC.
- 4. THE PROJECT TAKES PLACE WITHIN CHARTIERS TOWNSHIP, WASHINGTON COUNTY, PENNSYLVANIA.
- 5. USE COMPOST FILTER SOCK AS REQUIRED TO PREVENT RUNOFF FROM SPOIL AREA.
- 6. THE RIGHTS-OF-WAYS AND EASEMENTS SHOWN ON THIS PLAN ARE THE RESPONSIBILITY OF SUNOCO PIPELINE L.P. TO SECURE WITH THE INDIVIDUAL PROPERTY OWNER. THE RIGHTS-OF-WAY AND EASEMENTS SHOWN ON THIS PERMIT DRAWING REPRESENT THE BEST AVAILABLE PROPERTY INFORMATION AS PROVIDED TO TETRA TECH, INC. BY SUNOCO PIPELINE L.P. THE RIGHTS-OF-WAY AND EASEMENTS SHALL BE VERIFIED AND LOCATED IN THE FIELD BY SUNOCO PIPELINE L.P.
- 7. PAST AND PRESENT LAND USE CONSISTS OF MEADOW, WOODED AND RESIDENTIAL AREAS. POST CONSTRUCTION LAND USE WILL BE A MAINTAINED GRAVEL PAD, ACCESS ROAD, AND VEGETATED RIGHT-OF-WAY.
- 8. COMPOST FILTER SOCK INSTALLATION TO BE ADJUSTED AS NEEDED TO ACCOMMODATE ACTUAL CONTOURS IDENTIFIED IN FIELD DURING VARIOUS PHASE OF THE PROJECT.
- 9. THE PROPOSED FACILITIES ARE LOCATED WITHIN A FEMA ZONE A FLOODPLAIN. A FLOODPLAIN ANALYSIS OF THE PROJECT SHOWED THAT THE PROJECT RESULTS IN NO SIGNIFICANT INCREASE IN THE BASE FLOOD ELEVATION (<0.04 FT). THE PROPOSED PDC AND PROPANE TANK ARE LOCATED OUTSIDE OF THE PROPOSED MODELED 100—YEAR FLOODPLAIN.
- 10. THE RESPONSIBILITY FOR LONG TERM OPERATION AND MAINTENANCE OF THE BEST MANAGEMENT PRACTICES DETAILED ON THESE PLANS IS A COVENANT THAT RUNS WITH THE LAND IS BINDING AND ENFORCEABLE BY SUBSEQUENT GRANTEES. AN INSTRUMENT SHALL BE RECORDED AT THE WASHINGTON COUNTY RECORDER OF DEEDS TO PROVIDE FOR NECESSARY ACCESS FOR LONG TERM OPERATION AND MAINTENANCE OF THE BEST MANAGEMENT PRACTICES.
- 11. PRIOR TO THE APPLICATION FOR NOTICE OF TERMINATION; THE PCSM BMP INSTRUMENT WILL BE RECORDED WITH THE WASHINGTON COUNTY RECORDER OF DEEDS.
- 12. A LICENSED PROFESSIONAL SHALL OVERSEE ALL INSTALLATION AND TESTING PROCEDURES FOR THE GEOWEB BMP.

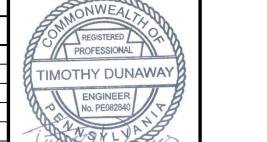
## PROJECT DESCRIPTION:

THE PROJECT INVOLVES CONSTRUCTION OF THE INJECTION STATION, WHICH WILL BE CONNECTED TO A PROPOSED SUNOCO PENNSYLVANIA PIPELINE PROJECT. CONSTRUCTION ACTIVITIES WILL INVOLVE INSTALLATION OF A ROCK CONSTRUCTION ENTRANCE, CLEARING AND GRUBBING, FACILITY INSTALLATION, AND SITE RESTORATION. FACILITY WILL BE CONSTRUCTED WITHIN AN LOD OF APPROXIMATELY 2.7 ACRES IN WASHINGTON COUNTY.

<u>LEGEND</u>	-	
——1320 ——	EXISTING 10' CONTOUR	
	EXISTING 2' CONTOUR	
	EXISTING STORM PIPE	
~~~~~~	EXISTING TREE LINE	
x x x	EXISTING FENCELINE	
	EXISTING STREAM	
OVH	EXISTING ELECTRIC OVERHEAD	
——— UE ———	EXISTING ELECTRIC UNDERGROUND	
✡	EXISTING LIGHT POLE	
——— W ———	EXISTING WATER LINE	
——— GAS ———	EXISTING GAS LINE	
SAN	EXISTING SANITARY SEWER LINE	
	PROPERTY LINE	
	PARCEL SETBACK	
<u> </u>	PROPOSED FENCE LINE	
	PROPOSED GEOWEB INFILTRATION/STORAGE AREA	
	PROPOSED 10' CONTOUR	
	PROPOSED 2' CONTOUR	
Ø	UTILITY POLE	
	EXISTING WETLAND	
	100-YEAR FEMA FLOODPLAIN	
	REVISED 100-YR FLOODPLAIN (BASED ON HYDRAULIC MODELING)	
	100-YEAR FLOODWAY	
—— S——	EXISTING SEPTIC FIELD	DETAIL INDICATOR
	LIMIT OF DISTURBANCE/PERMIT BOUNDARY	FIRST SHEET SHOWN ON CALLED OUT ON



			REVISIONS	
NO.	BY	DATE	REMARKS	
1	TD	11/30/16	REVISED FOR DEP TECHNICAL COMMENTS	1
				1 8
				1



SUNOCO PIPELINE L.P. SINKING SPRING, PENNSYLVANIA

HOUSTON INJECTION STATION

ESCGP-2 POST CONSTRUCTION STORMWATER PLAN

DATE: 11/2/16
PROJECT NO.: PB-00136
DESIGNED BY: TD
DRAWN BY: BH
CHECKED BY: US
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GENERAL NOTES & LEGEND

