

INITIAL REPORT
Subject to Change as Additional Information Becomes Available

SPLP PENNSYLVANIA PIPELINE PROJECT

	HORIZONTAL DIRECTIONAL DRILLING - INADVERTENT RETURN REPORT FORM											
REPORT DATE:	8/11/2020			HDD AL	IGNMENT #	PA-CH-0100.0000-RD						
PROJECT SITE:	PPP 6 - S3-0290 - Mi	ilford Rd./Little Conestog	ga Rd	HDD COMPANY:		Michels Directional Crossings						
DATE AND TIME	WHEN IR WAS DIS	COVERED		D	ATE:	Monday, August 10, 2020	TIME:	1530				
LOCATION: STREET	427-423 Green Valley	y Rd, Downingtown, PA	19335	MUNIC	CIPALITY:	Upper Uwchlan	COUNTY:	Chester				
LATITUDE:	40.0794	LONGITUDE:	-75.7104	FROM STATION:		14824+00	TO STATION	14824+00				
STREAM NAME:	S-H10 (UNT to Mars	sh Creek), S-H11 (UNT t	to Marsh Creek)			nd H3 (Marsh Creek Reservoir) WETLAND NAME		WL-H17 (PEM, PFO)				
DEP PERMIT Nos. (102 AND 105)	E&S Permit # ESG01	100015001, Water Obstr	uction Permit E15-862					1				
CORPS PERMIT NO.	CENAP-OP-R-2014-	NAP-OP-R-2014-0306 (PASPGP-5)										
IR TRACKING ID:		0000-RD_IRInitial-01_0										
IS AUGUST 8, 2017 ORDER		LISTED IN WHICH		DECODINE	ON IN ENWINE	TIPD C. D I d						
APPLICABLE?	YES	EXHIBIT?	3	DESCRIPTION	ON IN EXHIBIT	HDDs for Reevaluation						
			I. BACKGROUND INFORMATION									
A. NAME OF ALL PERSON(S) PROVIDING INFORMATION FOR THIS REPORT AND CONTACT INFORMATION			Josh Prosceno (CEI), Chris Cable									
B. MATERIAL(s) RELEASED			A mixture of bentonite clay and water mixed with native cuttings									
	OF THE RELEASE ATION OF IR IF KN	(PROVIDE DATES, NOWN, INCLUDE	On 8/10/2020 at approximately 1530, drilling fluid emerged within wetland WL-H17, and entered streams S-H11 and S-H10. The drilling fluid continued to flow down S-H10 and entered pond H3 (Marsh Creek Reservoir). The drill was in the ream phase at the time of release, with a volume of 8,163 gallons of drilling fluid released. Drilling was immediately stopped upon discovery of the IR. Two turbidity curtains were installed at the confluence of S-H10 (UNT to Marsh Creek) and pond H3 (Marsh Creek Reservoir). Twelve sand bag and silt fence dams were constructed within S-H10 (UNT to Marsh Creek). Crew members began clean up and recovery of the drilling fluid starting near pond H3 (Marsh Creek Reservoir) working their way east to the location of the IR release point. Crew members used pumps and hand tools to recover the drilling fluid and transport it to onsite storage tanks. Stream water was pumped and used to spray remaining bentonite pockets within stream S-H10 (UNT to Marsh Creek).									
D. ESTIMATED QU	UANTITY OF MATI	ERIAL RELEASED	8,163 gallons									
E. ESTIMATED AF RELEASED	ERIAL EXTENT OF	MATERIAL	Approximately 25' x 25' at initial release point									
F. HAS IR BEEN CONTAINED WITHIN THE LIMIT OF DISTURBANCE? (PROVIDE DATE AND TIME)			NO		NOTE:							
FI. WHAT REVISION(S) TO DRILLING WERE IMPLEMENTED PRIOR TO RESUMPTION OF DRILLING? (PROVIDE DATE AND TIME)		TION OF		•								
G. T & E / BOG TURTLE AREA?			NO		NOTE:							
H. TROUT STREAM?			YES		NOTE:							
I. EV WATER			NO	NO NOTE:								
J. EV WETLAND			NO	NOTE:								
K. ANY DOWNSTREAM IMPACTS? (PROVIDE DESCRIPTION, DATES, TIMES, AND DURATION)			YES		NOTE:	Bentonite drilling fluid flowed down stre on 8/10/20.	ntonite drilling fluid flowed down stream S-H10 (UNT to Marsh Creek) and enter $8/10/20$.					
K1. Did a Fish Kill Occur? (PROVIDE DATES AND TIMES)			NO	NO NO								
K2. Has the Substrate Been Coated?			YES	YES NOTE:								
K3. Where any Water Supplies Impacted? (PROVIDE DATES AND TIMES)		NO	NO NOTE									
K4. If water supplies were impacted, were the owners of the water supplies notified? Has anything been provided to the owners of the impacted water supplies? (Provide dates and times)			N/A		NOTE:							
MAP:			Initial location of the inadvertent return Warrant return A and return Conductor for a second control of the									

			II. VERBAL NOTIF								
PADEP EMERGENCY NOTIFICATION:	YES WHO MADE THE CALL ON BEHALF OF SPLP?			Chris Embry							
PHONE NUMBER CALLED:			DATE:		Monday, August 10, 2020			TIME:	155	7	
PERSON CALLED:	Hanna										
NOTES:	Spoke with Hanna and gave her the information. Rex Miller called back at 1610, updated him and gave him coordinates										
V/M?	NO NOTE:										
LIST ANY NOTIFICATIONS OF INCIDENT MADE	TO WATER INTAKES, WATER WELL OWNERS AND LANDOWNERS, INCLUDING DATE AND TIME WHEN EACH NOTIFICATION OCCURR								·D·		
NAME: 2 Private Well Owners	DATE:	8/11/2020	TIME:	D LANDOWN	PUBLIC OR	Private	NOTE:	Letters sent		ъ.	
NAME: 1 Public Water Supply	DATE: 8/10/2020		TIME: 1625		PUBLIC OR Dublic NOTE			Informed of	Informed of release on 8/10, letter sent		
NAME:	DATE:	0,10,2020	TIME:	1020	PRIVATE: PUBLIC OR	T done	NOTE:	8/11			
NAME:	DATE:		TIME:		PRIVATE: PUBLIC OR		NOTE:				
NAME.	DATE.				PRIVATE:		NOTE.				
COUNTY CONSERVATION DISTRICT NOTIFICATION:			WHO MADE THE CA OF SPL	P?	Josh Prosceno						
PHONE NUMBER CALLED	610-925-4920 ext. 107 DATE: Monday, August 10, 2020 TIME:							164	3		
PERSON CALLED:	oe Sofranko										
NOTES:	Spoke with Mr. Sofranko and provided information.										
V/M?	NO		NOTE:								
USACE REGULATORY NOTIFICATION:	YES WHO MADE THE CALL ON BEHALF OF SPLP?				Chris Embry						
PHONE NUMBER CALLED	215-656-6	731		DATE:		Monday, Aug	gust 10, 2020	TIME:	160	4	
PERSON CALLED:	Dave Caplan										
NOTES:											
V/M2	YES	YES NOTE: Left voicemail about the release.									
FISH AND BOAT COMMISSION NOTIFICATION:	YES	VES WHO MADE THE CALL ON BEHALF Chris Embry									
PHONE NUMBER CALLED:		OF SPL DATE	,	Monday, Aug	gust 10, 2020	TIME:	160	1			
PERSON CALLED	Officer Robert Bonney										
NOTES	Spoke with him and gave him information about the release.										
V/M²	NO NOTE: Officer Bonney arrived onsite at approximately 1730.										
TOWNSHIP NOTIFICATION:	Y Y		WHO MADE THE CA	LL ON BEHALF							
PHONE NUMBER CALLED:	Upper Uwchlan OF SPLP?			Joe Massaro Monday, August 10, 2020 TIME: 1700							
	Shanna Lodge, Township Manager										
NOTES	Township Manager returned call shortly after message was left and was notified of the release.										
NOTES	Tomosing manager recursion can stortly after theosage was for any was notified of the recease.										
V/M?	YES NOTE: Left message about the release.										
OTHER NOTIFICATION:			WHO MADE THE CA OF SPL	P?	Chris Embry						
PHONE NUMBER CALLED	•		DATE	C:		Saturday, Au	igust 8, 2020	TIME:	Multi	ple	
PERSON CALLED:	Frank Defrancesco, De	esiree Dudley, .	John Hohenstein								
NOTES:											
V/M2	YES Called Frank Defrancesco at 1551 and left voicemail about the release. Called Desiree Dudley at 1552 and left voicemail her office phone since her cell phone is not working. Called John Hohenstein at 1554 and his voicemail box was full.										
			I. ACTIONS TAKEN IMMEDIATE ACTION								
A. WHEN DID THE RELEASE OCCUR?	8/10/2020										
B. DATE AND TIME OF CESSATION OF DRILLING.	DATE:		8/10/2020		TIME:	1530	NOTE:		s immediately stopp the discovery of the l 530.		
C. WAS DRILLING RESUMED?	NO IF SO, HAS THE RELEASE CONTINUED OR ANOTHER RELEA OCCURRED?			THER RELEASE			NOTE:				
CORRECTIVE MEASURES SUMMARY:											
A. WAS THE IR CEASED?	YES	YES HOW AND WHEN? IR ceased following the cessation of drilling activities on 8/10/20 at 1530.).			
B. WAS THE IR CONTAINED?	YES	YES HOW AND WHEN? Drilling fluid was contained using two turbidity curtains and twe					and twelve sand	I bag and silt fence	dams.		
C. WAS THE IR/DRILLING FLUID RECOVERED?	YES	YES HOW AND WHEN?			Hand tools and a pumps were used to recover drilling fluid beginning on 8/10/20.						
D. WAS DRILLING RESUMED?	NO		IF SO, WHAT MODI THE HDD PROCESS						IAS ANOTHER E OCCURRED?		



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SPLP PENNSYLVANIA PIPELINE PROJECT HORIZONTAL DIRECTIONAL DRILLING – INADVERTENT RETURN REPORT FORM

IV. PHOTO DOCUMENTATION





View of drilling fluid within WL-H17 at location of IR release point.

View of drilling fluid flowing downstream within stream S-H10 (UNT to Marsh Creek).

8/10/2020





View of drilling fluid within stream S-H10 (UNT to Marsh Creek).

View of contractor crew members installing two turbidity curtains at the confluence of stream S-H10 (UNT to Marsh Creek) and pond H3 (Marsh Creek Reservoir).

8/10/2020



View of sand bag and silt fence dam constructed within stream S-H10 (UNT to Marsh Creek).

8/10/2020

8/10/2020

PRINTED NAME, TITLE AND SIGNATURE OF PERSON(s) COMPLETING THIS REPORT

NAME: Chris Cable TITLE: Environmental Inspection Manager SIGNATURE: DATE: 8/11/2020



P.O. Box 10814 Lancaster, PA 17605

August 11, 2020

BY CERTIFIED AND FIRST CLASS MAIL

Re: Mariner East 2 - Pennsylvania Pipeline Project

Horizontal Directional Drilling Construction - Notification of Inadvertent Return

We are reaching out to you because we are conducting construction activity on our Mariner East 2 pipeline, also known as the Pennsylvania Pipeline Project, that is being constructed near your residence by Sunoco Pipeline, L.P., an affiliate of Energy Transfer. This communication is part of Sunoco Pipeline L.P.'s ongoing efforts to remain transparent and available to address any questions or concerns you may have about our project.

Our previous communication described one of our methods of construction, Horizontal Directional Drilling (HDD), in which we drill below the surface in order to reduce land disturbance and bypass cultural and/or environmentally sensitive areas. HDDs are sometimes accompanied by inadvertent returns or loss of drilling fluid. This means that the mixture of water and naturally occurring bentonite clay finds its way into underground crevices, away from our drill hole.

On August 10, 2020, we experienced an inadvertent return. We are notifying you because your property boundary is within 450 feet of the HDD location from which the inadvertent return occurred.

These incidents are not unexpected as the permit applications approved by the Department of Environmental Protection (DEP) include, among other requirements, compliance with an Inadvertent Return Contingency Plan, which we have followed by responding to and containing the inadvertent return to avoid any adverse impacts, and by reporting them to the DEP. We are working in coordination with the DEP to ensure that the environment is protected and will continue to do so.

It is possible that the drilling fluid from an inadvertent return can travel away from our site through the underground crevices. As a precautionary measure, our team member Kelly Gough is available if you have any concerns that drilling fluid may have reached your water supply/well. We can provide you with bottled drinking water as well as a temporary alternative water supply, such as a water buffalo, which we would install and maintain at our expense for the entire period of HDD operations. You can reach Kelly Gough at (717) 208-7735.

We apologize for any inconvenience you may be experiencing during our construction operations and we sincerely appreciate your patience. We are 99% complete on Mariner East 2 mainline construction, and 94% of our HDDs have either been completed, are in-progress, or have been released for construction.

Thank you,

Wal HY Call

Mark McConnell - Land Project Manager, Representing Sunoco Pipeline L.P. | Office: (814) 204-0450

Certified Mail WITHOUT Physical Return **Receipt Service**

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- envelope, just above the postage so that it covers marking.

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PS Form 3800 6/02

OUTBOUND TRACKING NUMBER 9407 1118 9956 3070 7126 20

Percheron Field Services

P.O. Box 10814

Lancaster PA 17605

Representing Sunoco Pipeline

FEES

Postage per piece Certified Fee

\$0.500 \$3.550

Total Postage & Fees:

\$4.050

ARTICLE ADDRESS TO:

SENDER: COMPLETE THIS SECTION COMPLETE THIS SECTION ON DELIVERY A. Signature: (□ Addressee or □ Agent)

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3. Service Type

B. Received By: (Printed Name) C. Date of Delivery

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PS Form 3811 Facsimile, July 2015 (SDC 3930)

2. Article Number (Transfer from service label)

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P.O. Box 10814 Lancaster, PA 17605

August 11, 2020

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Horizontal Directional Drilling Construction - Notification of Inadvertent Return

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Thank you,

Mal Mall

Mark McConnell - Land Project Manager, Representing Sunoco Pipeline L.P. | Office: (814) 204-0450

CERTIFIED MAIL

Percheron Field Services Representing Sunoco Pipeline P.O. Box 10814 Lancaster PA 17605

OUTBOUND TRACKING NUMBER

9407 1118 9956 3070 7431 36

ARTICLE ADDRESS TO:



PS Form 3800 6/02

\$0.500

\$3.550

\$4.050

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3. Service Type

C. Date of Delivery

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☐ Yes

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PS Form 3811 Facsimile, July 2015 (SDC 3930)

2. Article Number (Transfer from service label)

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Top of the page

U.S. Postal Service Certified Mail Receipt

ARTICLE NUMBER: 9414 8118 9956 3073 1777 53

ARTICLE ADDRESSED TO:

Curt Steffy Aqua America 762 W Lancaster Avenue Bryn Mawr PA 19010-3402

FEES
Postage Per Piece
Certified Fee
Total Postage & Fees:

\$5.50 3.55 9.05

Postmark Here

AUG 1 1 2020



August 11, 2020

BY CERTIFIED AND FIRST CLASS MAIL

Curt Steffy Aqua America 762 Lancaster Avenue Bryn Mawr, PA 19010

Re: Mariner East 2 – Pennsylvania Pipeline Project

Horizontal Directional Drilling Construction – Notification of Inadvertent Return

Dear Mr. Steffy:

Sunoco Pipeline L.P. ("SPLP") previously contacted you to inform you of the start of construction of Mariner East 2, also known as the Pennsylvania Pipeline Project, which is located in proximity to your identified public water source. Certain construction activity known as Horizontal Directional Drilling ("HDD") is located as close as 450 feet from your identified public water supply source.

Under the applicable permits and plans, SPLP is required to notify all identified public water suppliers with a source located within 450 feet of the HDD alignment that an inadvertent return of drilling mud has occurred as part of HDD operations. On 08/10/20, SPLP representatives notified you via telephone call that an IR occurred on 08/10/20. This letter serves as a written confirmation and follow-up to SPLP's prior telephone call.

If you believe your public water source has been impacted by the inadvertent return, please contact our office by calling Joshua Baird at 716-849-9419.

Thank you for your cooperation.

WINT

Joshua S. Baird

Environmental Project Manager – Tetra Tech

Representing Sunoco Pipeline L.P.

Office: (716) 849-9419