
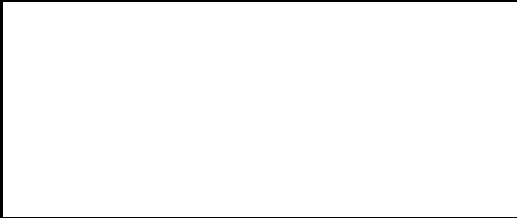


## Pennsylvania Pipeline Project Mariner East II

### PROBLEM AREA / INCIDENT REPORT

<b>DATE OF REPORT (mm-dd-yy):</b>		<b>ISSUED BY:</b>	
8/14/20		Josh Prosceno (CEI)	
<b>DATE OF REPORTED ISSUE (mm-dd-yy):</b>		<b>TIME OF REPORTED ISSUE:</b>	
8/11/20		4:30	<input checked="" type="checkbox"/> AM <input type="checkbox"/> PM
<b>LOCATION OF REPORTED ISSUE:</b>			
<b>Line/Spread:</b>	PPP 6	<b>STATION NO.: FROM</b>	14824+00 To 14824+00
<b>GENERAL LOCATION:</b>			
Chester County, Upper Uwchlan Township, near Green Valley Rd			
<b>WEATHER CONDITIONS:</b>			
Sunny, High 91, Low 65			
<b>CONSTRUCTION ACTIVITY AT THE TIME OF REPORTED ISSUE (select one):</b>			
<input type="checkbox"/>	<b>CLEARING</b>	<input type="checkbox"/>	<b>STRINGING</b>
<input type="checkbox"/>	<b>GRADING</b>	<input type="checkbox"/>	<b>BENDING</b>
<input type="checkbox"/>	<b>STAKING/FENCING</b>	<input type="checkbox"/>	<b>PIPE INSTALLATION</b>
<input type="checkbox"/>	<b>TRENCHING</b>	<input type="checkbox"/>	<b>TIE-IN</b>
<input type="checkbox"/>		<input checked="" type="checkbox"/>	<b>OTHER: Horizontal Directional Drill</b>
<b>LEVEL OF REPORTED ISSUE (select one):</b>			
<input type="checkbox"/>	<b>PROBLEM AREA</b>	<input type="checkbox"/>	<b>INCIDENT</b>
<input type="checkbox"/>		<input checked="" type="checkbox"/>	<b>SERIOUS INCIDENT</b>
<b>RESOURCES IMPACTED (if applicable):</b>			
WL-H17 (PEM)			
<b>DETAILED DESCRIPTION OF REPORTED ISSUE:</b>			
<p>A subsidence feature was discovered near the location of emergence of the reported August 10, 2020 inadvertent return (IR), along the drill path of horizontal directional drill (HDD) S3-0290, within wetland WL-H17 (PEM). No active drilling at the time of discovery. At the time of discovery, the approximate dimensions of the subsidence feature were 15' in diameter with a depth of 8'. The subsidence feature is located approximately 5' east of the existing active SPLP 8" underground pipeline.</p>			
<b>CORRECTIVE ACTION REQUIRED:</b>			
<p>On August 12, 2020, following the recovery of the 30-inch ream tool from the downstream HDD location, fluid within the subsidence feature was pumped out using a vacuum truck. It was discovered at this time that the subsidence feature was 15' in diameter with a depth of 3', not 8' as reported on August 10, 2020. Because of the proximity to the existing active SPLP 8" underground pipeline, it was decided by SPLP Operations and PUC personnel that any/all subsidence features be stabilized with flowable fill. On August 12, 2020, 26 cubic yards of flowable were placed within the subsidence feature using a pump truck. The area will continue to be monitored by Professional Geologists, Environmental Inspection and contractor.</p>			
<b>PHOTOS</b>			
			
<b>Station #:</b>	14824+00		
<b>Direction:</b>	Northwest		
View of subsidence feature discovered within wetland WL-H17 (PEM) on August 11, 2020.			

**PHOTOS CONTINUED**



**Station #:** 14824+00

**Direction:** Southwest

View of subsidence feature discovered within wetland WL-H17 (PEM) on August 11, 2020.

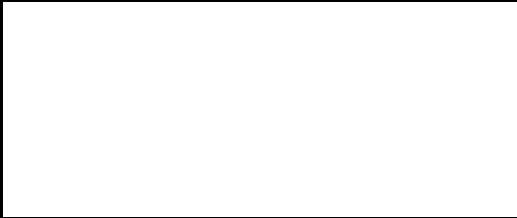
**CORRECTIVE ACTIONS PHOTOS**



**Station #:** 14824+00

**Direction:** Northwest

View of subsidence feature within wetland WL-H17 (PEM) following pumping of fluid. Dimensions were 15' in diameter and 3' deep.



**Station #:** 14824+00

**Direction:** Northwest

View of subsidence feature within wetland WL-H17 (PEM) following placement of 26 cubic yards of flowable fill. The subsidence feature is located approximately 5' east of the existing active SPLP 8" underground pipeline.