



NARRATIVE REPORT FORM

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Facility Name: Glenwood Drive & Walker Road

Primary Facility ID: 881609

Inspection Date: 9/30/2025		Inspection Time: 10:00 – 13:10		Lat/Long: 40.273153, -74.875933	
Program:		☐ Storage Tanks		☐ HSCA	
				☒ LRP	
Owner Name: N/A			Inspection ID: N/A		Site ID: 881609
Facility Location (911) Address: Glenwood Drive between Walker Road and Spencer Road, Washington Crossing, PA 18977				Municipality: Upper Makefield Township	
				County: Bucks	
Responsible Official Name: Bradford Fish Title: Senior Environmental Specialist, Emergency Response & Remediation				Responsible Official Address: 100 Green Street Marcus Hook, PA 19061	
Responsible Official Telephone: 610-859-6297 Email Address: bradford.fish@energytransfer.com					
Entities Present at Site: • Energy Transfer – Wassim Saad, Nancy Sadlon, Joe Massaro • US DOT PHMSA – Marta Riendeau, Joe Willoughby • Otis Minnesota Services. (Excavation Subcontractor) • Earth Data Northeast – Marty Kirsch (Upper Makefield Township Consultant)					
Inspection Purpose: Observation of pipeline repair at [REDACTED] Washington Crossing, PA 18977 (Photo #1).					
Weather: Sunny, cloudy 70s °F					
PADEP Staff Present: Dustin Lipik, P.G. (DL)					
Narrative: At 10:00, DL arrived at the pipeline excavation area in front of [REDACTED]. DL dons safety equipment. On drive to pipeline excavation area, DL notes that RETTEW was conducting borehole geophysical logging of the supply well at [REDACTED] and Groundwater & Environmental Services, Inc. (GES) staff were conducting routine total fluids removal activities at recovery wells RW-2 and RW-3. At 10:10, DL speaks with Nancy Sadlon (NS) of Energy Transfer (ET). NS tells DL that the resident at [REDACTED] would like to speak with a DEP representative about recent issues with water pressure in the well water supply system. DL notes that Wassim Saad of ET is also on site but does not speak with DL. At 10:15, DL stop at excavation area. Excavation staff are in the process of removing coating from the exposed section of pipe using a torch and hand tools (Photo #2). United States Department of Transportation (US DOT) Pipeline & Hazardous Materials Administration (PHMSA) inspectors Marta Riendeau (MR) and Joe Willoughby (JW) are present for oversight of the excavation work. At 10:25, DL speaks with a resident and owner of [REDACTED]. DL notes that DEP received an email dated August 15, 2025 from the resident nothing that their supply system has experienced pressure loss. The resident indicates that, after experiencing pressure loss in mid-August, they had a well supply company (not associated with ET) come to their home to diagnose and repair the system as soon as they would be out of town for a few weeks and wanted to make sure their water supply was fixed for the people caring for their pets and landscaping while they were away. The company diagnosed that the bladder tank had failed due to a build up of sediment in the base of the bladder tank. The well pump had also failed due to overheating/overcycling caused by backpressure from the sediment in the base of the bladder tank preventing water from entering the bladder tank. The company replaced both the bladder tank and the well pump. The company indicated that the water in the bladder tank had a slight sheen on the surface of the water within the tank. The resident indicated that they were unable to obtain photos of the failed tank/pump or samples of the water within the tank at this time and that the company had taken the failed pump and tank off site for disposal.					

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The resident indicated that the previous construction of the supply well had prevented GES staff from dropping equipment downhole and checking the top of the water column in the well for light non-aqueous phase liquid (LNAPL). After the new well pump was installed, the screen preventing downhole equipment from entering the borehole had been removed and GES had been able to check the top of the water column for the presence of LNAPL and that the test was negative (no LNAPL).

The resident indicated that the water pressure has been adequate since the replacement of system components but did not that they were getting an occasional sulfur odor in their water. The resident indicated that they had recently spoken with a nearby neighbor who had had a similar issue with total system pressure loss in their well system and that the issue the resident was experiencing at [REDACTED] were similar to the issue with their neighbor's system. DL informed the resident that DL was the DEP representative that investigated the issue at their neighbor's property and provided a summary of the findings of the investigation, noting that the dark particulate material that their neighbors had observed in their system could be associated with generation of total suspended solids (TSS) caused by the installation of monitoring wells in the neighborhood.

The same dark particulate had been observed in portions of the Lockatong Formation during borehole advancement at several locations. At the neighboring residence, DL had observed that the dark particulate had accumulated in the base of the bladder tank and caused the bladder tank to fail, resulting in pressure loss within the neighbor's well water supply system. When the neighbor replaced the bladder tank, the pressure in the system returned and allowed for water use throughout the home. DL also noted that the neighboring property had also noted sulfur odors in their water. DL explained that the source of the odors could be the result of sulfur-producing bacteria within the well or from the natural or mechanical breakdown (by drilling) of pyrite within the underlying bedrock formation. Pyrite had been observed in cutting from the MW-3S/MW-3D cluster located on the township Open Space Parcel just east of the [REDACTED] parcel. DL recommended working with the well water company to resolve the issue, and noted that both the sediment accumulation issue and sulfur odor issues should dissipate over time now that drilling activities have been paused for the time being.

The resident expressed frustration that ET/Sunoco Pipeline L.P. (SPLP) are not funding a feasibility study for the installation of a public water line in the neighborhood and concerns with how the release and ongoing investigation/cleanup will affect future property values. DL noted that it is ET/SPLP's current stance, as relayed to both DEP and Upper Makefield Township, is that the installation of maintenance of point-of-entry treatment (POET) systems throughout the neighborhood is their solution to exposure pathway mitigation as they work through investigation and remediation.

At 11:05, DL meets with Lisa Strobbridge (LS) of DEP and staff (Rose and Shannon) from State Senator Santarsiero's office who had been on site most of the morning. The group notes that excavation staff are beginning sandblasting of the exposed pipe.

At 11:20, Marty Kirsch (MK) of Earth Data Northeast, (EDN), Upper Makefield Township's environmental consultant, arrives at Site. MK speaks briefly with DL and LS about the ongoing excavation and diagnostic work.

At 11:50, sandblasting activities temporarily cease due to an overheated compressor. DL notes that about half of the exposed pipe had been sandblasted (Photo #3) and that the contractor was using Black Beauty abrasive sand (Photo #4), which is black in color, to conduct the sandblasting work. An ET/SPLP vac truck arrives (Photo #5) to be on standby for removal of water entering the excavation.

At 12:00, Gregg Schuster and Judy Caporiccio (JC) of Upper Makefield Township arrive on Site to observe activities and speak with MR and JW for an update on the status of the work.

At 12:10, excavation staff continue sandblasting of exposed pipe.

At 12:45, sandblasting is complete (Photo #6). Contractors begin preparations for additional diagnostic testing of the pipe (Photo #7).

At 12:55, Joe Massaro (JM) of ET arrives on Site. Contractors continue preparation for additional diagnostic testing.

AT 13:10, DL leaves Site.

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Pipeline Excavation Location, Washington Crossing, PA

**Photo #2**Staff removing coating from pipe section.
9/23/2025 @ 10:10**Photo #3**Pipe section midway through sandblasting.
9/30/2025 @ 11:39

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PHOTOGRAPHS



Photo #4

Black Beauty abrasive sand used for sandblasting of pipe.
9/30/2025 @ 12:00



Photo #5

Vac truck on standby for groundwater removal, if needed.
9/30/2025 @ 12:00



Photo #6

Pipe section following completion of sandblasting.
9/30/2025 @ 12:46



Photo #7

Staff preparing for additional diagnostic testing of pipe section.
9/30/2025 @ 12:56

DEP Representative Name
Dustin Lipik, P.G.

DEP Representative Signature
Dustin A. Lipik, P.G. Digitally signed by Dustin A. Lipik, P.G.
Date: 2025.10.02 13:06:23 -0400

Title
Licensed Professional Geologist

Date: 9/30/2025
Telephone: 484-250-5795