



NARRATIVE REPORT FORM

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Facility Name: Glenwood Drive & Walker Road

Primary Facility ID: 881609

Inspection Date: May 21, 2025		Inspection Time: 09:25 – 14:10		Lat/Long: 40.27076, -74.87578	
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/Sunoco Pipeline, L.P. • Groundwater & Environmental Services, Inc. • Parratt-Wolff, Inc. • CTEH • Lewis Environmental • Anson Construction • Earth Data Northeast					
Inspection Purpose: Oversight of recovery well RW-2 installation, located in the public right of way on Glenwood Drive between Walker Road and Spencer Road, Washington Crossing, PA 18977 (the Site, Photo #1).					
Weather: Rain, heavy at times, low-50s °F					
PADEP Staff Present: Dustin Lipik, P.G. (DL) and Riley Paul-Cook (RPC)					
Narrative:					
Drilling at RW-2 began on Tuesday, May 20, 2025, when outer steel casing was advanced in the recovery well borehole to a depth of 10 feet (ft) below ground surface (bgs) and grouted into place. Please see PADEP's field narrative dated May 20, 2025, for additional details of the first day of drilling activities. Dustin Lipik (DL) and Riley Paul-Cook (RPC) of PADEP left the Southeast Regional Office (SERO) at 09:00. PADEP arrived at the Site at 09:40. Multiple entities were already present on Site upon DEP's arrival, including several staff from Energy Transfer LP (ET) and Sunoco Pipeline L.P. (SPLP), an air/noise monitoring team from CTEH, a drilling team from Parratt-Wolff, Inc. (Parratt-Wolff), a vacuum tanker truck and operator from Lewis Environmental (Lewis), a traffic control team from Anson Construction (Anson), a field geologist and gauging team from Groundwater & Environmental Services, Inc. (GES), and George Seidman (GS) of Earth Data Northeast, Inc. (EDN). EDN was performing drilling oversight on behalf of Upper Makefield Township. Upon arrival, ET/SPLP briefed PADEP on the planned activities for the day, which included the advancement of the open borehole portion of RW-2 to a proposed terminal depth of 70 feet (ft) below ground surface (bgs). Parratt-Wolff was observed setting up air-rotary drilling equipment at RW-2, Anson was finishing setting up traffic control measures, CTEH was taking baseline air/noise monitoring readings and setting up perimeter air sampling canisters (Photo #2), and GES staff were collecting pre-drilling water level readings and conducting visual inspections of nearby potable water wells. Lewis was on standby until needed for aqueous investigation derived waste (IDW) removal during drilling activities. At 10:10, Parratt-Wolff began air-jetting the borehole to clear out any materials that may have settled in the borehole overnight, and borehole advancement began at 10:11.					



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At 10:29, the borehole reached a depth of 24 ft bgs. Parratt-Wolff briefly stopped drilling activities to inspect the cuttings in the secondary containment pad. Minimal water was observed in the secondary containment and photoionization detector (PID) readings collected from the surface of solid drilling cuttings were 0.0 parts per million (ppm). No evidence of separate-phase liquid (SPL) or odors were observed. Borehole advancement continued at 10:32.

At 10:42, the borehole reached a depth of 30 ft bgs. Parratt-Wolff briefly stopped drilling activities to inspect the cutting in the secondary containment pad. Minimal water was observed in the secondary containment and PID readings collected from the surface of solid drilling cuttings were 0.0 ppm. No evidence of SPL or odors were observed. Borehole advancement continued at 10:54.

At 11:00, Parratt-Wolff briefly stopped drilling to make adjustments to the secondary containment shroud (Photo #3). Borehole advancement continued at 11:04.

At 11:25, DL spoke with the resident at [REDACTED]. The resident inquired about the schedule of activities, wondering if the work would be completed prior to the weekend. DL informed the resident that SPLP intends to finish the installation of all three recovery well locations by Friday, May 23.

The resident also expressed concerns that recent SPLP work plan submittals for both the installation of Glenwood Drive recovery wells and for site characterization did not include plans to address the accumulation of SPL within their potable well outside of manual removal of SPL via bailing or absorbent socks. DL noted that PADEP had previously expressed similar concerns to SPLP but noted that one of the goals of the ongoing recovery well installation activities is to provide locations suitable for the removal of SPL from the aquifer, which in turn may reduce or eliminate the amount of SPL entering their potable well. DL also noted that the investigation is an iterative process and the results of the ongoing recovery well installation activities will inform subsequent activities.

The resident asked DL to inform ET/SPLP staff and their subcontractors not to use their lawn as a walkway, indicating that the only staff that should be on their property are the GES staff involved in the gauging and recovery of their potable well. DL acknowledged the resident request and immediately informed GES staff.

At 11:39, Parratt-Wolff briefly stopped drilling to inspect and clean out accumulated cuttings/liquids from the secondary containment pad. Minimal water was observed in the secondary containment and PID readings collected from the surface of solid drilling cuttings were 0.0 ppm. No evidence of SPL or odors were observed. Borehole advancement continued at 11:45.

At 11:59, Parratt-Wolff briefly paused drilling due to heavy downpours. Borehole advancement continued at 12:04.

At 12:48, the borehole reached a depth of 55 ft bgs. Minimal water was observed in the secondary containment and there were no observations of SPL in the secondary containment.

At 13:02, the borehole reached a depth of 60 ft bgs. Minimal water was observed in the secondary containment and there were no observations of SPL in the secondary containment.

At 13:30, the borehole reached a depth of approximately 62.5 ft bgs. GES's field geologist indicated that a water bearing fracture was encountered at approximately 60 ft bgs. GES plans to terminate the borehole at this depth to allow the infiltration of water into the borehole and evaluate for the presence of SPL, noting that the borehole could be advanced deeper in the future, if necessary. No observations of SPL were observed in the secondary containment and PID readings collected from the surface of the drilling cuttings were 0.0 ppm. GES confirmed that staff will begin demobilization and site cleanup activities and prepare the drilling of RW-3 tomorrow, May 22.

PADEP staff leave Site at 14:10.



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PHOTOGRAPHS



Photo #1

RW-2 installation location, Washington Crossing, PA



Photo #2

Perimeter air monitoring station, adjacent to RW-2.
5/21/2025 @ 13:46

Photo #3

Secondary containment for investigation derived waste.
5/21/2025 @ 11:03

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 Facility Name: Glenwood Drive & Walker Road Primary Facility ID: 881609

PHOTOGRAPHS



Photo #4

Parratt-Wolff drilling recovery well.

5/21/2025 @ 12:22

DEP Representative Name Dustin Lipik, P.G.	DEP Representative Signature Dustin A. Lipik, P.G. Digitally signed by Dustin A. Lipik, P.G. Date: 2025.05.27 13:27:23 -0400	Title Licensed Professional Geologist	Date: 5/21/2025 Telephone: 484-250-5795
<i>Signature by the person interviewed does not necessarily imply concurrence with the findings on this report, but does acknowledge that the person was shown the report or that a copy was left with the person.</i>			
Interviewee Name	Interviewee Signature	Title	Date: Telephone: