pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENVIRONMENTAL CLEANUP AND BROWNFIELDS

# NARRATIVE REPORT FORM

**Facility Name:** Glenwood Drive and Walker Road **Primary Facility ID:** 881609

| | | | |
|---|---|---|---|
| **Inspection Date:** 8-6-25 | **Inspection Time:** 8:58 | **Lat/Long:** | |
| **Program:ECB** | ☐ **Storage Tanks** | ☐ **HSCA** | ☒ **LRP** |
| **Owner Name:** Energy Transfer | | **Inspection ID:** | **Site ID:** |
| **Facility Location (911) Address:** Glenwood Drive and Walker Road Washington Crossing, PA 18977 | | **Municipality:** Upper Makefield Twp. | |
| | | **County:** Bucks | |
| **Responsible Official Name:** Brad Fish<br>**Title:** Senior Environmental Specialist Emergency Response & Remediation | | **Responsible Official Address:** 100 Green Street Marcus Hook, PA 19061 | |
| **Responsible Official Telephone: 610-859-6297**<br>**Email Address:** bradford.fish@energytransfer.com | | | |

**Entities Present:**
DEP – Rebecca Flannery
GES – Brian Hale and Ryan Orlowski (drilling), Jack Coleman, Jeff Plummer and Tom Veasy (gauging crew)
Summitt Drilling
CTEH – air and sound monitoring
Anson – Traffic control
ET – Christ Embry, Elijah Contreras, and Nancy Sadlon
Sound Barriers: Environmental Sound Control

**Purpose:** Oversight of installation of monitoring wells MW-6S and MW-7D

**Weather:** Overcast/cloudy; 80°F

**Narrative:**
I arrived at 8:58am near the intersection of Glenwood Drive and Walker Road.

Installation of MW-6S:

- Before drilling of the monitoring well Chris told me that the goals for the day were to install monitoring well MW-6S and MW-7D.
- He went over the hazards at the drill site.
- Drilling of the well started at 9:35am. This well is located in the right of way in Glenwood Drive approximately 100 feet from the intersection of Walker Road and Glenwood Drive.
- Soil samples were collected every 5' for screening and logging and placed on plastic sheeting.
- PID readings were between 0.0 and 0.3 ppm.
- Wet soil was encountered at a depth between 35 and 40 feet below ground surface (bgs.)
- Groundwater appeared to have been encountered at approximately 35' bgs.
- Competent bedrock was not encountered during the installation of the monitoring well.
- There are three houses whose potable wells were monitored during the drilling of the well: [redacted], [redacted] and [redacted]. No response was received from the resident at [redacted].
- Drilling ended at 10:05 when the target depth was reached of 45' bgs.
- The well was completed with 20' of riser and 20' of screen,
- I spoke with someone from Gilmore and Associates, engineers for Upper Makefield Township. He noticed there were areas where hydraulic oil was present on the road. He requested that I ask ET to put oil dry on it, which I relayed to Chris. Chris also informed me that they were going to get the street sweeper out today.

| DEP Representative Name | DEP Representative Signature | Title | Date: 8-12-25 |
|---|---|---|---|
| Rebecca Flannery | Rebecca Flannery Digitally signed by Rebecca Flannery Date: 2025.08.12 09:15:14 -04'00' | Geoscientist | Telephone: 484-250-5779 |

*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.*

| Interviewee Name | Interviewee Signature | Title | Date: |
|---|---|---|---|
| | | | Telephone: |

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**Narrative (continued):**

- The street sweeper company employee came out and put oil dry where there was evidence of leaked hydraulic oil on the street.
- I spoke with the resident at [redacted] while the drilling was occurring. [redacted] informed me that [redacted] well cap has been damaged, I replied that I would let ET know and have them contact [redacted]. I went to notify Nancy who was still onsite. She stated that ET was aware of the issue as it had been reported by GES and ET was working on a solution. I went back to the resident and let them know that ET was aware.

Gauging:

- I observed the gauging of recovery well RW-2.
- The water level was gauged before the skimmer was removed.
- There was 0.38' of LNAPL measured, but when the skimmer was removed, there was only a thin layer on the top of the groundwater.
- A LNAPL sample was collected at 9:44am then was set up to pump the well.
- I asked what the measurement of LNAPL was in the well at [redacted] and they replied 0.04' and no sample was collected.

Installation of MW-7D:

- The installation of monitoring well MW-7D began at 12:50. This well is in the township right of way in Walker Road between 121 and 123 Walker Road.
- Soil samples were collected and was placed on plastic sheeting on the pavement to be screened and logged.
- There was some moisture encountered between 15-20 feet bgs and around 50 feet bgs.
- Drilling was paused at 13:00 to let the well sit to see if water was present, there was none, and drilling restarted at 13:27.
- Drilling stopped at 14:00 when the target depth of 75 feet bgs was achieved.
- Competent bedrock was not encountered during the installation of the well.
- There were no PID readings measured above 0.2ppm during the installation of the well.
- No significant fractures were noted by the driller.
- Around 60-70 feet bgs, coal shale was present in the drill cuttings and the collected drill water.
- All the drill cuttings and water was placed into 55-gallon drums to be disposed of later.

I departed the site at 14:10

| DEP Representative Name | DEP Representative Signature | Title | Date: 8-12-25 |
|---|---|---|---|
| Rebecca Flannery | Rebecca Flannery Digitally signed by Rebecca Flannery Date: 2025.08.12 09:15:29 -04'00' | Geoscientist | Telephone: 484-250-5779 |
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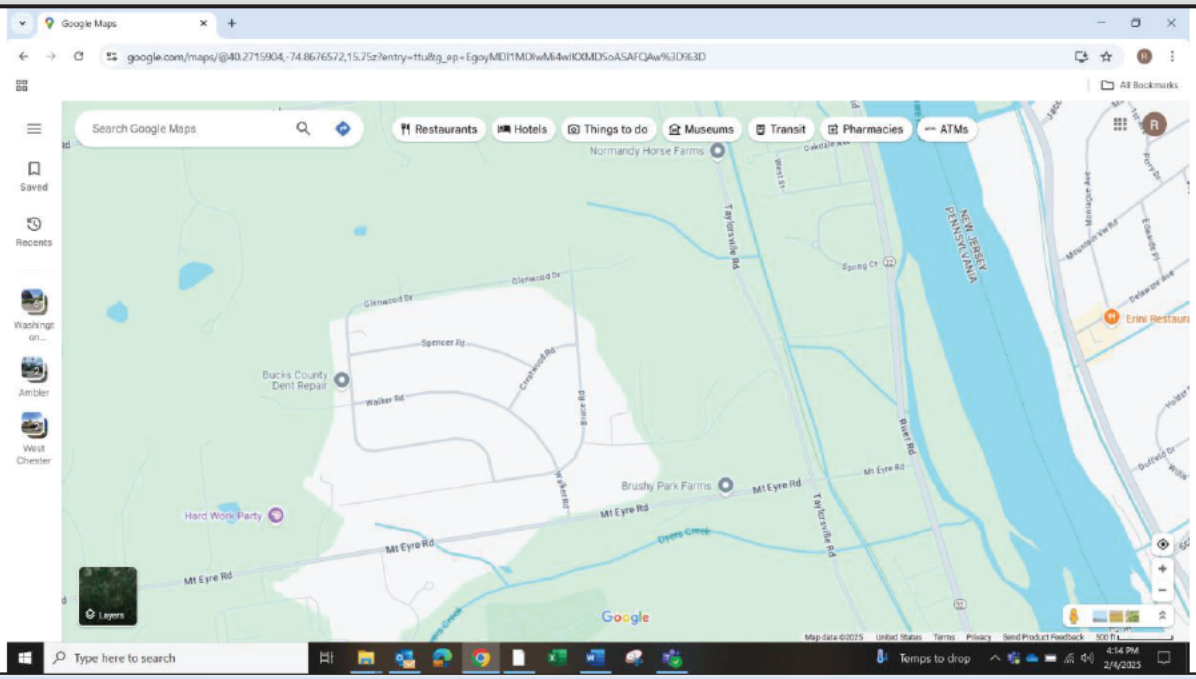
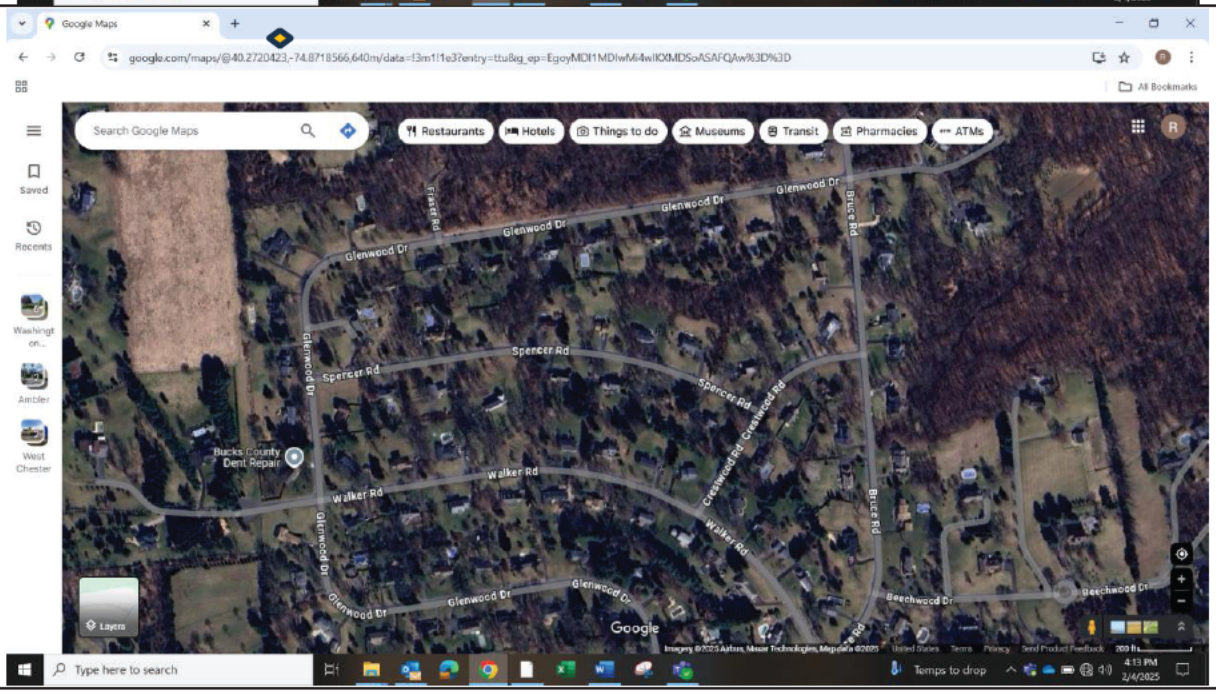
***Facility Name:*** Glenwood Drive and Walker Road **Primary Facility ID:** 881609

## MAPS / PHOTOGRAPHS / ATTACHMENTS




| DEP Representative Name | DEP Representative Signature | Title | Date: 8-12-25 |
|---|---|---|---|
| Rebecca Flannery | Rebecca Flannery Digitally signed by Rebecca Flannery Date: 2025.08.12 09:15:46 -04'00' | Geoscientist | Telephone: 484-250-5779 |
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| | | | **Telephone:** |

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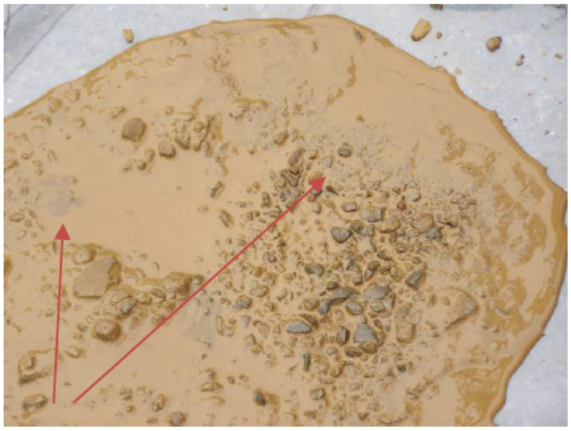
Drill rig set up for installing monitoring well MW-6S
8-6-25 @ 9:22

Layer of LNAPL in skimmer removed from recovery well RW-2
8-6-25 @ 9:41

Soil samples from installation of MW-6S from 5' (top) to 40' (bottom)
8-6-25 @ 10:03



Coal shale present in soil sample from MW-6S at a depth of 45 feet bgs.
8-6-25 @ 10:34

| DEP Representative Name | DEP Representative Signature | Title | Date: 8-12-25 |
|---|---|---|---|
| Rebecca Flannery | Rebecca Flannery Digitally signed by Rebecca Flannery Date: 2025.08.12 09:16:01 -04'00' | Geoscientist | Telephone: 484-250-5779 |
| *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.* | | | |
| **Interviewee Name** | **Interviewee Signature** | **Title** | **Date:** |

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Hydraulic oil on Walker Road and Glenwood Drive
8-6-25 @ 10:10

Oil Dry applied to hydraulic oil
8-6-25 @ 13:18

Drill set up on Walker, facing west
8-6-25 @ 12:52

5' bgs. ----------→ 40' bgs

70' bgs-< ----------45' bgs

Soil samples from MW-7D
8-6-25 @ 13:57

| DEP Representative Name | DEP Representative Signature | Title | Date: 8-12-25 |
|---|---|---|---|
| Rebecca Flannery | Rebecca Flannery Digitally signed by Rebecca Flannery Date: 2025.08.12 09:16:15 -04'00' | Geoscientist | Telephone: 484-250-5779 |
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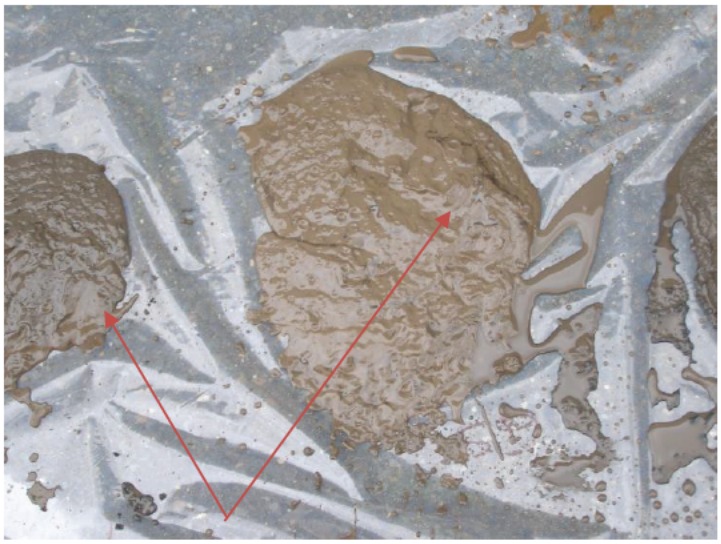

Coal shale observed in soil sample at 60' and 65' bgs.
8-6-25 @ 13:58

Water from monitoring well MW-7D, with layer of coal shale
8-6-25 @ 14:05

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| DEP Representative Name | DEP Representative Signature | Title | Date: 8-12-25 |
|---|---|---|---|
| Rebecca Flannery | Rebecca Flannery Digitally signed by Rebecca Flannery Date: 2025.08.12 09:16:30 -04'00' | Geoscientist | Telephone: 484-250-5779 |
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| **Interviewee Name** | **Interviewee Signature** | **Title** | **Date:** |