



## NARRATIVE REPORT FORM

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

| <b>Inspection Date:</b> 7-24-25  |      | <b>Inspection Time:</b> 9:03                  |                       | <b>Lat/Long:</b>                               |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
|--|------|---|-----------------------|--|-----------------------|---------|------|-----------|-----------|-----------|-----------------------|-----------------------|------|------|-------|-------|------|------------------------|---|---|---|-------|-----|------------|------|-------|---|-------|-----|-----------------------|------|-------|---|-------|-----|
| <b>Program:</b> ECB  |      | <input type="checkbox"/> <b>Storage Tanks</b> |                       | <input type="checkbox"/> <b>HSCA</b>           |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
|  |      |   |                       | <input checked="" type="checkbox"/> <b>LRP</b> |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| <b>Owner Name:</b> Energy Transfer   |      |   | <b>Inspection ID:</b> |  | <b>Site ID:</b>       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| <b>Facility Location (911) Address:</b><br>Glenwood Drive and Walker Road<br>Washington Crossing, PA 18977   |      |   |                       | <b>Municipality:</b> Upper Makefield Twp.      |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
|  |      |   |                       | <b>County:</b> Bucks                           |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| <b>Responsible Official Name:</b> Brad Fish  |      |   |                       | <b>Responsible Official Address:</b>           |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| <b>Title:</b> Senior Environmental Specialist Emergency Response & Remediation   |      |   |                       | 100 Green Street<br>Marcus Hook, PA 19061      |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| <b>Responsible Official Telephone:</b> 610-859-6297  |      |   |                       |  |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| <b>Email Address:</b> bradford.fish@energytransfer.com   |      |   |                       |  |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| <b>Entities Present:</b>   |      |   |                       |  |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| DEP – Rebecca Flannery   |      |   |                       |  |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| ET – Nancy Sadlon, Chris Embry, Wassim Saad, and Joe Massaro   |      |   |                       |  |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| GES – Andy Wallett, Devin Graham, Pete Reichardt, Chris Troutman, Greg Rosenzweig, and Zach Podrasky   |      |   |                       |  |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| Summitt Drilling   |      |   |                       |  |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| CTEH – Autumn Adams  |      |   |                       |  |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| <b>Inspection Purpose:</b> Observe gauging activities and the installation of monitoring well MW-4D in the right of way on Glenwood Drive.   |      |   |                       |  |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| <b>Weather:</b> Sunny and mid 80's   |      |   |                       |  |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| <b>Narrative:</b>  |      |   |                       |  |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| I arrived at [REDACTED] at 9:03am to observe some of the well gauging activities and the installation of monitoring well MW-4D in the right of way in front of [REDACTED].   |      |   |                       |  |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| I observed the following at the addressed below.   |      |   |                       |  |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Address</th> <th style="text-align: center;">Time</th> <th style="text-align: center;">PID (ppm)</th> <th style="text-align: center;">DTP (ft.)</th> <th style="text-align: center;">DPW (ft.)</th> <th style="text-align: center;">LNAPL thickness (ft.)</th> </tr> </thead> <tbody> <tr> <td>[REDACTED] – pre bail</td> <td style="text-align: center;">9:18</td> <td style="text-align: center;">53.5</td> <td style="text-align: center;">29.33</td> <td style="text-align: center;">29.50</td> <td style="text-align: center;">0.12</td> </tr> <tr> <td>[REDACTED] – post bail</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">29.71</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td>[REDACTED]</td> <td style="text-align: center;">9:28</td> <td style="text-align: center;">168.7</td> <td style="text-align: center;">-</td> <td style="text-align: center;">27.35</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td>Glenwood Drive – RW-2</td> <td style="text-align: center;">9:45</td> <td style="text-align: center;">113.6</td> <td style="text-align: center;">-</td> <td style="text-align: center;">24.21</td> <td style="text-align: center;">0.0</td> </tr> </tbody> </table> |      |   |                       |  |                       | Address | Time | PID (ppm) | DTP (ft.) | DPW (ft.) | LNAPL thickness (ft.) | [REDACTED] – pre bail | 9:18 | 53.5 | 29.33 | 29.50 | 0.12 | [REDACTED] – post bail | - | - | - | 29.71 | 0.0 | [REDACTED] | 9:28 | 168.7 | - | 27.35 | 0.0 | Glenwood Drive – RW-2 | 9:45 | 113.6 | - | 24.21 | 0.0 |
| Address  | Time | PID (ppm)                                     | DTP (ft.)             | DPW (ft.)                                      | LNAPL thickness (ft.) |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| [REDACTED] – pre bail  | 9:18 | 53.5  | 29.33                 | 29.50  | 0.12                  |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| [REDACTED] – post bail   | -    | -   | -                     | 29.71  | 0.0                   |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| [REDACTED]   | 9:28 | 168.7   | -                     | 27.35  | 0.0                   |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| Glenwood Drive – RW-2  | 9:45 | 113.6   | -                     | 24.21  | 0.0                   |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| DTP – Depth to product (LNAPL)   |      |   |                       |  |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| DPW – Depth to water   |      |   |                       |  |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| LNAPL – Light non-aqueous phase liquid   |      |   |                       |  |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| <b>Gauging Observations:</b>   |      |   |                       |  |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| [REDACTED]   |      |   |                       |  |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |
| <ul style="list-style-type: none"> <li>- Measured 0.12' of LNAPL in potable well.</li> <li>- A LNAPL sample was collected at 9:25am</li> <li>- The LNAPL was bailed until there was a reading of 0.0'</li> </ul>   |      |   |                       |  |                       |         |      |           |           |           |                       |                       |      |      |       |       |      |                        |   |   |   |       |     |            |      |       |   |       |     |                       |      |       |   |       |     |

|   |  |   |  |                              |                                |
|---|--|---|--|------------------------------|--------------------------------|
| <b>DEP Representative Name</b><br>Rebecca Flannery  |  | <b>DEP Representative Signature</b><br>Rebecca Flannery<br><small><i>Digitally signed by Rebecca Flannery<br/>Date: 2025.07.29 15:06:41 -0400</i></small> |  | <b>Title</b><br>Geoscientist | <b>Date:</b> 7-29-25           |
|   |  |   |  |                              | <b>Telephone:</b> 484-250-5779 |
| <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> |  |   |  |                              |                                |
| <b>Interviewee Name</b>   |  | <b>Interviewee Signature</b>  |  | <b>Title</b>                 | <b>Date:</b>                   |
|   |  |   |  |                              | <b>Telephone:</b>              |



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Facility Name: Glenwood Drive and Walker Road

Primary Facility ID: 881609 \_\_\_\_\_

**Narrative (continued):**

**Gauging Observations:**

- \_\_\_\_\_:
- An absorbent sock was installed on Saturday July 12, 2025 to capture a small sheen that was noticed.

RW-2 (Glenwood)

- A skimmer was present in the recovery well.
- Well gauging was performed prior to the skimmer being removed.
- There was approximately 3L of LNAPL and emulsified LNAPL.
- A LNAPL sample was collected at 9:58am.
- The contents of the skimmer was placed in a metal bucket.
- The recovery well was then pumped to remove any remaining LNAPL.

Well Installation Activities:

- I arrived in front of \_\_\_\_\_ to observe the installation of monitoring well MW-4D.
- There were a few sound barriers set up on the north portion of the street and I noticed three air monitoring stations set up.
- It was communicated to ET that morning that the resident at \_\_\_\_\_ was going to be home for the day and would like sound barriers placed in front of the house but could not be placed on the property.
- Theresa from the Bucks County Health Department stopped by to verify the locations of the wells to be installed.
- Around noon, the clearing of the spot for MW-4D began.
- Soil samples were collected at 2, 4, and 5 feet for screening and logging. There was no PID reading above 0.02ppm in the first 5 feet of soil.
- All the soil cuttings and asphalt were placed into 55-gallon drums.
- At 13:48 the drilling of MW-4D started.
- Soil was collected every 5 feet for logging and screening.
- The rock was moist between 35 and 40 feet below surface.
- There were no PID readings above 0.02ppm during the installation of MW-4D.
- Between 60 and 75 feet below surface the drill cuttings became watery.
- In the drill cuttings between 65 and 75 feet below surface, I observed some of what has previously been described as black "coal ash" that had been observed in the drilling of recovery well RW-3 was mixed in.
- The end target depth of 75 feet below surface was reached at 14:37.

Additional Information:

- The well permits have not been issued by the Township for the three monitoring well locations on the Township property behind \_\_\_\_\_. Additional information was requested.
- No drilling will occur on Monday July 28, 2025 most likely on Tuesday July 29, 2025.
- The depth to water was measured in monitoring wells MW-5S and 5D in the morning. The depths were 5.53 and 39.10 feet respectively.
- Before the drilling occurred, I spoke with the resident at \_\_\_\_\_ about the difference between the monitoring and recovery wells.

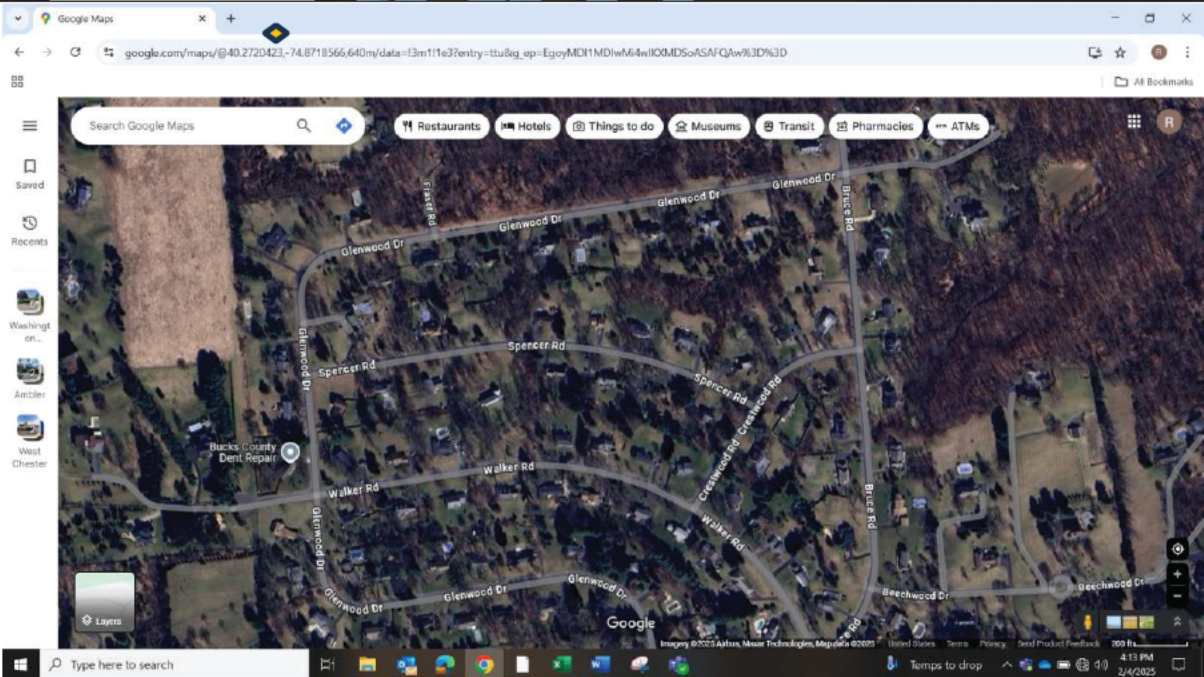
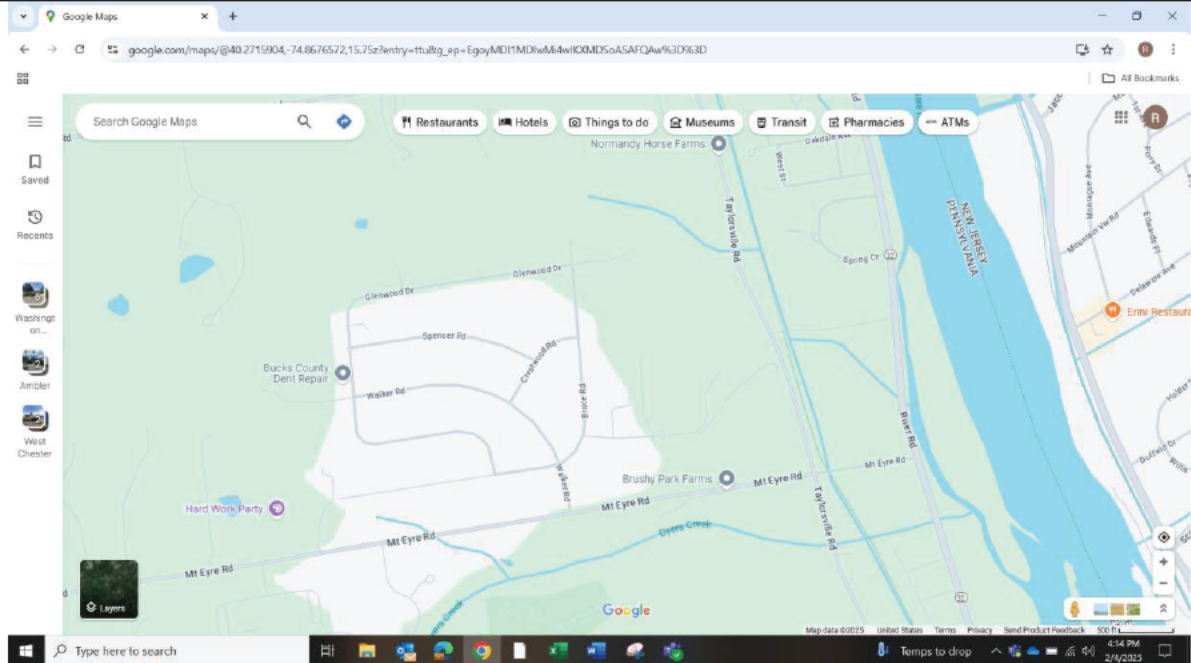
I departed the site at 15:10

|  |   |                       |  |
|--|---|-----------------------|--|
| DEP Representative Name<br>Rebecca Flannery  | DEP Representative Signature<br>Rebecca Flannery<br><small>Digitally signed by Rebecca Flannery<br/>Date: 2025.07.29 15:06:54 -0400</small> | Title<br>Geoscientist | Date: 7-29-25<br>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:<br>Telephone:                      |

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

### MAPS / PHOTOGRAPHS / ATTACHMENTS



|   |  |                              |  |
|---|--|------------------------------|--|
| <b>DEP Representative Name</b><br>Rebecca Flannery  | <b>DEP Representative Signature</b><br>Rebecca Flannery<br><small>Digitally signed by Rebecca Flannery<br/>Date: 2025.07.29 15:07:07 -04'00'</small> | <b>Title</b><br>Geoscientist | <b>Date:</b> 7-29-25<br><b>Telephone:</b> 484-250-5779 |
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| <b>Interviewee Name</b>   | <b>Interviewee Signature</b>   | <b>Title</b>                 | <b>Date:</b><br><b>Telephone:</b>                      |



## NARRATIVE REPORT FORM

Facility Name: Glenwood Drive and Walker Road

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Location of monitoring Well MW-4S and 4D facing north from [redacted]  
7-24-25 @ 9:05



Mixture of LNAPL and emulsified LNAPL in skimmer when removed from recovery well RW-2 on Glenwood Drive  
7-24-25 @ 9:48



Sound barriers between drill rig and [redacted]  
7-24-25 @ 11:50



Raised drill rig away from Copper Beechtree at [redacted]  
7-24-25 @ 13:35

|  |   |                       |  |
|--|---|-----------------------|--|
| DEP Representative Name<br>Rebecca Flannery  | DEP Representative Signature<br>Rebecca Flannery<br><small>Digitally signed by Rebecca Flannery<br/>Date: 2025.07.29 15:07:19 -04'00'</small> | Title<br>Geoscientist | Date: 7-29-25<br>Telephone: 484-250-5779 |
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| Interviewee Name   | Interviewee Signature   | Title                 | Date:                                    |

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Raised drill rig away from Copper Beechtree at 109 Glenwood Drive.  
7-24-25 @ 13:36



Soil samples from installation of monitoring well MW-4D  
7-24-25 @ 14:17



"Coal ash" in soil from MW-4D between 70-75 feet below asphalt  
7-24-25 @ 14:36

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|   |  |                              |  |
|---|--|------------------------------|--|
| <b>DEP Representative Name</b><br>Rebecca Flannery  | <b>DEP Representative Signature</b><br>Rebecca Flannery<br><small>Digitally signed by Rebecca Flannery<br/>Date: 2025.07.29 15:07:33 -0400</small> | <b>Title</b><br>Geoscientist | <b>Date:</b> 7-29-25<br><b>Telephone:</b> 484-250-5779 |
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| <b>Interviewee Name</b>   | <b>Interviewee Signature</b>   | <b>Title</b>                 | <b>Date:</b>   |