



June 15, 2026

Project No. US0039040.3990

**Mr. Jerry Wick**

Texas Commission on Environmental Quality  
MC-127  
VCP-CA Section, Team 1, Remediation Division  
P.O. Box 13087  
Austin, Texas 78711-3087

**Re: MONTHLY STATUS UPDATE – ENGLEWOOD INTERMODAL YARD – REVISED INTERIM MEASURES  
WORK PLAN POST-CONSTRUCTION AND NAPL COLLECTION SYSTEM/CONCRETE CAP REPAIR  
INSPECTIONS  
UNION PACIFIC RAILROAD HOUSTON WOOD PRESERVING WORKS FACILITY  
4910 LIBERTY ROAD FACILITY, HOUSTON, TEXAS  
POST-CLOSURE CARE PERMIT NO. HW-50343; INDUSTRIAL SWR NO. 31547**

Dear Mr. Wick:

WSP USA Inc. (WSP), on behalf of Union Pacific Railroad Company (UPRR), is pleased to provide this monthly status update for May 2026 summarizing the weekly inspections being conducted at the Englewood Intermodal Yard (EIY) concrete cap area within the UPRR Houston Wood Preserving Works Facility (the Site). The weekly inspections are being conducted to evaluate the post-construction Focused Excavations as detailed in the *Revised Interim Measures Work Plan – Englewood Intermodal Yard (EIY)*, (Revised IMWP) dated October 20, 2023. In addition, a summary of the weekly Non-Aqueous Phase Liquid (NAPL) Collection System and concrete cap area inspections conducted at the EIY is provided as requested by the Texas Commission on Environmental Quality (TCEQ) in a letter dated March 20, 2018. Below is a summary of the weekly Focused Excavation and EIY inspections for May 2026.

**Focused Excavation Inspections**

UPRR initiated the interim measure remediation activities detailed in the Revised IMWP on April 29, 2024, and completed construction activities on November 15, 2024. Final waste disposal was completed on July 24, 2025. The Response Action Completion Report (RACR) summarizing the Focused Excavation response actions was submitted to the TCEQ on July 17, 2025. UPRR received TCEQ's Approval with Comments on the RACR on January 7, 2026. UPRR submitted a Response to Comments and Interim Measures Work Plan Addendum to TCEQ on March 6, 2026.

Following completion of the remediation activities, WSP, on behalf of UPRR, began conducting weekly inspections of the 13 completed Focused Excavation (FE) re-constructed cap areas. For May 2026, weekly inspections were conducted on May 6, 13, 20, and 27, 2026. Figure 1 shows the locations of the FE areas. Photographs from the weekly inspections of the FE areas are provided in Attachment A under Photo Numbers 1 through 58. Observations from the weekly inspections included the following:

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- WSP noted the reconstructed FE concrete and asphalt cap areas were in good condition during the weekly inspections. WSP personnel did not observe any tar-like material or NAPL seeps at the FE locations.
- Minor brown water staining was observed on the pavement north of the reconstructed concrete cap of FE-1&3 on May 6 (Attachment A, Photo No. 1). The brown water staining was not observed at this location during the other May inspections.
- Brown water staining was observed along the southern joint of the reconstructed concrete cap of FE-5 on May 6 (Photo No. 4), May 13 (Photo No. 17), May 20 (Photo Nos. 30 through 32), and May 27 (Photo No. 47). Brown water staining was observed at the southeastern corner of the reconstructed concrete cap of FE-5 on May 20 (Photo No. 33).
- Brown water staining and a small amount of standing water were observed along the western joint perpendicular to the reconstructed asphalt cap of FE-6 on May 6 (Photo No. 5), May 13 (Photo No. 18), May 20 (Photo Nos. 34 and 35), and May 27 (Photo Nos. 48 and 49). Brown water staining was observed along the southern joint of the reconstructed asphalt cap of FE-6 on May 6 (Photo No. 6), May 13 (Photo No. 19), May 20 (Photo No. 36), and May 27 (Photo No. 50).
- No other brown water staining was observed near the FEs. Brown water staining was routinely observed during the Spring months in the asphalt pavement area north of FE-1&3 and surrounding FE-5 and FE-6 prior to the Focused Excavation activities.

### **Non-Aqueous Phase Liquid (NAPL) Collection System and EIY Concrete/Asphalt Cap Inspections**

The following is a summary of the observations from the weekly inspections in May 2026 of the NAPL Collection System area and EIY concrete/asphalt cap outside the NAPL Collection System. Photographs from the weekly inspections of the NAPL Collection System are provided in Attachment A under Photo Numbers 59 through 70.

#### **NAPL Collection System Area**

The NAPL Collection System was installed in the EIY in January 2019 to address the tar-like NAPL seeps within parking stalls B100 to B109 (for container trailers). The NAPL Collection System includes three sumps, Sump 1 (B099/B100 stalls), Sump 2 (B103/B104 stalls), and Sump 3 (B107/B108 stalls), that have continued to be inspected weekly for NAPL accumulation. Field personnel use a shovel to scrape the bottom of the sumps and inspect for the presence of NAPL during the weekly inspections. If present, the accumulated NAPL is recovered with the shovel. A notation on the presence of NAPL in each sump, tabulation of depth and thickness of NAPL, if detected, and a tabulation of total mass of NAPL recovered from each sump is provided on the enclosed Table 1. NAPL recovered from the sumps is placed in a drum for disposal. The drum is staged at the Container Storage Area (CSA).

Storm water tends to collect in the NAPL Collection System. WSP field personnel measure weekly freeboard levels in NAPL Collection System Sump 1, Sump 2, and Sump 3 below the top of the manholes, as summarized for the May weekly inspections in the following table:

| <b>Date</b> | <b>Sump 1<br/>(DTW, inches)</b> | <b>Sump 2<br/>(DTW, inches)</b> | <b>Sump 3<br/>(DTW, inches)</b> | <b>Photo Nos.<br/>(Attachment A)</b> |
|-------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------------|
| May 6       | 0.0                             | 9.3                             | 8.8                             | 59, 60, and 61                       |
| May 13      | 0.0                             | 37.7                            | 36.9                            | 62, 63, and 64                       |
| May 20      | 0.0                             | 30.0                            | 29.6                            | 65, 66, and 67                       |
| May 27      | NM                              | 21.6                            | 21.1                            | 68, 69, and 70                       |

DTW – depth to water below the top of the manhole.

NM – not measured. The water level of Sump 1 was unable to be measured on May 27, 2026 due to pooled rainwater on the sump cover.

Observations from the weekly inspections included the following:

- No NAPL was observed or recovered from Sumps 1, 2, and 3 during the May 2026 weekly inspections. During the May inspections, the small amount of NAPL accumulated on the underside of the inflow protector for Sump 1 was similar in appearance to the amount observed in April (Photo No. 59).
- Water in Sump 1 was observed to be light brown or brown depending on the inspection date. On May 6 and 20, a sheen was observed in Sump 1. Water in Sump 2 and Sump 3 was observed to be clear or light brown depending on the inspection date. No indications of a sheen were observed in Sump 2 or 3 during the May inspections. No odors were reported during the May inspections.
- UPRR remediation contractor E3 pumped down the water in the sumps on May 7, 2026. Recovered water was transported and disposed of at the Republic Services McCarty Road Landfill facility. No NAPL was recovered during the pumpdown event.
- A tar-like material seep was observed at a concrete joint at Stall B107 on May 6, 13, and 20 immediately adjacent to the NAPL Collection System. Approximately 9.2 cubic inches (approximately 5.1 fluid ounces) of NAPL were recovered. No NAPL seeps were observed along the concrete joints near the NAPL Collection System during the May 27 inspection (Photo Nos. 71 through 77).

#### Areas Outside the NAPL Collection System/EIY Concrete/Asphalt Cap Inspections

For areas outside the NAPL Collection System within the EIY, WSP made the following observations during the weekly inspections:

- No active seeps were noted at Track 802 during the May weekly inspections (Photo Nos. 78 through 81).
- No active seeps were noted at Stall B102 Center during the May weekly inspections (Photo Nos. 82 through 85).
- Overall, the volume of NAPL recovered from the surface seeps decreased from April to May 2026 (approximately 7.2 fluid ounces in April compared to 5.1 fluid ounces in May). In comparison, prior to implementing the Focused Excavations, approximately 24 fluid ounces (approximately 0.19 gallons) of NAPL were collected from the surface seeps during May 2023.

- The previously observed seeps at stalls B100/B101/B105 (FE-1&3), B102 (joint) (FE-2), B056/B057 (FE-4), A021/A022 (FE-5), A010/A011 (FE-6), B096 (FE-7), B042 (FE-8), B016 (FE-9), and RD-14 (FE-13) have been addressed through the Focused Excavation activities.
- During the May 2026 inspections, no NAPL seeps were observed at the remaining test pit locations that were not excavated as part of the Focused Excavations (Stalls A098 (TP-02), B013 (TP (B013)), B057 (TP-04), and B108 (TP (B108) and TP-01).
- Minor brown water staining was observed within the EIY in May along the asphalt joint between stall A050 and A080 on May 13 (Photo No. 86), between stall A055 and A077 on May 20 (Photo Nos. 87 through 90), and near stall A065 on May 27 (Photo No. 91).

A figure showing the active and historical seep locations is provided on Figure 1.

A table tallying the active seeps observed in May 2026 is provided in Table 2.

If you have any questions or need additional information, please feel free to call us at (512) 501-5547 or Mr. Kevin Peterburs of UPRR at (414) 267-4164.

Sincerely,

**WSP USA Inc.**



Manny Higa  
*Lead Consultant, Geologist*



Keshab Gyawali, PE  
*Lead Consultant, Civil Engineer*



CC: Kevin Peterburs, UPRR – Milwaukee, WI  
Waste Section Manager, TCEQ Region 12, Houston

Attachment Table 1 – NAPL Measurements – NAPL Collection System  
Table 2 – NAPL Seep Detection Tracker for Weekly Cap Inspections  
Figure 1 – Englewood Intermodal Capped Areas Seeps  
Attachment A – Weekly Inspection Photolog

## Tables

**TABLE 1**  
**NAPL Measurements - NAPL Collection System - Englewood Intermodal Yard**  
**UPRR Houston, tx - Wood Preserving Works**

| Measured Date | Sump 1 (B099/B100) Freeboard (in) | Sump 2 (B103/B104) Freeboard (in) | Sump 3 (B107/B108) Freeboard (in) | Depth to DNAPL (in) | Comments                                                                                             |
|---------------|-----------------------------------|-----------------------------------|-----------------------------------|---------------------|------------------------------------------------------------------------------------------------------|
| 8/14/2019     | 2.5                               | 28                                | 29                                | Not measurable      |                                                                                                      |
| 8/21/2019     | 0                                 | 27.5                              | 26.5                              | Not measurable      |                                                                                                      |
| 8/28/2019     | 44.5                              | 47.9                              | 45                                | Not measurable      | Water from sumps pumped out                                                                          |
| 9/4/2019      | 19                                | 42                                | 41.5                              | Not measurable      |                                                                                                      |
| 9/13/2019     | 0                                 | 39.5                              | 38                                | Not measurable      |                                                                                                      |
| 9/20/2019     | 0                                 | 3                                 | 2.5                               | Not measurable      |                                                                                                      |
| 9/25/2019     | 0                                 | 42                                | 42.5                              | Not measurable      | Water from sumps pumped out                                                                          |
| 10/2/2019     | 2.5                               | 42.5                              | 42                                | Not measurable      | Sheen visible in B107/B108 sump, less than 0.1 gal of DNAPL recovered                                |
| 10/9/2019     | 3                                 | 42                                | 41.5                              | Not measurable      | Sheen visible in B107/B108 sump, less than 0.1 gal of DNAPL recovered                                |
| 10/16/2019    | 0                                 | 39.5                              | 39                                | Not measurable      | Less than 0.1 gal of DNAPL recovered from B107/B108 Sump                                             |
| 10/24/2019    | 3                                 | 35                                | 25                                | Not measurable      | Less than 0.1 gal of DNAPL recovered from B107/B108 Sump                                             |
| 10/29/2019    | 0                                 | 24                                | 23                                | Not measurable      | Water from sumps pumped out                                                                          |
| 10/30/2019    | 0                                 | 40                                | 39                                | Not measurable      | Slight sheen visible in B107/B108 sump                                                               |
| 11/6/2019     | 9                                 | 39                                | 38.5                              | Not measurable      |                                                                                                      |
| 11/13/2019    | 7                                 | 30                                | 29                                | Not measurable      | Less than 0.1 gal of DNAPL recovered from B107/B108 Sump                                             |
| 11/19/2019    | 4                                 | 26                                | 25.5                              | Not measurable      |                                                                                                      |
| 11/27/2019    | 0                                 | 25                                | 23                                | Not measurable      |                                                                                                      |
| 12/3/2019     | 2                                 | 25.5                              | 25                                | Not measurable      | Less than 0.1 gal of DNAPL recovered from B107/B108 Sump                                             |
| 12/11/2019    | 1.5                               | 17                                | 16.54                             | Not measurable      | Less than 0.1 gal of DNAPL recovered from B107/B108 Sump                                             |
| 12/17/2019    | 5                                 | 19.5                              | 17.5                              | Not measurable      |                                                                                                      |
| 12/23/2019    | 10                                | 21                                | 20.5                              | Not measurable      |                                                                                                      |
| 1/7/2020      | 9                                 | 13                                | 12.5                              | Not measurable      |                                                                                                      |
| 1/8/2020      | 9                                 | 13                                | 12.5                              | Not measurable      | Water from sumps pumped out                                                                          |
| 1/17/2020     | 0                                 | 32                                | 31.5                              | Not measurable      |                                                                                                      |
| 1/21/2020     | 2.5                               | 26.5                              | 26                                | Not measurable      |                                                                                                      |
| 1/28/2020     | 0                                 | 0                                 | 0                                 | Not measurable      |                                                                                                      |
| 2/4/2020      | 2                                 | 11                                | 10.5                              | Not measurable      |                                                                                                      |
| 2/12/2020     | 0                                 | 0                                 | 0                                 | Not measurable      |                                                                                                      |
| 2/18/2020     | 1.5                               | 11.5                              | 10.25                             | Not measurable      | Water from sumps pumped out on 2/20/2020                                                             |
| 2/27/2020     | 2                                 | 42                                | 36                                | Not measurable      |                                                                                                      |
| 3/6/2020      | 1                                 | 36                                | 36                                | Not measurable      |                                                                                                      |
| 3/11/2020     | 2                                 | 36                                | 35.5                              | Not measurable      |                                                                                                      |
| 3/18/2020     | 0                                 | 35.5                              | 35                                | Not measurable      |                                                                                                      |
| 3/27/2020     | 0                                 | 29                                | 28                                | Not measurable      |                                                                                                      |
| 4/3/2020      | 1.5                               | 29                                | 28.5                              | Not measurable      |                                                                                                      |
| 4/8/2020      | 0                                 | 23                                | 22                                | Not measurable      |                                                                                                      |
| 4/15/2020     | 0.5                               | 23                                | 22                                | Not measurable      |                                                                                                      |
| 4/21/2020     | 0                                 | 21                                | 21                                | Not measurable      |                                                                                                      |
| 4/28/2020     | 0                                 | 23                                | 22                                | Not measurable      |                                                                                                      |
| 5/4/2020      | -                                 | -                                 | -                                 | Not Measured        | Measurements were not taken; the inspector was unable to open the sumps                              |
| 5/12/2020     | 0                                 | 20                                | 19                                | Not measurable      |                                                                                                      |
| 5/19/2020     | 0                                 | 15.75                             | 14.25                             | Not measurable      | Sump 1 pumped down (May 22nd)                                                                        |
| 5/27/2020     | 0                                 | 14                                | 13                                | Not measurable      |                                                                                                      |
| 6/1/2020      | 0                                 | 7                                 | 5                                 | Not measurable      |                                                                                                      |
| 6/10/2020     | 0                                 | 10                                | 9                                 | Not measurable      |                                                                                                      |
| 6/17/2020     | 1                                 | 12                                | 11                                | Not measurable      |                                                                                                      |
| 6/25/2020     | 0                                 | 0                                 | 0                                 | Not measurable      |                                                                                                      |
| 6/30/2020     | 0                                 | 0                                 | 0                                 | Not measured        |                                                                                                      |
| 7/1/2020      | 48                                | 46                                | 47                                | Not measurable      | Sumps 1, 2, & 3 pumped down                                                                          |
| 7/8/2020      | 34                                | 24.5                              | 24                                | Not measurable      | Less than 0.1 gal of DNAPL recovered from B107/B108 Sump                                             |
| 7/15/2020     | 32                                | 29.5                              | 29                                | Not measurable      | Sheen visible in B99/B100 sump & B107/B108 sump, less than 0.1 gal of DNAPL recovered B107/B108 sump |
| 7/23/2020     | 0                                 | 23                                | 22.5                              | Not measured        | Less than 0.1 gal of DNAPL recovered from B107/B108 Sump                                             |
| 7/31/2020     | 0                                 | 11                                | 10                                | Not measurable      |                                                                                                      |
| 8/5/2020      | 0                                 | 7                                 | 5                                 | Not measurable      |                                                                                                      |
| 8/13/2020     | 1                                 | 11                                | 10                                | Not measurable      |                                                                                                      |
| 8/19/2020     | 0                                 | 7                                 | 6                                 | Not measurable      |                                                                                                      |
| 8/26/2020     | 0                                 | 10                                | 9                                 | Not measurable      |                                                                                                      |
| 9/2/2020      | 43                                | 37                                | 38                                | Not measurable      | Sumps 1, 2, & 3 pumped down (September 1); Sheen visible in B99/B100 sump & B107/B108 sump           |
| 9/9/2020      | 28                                | 37                                | 36                                | Not measurable      | Sheen visible in B107/B108 sump                                                                      |
| 9/15/2020     | 1                                 | 35                                | 33                                | Not measurable      |                                                                                                      |
| 9/23/2020     | 0                                 | 0                                 | 0                                 | Not measurable      |                                                                                                      |
| 9/30/2020     | 1                                 | 10                                | 9                                 | Not measurable      |                                                                                                      |
| 10/8/2020     | 4                                 | 12                                | 11.5                              | Not measurable      |                                                                                                      |
| 10/15/2020    | 0                                 | 11                                | 10.5                              | Not measurable      | Less than 0.1 gal of DNAPL recovered B107/B108 sump                                                  |
| 10/21/2020    | 1                                 | 10.5                              | 9.25                              | Not measurable      |                                                                                                      |
| 10/28/2020    | 0                                 | 11                                | 10                                | Not measurable      |                                                                                                      |
| 11/4/2020     | 9                                 | 13                                | 12                                | Not measurable      |                                                                                                      |
| 11/11/2020    | 0.5                               | 12                                | 11                                | Not measurable      |                                                                                                      |
| 11/18/2020    | 3.5                               | 13                                | 12                                | Not measurable      |                                                                                                      |
| 11/24/2020    | 7                                 | 14                                | 13.5                              | Not measurable      |                                                                                                      |
| 11/30/2020    | 2                                 | 7                                 | 6                                 | Not measurable      |                                                                                                      |
| 12/10/2020    | 5                                 | 10.5                              | 10                                | Not measurable      |                                                                                                      |

**TABLE 1**  
**NAPL Measurements - NAPL Collection System - Englewood Intermodal Yard**  
**UPRR Houston, tx - Wood Preserving Works**

| Measured Date | Sump 1<br>(B099/B100)<br>Freeboard<br>(in) | Sump 2<br>(B103/B104)<br>Freeboard<br>(in) | Sump 3<br>(B107/B108)<br>Freeboard<br>(in) | Depth to DNAPL<br>(in) | Comments                                                                                                |
|---------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------|
| 12/18/2020    | 4                                          | 10                                         | 9                                          | Not measurable         |                                                                                                         |
| 12/23/2020    | 1                                          | 9                                          | 7.5                                        | Not measurable         |                                                                                                         |
| 12/31/2020    | 0                                          | 4                                          | 3.5                                        | Not measurable         |                                                                                                         |
| 1/6/2021      | 4                                          | 10.5                                       | 9                                          | Not measurable         |                                                                                                         |
| 1/15/2021     | 43                                         | 39                                         | 37.5                                       | Not measurable         | Sumps 1, 2, & 3 pumped down                                                                             |
| 1/22/2021     | 0                                          | 34                                         | 33                                         | Not measurable         | Sheen visible in B107/B108 sump                                                                         |
| 1/29/2021     | 2                                          | 31                                         | 30                                         | Not measurable         | Sheen visible in B107/B108 sump                                                                         |
| 2/4/2021      | 4                                          | 30                                         | 29.5                                       | Not measurable         | Sheen visible in B099/B100 sump                                                                         |
| 2/10/2021     | 0                                          | 27                                         | 25.5                                       | Not measurable         |                                                                                                         |
| 2/17/2021     | 0                                          | 0                                          | 0                                          | Not measurable         |                                                                                                         |
| 2/24/2021     | 2                                          | 10                                         | 9.5                                        | Not measurable         |                                                                                                         |
| 3/2/2021      | 0                                          | 0                                          | 0                                          | Not measurable         |                                                                                                         |
| 3/10/2021     | 0                                          | 10                                         | 9.75                                       | Not measurable         |                                                                                                         |
| 3/17/2021     | 0                                          | 2                                          | 1                                          | Not measurable         |                                                                                                         |
| 3/24/2021     | 0                                          | 3.5                                        | 2                                          | Not measurable         |                                                                                                         |
| 3/31/2021     | 0                                          | 6.5                                        | 7                                          | Not measurable         |                                                                                                         |
| 4/8/2021      | 0                                          | 7.5                                        | 7                                          | Not measurable         |                                                                                                         |
| 4/14/2021     | 0                                          | 6.5                                        | 6                                          | Not measurable         | Less than 0.1 gal of DNAPL recovered B107/B108 sump; Sheen visible in B103/104 and B107/B108 sumps      |
| 4/21/2021     | 0.5                                        | 9                                          | 8.5                                        | Not measurable         |                                                                                                         |
| 4/28/2021     | 0                                          | 8.5                                        | 8                                          | Not measurable         |                                                                                                         |
| 5/5/2021      | 0                                          | 7.5                                        | 7                                          | Not measurable         |                                                                                                         |
| 5/12/2021     | 0                                          | 8                                          | 7.5                                        | Not measurable         |                                                                                                         |
| 5/19/2021     | 0                                          | 0                                          | 0                                          | Not measurable         |                                                                                                         |
| 5/26/2021     | 0                                          | 2                                          | 0.5                                        | Not measurable         |                                                                                                         |
| 5/27/2021     | 41                                         | 32                                         | 26                                         | Not measurable         | Sumps 1, 2, & 3 pumped down                                                                             |
| 6/2/2021      | 0                                          | 40                                         | 38                                         | Not measurable         | Sheen visible in B107/108 sump                                                                          |
| 6/9/2021      | 0                                          | 30                                         | 28.5                                       | Not measurable         |                                                                                                         |
| 6/16/2021     | 0                                          | 24                                         | 25                                         | Not measurable         |                                                                                                         |
| 6/23/2021     | 0                                          | 12                                         | 13                                         | Not measurable         |                                                                                                         |
| 6/30/2021     | 0                                          | 3                                          | 1                                          | Not measurable         |                                                                                                         |
| 7/7/2021      | 0                                          | 0                                          | 0                                          | Not measurable         |                                                                                                         |
| 7/14/2021     | 0                                          | 0                                          | 0                                          | Not measurable         | Sumps 1,2, & 3 pumped down (July 15)                                                                    |
| 7/21/2021     | 0                                          | 39                                         | 37                                         | Not measurable         |                                                                                                         |
| 7/29/2021     | 0                                          | 37                                         | 35.5                                       | Not measurable         |                                                                                                         |
| 8/4/2021      | 0                                          | 36                                         | 34                                         | Not measurable         | Sheen visible in B103/104 and B107/B108 sumps                                                           |
| 8/11/2021     | 0                                          | 33                                         | 32                                         | Not Measured           | Depth to DNAPL measurements were not taken; the interface probe was not functioning properly            |
| 8/18/2021     | 0                                          | 25                                         | 23                                         | Not measurable         |                                                                                                         |
| 8/25/2021     | 0                                          | 20                                         | 22                                         | Not measurable         |                                                                                                         |
| 9/1/2021      | 0                                          | 20                                         | 17                                         | Not measurable         |                                                                                                         |
| 9/8/2021      | 3                                          | 14                                         | 11                                         | Not measurable         |                                                                                                         |
| 9/15/2021     | 0                                          | 3                                          | 4                                          | Not measurable         | Sumps 1,2, & 3 pumped down (September 17)                                                               |
| 9/22/2021     | 31.5                                       | 46                                         | 46                                         | Not measurable         | Sheen visible in B107/B108 sump                                                                         |
| 9/29/2021     | 0                                          | 29                                         | 30.75                                      | Not measurable         | Sheen visible in B103/104 and B107/B108 sumps                                                           |
| 10/7/2021     | 6                                          | 18                                         | 17.5                                       | Not measurable         |                                                                                                         |
| 10/13/2021    | 3.6                                        | 10.56                                      | 9.72                                       | Not measurable         | Sheen visible in B103/104 and B107/B108 sumps; brown discoloration and slight odor noted B099/B100 sump |
| 10/20/2021    | 0                                          | 13.94                                      | 12.6                                       | Not measurable         | Sumps 1,2, & 3 pumped down (October 21)                                                                 |
| 10/27/2021    | 0                                          | 22                                         | 21                                         | Not measurable         | Sheen visible in B099/B100 sump                                                                         |
| 11/3/2021     | 10                                         | 20                                         | 21                                         | Not measurable         |                                                                                                         |
| 11/10/2021    | 12                                         | 16                                         | 15                                         | Not measurable         |                                                                                                         |
| 11/17/2021    | 8                                          | 16                                         | 15                                         | Not measurable         |                                                                                                         |
| 11/24/2021    | 7                                          | 14                                         | 13                                         | Not measurable         |                                                                                                         |
| 12/1/2021     | 7                                          | 15                                         | 14                                         | Not measurable         |                                                                                                         |
| 12/8/2021     | 6                                          | 12.5                                       | 12                                         | Not measurable         |                                                                                                         |
| 12/15/2021    | 7                                          | 15                                         | 15                                         | Not measurable         |                                                                                                         |
| 12/22/2021    | -                                          | -                                          | -                                          | Not Measured           | Partial site inspection conducted 12/22/21; Sump measurements were not taken                            |
| 12/29/2021    | 0                                          | 11.5                                       | 11                                         | Not measurable         |                                                                                                         |
| 1/5/2022      | 8.75                                       | 13.5                                       | 12.25                                      | Not measurable         |                                                                                                         |
| 1/12/2022     | 6                                          | 12                                         | 12                                         | Not measurable         |                                                                                                         |
| 1/19/2022     | 13.5                                       | 17                                         | 16                                         | Not measurable         | Sheen visible in B099/B100 sump                                                                         |
| 1/27/2022     | 3                                          | 9                                          | 9                                          | Not measurable         |                                                                                                         |
| 2/2/2022      | -                                          | -                                          | -                                          | Not Measured           | Measurements were not taken; the inspector was unable to open the sumps                                 |
| 2/9/2022      | 9                                          | 15                                         | 15                                         | Not measurable         |                                                                                                         |
| 2/16/2022     | 8.5                                        | 17                                         | 16                                         | Not measurable         |                                                                                                         |
| 2/23/2022     | 5.5                                        | 14                                         | 13.5                                       | Not measurable         |                                                                                                         |
| 3/2/2022      | 5.5                                        | 15                                         | 14                                         | Not measurable         |                                                                                                         |
| 3/9/2022      | 4.5                                        | 7                                          | 6                                          | Not measurable         |                                                                                                         |
| 3/16/2022     | 48                                         | 36                                         | 45                                         | Not measurable         | Sumps 1, 2, & 3 pumped down during inspection; less than 0.5 gal of DNAPL recovered B107/B108 sump      |
| 3/23/2022     | 6                                          | 29                                         | 28                                         | Not measurable         |                                                                                                         |
| 3/30/2022     | 5.5                                        | 28                                         | 28                                         | Not measurable         |                                                                                                         |
| 4/6/2022      | 3.5                                        | 19                                         | 18                                         | Not measurable         |                                                                                                         |

**TABLE 1**  
**NAPL Measurements - NAPL Collection System - Englewood Intermodal Yard**  
**UPRR Houston, tx - Wood Preserving Works**

| Measured Date | Sump 1 (B099/B100) Freeboard (in) | Sump 2 (B103/B104) Freeboard (in) | Sump 3 (B107/B108) Freeboard (in) | Depth to DNAPL (in) | Comments                                                                                                                                                                                                                                                     |
|---------------|-----------------------------------|-----------------------------------|-----------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/13/2022     | 4.5                               | 18                                | 15                                | Not measurable      | Sheen visible in B099/B100 sump                                                                                                                                                                                                                              |
| 4/20/2022     | 5                                 | 18                                | 18                                | Not measurable      | Sheen visible in B099/B100 sump                                                                                                                                                                                                                              |
| 4/27/2022     | 4.5                               | 12                                | 8.5                               | Not measurable      |                                                                                                                                                                                                                                                              |
| 5/4/2022      | 48                                | 42                                | 45                                | Not measurable      | Sumps 1, 2, & 3 pumped down during inspection; Sheen visible in B099/B100 sump                                                                                                                                                                               |
| 5/11/2022     | 16                                | 44.5                              | 44                                | Not measurable      | Sheen visible in B099/B100, B103/104, and B107/B108 sumps                                                                                                                                                                                                    |
| 5/18/2022     | 6.5                               | 45                                | 45                                | Not measurable      |                                                                                                                                                                                                                                                              |
| 5/25/2022     | 0                                 | 25                                | 24                                | Not measurable      |                                                                                                                                                                                                                                                              |
| 6/1/2022      | 5.5                               | 24                                | 24                                | Not measurable      |                                                                                                                                                                                                                                                              |
| 6/8/2022      | 5                                 | 22                                | 22                                | Not measurable      | Sheen visible in B099/B100 and B103/104 sumps                                                                                                                                                                                                                |
| 6/15/2022     | 5                                 | 25                                | 24                                | Not measurable      |                                                                                                                                                                                                                                                              |
| 6/22/2022     | 4.5                               | 24                                | 21                                | Not measurable      |                                                                                                                                                                                                                                                              |
| 6/29/2022     | 6                                 | 21                                | 21                                | Not measurable      |                                                                                                                                                                                                                                                              |
| 7/6/2022      | 5.5                               | 13                                | 13                                | Not measurable      |                                                                                                                                                                                                                                                              |
| 7/13/2022     | 5                                 | 15                                | 14                                | Not measurable      | Sheen visible in B099/B100 sump                                                                                                                                                                                                                              |
| 7/20/2022     | 51.5                              | 38                                | 43.5                              | Not measurable      | Sumps 1, 2, & 3 pumped down during inspection; less than 0.1 gal of DNAPL recovered B099/B100 sump                                                                                                                                                           |
| 7/27/2022     | 4                                 | 42                                | 40                                | Not measurable      |                                                                                                                                                                                                                                                              |
| 8/3/2022      | 5                                 | 39                                | 39                                | Not measurable      |                                                                                                                                                                                                                                                              |
| 8/10/2022     | 5.5                               | 38                                | 38                                | Not measurable      | Sheen visible in B107/B108 sump                                                                                                                                                                                                                              |
| 8/17/2022     | 5.5                               | 25.5                              | 25                                | Not measurable      |                                                                                                                                                                                                                                                              |
| 8/24/2022     | 0                                 | 0.5                               | 0                                 | Not measurable      | Inspector unable to open B099/B100 and B107/B108 sumps as there was standing water on top of the sumps due to ongoing rain event                                                                                                                             |
| 8/31/2022     | 52                                | 52                                | 48                                | Not measurable      | Sumps 1, 2, & 3 pumped down during inspection; sheen visible in B103/B104 sump                                                                                                                                                                               |
| 9/7/2022      | 3                                 | 37                                | 37                                | Not measurable      |                                                                                                                                                                                                                                                              |
| 9/14/2022     | 1                                 | 34                                | 31                                | Not measurable      | Sheen visible in B099/B100 sump                                                                                                                                                                                                                              |
| 9/21/2022     | 2.2                               | 31.5                              | 27.5                              | Not measurable      | Sheen visible in B107/B108 sump                                                                                                                                                                                                                              |
| 9/28/2022     | 3                                 | 30                                | 31                                | Not measurable      | Sheen visible in B099/B100 and B107/B108 sumps                                                                                                                                                                                                               |
| 10/5/2022     | 8                                 | 33                                | 33                                | Not measurable      | Sheen visible in B099/B100 and B107/B108 sumps                                                                                                                                                                                                               |
| 10/12/2022    | 7                                 | 32                                | 32                                | Not measurable      | Sheen visible in B099/B100 and B107/B108 sumps                                                                                                                                                                                                               |
| 10/19/2022    | 48                                | 48                                | 48                                | Not measurable      | Sumps 1, 2, & 3 pumped down during inspection; less than 0.1 gal of DNAPL recovered from B107/108 sump; small amount of DNAPL visible but not recoverable in B099/B100 sump; sheen visible in B099/B100 and B103/B104 sumps on recharge water after pumpdown |
| 10/26/2022    | 6                                 | 46                                | 45                                | Not measurable      | Sheen visible in B107/B108 sump                                                                                                                                                                                                                              |
| 11/2/2022     | 4                                 | 19                                | 19                                | Not measurable      |                                                                                                                                                                                                                                                              |
| 11/9/2022     | 6                                 | 14                                | 13                                | Not measurable      |                                                                                                                                                                                                                                                              |
| 11/16/2022    | 8                                 | 14                                | 12                                | Not measurable      |                                                                                                                                                                                                                                                              |
| 11/22/2022    | 0                                 | 0                                 | 0                                 | Not measurable      |                                                                                                                                                                                                                                                              |
| 11/30/2022    | 3                                 | 10                                | 9                                 | Not measurable      | Very slight sheen visible in Sumps 1, 2, and 3; less than 0.2 gal of DNAPL recovered from B107/108 sump                                                                                                                                                      |
| 12/7/2022     | 4                                 | 13.5                              | 13                                | Not measurable      |                                                                                                                                                                                                                                                              |
| 12/14/2022    | 0                                 | 0                                 | 0                                 | Not measurable      | Replaced dipper tool with hoe for NAPL recovery from sumps. Less than 0.4 gal of DNAPL recovered from B099/B100 sump; approximately 0.1 gal of DNAPL recovered from B107/B108 sump                                                                           |
| 12/21/2022    | 4                                 | 8                                 | 7                                 | Not measurable      |                                                                                                                                                                                                                                                              |
| 12/28/2022    | 16                                | 14                                | 14                                | Not measurable      |                                                                                                                                                                                                                                                              |
| 1/4/2023      | 3.5                               | 7.5                               | 6                                 | Not measurable      |                                                                                                                                                                                                                                                              |
| 1/11/2023     | 12                                | 12                                | 3                                 | Not measurable      |                                                                                                                                                                                                                                                              |
| 1/18/2023     | 3                                 | 13                                | 13                                | Not measurable      |                                                                                                                                                                                                                                                              |
| 1/25/2023     | 3                                 | 6                                 | 5                                 | Not measurable      |                                                                                                                                                                                                                                                              |
| 2/1/2023      | <1                                | 1                                 | <1                                | Not measurable      |                                                                                                                                                                                                                                                              |
| 2/8/2023      | 5                                 | 13                                | 12                                | Not measurable      |                                                                                                                                                                                                                                                              |
| 2/15/2023     | <1                                | 2                                 | 2.5                               | Not measurable      | Sumps B099/B100, B103/B104, and B107/B108 pumped down during inspection                                                                                                                                                                                      |
| 2/22/2023     | 32                                | 42                                | 43                                | Not measurable      | Sheen visible in B099/B100, B103/B104, and B107/B108 sumps; water in B099/B100 noted as brown color with high turbidity                                                                                                                                      |
| 3/1/2023      | 9                                 | 41                                | 40                                | Not measurable      | Sheen visible in B099/B100, B103/B104, and B107/B108 sumps, water color in sumps noted as brown                                                                                                                                                              |
| 3/8/2023      | 5                                 | 42                                | 41                                | Not measurable      | B099/B100 & B103/B104 light brown color                                                                                                                                                                                                                      |
| 3/15/2023     | 4                                 | 42                                | 41                                | Not measurable      | B099/B100 and B013/B104 brown color; B107/B108 very light brown color                                                                                                                                                                                        |
| 3/22/2023     | 8                                 | 26.5                              | 25.5                              | Not measurable      | B099/B100 light brown color                                                                                                                                                                                                                                  |
| 3/29/2023     | 3                                 | 24                                | 25                                | Not measurable      | B099/B100 light brown color                                                                                                                                                                                                                                  |
| 4/5/2023      | 2.5                               | 25                                | 25                                | Not measurable      | B099/B100 light brown color                                                                                                                                                                                                                                  |
| 4/12/2023     | 4                                 | 12                                | 14                                | Not measurable      | All three sumps pumped down during inspection, B099/B100 brown color                                                                                                                                                                                         |
| 4/19/2023     | 5                                 | 42                                | 42                                | Not measurable      | Sheen visible in B107/B108 sump                                                                                                                                                                                                                              |
| 4/26/2023     | 4                                 | 31.5                              | 31.5                              | Not measurable      | Sheen visible in B107/B108 sump                                                                                                                                                                                                                              |
| 5/3/2023      | 3                                 | 18                                | 17.5                              | Not measurable      |                                                                                                                                                                                                                                                              |
| 5/10/2023     | 0                                 | 1.5                               | 0                                 | Not measurable      | Sheen visible in B107/B108 sump                                                                                                                                                                                                                              |
| 5/17/2023     | 0                                 | 2                                 | 0                                 | Not measurable      | Sheen visible in B107/B108 sump                                                                                                                                                                                                                              |
| 5/24/2023     | 2                                 | 14                                | 13                                | Not measurable      | Pumpdown and boom swap.                                                                                                                                                                                                                                      |
| 5/31/2023     | 28                                | 50                                | 49                                | Not measurable      | B099/B100 water color brown. B103/B104 and B107/B108 water color light brown.                                                                                                                                                                                |
| 6/7/2023      | 3                                 | 38                                | 37                                | Not measurable      | Sheen visible in all Sumps. B099/B0100 water color brown and, light brown on both B103/B104 and B107/B108.                                                                                                                                                   |
| 6/14/2023     | 4                                 | 38                                | 37                                | Not measurable      | Sheen Visible in B099/B100 & B107/B108. water color brown on B099/B100 & light brown in all other sumps.                                                                                                                                                     |

**TABLE 1**  
**NAPL Measurements - NAPL Collection System - Englewood Intermodal Yard**  
**UPRR Houston, tx - Wood Preserving Works**

| Measured Date | Sump 1<br>(B099/B100)<br>Freeboard<br>(in) | Sump 2<br>(B103/B104)<br>Freeboard<br>(in) | Sump 3<br>(B107/B108)<br>Freeboard<br>(in) | Depth to DNAPL<br>(in) | Comments                                                                                                                                                                 |
|---------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6/21/2023     | 3                                          | 36                                         | 37                                         | Not measurable         | Sheen Visible in B107/B108. water color brown on B099/B100 & light brown in all other sumps.                                                                             |
| 6/28/2023     | 3                                          | 31                                         | 31                                         | Not measurable         | Sheen Visible in B099/B100 & B107/B108. water color dark brown on B099/B100 & B107/B108, light brown in B103/B104.                                                       |
| 7/12/2023     | 3                                          | 20                                         | 19                                         | Not measurable         | Sheen Visible in B099/B100 and B107/B108. Water color brown on B099/B100, light brown in B103/B104.                                                                      |
| 7/19/2023     | 3                                          | 19                                         | 19                                         | Not measurable         | Sheen Visible on B099/B100 and B107/B108. Water color brown on B099/B100 and clear on B103/B104 and B107/B108.                                                           |
| 7/26/2023     | 3                                          | 21                                         | 20                                         | Not measurable         | Sheen Visible on B099/B100 and B107/B108. Water color brown on B099/B100, light brown on B103/B104, and clear on B107/B108.                                              |
| 8/2/2023      | 0                                          | 16.5                                       | 15.5                                       | Not measurable         | Sheen Visible on B107/B108. Water color dark brown on B099/B100, light brown on B103/B104, and clear on B107/B108. Pumpdown conducted 8/4/2023.                          |
| 8/9/2023      | 42                                         | 47                                         | 47                                         | Not measurable         | Sheen Visible on B099/B100 and B107/B108. Water color brown on B099/B100, light brown on B103/B104, and clear on B107/B108.                                              |
| 8/16/2023     | 38.5                                       | 47                                         | 47                                         | Not measurable         | Sheen Visible on B099/B100 and B107/B108. Water color brown on B099/B100 and light brown on B103/B104 and B107/B108.                                                     |
| 8/23/2023     | 33                                         | 46                                         | 46                                         | Not measurable         | Sheen visible in all Sumps. B099/B100 water color dark brown and, light brown on both B103/B104 and B107/B108.                                                           |
| 8/30/2023     | 33                                         | 46                                         | 44                                         | Not measurable         | Sheen visible in all Sumps. B099/B100 water color dark brown and, light brown on both B103/B104 and B107/B108.                                                           |
| 9/6/2023      | 1                                          | 38                                         | 38                                         | Not measurable         | Sheen visible in all Sumps. B099/B100 water color light brown, and clear on both B103/B104 and B107/B108.                                                                |
| 9/13/2023     | 0                                          | 33                                         | 33                                         | Not measurable         | Sheen Visible on B099/B100 and B107/B108. Water color brown on B099/B100 and clear on B103/B104 and B107/B108. Pumpdown conducted 9/15/2023.                             |
| 9/20/2023     | 14                                         | 41                                         | 40                                         | Not measurable         | Sheen Visible on B099/B100 and B107/B108. Water color brown on B099/B100 and light brown on B103/B104 and B107/B108.                                                     |
| 9/27/2023     | 0.5                                        | 33                                         | 34                                         | Not measurable         | Sheen Visible on B099/B100 and B107/B108. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                     |
| 10/4/2023     | 0                                          | 0                                          | 0                                          | Not measurable         | No sheen visible in all sumps. Water color brown on B099/B100 and light brown on B103/B104 and B107/B108. Heavy rains all week filled up sumps.                          |
| 10/11/2023    | 0                                          | 0                                          | 0                                          | Not measurable         | Sheen visible on B103/B104. B099/B100 water color light brown, clear on B103/B104 and B107/B108. Heavy rains in the week filled up sumps. Pumpdown conducted 10/13/2023. |
| 10/18/2023    | 46                                         | 48                                         | 47                                         | Not measurable         | Sheen visible on B099/B100 and B107/B108. Water color brown on B099/B100. Water color clear on B103/B104. Water color light brown on B107/B108.                          |
| 10/25/2023    | 39                                         | 44                                         | 43                                         | Not measurable         | Sheen visible on B099/B100 and B107/B108. Water color dark brown on B099/B100 and light brown on B103/B104 and B107/B108.                                                |
| 11/1/2023     | 6.5                                        | 33                                         | 33                                         | Not measurable         | Sheen visible on B099/B100 and B107/B108. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                     |
| 11/8/2023     | 12                                         | 34                                         | 33                                         | Not measurable         | Sheen visible on B099/B100. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                                   |
| 11/15/2023    | 2                                          | 6                                          | 5.5                                        | Not measurable         | No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                        |
| 11/22/2023    | 7                                          | 13                                         | 12                                         | Not measurable         | No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                        |
| 11/29/2023    | 5.5                                        | 10                                         | 9.5                                        | Not measurable         | No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                        |
| 12/6/2023     | 8                                          | 14                                         | 14                                         | Not measurable         | No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                        |
| 12/13/2023    | 5                                          | 10                                         | 9.5                                        | Not measurable         | No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                        |
| 12/20/2023    | 5                                          | 10                                         | 9                                          | Not measurable         | No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                        |
| 12/27/2023    | 6                                          | 13                                         | 11                                         | Not measurable         | No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                        |
| 1/3/2024      | 0                                          | 0                                          | 0                                          | Not measurable         | No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                        |
| 1/10/2024     | 5                                          | 10                                         | 9.5                                        | Not measurable         | No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                        |
| 1/17/2024     | 12                                         | 15.5                                       | 15                                         | Not measurable         | No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                        |
| 1/24/2024     | 0                                          | 0                                          | 0                                          | Not measurable         | No sheen observed in any of the sumps. Water color clear in all sumps.                                                                                                   |
| 1/31/2024     | 2                                          | 9.5                                        | 9                                          | Not measurable         | No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                        |
| 2/7/2024      | 2                                          | 18                                         | 16                                         | Not measurable         | No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                        |
| 2/14/2024     | 6                                          | 18                                         | 18                                         | Not measurable         | No sheen observed in any of the sumps. Water color clear on B099/B100, B103/B104 and B107/B108.                                                                          |
| 2/21/2024     | 6                                          | 14                                         | 13                                         | Not measurable         | No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                        |
| 2/28/2024     | 4                                          | 14                                         | 15                                         | Not measurable         | No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                        |
| 3/6/2024      | 4                                          | 15                                         | 15                                         | Not measurable         | No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                        |

**TABLE 1**  
**NAPL Measurements - NAPL Collection System - Englewood Intermodal Yard**  
**UPRR Houston, tx - Wood Preserving Works**

| Measured Date | Sump 1<br>(B099/B100)<br>Freeboard<br>(in) | Sump 2<br>(B103/B104)<br>Freeboard<br>(in) | Sump 3<br>(B107/B108)<br>Freeboard<br>(in) | Depth to DNAPL<br>(in) | Comments                                                                                                                                                                               |
|---------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3/13/2024     | 0                                          | 11                                         | 11                                         | Not measurable         | No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                                      |
| 3/20/2024     | 0                                          | 7.5                                        | 7.5                                        | Not measurable         | No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                                      |
| 3/27/2024     | 0                                          | 7                                          | 6                                          | Not measurable         | No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108. Some DNAPL (1.5 inches) was recovered from the bottom of Sump 1.     |
| 4/3/2024      | 0                                          | 10                                         | 10                                         | Not measurable         | No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108. Some DNAPL (3 cubic inches) was recovered from the bottom of Sump 1. |
| 4/10/2024     | 0                                          | 0                                          | 0                                          | Not measurable         | No sheen observed in any of the sumps. Water color brown on B099/B100 and clear on B103/B104 and B107/B108.                                                                            |
| 4/17/2024     | 0                                          | 10                                         | 9.5                                        | Not measurable         | No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                                      |
| 4/24/2024     | 2.5                                        | 12                                         | 11                                         | Not measurable         | Sheen visible on B099/B100. Water color brown on B099/B100 and clear on B103/B104 and B107/B108. Pumpdown conducted 4/26/2024.                                                         |
| 5/1/2024      | 9                                          | 20                                         | 21                                         | Not measurable         | No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                                      |
| 5/8/2024      | 1                                          | 23                                         | 22                                         | Not measurable         | Sheen visible on B099/B100. Water color brown on B099/B100 and light brown on B103/B104 and clear on B107/B108.                                                                        |
| 5/15/2024     | 0                                          | 20                                         | 21                                         | Not measurable         | No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.                                                                      |
| 5/22/2024     | -                                          | -                                          | -                                          | Not Measured           | Freeboard not measured on 5/22/2024 due to the ongoing excavations as part of the Interim Measures Work Plan Construction Activities.                                                  |
| 5/29/2024     | 0                                          | 19.5                                       | 19                                         | Not measurable         | No sheen observed in any of the sumps. Water color brown on B099/B100 and clear on B103/B104 and B107/B108.                                                                            |
| 6/5/2024      | Not measurable                             | Not measurable                             | 13                                         | Not measurable         | Sumps B099/B100 and B103/B104 could not be opened due to ongoing excavation. No sheen observed in any of the sumps. Water color was clear to cloudy by B107/B108.                      |
| 6/12/2024     | 0                                          | 13                                         | 13                                         | Not measurable         | No sheen observed in any of the sumps. Water color was brown to cloudy by B099/B100, clear to cloudy by B103/B104, and clear by B107/B108.                                             |
| 6/19/2024     | 0                                          | 13                                         | 13                                         | Not measurable         | Sheen observed at B099/B100 and B107/B108. Water color was dark brown by B099/B100 and clear by B103/B104 and B107/B108.                                                               |
| 6/26/2024     | 2.5                                        | 10.5                                       | 10                                         | Not measurable         | Sheen observed at B099/B100. Water color was brown to cloudy by B099/B100 and clear by B103/B104 and B107/B108.                                                                        |
| 7/3/2024      | 23                                         | 43                                         | 42                                         | Not measurable         | Dark brown water color and sheen observed at B099/B100. Brown water color and no sheen observed at B103/B104. Brown water color and sheen observed at B107/B108.                       |
| 7/10/2024     | 13                                         | 35                                         | 34                                         | Not measurable         | Light brown water color and sheen observed at B099/B100. Brown water color and no sheen observed at B103/B104 and B107/B108.                                                           |
| 7/17/2024     | 9                                          | 39                                         | 38                                         | Not measurable         | Light brown water color observed at all three sump systems. Sheen observed at B099/B100, 3 cubic in NAPL recovered from sump. No sheen observed at B103/B104 and B107/B108.            |
| 7/24/2024     | 0                                          | 36                                         | 36                                         | Not measurable         | Light brown water color observed at all three sump systems. Sheen observed at B103/B104. No sheen observed at B099/B100 and B107/B108.                                                 |
| 7/31/2024     | 45                                         | 45                                         | 45                                         | Not measurable         | Brown water color and sheen observed at B099/B100. Light brown water color and no sheen observed at B103/B104 and B107/B108.                                                           |
| 8/7/2024      | 23                                         | 32                                         | 32                                         | Not measurable         | Brown water color and no sheen observed at B099/B100. Brown/cloudy water color and no sheen observed at B103/B104 and B107/B108.                                                       |
| 8/14/2024     | 24                                         | 42.5                                       | 41.5                                       | Not measurable         | Brown water color and sheen observed at B099/B100. Gray water color and no sheen observed at B103/B104. Light brown and no sheen observed at B107/B108.                                |
| 8/21/2024     | 22.5                                       | 42.5                                       | 41.5                                       | Not measurable         | Brown water color and no sheen observed at B099/B100, B103/B104 and at B107/B108.                                                                                                      |
| 8/28/2024     | 20                                         | 42                                         | 41.5                                       | Not measurable         | Tan water color and sheen observed at B099/B100. Brown water color and no sheen observed at B103/B104. Light brown and no sheen observed at B107/B108.                                 |
| 9/4/2024      | 8                                          | 41                                         | 40                                         | Not measurable         | Tan water color and sheen observed at B099/B100. Tan water color and no sheen observed at B103/B104 and at B107/B108.                                                                  |
| 9/4/2024      | 8                                          | 41                                         | 40                                         | Not measurable         | Tan water color and sheen observed at B099/B100. Tan water color and no sheen observed at B103/B104 and B107/B108.                                                                     |
| 9/12/2024     | 5.5                                        | 39                                         | 38.5                                       | Not measurable         | Clear water and sheen observed at B099/B100. Brown water color and no sheen observed at B103/B104 and Tan water color and no sheen observed at B107/B108.                              |
| 9/18/2024     | 7                                          | 38.5                                       | 38                                         | Not measurable         | Clear water with sheen observed at B099/B100. Brown water color and no sheen observed at B103/B104. Light brown and no sheen observed at B107/B108.                                    |
| 9/26/2024     | 9.5                                        | 40                                         | 39                                         | Not measurable         | Clear water color and sheen observed at B099/B100. Grey and turbid water with no sheen observed at B103/B104 and brownish water with no sheen observed at B107/B108.                   |
| 10/2/2024     | 11.5                                       | 36.5                                       | 36                                         | Not measurable         | Clear water color and no sheen observed at B099/B100. Tan water color with no sheen observed at B103/B104. Brown water with no sheen observed at B107/B108.                            |
| 10/9/2024     | 10                                         | 37                                         | 36                                         | Not measurable         | Clear water color and sheen observed at B099/B100. Clear water color with no sheen observed at B103/B104. Clear water with no sheen observed at B107/B108.                             |
| 10/16/2024    | 12                                         | 38                                         | 36                                         | Not measurable         | Clear water color and sheen observed at B099/B100. Clear water color with no sheen observed at B103/B104. Clear water with no sheen observed at B107/B108.                             |
| 10/24/2024    | 14                                         | 41                                         | 40                                         | Not measurable         | Light brown water color and sheen observed at B099/B100. Light brown water color with no sheen observed at B103/B104. Brown water with no sheen observed at B107/B108.                 |
| 10/30/2024    | 4                                          | 37.5                                       | 37                                         | Not measurable         | Turbid tan water color with no sheen observed at B099/B100. Turbid tan water color with no sheen observed at B103/B104. Clear water with no sheen observed at B107/B108.               |
| 11/6/2024     | 2.5                                        | 32                                         | 31                                         | Not measurable         | Clear water color and sheen observed at B099/B100. Clear water color with no sheen observed at B103/B104. Clear water with no sheen observed at B107/B108.                             |

**TABLE 1**  
**NAPL Measurements - NAPL Collection System - Englewood Intermodal Yard**  
**UPRR Houston, tx - Wood Preserving Works**

| Measured Date | Sump 1<br>(B099/B100)<br>Freeboard<br>(in) | Sump 2<br>(B103/B104)<br>Freeboard<br>(in) | Sump 3<br>(B107/B108)<br>Freeboard<br>(in) | Depth to DNAPL<br>(in) | Comments                                                                                                                                                                                                                 |
|---------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11/13/2024    | 5                                          | 32.5                                       | 32                                         | Not measurable         | Clear water color and sheen observed at B099/B100. Clear water color with no sheen observed at B103/B104. Clear water with no sheen observed at B107/B108.                                                               |
| 11/20/2024    | 3.5                                        | 34                                         | 34                                         | Not measurable         | Sump pumpdown on Nov 15. Clear water color and sheen observed at B099/B100. Clear water color with no sheen observed at B103/B104. Clear water with no sheen observed at B107/B108.                                      |
| 11/27/2024    | 8                                          | 34.5                                       | 34                                         | Not measurable         | Clear water color and sheen observed at B099/B100. Clear water color with no sheen observed at B103/B104. Clear water with no sheen observed at B107/B108.                                                               |
| 12/4/2024     | 10                                         | 35                                         | 33.5                                       | Not measurable         | Clear water color and sheen observed at B099/B100. Clear water color and sheen observed at B103/B104. Clear water with no sheen observed at B107/B108.                                                                   |
| 12/11/2024    | 4                                          | 26                                         | 26                                         | Not measurable         | Clear water color and sheen observed at B099/B100. Clear water color with no sheen observed at B103/B104. Clear water with no sheen observed at B107/B108.                                                               |
| 12/18/2024    | 5                                          | 23                                         | 22                                         | Not measurable         | Clear water color and sheen observed at B099/B100. Clear water color with no sheen observed at B103/B104. Clear water with no sheen observed at B107/B108.                                                               |
| 12/23/2024    | 4.5                                        | 23.5                                       | 22.5                                       | Not measurable         | Clear water color with no sheen observed at B099/B100. Clear water color with no sheen observed at B103/B104. Clear water with no sheen observed at B107/B108.                                                           |
| 12/27/2025    | 2                                          | 12                                         | 11.5                                       | Not measurable         | Clear water color and sheen observed at B099/B100. Clear water color with no sheen observed at B103/B104. Clear water with no sheen observed at B107/B108.                                                               |
| 1/3/2025      | 4.5                                        | 12                                         | 12                                         | Not measurable         | Clear water color and sheen observed at B099/B100. Clear water color with no sheen observed at B103/B104. Clear water with no sheen observed at B107/B108.                                                               |
| 1/8/2025      | 6                                          | 10.5                                       | 11                                         | Not measurable         | Clear water color and sheen observed at B099/B100. Clear water color with no sheen observed at B103/B104. Clear water with no sheen observed at B107/B108.                                                               |
| 1/15/2025     | 0                                          | 0                                          | 0                                          | Not measurable         | Clear water color with no sheen observed at B099/B100. Clear water color with no sheen observed at B103/B104. Clear water with no sheen observed at B107/B108. Due to extended rain events all sumps were full of water. |
| 1/22/2025     | 1.5                                        | 4                                          | 3.5                                        | Not measurable         | Clear water color with no sheen observed at B099/B100. Clear water color with no sheen observed at B103/B104. Clear water with no sheen observed at B107/B108.                                                           |
| 1/29/2025     | 0                                          | 0                                          | 0                                          | Not measurable         | Clear water color and sheen observed at B099/B100. Clear water color with no sheen observed at B103/B104. Clear water color and sheen observed at B107/B108. Due to extended rain events all sumps were full of water.   |
| 2/5/2025      | 9                                          | 8.5                                        | 1                                          | Not measurable         | No sheen observed at B099/B100, B103/B104, and B107/B108. Water color tan in B103/B104 and clear in B099/B100 and B107/B108.                                                                                             |
| 2/12/2025     | 0                                          | 0                                          | 0                                          | Not measurable         | No sheen observed at B099/B100, B103/B104, and B107/B108. Water color clear in B099/B100, brown in B103/B104, and tan in B107/B108. Due to extended rain events all sumps were full of water.                            |
| 2/19/2025     | 1                                          | 3                                          | 2.5                                        | Not measurable         | Clear water color with no sheen observed at B099/B100, B103/B104, and B107/B108.                                                                                                                                         |
| 2/26/2025     | 1.5                                        | 5                                          | 4.5                                        | Not measurable         | Clear water color with no sheen observed at B099/B100, B103/B104, and B107/B108.                                                                                                                                         |
| 3/5/2025      | 1.75                                       | 4.75                                       | 3.5                                        | Not measurable         | No sheen observed at B099/B100, B103/B104, and B107/B108. Water color tan in B099/B100 and B103/B104 and clear in B107/B108.                                                                                             |
| 3/12/2025     | 2.25                                       | 11                                         | 10                                         | Not measurable         | No sheen observed at B099/B100, B103/B104, and B107/B108. Water color tan in B099/B100 and B103/B104 and clear in B107/B108.                                                                                             |
| 3/19/2025     | 1.5                                        | 9                                          | 10                                         | Not measurable         | No sheen observed at B099/B100, B103/B104, and B107/B108. Water color tan in B103/B104 and clear in B099/B100 and B107/B108.                                                                                             |
| 3/26/2025     | 2                                          | 7                                          | 6.5                                        | Not measurable         | No sheen observed at B099/B100, B103/B104, and B107/B108. Water color tan in B103/B104 and clear in B099/B100 and B107/B108.                                                                                             |
| 4/2/2025      | 0                                          | 7.5                                        | 7                                          | Not measurable         | No sheen observed at B099/B100, B103/B104, and B107/B108. Water color tan in B103/B104 and clear in B099/B100 and B107/B108.                                                                                             |
| 4/9/2025      | 27                                         | 36                                         | 35                                         | Not measurable         | Sump pumpdown on Apr 4. No sheen observed at B099/B100, B103/B104, and B107/B108. Water color dark brown in B099/B100, tan in B103/B104, and brown in B107/B108.                                                         |
| 4/16/2025     | 22.5                                       | 35.5                                       | 35.5                                       | Not measurable         | No sheen observed at B099/B100, B103/B104, and B107/B108. Water color dark brown in B099/B100 and B103/B104, and brown in B107/B108.                                                                                     |
| 4/23/2025     | -                                          | 31                                         | 30.5                                       | Not measurable         | Water ponded over Sump 1. No sheen observed at B103/B104 and B107/B108. Water color brown in B103/B104 and B107/B108.                                                                                                    |
| 4/30/2025     | 1                                          | 28.5                                       | 29                                         | Not measurable         | Sheen only observed at B099/B100. Water color brown in B099/B100 and B103/B104 and tan in B107/B108.                                                                                                                     |
| 5/7/2025      | 0                                          | 20.9                                       | 18                                         | Not measurable         | No sheen observed. Water color tan in B099/B100, B103/B104, and B107/B108.                                                                                                                                               |
| 5/14/2025     | 0                                          | 16.5                                       | 17                                         | Not measurable         | Sheen only observed at B099/B100. Water color tan in B099/B100, B103/B104 and B107/B108.                                                                                                                                 |
| 5/21/2025     | 0                                          | 17.5                                       | 17                                         | Not measurable         | No sheen observed. Water color brown in B099/B100 and tan in B103/B104 and B107/B108.                                                                                                                                    |
| 5/28/2025     | -                                          | -                                          | -                                          | Not measured           | Not measured due to lightning standdowns.                                                                                                                                                                                |
| 6/4/2025      | 0                                          | 9.5                                        | 9                                          | Not measurable         | No sheen observed. Water color dark brown in B099/B100 and tan in B103/B104 and B107/B108.                                                                                                                               |
| 6/11/2025     | 0                                          | 0                                          | 0                                          | Not measurable         | No sheen observed. Water color brown in B099/B100 and tan in B103/B104 and B107/B108. Due to extended rain events all sumps were full of water.                                                                          |
| 6/18/2025     | 1.5                                        | 6.5                                        | 6                                          | Not measurable         | No sheen observed. Water color dark brown in B099/B100 and tan in B103/B104 and B107/B108.                                                                                                                               |
| 6/25/2025     | 0                                          | 6.5                                        | 6                                          | Not measurable         | No sheen observed. Water color brown dark brown in B099/B100 and brown in B103/B104 and B107/B108.                                                                                                                       |
| 7/2/2025      | 0                                          | 7.5                                        | 7                                          | Not measurable         | Sheen only observed at B099/B100. Water color brown in B099/B100 and clear with a brown tint in B103/B104 and B107/B108.                                                                                                 |
| 7/9/2025      | 0                                          | 3.5                                        | 3                                          | Not measurable         | Sheen only observed at B099/B100. Water color brown in B099/B100 and clear with a brown tint in B103/B104 and B107/B108.                                                                                                 |
| 7/16/2025     | 0                                          | 8.5                                        | 8                                          | Not measurable         | Sheen only observed at B099/B100. Water color brown in B099/B100 and clear in B103/B104 and B107/B108.                                                                                                                   |

**TABLE 1**  
**NAPL Measurements - NAPL Collection System - Englewood Intermodal Yard**  
**UPRR Houston, tx - Wood Preserving Works**

| Measured Date | Sump 1<br>(B099/B100)<br>Freeboard<br>(in) | Sump 2<br>(B103/B104)<br>Freeboard<br>(in) | Sump 3<br>(B107/B108)<br>Freeboard<br>(in) | Depth to DNAPL<br>(in) | Comments                                                                                                                                                                                                                    |
|---------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7/23/2025     | 1                                          | 10.5                                       | 10                                         | Not measurable         | Sheen only observed at B099/B100. Water color brown in B099/B100 and clear in B103/B104 and B107/B108.                                                                                                                      |
| 7/30/2025     | 0                                          | 9.5                                        | 9                                          | Not measurable         | Sheen only observed at B099/B100. Water color brown in B099/B100 and clear with a brown tint in B103/B104 and B107/B108.                                                                                                    |
| 8/6/2025      | 0                                          | 0.1                                        | 0.5                                        | Not measurable         | Heavy sheen and soft bottom of sump only observed at B099/B100. No indication of DNAPL from the Interphase probe. Water color brown in B099/B100 and clear in B103/B104 and B107/B108.                                      |
| 8/13/2025     | 1.5                                        | 8.5                                        | 8                                          | Not measurable         | Sheen only observed at B099/B100. Water color brown in B099/B100 and clear in B103/B104 and B107/B108.                                                                                                                      |
| 8/20/2025     | 1.5                                        | 5.5                                        | 5                                          | Not measurable         | Sheen and tar on plastic lid only observed at B099/B100. Water color brown in B099/B100 and clear in B103/B104 and B107/B108.                                                                                               |
| 8/27/2025     | 24                                         | 43                                         | 42.5                                       | Not measurable         | Sheen only observed at B099/B100. Water color brown in B099/B100 and clear with a brown tint in B103/B104 and B107/B108. Pumpdown conducted 08/21/2025. Less than 0.5 gallons of tar recovered from Sump 1 during pumpdown. |
| 9/3/2025      | 0                                          | 36                                         | 35.5                                       | Not measurable         | Sheen only observed at B099/B100. Water color brown in B099/B100 and clear in B103/B104 and B107/B108.                                                                                                                      |
| 9/10/2025     | 0                                          | 35                                         | 34.5                                       | Not measurable         | Sheen and tar on inflow protector only observed at B099/B100. Water color brown in B099/B100, clear with a brown tint in B103/B104, and clear in B107/B108.                                                                 |
| 9/17/2025     | 2.5                                        | 35                                         | 34.5                                       | Not measurable         | Sheen only observed at B099/B100. Water color brown in B099/B100 and clear with a brown tint in B103/B104 and B107/B108.                                                                                                    |
| 9/24/2025     | 0                                          | 34.5                                       | 34                                         | Not measurable         | Sheen only observed at B099/B100. Water color clear with a brown tint in B099/B100 and clear in B103/B104 and B107/B108.                                                                                                    |
| 10/1/2025     | 2                                          | 33                                         | 32.5                                       | Not measurable         | Inflow protector only replaced at B099/B100. Water color brown in B099/B100 and clear with a brown tint in B103/B104 and B107/B108.                                                                                         |
| 10/8/2025     | 3.5                                        | 33.5                                       | 33                                         | Not measurable         | Sheen and tar on inflow protector only observed at B099/B100. Water color brown in B099/B100, clear with a brown tint in B103/B104, and clear in B107/B108.                                                                 |
| 10/15/2025    | 5                                          | 33.5                                       | 33                                         | Not measurable         | Sheen and tar on inflow protector only observed at B099/B100. Water color brown in B099/B100, and clear in B103/B104 and B107/B108.                                                                                         |
| 10/22/2025    | 7                                          | 34                                         | 33                                         | Not measurable         | Sheen and tar on inflow protector only observed at B099/B100. Water color light brown in B099/B100 and in B103/B104, and clear in B107/B108.                                                                                |
| 10/29/2025    | 0                                          | 29                                         | 29                                         | Not measurable         | Sheen and tar on inflow protector only observed at B099/B100. Water color light brown in B099/B100 and in B103/B104, and clear in B107/B108.                                                                                |
| 11/5/2025     | 5                                          | 29                                         | 28.5                                       | Not measurable         | Sheen and tar on inflow protector only observed at B099/B100. Water color clear with a brown tint in B099/B100, and clear in B103/B104 and B107/B108.                                                                       |
| 11/12/2025    | 8                                          | 29.5                                       | 29                                         | Not measurable         | Sheen and tar on inflow protector only observed at B099/B100. Water color clear with a brown tint in B099/B100, and clear in B103/B104 and B107/B108.                                                                       |
| 11/19/2025    | 7                                          | 30.5                                       | 30                                         | Not measurable         | Sheen and tar on inflow protector only observed at B099/B100. Water color clear with a brown tint in B099/B100, and clear in B103/B104 and B107/B108.                                                                       |
| 11/26/2025    | 2                                          | 32                                         | 31.5                                       | Not measurable         | Sheen and tar on inflow protector only observed at B099/B100. Water color clear with a brown tint in B099/B100, and clear in B103/B104 and B107/B108.                                                                       |
| 12/3/2025     | 3                                          | 29.5                                       | 29                                         | Not measurable         | Sheen and tar on inflow protector only observed at B099/B100. Water color clear with a brown tint in B099/B100, and clear in B103/B104 and B107/B108.                                                                       |
| 12/10/2025    | 4.5                                        | 10.5                                       | 10                                         | Not measurable         | Tar on inflow protector only observed at B099/B100. Water color brown-tinted in B099/B100, clear with a slight brown tint in B103/B104, and clear in B107/B108.                                                             |
| 12/17/2025    | 0                                          | 12                                         | 11.5                                       | Not measurable         | Sheen and tar on inflow protector only observed at B099/B100. Water color brown-tinted in B099/B100, and clear in B103/B104 and B107/B108.                                                                                  |
| 12/24/2025    | 2.5                                        | 12.5                                       | 12                                         | Not measurable         | Tar on inflow protector only observed at B099/B100. Water color brown-tinted in B099/B100 and clear in B103/B104 and B107/B108.                                                                                             |
| 12/31/2025    | 5.5                                        | 13                                         | 12.5                                       | Not measurable         | Tar on inflow protector only observed at B099/B100. Water color clear with a brown tint in B099/B100, and clear in B103/B104 and B107/B108.                                                                                 |
| 1/7/2026      | 6.5                                        | 14.5                                       | 14                                         | Not measurable         | Sheen and tar on inflow protector only observed at B099/B100. Water color brown in B099/B100, light brown in B103/B104, and clear in B107/B108.                                                                             |
| 1/14/2026     | 3.6                                        | 14                                         | 13.5                                       | Not measurable         | Tar on inflow protector only observed at B099/B100. Water color light brown in B099/B100, and clear in B103/B104 and B107/B108.                                                                                             |
| 1/21/2026     | 0                                          | 0                                          | 0                                          | Not measurable         | Tar on inflow protector only observed at B099/B100. Water color light brown in B099/B100, and clear in B103/B104 and B107/B108. Due to extended rain events all sumps were full of water.                                   |
| 1/28/2026     | 3.9                                        | 10.3                                       | 9.4                                        | Not measurable         | Tar on inflow protector only observed at B099/B100. Water color clear in B099/B100, B103/B104 and B107/B108.                                                                                                                |
| 2/4/2026      | 0                                          | 0.9                                        | 0.1                                        | Not measurable         | Tar on inflow protector only observed at B099/B100. Water color light brown in B099/B100, and clear in B103/B104 and B107/B108.                                                                                             |
| 2/11/2026     | 1.9                                        | 10.5                                       | 9.3                                        | Not measurable         | Tar on inflow protector only observed at B099/B100. Water color light brown in B099/B100 and B103/B104, and clear in B107/B108.                                                                                             |
| 2/18/2026     | 0                                          | 8.7                                        | 7.7                                        | Not measurable         | Tar on inflow protector only observed at B099/B100. Water color light brown in B099/B100, and clear in B103/B104 and B107/B108.                                                                                             |
| 2/25/2026     | 2                                          | 11                                         | 10.5                                       | Not measurable         | Tar on inflow protector only observed at B099/B100. Water color light brown in B099/B100, and brown in B103/B104 and B107/B108.                                                                                             |
| 3/4/2026      | 1.3                                        | 12                                         | 11.5                                       | Not measurable         | Tar on inflow protector and sheen on water surface only observed at B099/B100. Water color light brown in B099/B100, and clear in B103/B104 and B107/B108.                                                                  |
| 3/11/2026     | 1                                          | 6                                          | 5.5                                        | Not measurable         | Tar on inflow protector and sheen on water surface only observed at B099/B100. Water color clear in B099/B100, B103/B104, and B107/B108.                                                                                    |
| 3/18/2026     | 3                                          | 10.5                                       | 10                                         | Not measurable         | Tar on inflow protector and sheen on water surface only observed at B099/B100. Water color light brown in B099/B100, and clear in B103/B104 and B107/B108.                                                                  |

**TABLE 1**  
**NAPL Measurements - NAPL Collection System - Englewood Intermodal Yard**  
**UPRR Houston, tx - Wood Preserving Works**

| Measured Date | Sump 1 (B099/B100) Freeboard (in) | Sump 2 (B103/B104) Freeboard (in) | Sump 3 (B107/B108) Freeboard (in) | Depth to DNAPL (in) | Comments                                                                                                                                                                                                         |
|---------------|-----------------------------------|-----------------------------------|-----------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3/25/2026     | 1.5                               | 11.5                              | 11                                | Not measurable      | Tar on inflow protector and sheen on water surface only observed at B099/B100. Water color light brown in B099/B100, and clear in B103/B104 and B107/B108.                                                       |
| 4/1/2026      | NM                                | 12                                | 11                                | Not measurable      | Water ponded over Sump 1. Water color clear in B103/B104 and B107/B108.                                                                                                                                          |
| 4/8/2026      | 0                                 | 9.5                               | 9                                 | Not measurable      | Tar on inflow protector and sheen on water surface only observed at B099/B100. Water color light brown in B099/B100, and clear in B103/B104 and B107/B108.                                                       |
| 4/15/2026     | 0                                 | 6.5                               | 6                                 | Not measurable      | Tar on inflow protector and sheen on water surface only observed at B099/B100. Water color brown in B099/B100, and clear in B103/B104 and B107/B108.                                                             |
| 4/22/2026     | 0                                 | 0                                 | 0                                 | Not measurable      | Tar on inflow protector and sheen on water surface only observed at B099/B100. Water color brown in B099/B100, and clear in B103/B104 and B107/B108.                                                             |
| 4/29/2026     | 0                                 | 10                                | 9.3                               | Not measurable      | Tar on inflow protector and sheen on water surface only observed at B099/B100. Water color light brown in B099/B100, B103/B104, and B107/B108.                                                                   |
| 5/6/2026      | 0                                 | 9.3                               | 8.8                               | Not measurable      | Tar on inflow protector only observed at B099/B100. Water color brown in B099/B100, and light brown in B103/B104 and B107/B108. Pumpdown conducted 05/07/2026. No tar was recovered from Sump 1 during pumpdown. |
| 5/13/2026     | 0                                 | 37.7                              | 36.9                              | Not measurable      | Tar on inflow protector and sheen on water surface only observed at B099/B100. Water color light brown in B099/B100, B103/B104, and B107/B108.                                                                   |
| 5/20/2026     | 0                                 | 30                                | 29.6                              | Not measurable      | Tar on inflow protector and sheen on water surface only observed at B099/B100. Water color light brown in B099/B100, and clear in B103/B104 and B107/B108.                                                       |
| 5/27/2026     | NM                                | 21.6                              | 21.1                              | Not measurable      | Water ponded over Sump 1. Tar on inflow protector and sheen on water surface only observed at B099/B100. Water color light brown in B099/B100, and clear in B103/B104 and B107/B108.                             |

Note:

Freeboard in sumps is measured as depth to water from top rim of sump, measured in inches

**TABLE 2**  
**NAPL Seep Detection Tracker for Weekly Cap Inspections**  
**UPRR Houston, TX - Wood Preserving Works**

| Location                                      | B108<br>(Asphalt) | B107<br>(Asphalt) | B105<br>(Asphalt)                  | B103<br>(Asphalt) | B100<br>(Asphalt)                  | B102 Center<br>(Asphalt) | B102<br>(Joint)                 | B101<br>(Asphalt)                  | B096<br>(Joint)                  | A022<br>(Asphalt)               | A021<br>(Joint)                 | A010<br>(Joint)                 | A011<br>(Asphalt)               | B056<br>(Asphalt)                | B057<br>(Asphalt)                | B042<br>(Joint)                  | Track 802<br>(Ballast) | RD-14<br>(Joint)                  | B016<br>(Asphalt)                | B013<br>(Joint) |
|-----------------------------------------------|-------------------|-------------------|------------------------------------|-------------------|------------------------------------|--------------------------|---------------------------------|------------------------------------|----------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|----------------------------------|------------------------|-----------------------------------|----------------------------------|-----------------|
| Date of Last<br>Observation of<br>Active Seep | 7/8/2020          | 5/20/2026         | 9/13/2023;<br>Removed<br>by FE-1&3 | 8/11/2021         | 4/17/2024;<br>Removed<br>by FE-1&3 | 11/5/2025                | 5/1/2024;<br>Removed<br>by FE-2 | 6/21/2023;<br>Removed<br>by FE-1&3 | 4/17/2024;<br>Removed<br>by FE-7 | 6/5/2024;<br>Removed<br>by FE-5 | 7/8/2020;<br>Removed<br>by FE-5 | 7/8/2020;<br>Removed<br>by FE-6 | 6/5/2024;<br>Removed<br>by FE-6 | 5/29/2024;<br>Removed<br>by FE-4 | 5/22/2024;<br>Removed<br>by FE-4 | 4/17/2024;<br>Removed<br>by FE-8 | 4/22/2026              | 6/12/2024;<br>Removed<br>by FE-13 | 8/28/2019;<br>Removed<br>by FE-9 | 8/17/2022       |
| 05/06/2026                                    | NP                | 1                 | NP                                 | NP                | NP                                 | NP                       | NP                              | NP                                 | NP                               | NP                              | NP                              | NP                              | NP                              | NP                               | NP                               | NP                               | NP                     | NP                                | NP                               | NP              |
| 05/13/2026                                    | NP                | 1                 | NP                                 | NP                | NP                                 | NP                       | NP                              | NP                                 | NP                               | NP                              | NP                              | NP                              | NP                              | NP                               | NP                               | NP                               | NP                     | NP                                | NP                               | NP              |
| 05/20/2026                                    | NP                | 1                 | NP                                 | NP                | NP                                 | NP                       | NP                              | NP                                 | NP                               | NP                              | NP                              | NP                              | NP                              | NP                               | NP                               | NP                               | NP                     | NP                                | NP                               | NP              |
| 05/27/2026                                    | NP                | NP                | NP                                 | NP                | NP                                 | NP                       | NP                              | NP                                 | NP                               | NP                              | NP                              | NP                              | NP                              | NP                               | NP                               | NP                               | NP                     | NP                                | NP                               | NP              |

**Notes**

NP - Seep was not present at time of weekly inspection

An active NAPL seep is noted with a 1 on the date of inspection and location of seep.

A weekly inspection in which no seeps were observed is noted with an asterisk after the date.

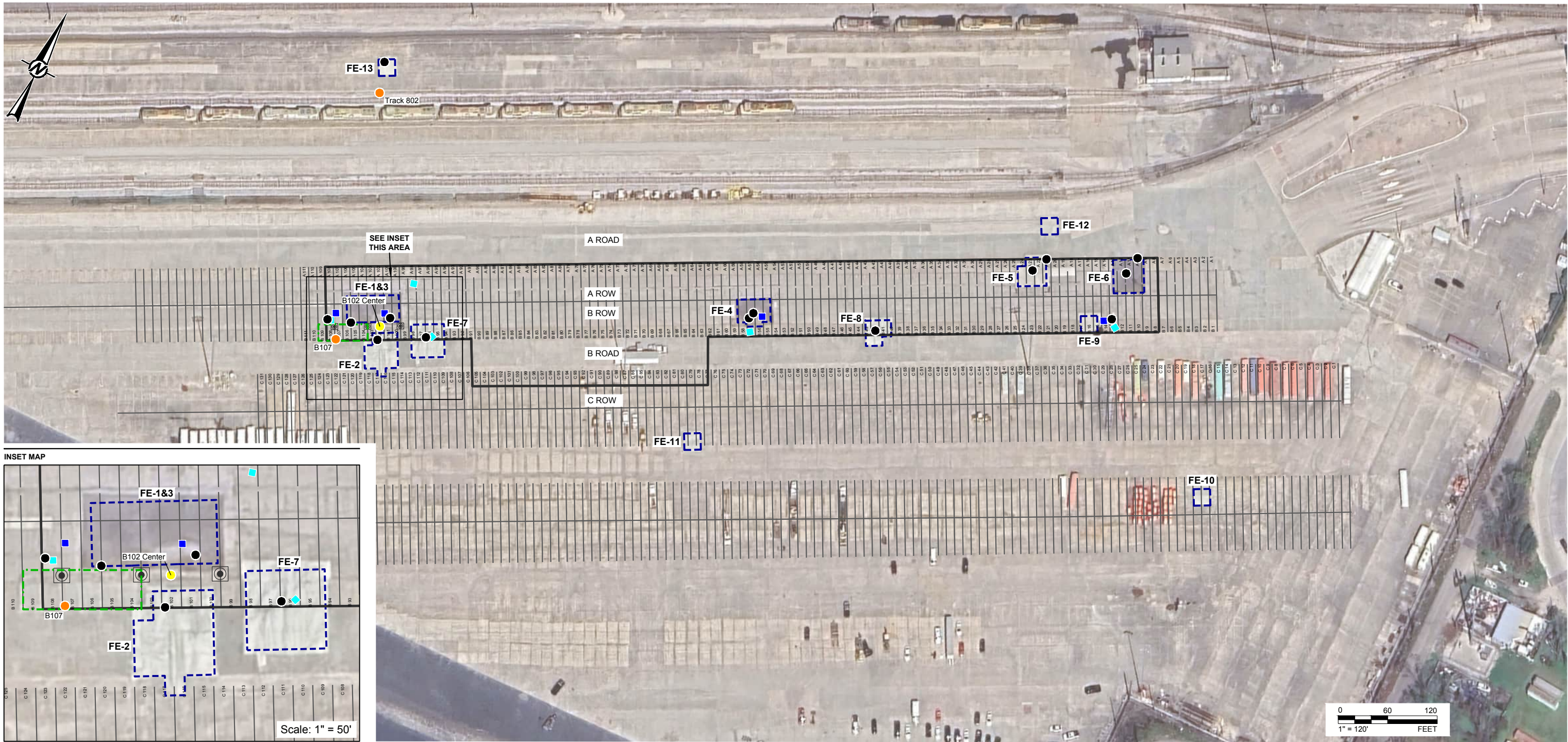
If a seep is in or adjacent to the Sump Collection System, it is highlighted in orange.

If a seep is in the vicinity of the Sump Collection System, it is highlighted in yellow.

If a seep is not in the vicinity of the Sump Collection System, it is highlighted in light blue.

Figure

Path: \\corp.plbwan.net\USCentral\Data\USDAL\001\TaskArea\Projects - Round Rock\2019\91919232 - HWP\4\2025\10 - File Name: 2 - Englewood Intermodal Capped Area Seeps.dwg | Last Edited By: user071935 Date: 2025-10-10 Time: 2:24:33 PM | Printed By: user071935 Date: 2025-10-10 Time: 1:52:26 PM



LEGEND

- EXISTING NAPL COLLECTION SYSTEM (CONSTRUCTED FEB. 2019)
- HISTORICAL LIMIT OF BROWN LIQUID SURFACING
- HISTORICAL NAPL SEEP LOCATION
- 2025 ACTIVE NAPL SEEP LOCATION
- 2026 ACTIVE NAPL SEEP LOCATION
- EXISTING NAPL COLLECTION SUMP
- TEST PIT LOCATION (2019)
- TEST PIT LOCATION (JULY 2020)
- AS-BUILT EXTENT FOCUSED EXCAVATION AREA

REFERENCE(S)

BASE MAP TAKEN FROM GOOGLE EARTH, DATED 3/12/25.  
THE DETAILS OF THE "AS-BUILT EXTENT FOCUSED EXCAVATION AREAS" ARE PROVIDED IN THE RACR DATED JULY 17, 2025.

NOTE(S)

- THE HISTORICAL NAPL SEEP LOCATIONS WITHIN AS-BUILT EXTENT OF FOCUSED EXCAVATION AREAS HAVE BEEN ADDRESSED.

CLIENT  
UNION PACIFIC RAILROAD CO

PROJECT  
HOUSTON WOOD PRESERVING WORKS  
ENGLEWOOD INTERMODAL YARD

TITLE  
ENGLEWOOD INTERMODAL YARD CAPPED AREA SEEPS

|            |            |            |
|------------|------------|------------|
| CONSULTANT | YYYY-MM-DD | 2026-04-09 |
| DESIGNED   | AJD        |            |
| PREPARED   | AJD        |            |
| REVIEWED   | CT         |            |
| APPROVED   | ECM        |            |

TEXAS GEOSCIENCE FIRM NO. 50369  
TEXAS ENGINEERING FIRM NO. 2578

PROJECT NO.  
US0039040.3990

REV.  
0

FIGURE  
1

1 in IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B



**ATTACHMENT A**

## Weekly Inspection Photolog



## PHOTOGRAPH LOG

|                                                                                                                                                                                                                                                                                 |                                       |                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                                                                                                   |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Photo No.</b><br>1                                                                                                                                                                                                                                                           | <b>Inspection Date:</b><br>05/06/2026 |                                                                    | <div><div><div>E</div><div>S</div><div>SW</div><div>W</div><div>NW</div></div><div><div>150</div><div>180</div><div>210</div><div>240</div><div>270</div><div>300</div></div></div> <div>☼ 230°SW (T) LAT: 29.784390 LON: -95.320740 ±13ft ▲ 54ft</div> <div><div>FE-1&amp;3</div><div>UPRR-HWPW<br/>06 May 2026, 11:15:12</div></div> |
| <b>Description:</b><br>FE-1&3 weekly inspection of asphalt cap. Reconstructed cap in good condition. No NAPL observed at FE location. Minor brown water staining observed on pavement north of the reconstructed cap. Facing southwest.<br><br>Lat: 29.78439<br>Long: -95.32074 |                                       |                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Photo No.</b><br>2                                                                                                                                                                                                                                                           | <b>Inspection Date:</b><br>05/06/2026 |                                                                    | <div><div><div>SE</div><div>S</div><div>SW</div><div>W</div></div><div><div>120</div><div>150</div><div>180</div><div>210</div><div>240</div><div>270</div></div></div> <div>☼ 193°S (T) LAT: 29.784300 LON: -95.320801 ±9ft ▲ 56ft</div> <div><div>FE-2</div><div>UPRR-HWPW<br/>06 May 2026, 11:16:13</div></div>                    |
| <b>Description:</b><br>FE-2 weekly inspection of concrete cap. Reconstructed cap in good condition. No NAPL observed at FE location. Facing south.<br><br>Lat: 29.7843<br>Long: -95.3208                                                                                        |                                       |                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                           |



## PHOTOGRAPH LOG

|                                                                                                                                                                                                  |                                       |                                                                                                                                                                                                                                                                                   |                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                    |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                                                                                                                                                                                                                | <b>Project No.</b><br>US0039040.3990 |
| <b>Photo No.</b><br>3                                                                                                                                                                            | <b>Inspection Date:</b><br>05/06/2026 | <div>SE S SW W</div> <div>120 150 180 210 240 270 300</div> <div>☼ 209°SW (T) LAT: 29.784917 LON: -95.319508 ±9ft ▲ 55ft</div> <div><div>FE-4 UPRR-HWPW<br/>06 May 2026, 11:03:02</div></div>  |                                      |
| <b>Photo No.</b><br>4                                                                                                                                                                            | <b>Inspection Date:</b><br>05/06/2026 | <div>SE S SW W NW</div> <div>150 180 210 240 270 300</div> <div>☼ 225°SW (T) LAT: 29.785474 LON: -95.318603 ±13ft ▲ 45ft</div> <div><div>FE-5 UPRR-HWPW<br/>06 May 2026, 10:48:04</div></div> |                                      |
| <b>Description:</b><br>FE-4 weekly inspection of asphalt cap.<br>Reconstructed cap in good condition. No NAPL observed at FE location. Facing southwest.<br><br>Lat: 29.78492<br>Long: -95.31951 |                                       | <b>Description:</b><br>FE-5 weekly inspection of concrete cap.<br>Reconstructed cap in good condition. No NAPL observed at FE location. Brown water staining along the southern joint of FE-5 observed. Facing southwest.<br><br>Lat: 29.78547<br>Long: -95.3186                  |                                      |



## PHOTOGRAPH LOG

|                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                          |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                                                                                                                                                                                                                                                                              |  | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                                                                                                                                                                                                                                                                            |  | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                                                                     |  |
| <b>Photo No.</b><br>5                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | <b>Inspection Date:</b><br>05/06/2026                                                                                                                                                                                                                                                                                                         |  | <div>SE S SW W<br/>120 150 180 210 240 270 300</div> <div>☼ 206°SW (T) LAT: 29.785575 LON: -95.318307 ±9ft ▲ 54ft</div> <div><div>Photo No. 6</div><div>FE-6</div><div>UPRR-HWPW<br/>06 May 2026, 10:49:57</div></div> |  |
| <b>Photo No.</b><br>6                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | <b>Inspection Date:</b><br>05/06/2026                                                                                                                                                                                                                                                                                                         |  | <div>NW N NE E S<br/>330 0 30 60 90 120</div> <div>☼ 41°NE (T) LAT: 29.785417 LON: -95.318333 ±9ft ▲ 43ft</div> <div><div>FE-6</div><div>UPRR-HWPW<br/>06 May 2026, 10:54:06</div></div>                             |  |
| <b>Description:</b><br>FE-6 weekly inspection of asphalt cap. Reconstructed cap in good condition. No NAPL observed at FE location. Brown water staining and a small amount of standing water were observed along the western joint perpendicular to the reconstructed asphalt cap of FE-6. Brown water staining was observed along the southern joint of the reconstructed asphalt cap of FE-6. Facing southwest.<br><br>Lat: 29.78558<br>Long: -95.31831 |  | <b>Description:</b><br>FE-6 weekly inspection of asphalt cap. Reconstructed cap in good condition. No NAPL observed at FE location. Brown water staining was observed along the southern joint of the reconstructed asphalt cap of FE-6, located with the red arrow is Photo No. 5. Facing northeast.<br><br>Lat: 29.78542<br>Long: -95.31833 |  |                                                                                                                                                                                                                                                                                                          |  |



## PHOTOGRAPH LOG

|                                                                                                                                                                                               |  |                                                                    |  |                                                                                                                                                                                                                                                     |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                 |  | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas |  | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                |  |
| <b>Photo No.</b><br>7                                                                                                                                                                         |  | <b>Inspection Date:</b><br>05/06/2026                              |  | <div><div>SE120150180210240270W</div><div>☀ 202°S (T) LAT: 29.784409 LON: -95.320628 ±6ft ▲ 54ft</div><div>FE-7UPRR-HWPW<br/>06 May 2026, 11:14:04</div></div>   |  |
| <b>Description:</b><br>FE-7 weekly inspection of concrete cap.<br>Reconstructed cap in good condition. No NAPL observed at FE location. Facing south.<br><br>Lat: 29.78441<br>Long: -95.32063 |  |                                                                    |  |                                                                                                                                                                                                                                                     |  |
| <b>Photo No.</b><br>8                                                                                                                                                                         |  | <b>Inspection Date:</b><br>05/06/2026                              |  | <div><div>SE120150180210240270W</div><div>☀ 188°S (T) LAT: 29.785054 LON: -95.319108 ±26ft ▲ 53ft</div><div>FE-8UPRR-HWPW<br/>06 May 2026, 11:01:37</div></div> |  |
| <b>Description:</b><br>FE-8 weekly inspection of concrete cap.<br>Reconstructed cap in good condition. No NAPL observed at FE location. Facing south.<br><br>Lat: 29.78505<br>Long: -95.31911 |  |                                                                    |  |                                                                                                                                                                                                                                                     |  |



## PHOTOGRAPH LOG

|                                               |                                                                       |                                      |
|-----------------------------------------------|-----------------------------------------------------------------------|--------------------------------------|
| <b>Client Name:</b><br>Union Pacific Railroad | <b>Site Location:</b><br>Englewood Intermodal<br>Yard, Houston, Texas | <b>Project No.</b><br>US0039040.3990 |
|-----------------------------------------------|-----------------------------------------------------------------------|--------------------------------------|

|                       |                                       |
|-----------------------|---------------------------------------|
| <b>Photo No.</b><br>9 | <b>Inspection Date:</b><br>05/06/2026 |
|-----------------------|---------------------------------------|

SE S SW W  
120 150 180 210 240 270

☼ 201°S (T) LAT: 29.785318 LON: -95.318398 ±13ft ▲ 61ft

FE-9

UPRR-HWPW  
06 May 2026, 10:49:07

|                        |                                       |
|------------------------|---------------------------------------|
| <b>Photo No.</b><br>10 | <b>Inspection Date:</b><br>05/06/2026 |
|------------------------|---------------------------------------|

E SE S SW  
60 90 120 150 180 210 240

☼ 144°SE (T) LAT: 29.784959 LON: -95.317770 ±9ft ▲ 54ft

FE-10

UPRR-HWPW  
06 May 2026, 10:57:41

**Description:**

FE-9 weekly inspection of concrete cap.  
Reconstructed cap in good condition. No NAPL  
observed at FE location. Facing south.

Lat: 29.78532  
Long: -95.3184

**Description:**

FE-10 weekly inspection of concrete cap.  
Reconstructed cap in good condition. No NAPL  
observed at FE location. Facing southeast.

Lat: 29.78496  
Long: -95.31777



## PHOTOGRAPH LOG

|                                               |                                       |                                                                    |                                                                                                                                                                                                                                                                          |
|-----------------------------------------------|---------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Client Name:</b><br>Union Pacific Railroad |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                                     |
| <b>Photo No.</b><br>11                        | <b>Inspection Date:</b><br>05/06/2026 |                                                                    | <div>SE S SW W<br/>120 150 180 210 240 270</div> <div>☼ 200°S (T) LAT: 29.784423 LON: -95.319565 ±9ft ▲ 53ft</div> <div><p>FE-11</p><p>UPRR-HWPW<br/>06 May 2026, 11:04:18</p></div>  |
| <b>Photo No.</b><br>12                        | <b>Inspection Date:</b><br>05/06/2026 |                                                                    | <div>SE S SW W<br/>120 150 180 210 240 270</div> <div>☼ 195°S (T) LAT: 29.785591 LON: -95.318651 ±9ft ▲ 50ft</div> <div><p>FE-12</p><p>UPRR-HWPW<br/>06 May 2026, 10:46:48</p></div> |

**Description:**

FE-11 weekly inspection of concrete cap.  
Reconstructed cap in good condition. No NAPL  
observed at FE location. Facing south.

Lat: 29.78442  
Long: -95.31957

**Description:**

FE-12 weekly inspection of concrete cap.  
Reconstructed cap in good condition. No NAPL  
observed at FE location. Facing south.

Lat: 29.78559  
Long: -95.31865



## PHOTOGRAPH LOG

|                                                                                                                                                                                                |                                       |                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                  |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                                                                                                                               | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                                   |
| <b>Photo No.</b><br>13                                                                                                                                                                         | <b>Inspection Date:</b><br>05/06/2026 |                                                                                                                                                                                                  | <div>SE S SW W<br/>120 150 180 210 240 270</div> <div>☉ 199°S (T) LAT: 29.785048 LON: -95.321214 ±6ft ▲ 60ft</div>  <div>FE-13 UPRR-HWPW<br/>06 May 2026, 10:32:41</div>            |
| <b>Photo No.</b><br>14                                                                                                                                                                         | <b>Inspection Date:</b><br>05/13/2026 |                                                                                                                                                                                                  | <div>SE S SW W<br/>120 150 180 210 240 270 300</div> <div>☉ 208°SW (T) LAT: 29.784401 LON: -95.320804 ±6ft ▲ 52ft</div>  <div>FE-1&amp;3 UPRR-HWPW<br/>13 May 2026, 10:48:15</div> |
| <b>Description:</b><br>FE-13 weekly inspection of concrete cap.<br>Reconstructed cap in good condition. No NAPL observed at FE location. Facing south.<br><br>Lat: 29.78505<br>Long: -95.32121 |                                       | <b>Description:</b><br>FE-1&3 weekly inspection of asphalt cap.<br>Reconstructed cap in good condition. No NAPL observed at FE location. Facing southwest.<br><br>Lat: 29.7844<br>Long: -95.3208 |                                                                                                                                                                                                                                                                        |



## PHOTOGRAPH LOG

|                                                                                                                                                                                               |                                       |                                                                                                                                                                                                                                                                         |                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                 |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                                                                                                                                                                                                      | <b>Project No.</b><br>US0039040.3990 |
| <b>Photo No.</b><br>15                                                                                                                                                                        | <b>Inspection Date:</b><br>05/13/2026 | <div>SE S SW W<br/>120 150 180 210 240 270</div> <div>☼ 192°S (T) LAT: 29.784291 LON: -95.320759 ±13ft ▲ 41ft</div> <div><p>FE-2</p><p>UPRR-HWPW<br/>13 May 2026, 10:49:20</p></div> |                                      |
| <b>Photo No.</b><br>16                                                                                                                                                                        | <b>Inspection Date:</b><br>05/13/2026 | <div>SE S SW W<br/>120 150 180 210 240 270</div> <div>☼ 194°S (T) LAT: 29.784920 LON: -95.319534 ±9ft ▲ 52ft</div> <div><p>FE-4</p><p>UPRR-HWPW<br/>13 May 2026, 10:37:18</p></div> |                                      |
| <b>Description:</b><br>FE-2 weekly inspection of concrete cap.<br>Reconstructed cap in good condition. No NAPL observed at FE location. Facing south.<br><br>Lat: 29.78429<br>Long: -95.32076 |                                       | <b>Description:</b><br>FE-4 weekly inspection of asphalt cap.<br>Reconstructed cap in good condition. No NAPL observed at FE location. Facing south.<br><br>Lat: 29.78492<br>Long: -95.31953                                                                            |                                      |



## PHOTOGRAPH LOG

|                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                       |                                                                    |                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                                                                                                                                                                                                                                                                          |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                           |
| <b>Photo No.</b><br>17                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Inspection Date:</b><br>05/13/2026 |                                                                    | <div><div>SE120150180187°S (T) LAT: 29.785474 LON: -95.318646 ±13ft ▲ 44ftSW210240W270</div><div>FE-5UPRR-HWPW<br/>13 May 2026, 10:24:32</div></div>                        |
| <b>Description:</b><br>FE-5 weekly inspection of concrete cap. Reconstructed cap in good condition. No NAPL observed at FE location. Brown water staining along the southern joint of FE-5 observed. Facing south.<br><br>Lat: 29.78548<br>Long: -95.31865                                                                                                                                                                                             |                                       |                                                                    |                                                                                                                                                                                                                                                                |
| <b>Photo No.</b><br>18                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Inspection Date:</b><br>05/13/2026 |                                                                    | <div><div>SE120150180194°S (T) LAT: 29.785591 LON: -95.318316 ±9ft ▲ 51ftSW210240W270</div><div>Photo No. 19</div><div>FE-6UPRR-HWPW<br/>13 May 2026, 10:25:55</div></div> |
| <b>Description:</b><br>FE-6 weekly inspection of asphalt cap. Reconstructed cap in good condition. No NAPL observed at FE location. Brown water staining and a small amount of standing water were observed along the western joint perpendicular to the reconstructed asphalt cap of FE-6. Brown water staining was observed along the southern joint of the reconstructed asphalt cap of FE-6. Facing south.<br><br>Lat: 29.78559<br>Long: -95.31832 |                                       |                                                                    |                                                                                                                                                                                                                                                                |



## PHOTOGRAPH LOG

|                                                                                                                                                                                                                                                                                                                                                |                                       |                                                                                                                                                                                                                                                                                         |                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                                                                                                                                                                  |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                                                                                                                                                                                                                      | <b>Project No.</b><br>US0039040.3990 |
| <b>Photo No.</b><br>19                                                                                                                                                                                                                                                                                                                         | <b>Inspection Date:</b><br>05/13/2026 | <br>☀ 40°NE (T) LAT: 29.785389 LON: -95.318309 ±13ft ▲ 42ft<br><br>FE-6 (staining) UPRR-HWPW 13 May 2026, 10:26:19 |                                      |
| <b>Photo No.</b><br>20                                                                                                                                                                                                                                                                                                                         | <b>Inspection Date:</b><br>05/13/2026 | <br>☀ 192°S (T) LAT: 29.784423 LON: -95.320652 ±9ft ▲ 51ft<br><br>FE-7 UPRR-HWPW 13 May 2026, 10:47:54          |                                      |
| <b>Description:</b><br>FE-6 weekly inspection of asphalt cap. Reconstructed cap in good condition. No NAPL observed at FE location. Brown water staining was observed along the southern joint of the reconstructed asphalt cap of FE-6, located with the red arrow is Photo No. 18. Facing northeast.<br><br>Lat: 29.78539<br>Long: -95.31831 |                                       | <b>Description:</b><br>FE-7 weekly inspection of concrete cap. Reconstructed cap in good condition. No NAPL observed at FE location. Facing south.<br><br>Lat: 29.78442<br>Long: -95.32065                                                                                              |                                      |



## PHOTOGRAPH LOG

|                                                                                                                                                                                                                 |                                       |                                                                                                                                                                                                                                                                |                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                                   |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                                                                                                                                                                                             | <b>Project No.</b><br>US0039040.3990 |
| <b>Photo No.</b><br>21                                                                                                                                                                                          | <b>Inspection Date:</b><br>05/13/2026 | <div><div><div>E90SE120150180S210240SW</div><div>169°S (T) LAT: 29.785047 LON: -95.319138 ±9ft ▲ 49ft</div></div><div>FE-10UPRR-HWPW<br/>13 May 2026, 10:36:33</div></div>  |                                      |
| <b>Photo No.</b><br>22                                                                                                                                                                                          | <b>Inspection Date:</b><br>05/13/2026 | <div><div><div>E90SE120150180S210240SW</div><div>167°S (T) LAT: 29.785333 LON: -95.318403 ±13ft ▲ 43ft</div></div><div>FE-9UPRR-HWPW<br/>13 May 2026, 10:26:51</div></div> |                                      |
| <b>Description:</b><br>FE-8 weekly inspection of concrete cap.<br>Reconstructed cap in good condition. No NAPL observed at FE location. Mislabeled FE-10. Facing south.<br><br>Lat: 29.78505<br>Long: -95.31914 |                                       |                                                                                                                                                                                                                                                                |                                      |
| <b>Description:</b><br>FE-9 weekly inspection of concrete cap.<br>Reconstructed cap in good condition. No NAPL observed at FE location. Facing south.<br><br>Lat: 29.78533<br>Long: -95.3184                    |                                       |                                                                                                                                                                                                                                                                |                                      |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                      |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                                                                                                                             | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                                       |
| <b>Photo No.</b><br>23                                                                                                                                                                             | <b>Inspection Date:</b><br>05/13/2026 |                                                                                                                                                                                                | <div><div><div>ESESW</div><div>6090120150180210240</div><div>147°SE (T) LAT: 29.785005 LON: -95.317779 ±9ft ▲ 41ft</div></div><div>FE-10UPRR-HWPW<br/>13 May 2026, 10:27:58</div></div> |
| <b>Photo No.</b><br>24                                                                                                                                                                             | <b>Inspection Date:</b><br>05/13/2026 |                                                                                                                                                                                                | <div><div><div>SESWW</div><div>120150180210240270</div><div>190°S (T) LAT: 29.784409 LON: -95.319569 ±13ft ▲ 52ft</div></div><div>FE-11UPRR-HWPW<br/>13 May 2026, 10:39:48</div></div> |
| <b>Description:</b><br>FE-10 weekly inspection of concrete cap.<br>Reconstructed cap in good condition. No NAPL observed at FE location. Facing southeast.<br><br>Lat: 29.78501<br>Long: -95.31778 |                                       | <b>Description:</b><br>FE-11 weekly inspection of concrete cap.<br>Reconstructed cap in good condition. No NAPL observed at FE location. Facing south.<br><br>Lat: 29.78441<br>Long: -95.31957 |                                                                                                                                                                                                                                                                            |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                                     |
| <b>Photo No.</b><br>25                        | <b>Inspection Date:</b><br>05/13/2026 |                                                                    | <div>SE S SW W<br/>120 150 180 210 240 270</div> <div>☼ 195°S (T) LAT: 29.785626 LON: -95.318646 ±13ft ▲ 30ft</div> <div><p>FE-12</p><p>UPRR-HWPW<br/>13 May 2026, 10:23:07</p></div> |
| <b>Photo No.</b><br>26                        | <b>Inspection Date:</b><br>05/13/2026 |                                                                    | <div>SE S SW W<br/>120 150 180 210 240 270</div> <div>☼ 193°S (T) LAT: 29.785089 LON: -95.321229 ±9ft ▲ 57ft</div> <div><p>FE-13</p><p>UPRR-HWPW<br/>13 May 2026, 10:14:57</p></div> |

**Description:**

FE-12 weekly inspection of concrete cap.  
Reconstructed cap in good condition. No NAPL  
observed at FE location. Facing south.

Lat: 29.78563  
Long: -95.31865

**Description:**

FE-13 weekly inspection of concrete cap.  
Reconstructed cap in good condition. No NAPL  
observed at FE location. Facing south.

Lat: 29.78509  
Long: -95.32123



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                                                            |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                                                                                                                                                                   | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                                  |
| <b>Photo No.</b><br>27                                                                                                                                                                                                                   | <b>Inspection Date:</b><br>05/20/2026 |                                                                                                                                                                                                                                      | <div>SE S SW W<br/>120 150 180 210 240 270 300</div> <div>☼ 207°SW (T) LAT: 29.784417 LON: -95.320796 ±6ft ▲ 54ft</div>  <div>FE-1&amp;3 UPRR-HWPW<br/>20 May 2026, 11:30:14</div> |
| <b>Photo No.</b><br>28                                                                                                                                                                                                                   | <b>Inspection Date:</b><br>05/20/2026 |                                                                                                                                                                                                                                      | <div>SE S SW W<br/>120 150 180 210 240 270</div> <div>☼ 195°S (T) LAT: 29.784294 LON: -95.320756 ±6ft ▲ 60ft</div>  <div>FE-2 UPRR-HWPW<br/>20 May 2026, 11:29:16</div>           |
| <b>Description:</b><br>FE-1&3 weekly inspection of asphalt cap.<br>Reconstructed cap in good condition. No NAPL observed at FE location. Standing water from recent rain event. Facing southwest.<br><br>Lat: 29.78442<br>Long: -95.3208 |                                       | <b>Description:</b><br>FE-2 weekly inspection of concrete cap.<br>Reconstructed cap in good condition. No NAPL observed at FE location. Standing water from recent rain event. Facing south.<br><br>Lat: 29.78429<br>Long: -95.32076 |                                                                                                                                                                                                                                                                       |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                                                                                                                                                    |  | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas |  | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                                                                                                   |  |
| <b>Photo No.</b><br>29                                                                                                                                                                                                                                                                                                           |  | <b>Inspection Date:</b><br>05/20/2026                              |  | <div><div>SE S SW W</div><div>120 150 180 210 240 270 300</div><div>☼ 205°SW (T) LAT: 29.784923 LON: -95.319492 ±6ft ▲ 51ft</div><div></div><div>FE-4 UPRR-HWPW<br/>20 May 2026, 11:05:16</div></div>                                               |  |
| <b>Description:</b><br>FE-4 weekly inspection of asphalt cap. Reconstructed cap in good condition. No NAPL observed at FE location. Standing water from recent rain event. Facing southwest.<br><br>Lat: 29.78492<br>Long: -95.31949                                                                                             |  |                                                                    |  |                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Photo No.</b><br>30                                                                                                                                                                                                                                                                                                           |  | <b>Inspection Date:</b><br>05/20/2026                              |  | <div><div>SE S SW W</div><div>120 150 180 210 240 270 300</div><div>☼ 197°S (T) LAT: 29.785438 LON: -95.318648 ±6ft ▲ 53ft</div><div><div>Photo No. 31</div><div>Photo No. 32</div></div><div>FE-5 UPRR-HWPW<br/>20 May 2026, 10:44:55</div></div> |  |
| <b>Description:</b><br>FE-5 weekly inspection of concrete cap. Reconstructed cap in good condition. No NAPL observed at FE location. Brown water staining along the southern joint and at the southeastern corner of FE-5 observed. Standing water from recent rain event. Facing south.<br><br>Lat: 29.78544<br>Long: -95.31865 |  |                                                                    |  |                                                                                                                                                                                                                                                                                                                                        |  |

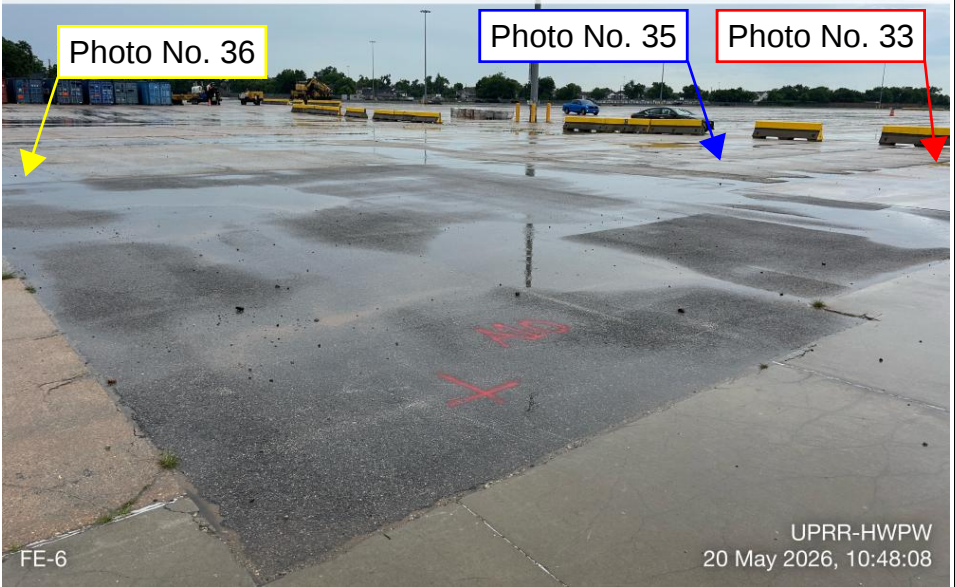


## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                                                                                                                                                                 |  | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas |  | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                          |  |
| <b>Photo No.</b><br>31                                                                                                                                                                                                                                                                                                                        |  | <b>Inspection Date:</b><br>05/20/2026                              |  | <div><div><div>E90120SE150180S210SW240</div><div>☼ 161°S (T) LAT: 29.785320 LON: -95.318602 ±9ft ▲ 34ft</div></div></div>  |  |
| <b>Description:</b><br>FE-5 weekly inspection of concrete cap. Reconstructed cap in good condition. No NAPL observed at FE location. Brown water staining along the southern joint of FE-5 observed, located with the red arrow is Photo No. 31. Standing water from recent rain event. Facing south.<br><br>Lat: 29.78532<br>Long: -95.3186  |  |                                                                    |  |                                                                                                                                                                                                               |  |
| <b>Photo No.</b><br>32                                                                                                                                                                                                                                                                                                                        |  | <b>Inspection Date:</b><br>05/20/2026                              |  | <div><div><div>N030NE60E90SE120150180S</div><div>☼ 86°E (T) LAT: 29.785281 LON: -95.318682 ±13ft ▲ 46ft</div></div></div> |  |
| <b>Description:</b><br>FE-5 weekly inspection of concrete cap. Reconstructed cap in good condition. No NAPL observed at FE location. Brown water staining along the southern joint of FE-5 observed, located with the blue arrow is Photo No. 32. Standing water from recent rain event. Facing east.<br><br>Lat: 29.78528<br>Long: -95.31868 |  |                                                                    |  |                                                                                                                                                                                                               |  |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                                                                                                                                                                                        |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Project No.</b><br>US0039040.3990 |
| <b>Photo No.</b><br>33                                                                                                                                                                                                                                                                                                                                               | <b>Inspection Date:</b><br>05/20/2026 | <div>300 NW 330 N 0 3 NE 60 90 E 120</div> <div>☼ 31°NE (T) LAT: 29.785393 LON: -95.318531 ±9ft ▲ 39ft</div>  <div>FE-6 (Staining) UPRR-HWPW 20 May 2026, 10:50:12</div>                                                                                                                                                                                                                                             |                                      |
| <b>Photo No.</b><br>34                                                                                                                                                                                                                                                                                                                                               | <b>Inspection Date:</b><br>05/20/2026 | <div>SE 150 S 180 SW 210 240 W 270 300 NW</div> <div>☼ 227°SW (T) LAT: 29.785567 LON: -95.318321 ±9ft ▲ 44ft</div>  <div>Photo No. 36 Photo No. 35 Photo No. 33</div> <div>FE-6 UPRR-HWPW 20 May 2026, 10:48:08</div>                                                                                                                                                                                               |                                      |
| <b>Description:</b><br>FE-5 weekly inspection of concrete cap. Reconstructed cap in good condition. No NAPL observed at FE location. Brown water staining at the southeastern corner of FE-5 observed, located with the red arrow is Photo No. 34. Standing water from recent rain event. Mislabeled FE-6. Facing northeast.<br><br>Lat: 29.78539<br>Long: -95.31853 |                                       | <b>Description:</b><br>FE-6 weekly inspection of asphalt cap. Reconstructed cap in good condition. No NAPL observed at FE location. Brown water staining and a small amount of standing water were observed along the western joint perpendicular to the reconstructed asphalt cap of FE-6. Brown water staining was observed along the southern joint of the reconstructed asphalt cap of FE-6. Other standing water from recent rain event. Facing southwest.<br><br>Lat: 29.78557<br>Long: -95.31832 |                                      |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                                                                                                                                                                                                                                                              |  | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas |  | <b>Project No.</b><br>US0039040.3990                                                                                    |  |
| <b>Photo No.</b><br>35                                                                                                                                                                                                                                                                                                                                                                                                                     |  | <b>Inspection Date:</b><br>05/20/2026                              |  | <br>☀ 110°E (T) LAT: 29.785473 LON: -95.318477 ±6ft ▲ 55ft<br><br>FE-6 (Staining)<br>UPRR-HWPW<br>20 May 2026, 10:50:47 |  |
| <b>Description:</b><br>FE-6 weekly inspection of asphalt cap. Reconstructed cap in good condition. No NAPL observed at FE location. Brown water staining and a small amount of standing water were observed along the western joint perpendicular to the reconstructed asphalt cap of FE-6, located with the blue arrow is Photo No. 34. Other standing water from recent rain event. Facing east.<br><br>Lat: 29.78547<br>Long: -95.31848 |  |                                                                    |  |                                                                                                                         |  |
| <b>Photo No.</b><br>36                                                                                                                                                                                                                                                                                                                                                                                                                     |  | <b>Inspection Date:</b><br>05/20/2026                              |  | <br>☀ 88°E (T) LAT: 29.785413 LON: -95.318305 ±9ft ▲ 42ft<br><br>FE-6 (Staining)<br>UPRR-HWPW<br>20 May 2026, 10:49:15  |  |
| <b>Description:</b><br>FE-6 weekly inspection of asphalt cap. Reconstructed cap in good condition. No NAPL observed at FE location. Brown water staining was observed along the southern joint of the reconstructed asphalt cap of FE-6, located with the yellow arrow is Photo No. 34. Other standing water from recent rain event. Facing east.<br><br>Lat: 29.78541<br>Long: -95.31831                                                  |  |                                                                    |  |                                                                                                                         |  |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                                                        |  | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas |  | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                                                        |  |
| <b>Photo No.</b><br>37                                                                                                                                                                                                               |  | <b>Inspection Date:</b><br>05/20/2026                              |  | <div><div>SE S SW W</div><div>120 150 180 210 240 270</div><div>☼ 196°S (T) LAT: 29.784387 LON: -95.320612 ±9ft ▲ 57ft</div><div><p>FE-7</p><p>UPRR-HWPW<br/>20 May 2026, 11:27:59</p></div></div>        |  |
| <b>Description:</b><br>FE-7 weekly inspection of concrete cap.<br>Reconstructed cap in good condition. No NAPL observed at FE location. Standing water from recent rain event. Facing south.<br><br>Lat: 29.78439<br>Long: -95.32061 |  |                                                                    |  |                                                                                                                                                                                                                                                                                             |  |
| <b>Photo No.</b><br>38                                                                                                                                                                                                               |  | <b>Inspection Date:</b><br>05/20/2026                              |  | <div><div>E SE S SW W</div><div>90 120 150 180 210 240 270</div><div>☼ 179°S (T) LAT: 29.785049 LON: -95.319105 ±6ft ▲ 52ft</div><div><p>FE-8</p><p>UPRR-HWPW<br/>20 May 2026, 11:03:43</p></div></div> |  |
| <b>Description:</b><br>FE-8 weekly inspection of concrete cap.<br>Reconstructed cap in good condition. No NAPL observed at FE location. Standing water from recent rain event. Facing south.<br><br>Lat: 29.78505<br>Long: -95.31911 |  |                                                                    |  |                                                                                                                                                                                                                                                                                             |  |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                                                     |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                                                                                                                                                                                                | <b>Project No.</b><br>US0039040.3990 |
| <b>Photo No.</b><br>39                                                                                                                                                                                                            | <b>Inspection Date:</b><br>05/20/2026 | <div><div><div>E90SE120150180SW210240W270</div><div>180°S (T) LAT: 29.785336 LON: -95.318381 ±9ft ▲ 44ft</div></div><div>FE-9UPRR-HWPW<br/>20 May 2026, 10:52:31</div></div>   |                                      |
| <b>Photo No.</b><br>40                                                                                                                                                                                                            | <b>Inspection Date:</b><br>05/20/2026 | <div><div><div>E6090SE120150180S210240SW</div><div>149°SE (T) LAT: 29.784967 LON: -95.317755 ±9ft ▲ 47ft</div></div><div>FE-10UPRR-HWPW<br/>20 May 2026, 10:54:00</div></div> |                                      |
| <b>Description:</b><br>FE-9 weekly inspection of concrete cap. Reconstructed cap in good condition. No NAPL observed at FE location. Standing water from recent rain event. Facing south.<br><br>Lat: 29.78534<br>Long: -95.31838 |                                       | <b>Description:</b><br>FE-10 weekly inspection of concrete cap. Reconstructed cap in good condition. No NAPL observed at FE location. Standing water from recent rain event. Facing southeast.<br><br>Lat: 29.78497<br>Long: -95.31776                            |                                      |

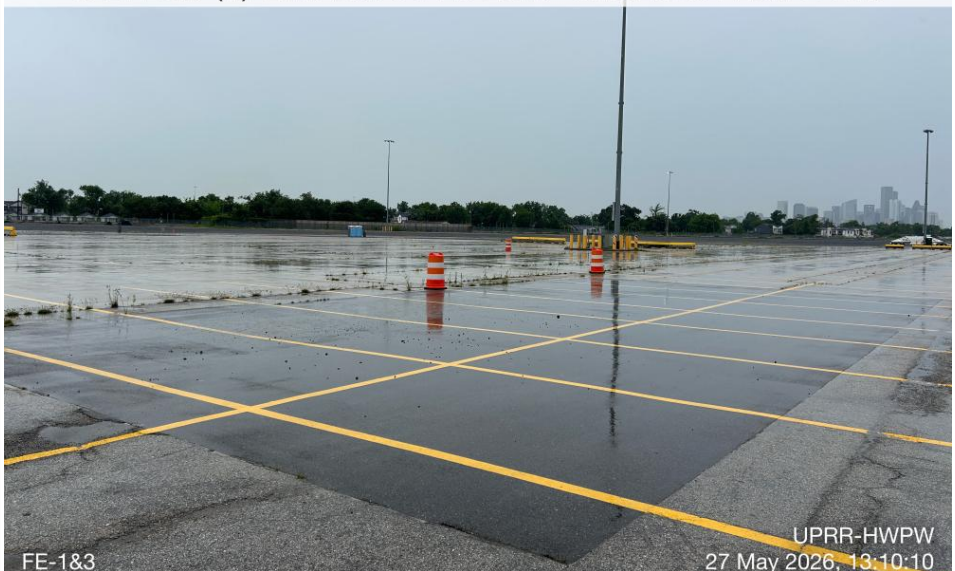


## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                                                         |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                                                                                                                                                                                                            | <b>Project No.</b><br>US0039040.3990 |
| <b>Photo No.</b><br>41                                                                                                                                                                                                                | <b>Inspection Date:</b><br>05/20/2026 | <div>SE S SW W<br/>120 150 180 210 240 270</div> <div>☼ 201°S (T) LAT: 29.784413 LON: -95.319542 ±6ft ▲ 52ft</div> <div><p>FE-11</p><p>UPRR-HWPW<br/>20 May 2026, 11:06:49</p></div>       |                                      |
| <b>Photo No.</b><br>42                                                                                                                                                                                                                | <b>Inspection Date:</b><br>05/20/2026 | <div>SE S SW W<br/>120 150 180 210 240 270 300</div> <div>☼ 206°SW (T) LAT: 29.785591 LON: -95.318667 ±9ft ▲ 48ft</div> <div><p>FE-12</p><p>UPRR-HWPW<br/>20 May 2026, 10:43:30</p></div> |                                      |
| <b>Description:</b><br>FE-11 weekly inspection of concrete cap.<br>Reconstructed cap in good condition. No NAPL observed at FE location. Standing water from recent rain event. Facing south.<br><br>Lat: 29.78441<br>Long: -95.31954 |                                       | <b>Description:</b><br>FE-12 weekly inspection of concrete cap.<br>Reconstructed cap in good condition. No NAPL observed at FE location. Standing water from recent rain event. Facing southwest.<br><br>Lat: 29.78559<br>Long: -95.31867                                     |                                      |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                                                         |  | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas |  | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                         |  |
| <b>Photo No.</b><br>43                                                                                                                                                                                                                |  | <b>Inspection Date:</b><br>05/20/2026                              |  | <div><div><div>E90SE120150180181°S (T) LAT: 29.785069 LON: -95.321200 ±13ft ▲ 56ftSW210240270W</div><div>FE-13UPRR-HWPW<br/>20 May 2026, 10:35:59</div></div></div>       |  |
| <b>Description:</b><br>FE-13 weekly inspection of concrete cap. Reconstructed cap in good condition. No NAPL observed at FE location. Standing water from recent rain event. Facing south.<br><br>Lat: 29.78507<br>Long: -95.3212     |  |                                                                    |  |                                                                                                                                                                                                                                                              |  |
| <b>Photo No.</b><br>44                                                                                                                                                                                                                |  | <b>Inspection Date:</b><br>05/27/2026                              |  | <div><div><div>SE120150180211°SW (T) LAT: 29.784418 LON: -95.320804 ±9ft ▲ 61ftSW210240270300W</div><div>FE-1&amp;3UPRR-HWPW<br/>27 May 2026, 13:10:10</div></div></div> |  |
| <b>Description:</b><br>FE-1&3 weekly inspection of asphalt cap. Reconstructed cap in good condition. No NAPL observed at FE location. Standing water from recent rain event. Facing southwest.<br><br>Lat: 29.78442<br>Long: -95.3208 |  |                                                                    |  |                                                                                                                                                                                                                                                              |  |

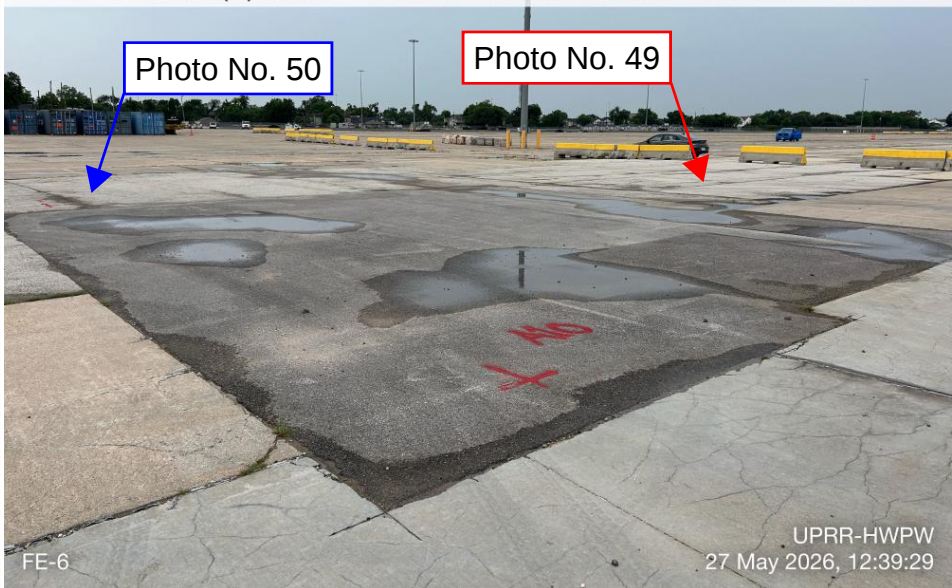


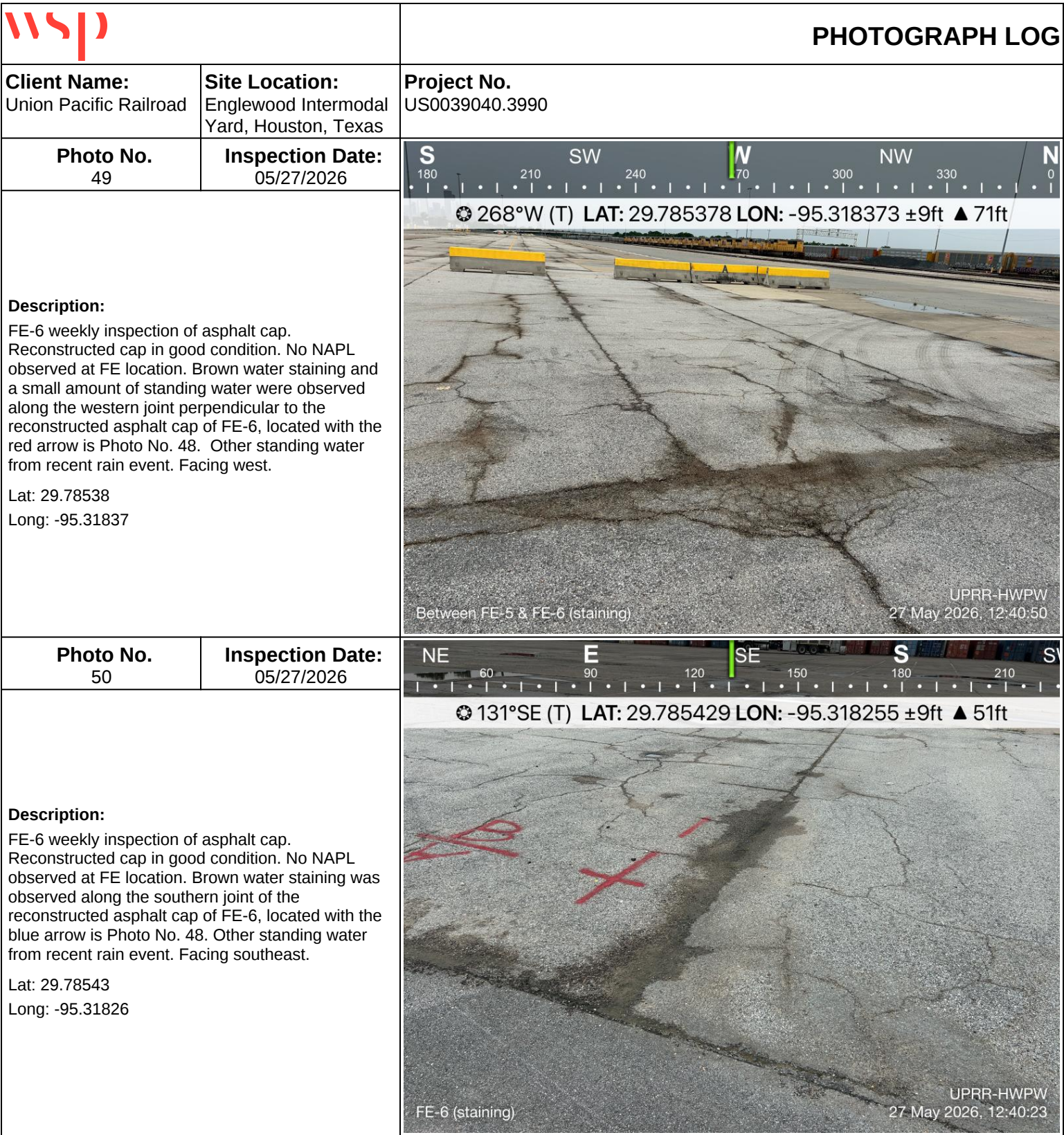
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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                                                       |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                                                                                                                                                                     | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                                     |
| <b>Photo No.</b><br>45                                                                                                                                                                                                              | <b>Inspection Date:</b><br>05/27/2026 |                                                                                                                                                                                                                                        | <div>SE S SW W<br/>120 150 180 210 240 270</div> <div>☼ 198°S (T) LAT: 29.784296 LON: -95.320778 ±6ft ▲ 66ft</div> <div><p>FE-2</p><p>UPRR-HWPW<br/>27 May 2026, 13:11:33</p></div>   |
| <b>Photo No.</b><br>46                                                                                                                                                                                                              | <b>Inspection Date:</b><br>05/27/2026 |                                                                                                                                                                                                                                        | <div>SE S SW W<br/>120 150 180 210 240 270</div> <div>☼ 204°SW (T) LAT: 29.784930 LON: -95.319503 ±9ft ▲ 63ft</div> <div><p>FE-4</p><p>UPRR-HWPW<br/>27 May 2026, 12:49:52</p></div> |
| <b>Description:</b><br>FE-2 weekly inspection of concrete cap.<br>Reconstructed cap in good condition. No NAPL observed at FE location. Standing water from recent rain event. Facing south.<br><br>Lat: 29.7843<br>Long: -95.32078 |                                       | <b>Description:</b><br>FE-4 weekly inspection of asphalt cap.<br>Reconstructed cap in good condition. No NAPL observed at FE location. Standing water from recent rain event. Facing southwest.<br><br>Lat: 29.78493<br>Long: -95.3195 |                                                                                                                                                                                                                                                                          |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                   |
| <b>Photo No.</b><br>47                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Inspection Date:</b><br>05/27/2026 |                                                                    | <div><div>SE120150180197°S (T) LAT: 29.785480 LON: -95.318707 ±9ft ▲ 69ftSW210240270W</div><div>FE-5UPRR-HWPW27 May 2026, 12:38:34</div></div>      |
| <b>Description:</b><br>FE-5 weekly inspection of concrete cap. Reconstructed cap in good condition. No NAPL observed at FE location. Brown water staining along the southern joint of FE-5 observed. Standing water from recent rain event. Facing south.<br><br>Lat: 29.78548<br>Long: -95.31871                                                                                                                                                                                                       |                                       |                                                                    |                                                                                                                                                                                                                                        |
| <b>Photo No.</b><br>48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Inspection Date:</b><br>05/27/2026 |                                                                    | <div><div>SE120150180205°SW (T) LAT: 29.785570 LON: -95.318327 ±9ft ▲ 68ftSW210240270300W</div><div>FE-6UPRR-HWPW27 May 2026, 12:39:29</div></div> |
| <b>Description:</b><br>FE-6 weekly inspection of asphalt cap. Reconstructed cap in good condition. No NAPL observed at FE location. Brown water staining and a small amount of standing water were observed along the western joint perpendicular to the reconstructed asphalt cap of FE-6. Brown water staining was observed along the southern joint of the reconstructed asphalt cap of FE-6. Other standing water from recent rain event. Facing southwest.<br><br>Lat: 29.78557<br>Long: -95.31833 |                                       |                                                                    |                                                                                                                                                                                                                                        |





## PHOTOGRAPH LOG

|                                                                                                                                                                                                                                  |                                       |                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                             |
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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                                                    |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                                                                                                                                                                | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                        |
| <b>Photo No.</b><br>51                                                                                                                                                                                                           | <b>Inspection Date:</b><br>05/27/2026 |                                                                                                                                                                                                                                   | <div>SE S SW W<br/>120 150 180 210 240 270</div> <div>☼ 201°S (T) LAT: 29.784401 LON: -95.320617 ±13ft ▲ 63ft</div>  <div>FE-7 UPRR-HWPW<br/>27 May 2026, 13:10:48</div> |
| <b>Photo No.</b><br>52                                                                                                                                                                                                           | <b>Inspection Date:</b><br>05/27/2026 |                                                                                                                                                                                                                                   | <div>SE S SW W<br/>120 150 180 210 240 270</div> <div>☼ 191°S (T) LAT: 29.785050 LON: -95.319137 ±9ft ▲ 70ft</div>  <div>FE-8 UPRR-HWPW<br/>27 May 2026, 12:48:26</div> |
| <b>Description:</b><br>FE-7 weekly inspection of concrete cap. Reconstructed cap in good condition. No NAPL observed at FE location. Standing water from recent rain event. Facing south.<br><br>Lat: 29.7844<br>Long: -95.32062 |                                       | <b>Description:</b><br>FE-8 weekly inspection of concrete cap. Reconstructed cap in good condition. No NAPL observed at FE location. Standing water from recent rain event. Facing south.<br><br>Lat: 29.78505<br>Long: -95.31914 |                                                                                                                                                                                                                                                             |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                                                          |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                            |
| <b>Photo No.</b><br>53                                                                                                                                                                                                                 | <b>Inspection Date:</b><br>05/27/2026 |                                                                    | <div>SE S SW W<br/>120 150 180 210 240 270</div> <div>☀ 195°S (T) LAT: 29.785323 LON: -95.318355 ±13ft ▲ 70ft</div>  <div>FE-9 UPRR-HWPW<br/>27 May 2026, 12:41:43</div>      |
| <b>Description:</b><br>FE-9 weekly inspection of concrete cap. Reconstructed cap in good condition. No NAPL observed at FE location. Standing water from recent rain event. Facing south.<br><br>Lat: 29.78532<br>Long: -95.31836      |                                       |                                                                    |                                                                                                                                                                                                                                                                 |
| <b>Photo No.</b><br>54                                                                                                                                                                                                                 | <b>Inspection Date:</b><br>05/27/2026 |                                                                    | <div>NE E SE S<br/>60 90 120 150 180 210</div> <div>☀ 128°SE (T) LAT: 29.784935 LON: -95.317776 ±9ft ▲ 70ft</div>  <div>FE-10 1/2 UPRR-HWPW<br/>27 May 2026, 12:43:45</div> |
| <b>Description:</b><br>FE-10 weekly inspection of concrete cap. Reconstructed cap in good condition. No NAPL observed at FE location. Standing water from recent rain event. Facing southeast.<br><br>Lat: 29.78494<br>Long: -95.31778 |                                       |                                                                    |                                                                                                                                                                                                                                                                 |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                                                         |  | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                   |  | <b>Project No.</b><br>US0039040.3990 |  |
| <b>Photo No.</b><br>55                                                                                                                                                                                                                |  | <b>Inspection Date:</b><br>05/27/2026                                                |  |                                      |  |
| <b>Description:</b><br>FE-10 weekly inspection of concrete cap. Reconstructed cap in good condition. No NAPL observed at FE location. Standing water from recent rain event. Facing northwest.<br><br>Lat: 29.78491<br>Long: -95.3177 |  |   |  |                                      |  |
|                                                                                                                                                                                                                                       |  |                                                                                      |  |                                      |  |
| <b>Photo No.</b><br>56                                                                                                                                                                                                                |  | <b>Inspection Date:</b><br>05/27/2026                                                |  |                                      |  |
| <b>Description:</b><br>FE-11 weekly inspection of concrete cap. Reconstructed cap in good condition. No NAPL observed at FE location. Standing water from recent rain event. Facing south.<br><br>Lat: 29.78443<br>Long: -95.31965    |  |  |  |                                      |  |
|                                                                                                                                                                                                                                       |  |                                                                                      |  |                                      |  |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                             |
| <b>Photo No.</b><br>57                        | <b>Inspection Date:</b><br>05/27/2026 |                                                                    | <div>SE S SW W<br/>120 150 180 210 240 270 300</div> <div>☉ 210°SW (T) LAT: 29.785567 LON: -95.318655 ±9ft ▲ 57ft</div>  <div>FE-12 UPRR-HWPW<br/>27 May 2026, 12:37:41</div> |
| <b>Photo No.</b><br>58                        | <b>Inspection Date:</b><br>05/27/2026 |                                                                    | <div>SE S SW W<br/>120 150 180 210 240 270</div> <div>☉ 199°S (T) LAT: 29.785079 LON: -95.321174 ±9ft ▲ 63ft</div>  <div>FE-13 UPRR-HWPW<br/>27 May 2026, 12:29:05</div>     |

**Description:**

FE-12 weekly inspection of concrete cap. Reconstructed cap in good condition. No NAPL observed at FE location. Standing water from recent rain event. Facing southwest.

Lat: 29.78557

Long: -95.31866

**Description:**

FE-13 weekly inspection of concrete cap. Reconstructed cap in good condition. No NAPL observed at FE location. Standing water from recent rain event. Facing south.

Lat: 29.78508

Long: -95.32117



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                     |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                                                                         | <b>Project No.</b><br>US0039040.3990 |
| <b>Photo No.</b><br>59                                                                                                                                                            | <b>Inspection Date:</b><br>05/06/2026 |                                                                                                                                            |                                      |
| <b>Description:</b><br>Sump 1 (B99/B100), 0.0 inches of freeboard in sump. Color is brown, and a sheen was observed. No odor was reported.<br><br>Lat: 29.7843<br>Long: -95.32075 |                                       | <br>Sump 99/100<br>UPRR-HWPW<br>06 May 2026, 11:29:56   |                                      |
| <b>Photo No.</b><br>60                                                                                                                                                            | <b>Inspection Date:</b><br>05/06/2026 |                                                                                                                                            |                                      |
| <b>Description:</b><br>Sump 2 (B103/B104), 9.3 inches of freeboard in sump. Color is light brown, and no sheen or odor was reported.<br><br>Lat: 29.78421<br>Long: -95.32087      |                                       | <br>Sump 103/104<br>UPRR-HWPW<br>06 May 2026, 11:29:04 |                                      |

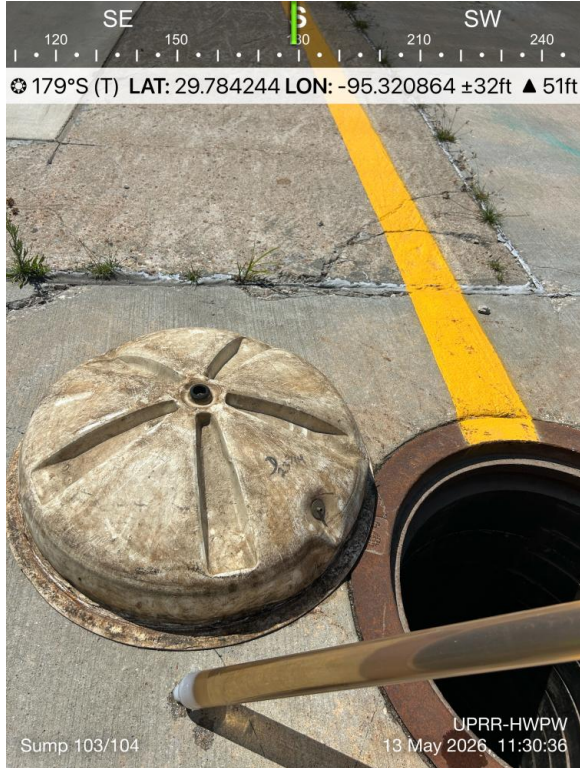


## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                               |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                                                                                                                                                                                                    | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                                     |
| <b>Photo No.</b><br>61                                                                                                                                                      | <b>Inspection Date:</b><br>05/06/2026 |                                                                                                                                                                                                                                                                       | <div><div><div>S150180210240270SWW</div><div>215°SW (T) LAT: 29.784182 LON: -95.320989 ±13ft ▲ 53ft</div><div></div><div>Sump 107/108UPRR-HWPW06 May 2026, 11:28:02</div></div></div> |
| <b>Photo No.</b><br>62                                                                                                                                                      | <b>Inspection Date:</b><br>05/13/2026 |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                          |
| <b>Description:</b><br>Sump 1 (B99/B100), 0.0 inches of freeboard in sump. Color is light brown, and no sheen or odor was reported.<br><br>Lat: 29.78429<br>Long: -95.32076 |                                       | <div><div><div>E90120150180SESW</div><div>132°SE (T) LAT: 29.784289 LON: -95.320760 ±19ft ▲ 50ft</div><div></div><div>Sump 99/100UPRR-HWPW13 May 2026, 11:31:21</div></div></div> |                                                                                                                                                                                                                                                                          |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                 |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas | <b>Project No.</b><br>US0039040.3990                                                 |
| <b>Photo No.</b><br>63                                                                                                                                                        | <b>Inspection Date:</b><br>05/13/2026 |                                                                    |   |
| <b>Description:</b><br>Sump 2 (B103/B104), 37.7 inches of freeboard in sump. Color is light brown, and no sheen or odor was reported.<br><br>Lat: 29.78424<br>Long: -95.32086 |                                       |                                                                    |                                                                                      |
| <b>Photo No.</b><br>64                                                                                                                                                        | <b>Inspection Date:</b><br>05/13/2026 |                                                                    |  |
| <b>Description:</b><br>Sump 3 (B107/B108), 36.9 inches of freeboard in sump. Color is light brown, and no sheen or odor was reported.<br><br>Lat: 29.78419<br>Long: -95.32097 |                                       |                                                                    |                                                                                      |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                           |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                                                                                                                                                                                                                                                                                                      | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                                                                                                                                  |
| <b>Photo No.</b><br>65                                                                                                                                                                  | <b>Inspection Date:</b><br>05/20/2026 |                                                                                                                                                                                                                                                                                                                                                                         | <div><div><div>SE</div><div>S</div><div>SW</div></div><div><div>120</div><div>150</div><div>180</div><div>210</div><div>240</div></div><div>☉ 177°S (T) LAT: 29.784295 LON: -95.320757 ±9ft ▲ 49ft</div><div></div><div>Sump 99/100UPRR-HWPW<br/>20 May 2026, 11:40:35</div></div> |
| <b>Photo No.</b><br>66                                                                                                                                                                  | <b>Inspection Date:</b><br>05/20/2026 |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description:</b><br>Sump 1 (B99/B100), 0.0 inches of freeboard in sump. Color is light brown, and a sheen was observed. No odor was reported.<br><br>Lat: 29.7843<br>Long: -95.32076 |                                       | <div><div><div>SE</div><div>S</div><div>SW</div></div><div><div>120</div><div>150</div><div>180</div><div>210</div><div>240</div></div><div>☉ 183°S (T) LAT: 29.784251 LON: -95.320863 ±6ft ▲ 54ft</div><div></div><div>Sump 103/104UPRR-HWPW<br/>20 May 2026, 11:41:34</div></div> |                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description:</b><br>Sump 2 (B103/B104), 30.0 inches of freeboard in sump. Color is clear, and no sheen or odor was reported.<br><br>Lat: 29.78425<br>Long: -95.32086                 |                                       |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                       |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                                                                              |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                                                                                 | <b>Project No.</b><br>US0039040.3990 |
| <b>Photo No.</b><br>67                                                                                                                                                                                                                                     | <b>Inspection Date:</b><br>05/20/2026 |                                                                                                                                                    |                                      |
| <b>Description:</b><br>Sump 3 (B107/B108), 29.6 inches of freeboard in sump. Color is clear, and no sheen or odor was reported.<br><br>Lat: 29.78419<br>Long: -95.32101                                                                                    |                                       |  <p>Sump 107/108</p> <p>UPRR-HWPW<br/>20 May 2026, 11:42:47</p> |                                      |
| <b>Photo No.</b><br>68                                                                                                                                                                                                                                     | <b>Inspection Date:</b><br>05/27/2026 |                                                                                                                                                    |                                      |
| <b>Description:</b><br>Sump 1 (B99/B100), freeboard could not be measured due to ponding. Standing water from recent and on-going rain event. Color is light brown, and a sheen was observed. No odor was reported.<br><br>Lat: 29.7843<br>Long: -95.32077 |                                       |  <p>Sump 99/100</p> <p>UPRR-HWPW<br/>27 May 2026, 13:22:03</p> |                                      |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas | <b>Project No.</b><br>US0039040.3990 |
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| <b>Photo No.</b><br>69 | <b>Inspection Date:</b><br>05/27/2026 |
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**Description:**

Sump 2 (B103/B104), 21.6 inches of freeboard in sump. Color is clear, and no sheen or odor was reported.

Lat: 29.78424  
Long: -95.3209

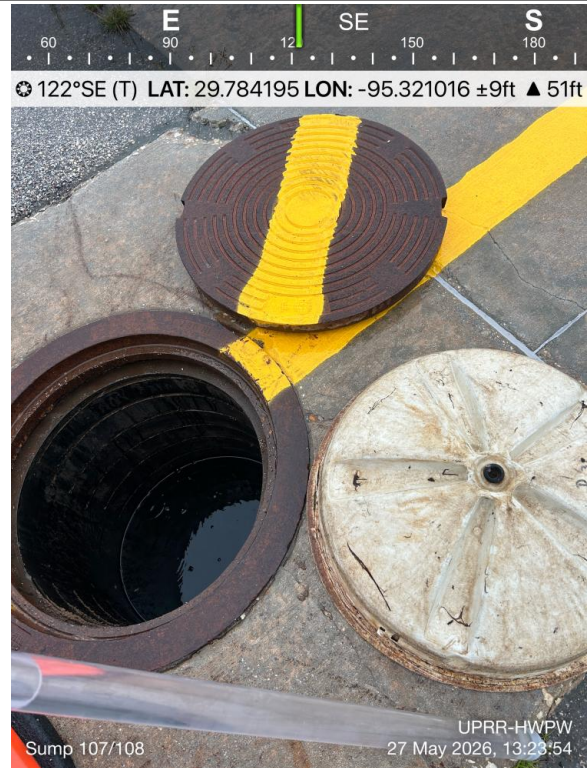


|                        |                                       |
|------------------------|---------------------------------------|
| <b>Photo No.</b><br>70 | <b>Inspection Date:</b><br>05/27/2026 |
|------------------------|---------------------------------------|

**Description:**

Sump 3 (B107/B108), 21.1 inches of freeboard in sump. Color is clear, and no sheen or odor was reported.

Lat: 29.7842  
Long: -95.32102





## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                              |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                                      |
| <b>Photo No.</b><br>71                                                                                                                                                                                     | <b>Inspection Date:</b><br>05/06/2026 |                                                                    | <div>SE S SW W<br/>120 150 180 210 240 270 300</div> <div>☉ 212°SW (T) LAT: 29.784155 LON: -95.320955 ±26ft ▲ 44ft</div> <div><div>B107 UPRR-HWPW<br/>06 May 2026, 11:17:45</div></div> |
| <b>Description:</b><br>B107 weekly inspection of joint. Surrounding concrete in good condition. Approximately 3.75 cubic inches of NAPL observed at seep location.<br><br>Lat: 29.78416<br>Long: -95.32096 |                                       |                                                                    |                                                                                                                                                                                                                                                                           |
| <b>Photo No.</b><br>72                                                                                                                                                                                     | <b>Inspection Date:</b><br>05/06/2026 |                                                                    | <div>S SN W<br/>180 210 240 270</div> <div>☉ 225°SW (T) LAT: 29.784153 LON: -95.320951 ±13ft ▲ 44ft</div> <div><div>B107 UPRR-HWPW<br/>06 May 2026, 11:43:18</div></div>              |
| <b>Description:</b><br>B107 weekly inspection of joint. Surrounding concrete in good condition. Approximately 3.75 cubic inches of NAPL observed at seep location.<br><br>Lat: 29.78415<br>Long: -95.32095 |                                       |                                                                    |                                                                                                                                                                                                                                                                           |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                              |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                                                                                                                                                                                          | <b>Project No.</b><br>US0039040.3990 |
| <b>Photo No.</b><br>73                                                                                                                                                                                     | <b>Inspection Date:</b><br>05/13/2026 | <div><div>S180210240270300330SWWNW</div><div>☉ 257°W (T) LAT: 29.784142 LON: -95.320950 ±26ft ▲ 48ft</div><div><div>B107UPRR-HWPW13 May 2026, 10:50:47</div></div></div> |                                      |
| <b>Photo No.</b><br>74                                                                                                                                                                                     | <b>Inspection Date:</b><br>05/13/2026 | <div><div>S150180210240270SWWNW</div><div>☉ 213°SW (T) LAT: 29.784141 LON: -95.320956 ±32ft ▲ 49ft</div><div><div>B107UPRR-HWPW13 May 2026, 11:56:02</div></div></div>  |                                      |
| <b>Description:</b><br>B107 weekly inspection of joint. Surrounding concrete in good condition. Approximately 2.63 cubic inches of NAPL observed at seep location.<br><br>Lat: 29.78414<br>Long: -95.32095 |                                       | <b>Description:</b><br>B107 weekly inspection of joint. Surrounding concrete in good condition. Approximately 2.63 cubic inches of NAPL observed at seep location.<br><br>Lat: 29.78414<br>Long: -95.32096                                                  |                                      |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                              |  | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                   |  | <b>Project No.</b><br>US0039040.3990 |  |
| <b>Photo No.</b><br>75                                                                                                                                                                                     |  | <b>Inspection Date:</b><br>05/20/2026                                                |  |                                      |  |
| <b>Description:</b><br>B107 weekly inspection of joint. Surrounding concrete in good condition. Approximately 2.81 cubic inches of NAPL observed at seep location.<br><br>Lat: 29.78416<br>Long: -95.32094 |  |    |  |                                      |  |
|                                                                                                                                                                                                            |  |   |  |                                      |  |
| <b>Photo No.</b><br>76                                                                                                                                                                                     |  | <b>Inspection Date:</b><br>05/20/2026                                                |  |                                      |  |
| <b>Description:</b><br>B107 weekly inspection of joint. Surrounding concrete in good condition. Approximately 2.81 cubic inches of NAPL observed at seep location.<br><br>Lat: 29.78416<br>Long: -95.32095 |  |  |  |                                      |  |
|                                                                                                                                                                                                            |  |  |  |                                      |  |

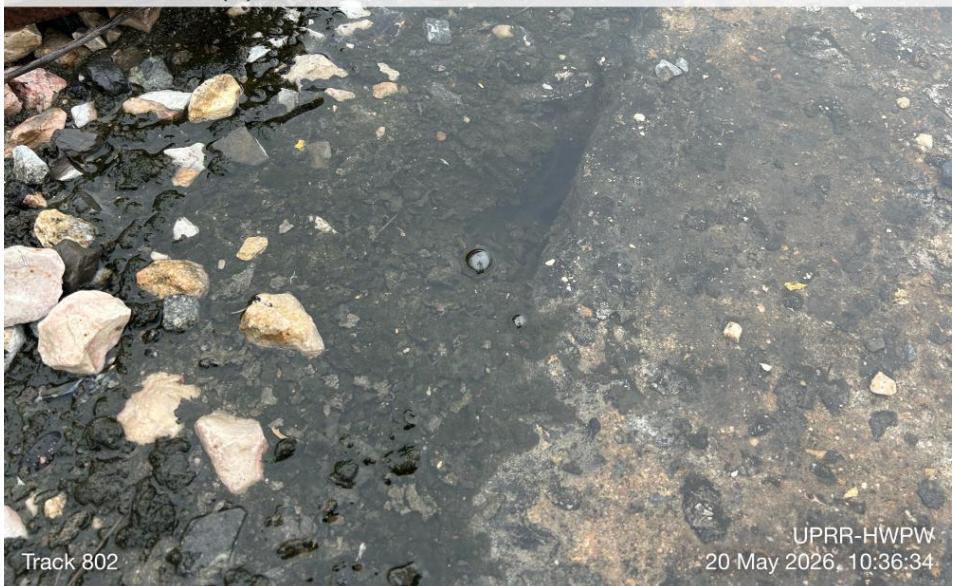


## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                      |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                            |
| <b>Photo No.</b><br>77                                                                                                                                                                             | <b>Inspection Date:</b><br>05/27/2026 |                                                                    | <div><div><div>N0306090120150</div><div>82°E (T) LAT: 29.784147 LON: -95.320970 ±22ft ▲ 51ft</div><div>B107UPRR-HWPW<br/>27 May 2026, 13:13:34</div></div></div>             |
| <b>Photo No.</b><br>78                                                                                                                                                                             | <b>Inspection Date:</b><br>05/06/2026 |                                                                    | <div><div><div>S180210240270300330</div><div>239°SW (T) LAT: 29.784861 LON: -95.321179 ±9ft ▲ 31ft</div><div>Track 802UPRR-HWPW<br/>06 May 2026, 10:33:31</div></div></div> |
| <b>Description:</b><br>B107 weekly inspection of joint. Surrounding concrete in good condition. No active NAPL seep observed along joint.<br><br>Lat: 29.78415<br>Long: -95.32097                  |                                       |                                                                    |                                                                                                                                                                                                                                                                 |
| <b>Description:</b><br>Track 802 weekly inspection of track. Surrounding concrete and ballast in good condition. No active NAPL seep observed along joint.<br><br>Lat: 29.78486<br>Long: -95.32118 |                                       |                                                                    |                                                                                                                                                                                                                                                                 |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                      |  | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas |  | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                                                            |  |
| <b>Photo No.</b><br>79                                                                                                                                                                             |  | <b>Inspection Date:</b><br>05/13/2026                              |  | <div><div><div>N030NE60E90SE150</div><div>3300306090120150</div></div><div>60°NE (T) LAT: 29.784912 LON: -95.321218 ±29ft ▲ 56ft</div><div>Track 802UPRR-HWPW<br/>13 May 2026, 10:15:46</div></div>          |  |
| <b>Description:</b><br>Track 802 weekly inspection of track. Surrounding concrete and ballast in good condition. No active NAPL seep observed along joint.<br><br>Lat: 29.78491<br>Long: -95.32122 |  |                                                                    |  |                                                                                                                                                                                                                                                                                                 |  |
| <b>Photo No.</b><br>80                                                                                                                                                                             |  | <b>Inspection Date:</b><br>05/20/2026                              |  | <div><div><div>SE150S180SW210W270300</div><div>0150180210240270300</div></div><div>216°SW (T) LAT: 29.784922 LON: -95.321193 ±9ft ▲ 45ft</div><div>Track 802UPRR-HWPW<br/>20 May 2026, 10:36:34</div></div> |  |
| <b>Description:</b><br>Track 802 weekly inspection of track. Surrounding concrete and ballast in good condition. No active NAPL seep observed along joint.<br><br>Lat: 29.78492<br>Long: -95.32119 |  |                                                                    |  |                                                                                                                                                                                                                                                                                                 |  |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                      |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                                                                                                                                                                                                        | <b>Project No.</b><br>US0039040.3990 |
| <b>Photo No.</b><br>81                                                                                                                                                                             | <b>Inspection Date:</b><br>05/27/2026 | <div><div>N030NE60E90SE120150</div><div>68°E (T) LAT: 29.784929 LON: -95.321178 ±13ft ▲ 69ft</div><div><p>Track 802</p><p>UPRR-HWPW<br/>27 May 2026, 12:29:55</p></div></div>          |                                      |
| <b>Photo No.</b><br>82                                                                                                                                                                             | <b>Inspection Date:</b><br>05/06/2026 | <div><div>E150S180SW210240W270300NW</div><div>231°SW (T) LAT: 29.784237 LON: -95.320848 ±9ft ▲ 49ft</div><div><p>B102 Center</p><p>UPRR-HWPW<br/>06 May 2026 11:17:04</p></div></div> |                                      |
| <b>Description:</b><br>Track 802 weekly inspection of track. Surrounding concrete and ballast in good condition. No active NAPL seep observed along joint.<br><br>Lat: 29.78493<br>Long: -95.32118 |                                       | <b>Description:</b><br>B102 Center weekly inspection of previously identified seep. Surrounding asphalt in good condition. No active NAPL seep observed along joint.<br><br>Lat: 29.78424<br>Long: -95.32085                                                              |                                      |

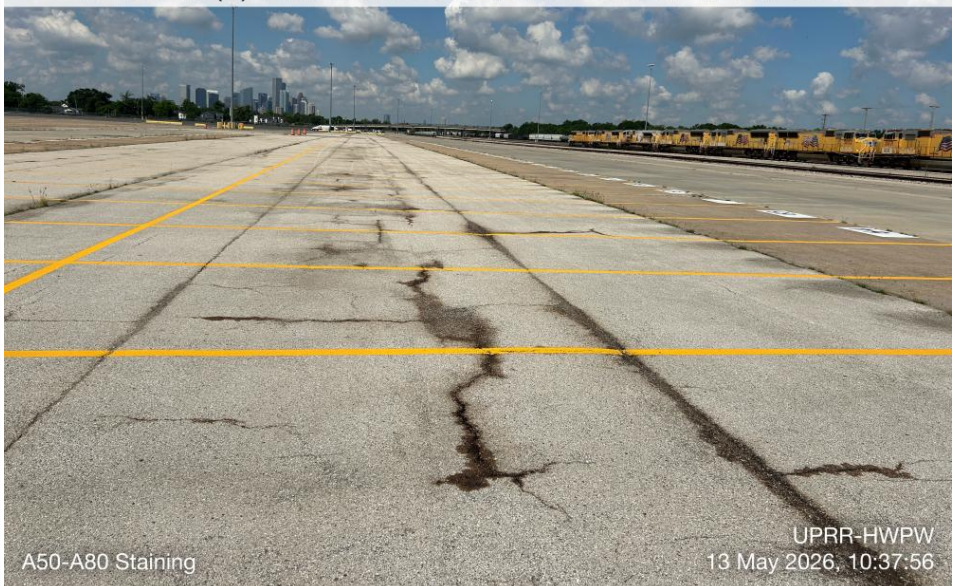


## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                                |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                                                                                         |
| <b>Photo No.</b><br>83                                                                                                                                                                                       | <b>Inspection Date:</b><br>05/13/2026 |                                                                    | <div><div><div>S</div><div>SW</div><div>W</div><div>NW</div></div><div>0 180 210 240 270 300 330</div><div>☉ 246°SW (T) LAT: 29.784236 LON: -95.320849 ±19ft ▲ 48ft</div><div>B102 Center UPRR-HWPW<br/>13 May 2026, 10:50:04</div></div> |
| <b>Photo No.</b><br>84                                                                                                                                                                                       | <b>Inspection Date:</b><br>05/20/2026 |                                                                    | <div><div><div>E</div><div>SE</div><div>S</div><div>SW</div></div><div>90 120 150 180 210 240</div><div>☉ 156°SE (T) LAT: 29.784259 LON: -95.320829 ±9ft ▲ 51ft</div><div>B102 Center UPRR-HWPW<br/>20 May 2026, 11:30:59</div></div>    |
| <b>Description:</b><br>B102 Center weekly inspection of previously identified seep. Surrounding asphalt in good condition. No active NAPL seep observed along joint.<br><br>Lat: 29.78424<br>Long: -95.32085 |                                       |                                                                    |                                                                                                                                                                                                                                                                                                                              |
| <b>Description:</b><br>B102 Center weekly inspection of previously identified seep. Surrounding asphalt in good condition. No active NAPL seep observed along joint.<br><br>Lat: 29.78426<br>Long: -95.32083 |                                       |                                                                    |                                                                                                                                                                                                                                                                                                                              |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                                                                                |  | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                                                                                       |  | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                                                         |  |
| <b>Photo No.</b><br>85                                                                                                                                                                                       |  | <b>Inspection Date:</b><br>05/27/2026                                                                                                                    |  | <div><div><div>ESESW</div><div>609012015180210240</div><div>☼ 152°SE (T) LAT: 29.784288 LON: -95.320840 ±160ft ▲ 73ft</div><div><div>B102 CenterUPRR-HWPW27 May 2026, 13:12:35</div></div></div></div>    |  |
| <b>Photo No.</b><br>86                                                                                                                                                                                       |  | <b>Inspection Date:</b><br>05/13/2026                                                                                                                    |  | <div><div><div>SSWNW</div><div>180210240270300330</div><div>☼ 253°W (T) LAT: 29.784846 LON: -95.319711 ±6ft ▲ 52ft</div><div><div>A50-A80 StainingUPRR-HWPW13 May 2026, 10:37:56</div></div></div></div> |  |
| <b>Description:</b><br>B102 Center weekly inspection of previously identified seep. Surrounding asphalt in good condition. No active NAPL seep observed along joint.<br><br>Lat: 29.78429<br>Long: -95.32084 |  | <b>Description:</b><br>Brown water staining along the joint that runs from stall A050 through A080. Facing west.<br><br>Lat: 29.78485<br>Long: -95.31971 |  |                                                                                                                                                                                                                                                                                              |  |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                         |                                       | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas                                                                                                                                                                                                                          | <b>Project No.</b><br>US0039040.3990 |
| <b>Photo No.</b><br>87                                                                                                                | <b>Inspection Date:</b><br>05/20/2026 | <br>☼ 250°W (T) LAT: 29.784917 LON: -95.319583 ±9ft ▲ 51ft<br><br>A-55 Staining UPRR-HWPW<br>20 May 2026, 11:12:31     |                                      |
| <b>Photo No.</b><br>88                                                                                                                | <b>Inspection Date:</b><br>05/20/2026 | <br>☼ 224°SW (T) LAT: 29.784779 LON: -95.319899 ±9ft ▲ 54ft<br><br>A-68 Staining UPRR-HWPW<br>20 May 2026, 11:15:58 |                                      |
| <b>Description:</b><br>Brown water staining along the joint that runs at stall A055. Facing west.<br>Lat: 29.78492<br>Long: -95.31958 |                                       | <b>Description:</b><br>Brown water staining along the joint that runs at stall A068. Facing southwest.<br>Lat: 29.78478<br>Long: -95.3199                                                                                                                                                   |                                      |



## PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                             |  | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas |  | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                                 |  |
| <b>Photo No.</b><br>89                                                                                                                    |  | <b>Inspection Date:</b><br>05/20/2026                              |  | <div><div><div>S180SW210240W270NW300330</div><div>☼ 251°W (T) LAT: 29.784733 LON: -95.320033 ±9ft ▲ 58ft</div><div>A-72 StainingUPRR-HWPW20 May 2026, 11:17:10</div></div></div>  |  |
| <b>Description:</b><br>Brown water staining along the joint that runs at stall A072. Facing west.<br><br>Lat: 29.78473<br>Long: -95.32003 |  |                                                                    |  |                                                                                                                                                                                                                                                                      |  |
| <b>Photo No.</b><br>90                                                                                                                    |  | <b>Inspection Date:</b><br>05/20/2026                              |  | <div><div><div>S180SW210240W270NW300330</div><div>☼ 261°W (T) LAT: 29.784647 LON: -95.320155 ±9ft ▲ 59ft</div><div>A-77 StainingUPRR-HWPW20 May 2026, 11:18:00</div></div></div> |  |
| <b>Description:</b><br>Brown water staining along the joint that runs at stall A077. Facing west.<br><br>Lat: 29.78465<br>Long: -95.32016 |  |                                                                    |  |                                                                                                                                                                                                                                                                      |  |



PHOTOGRAPH LOG

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| <b>Client Name:</b><br>Union Pacific Railroad                                                                                                  | <b>Site Location:</b><br>Englewood Intermodal Yard, Houston, Texas | <b>Project No.</b><br>US0039040.3990                                                                                                                                                                                                                                                                                                                       |
| <b>Photo No.</b><br>91                                                                                                                         | <b>Inspection Date:</b><br>05/27/2026                              | <div><div><div>S</div><div>SW</div><div>W</div><div>NW</div></div><div>50180210240270300330</div><div>☼ 244°SW (T) LAT: 29.784805 LON: -95.319836 ±13ft ▲ 50ft</div><div></div><div><div>A65 (Staining)</div><div>UPRR-HWPW<br/>27 May 2026, 12:52:02</div></div></div> |
| <b>Description:</b><br>Brown water staining along the joint that runs at stall A065. Facing southwest.<br><br>Lat: 29.78481<br>Long: -95.31984 |                                                                    |                                                                                                                                                                                                                                                                                                                                                            |