



August 15, 2021

Project No. 19119232

**Ms. Maureen Hatfield**

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 – NAPL COLLECTION SYSTEM/CONCRETE CAP REPAIRS  
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 Ms. Hatfield:

Golder Associates Inc. (Golder), a member of WSP, on behalf of Union Pacific Railroad Company (UPRR), is pleased to provide this monthly status update for July 2021 for inspections conducted at the Englewood Intermodal Yard concrete cap area within the UPRR Houston Wood Preserving Works Facility (the Site). Monthly status updates were requested by the Texas Commission on Environmental Quality (TCEQ) in a letter dated March 20, 2018.

The non-aqueous phase liquid (NAPL) Collection System was installed in the Englewood Intermodal Yard in January 2019 to address the tar-like substance seeps within parking slots B100 to B109 (for container trailers). The following is a summary of the observations from the weekly inspections of the NAPL Collection System and Englewood Intermodal Yard concrete pavement near the collection system for July 2021 (photographs from the weekly inspections are provided in Attachment A):

- The water levels in Sump 1 (B099/B100 slots), Sump 2 (B103/B104 slots), and Sump 3 (B107/B108 slots) were at the top of the sumps during the July 7<sup>th</sup> and July 14<sup>th</sup> weekly inspections. The sumps were pumped down on July 15, 2021. Approximately 10,000 gallons were removed from the sumps during the pump down event. The water level in Sump 1 recovered to the top of the sump by July 21, 2021. The water levels in Sumps 2 and 3 recovered to 37 inches and 35.5 inches from the top of the sumps, respectively, by July 29, 2021. Water level data for the sumps are available in Table 1. The water in the sumps was observed as being brown in color. No sheens or odors were reported during the July 2021 inspections or pump down.
- The NAPL collection sumps have continued to be checked weekly for DNAPL using an interface probe. Even though no measurable DNAPL has been noted, a dipper tool has continued to be used to further evaluate the presence of and recover DNAPL, if present, from the bottom of each of the sumps during the weekly inspections. However, no DNAPL was observed or encountered using the dipper tool during

the weekly inspection during July. In addition, no DNAPL was visually observed or recovered from Sump 1, 2, or 3 during the July pump down event.

- A very small tar-like NAPL surface seep was observed near the NAPL Collection System area in stall B105 during two of the four inspections in July (July 7<sup>th</sup> and 29<sup>th</sup>) (Photo Nos. 7 and 37). For areas outside the NAPL Collection System, small amounts of tar-like material were observed on the concrete surface in stalls A022 and B102 during each inspection event in July. Tar-like material observed during the inspection events was recovered using a hand tool to scrape up the material. During July, the number of tar-like material seeps observed during inspections and the total amount of material removed from the concrete surface decreased compared to the June inspections. A total of approximately 1.2 gallons of tar-like material was recovered for the month and placed in a drum for disposal. The drum is staged at the Container Storage Area (CSA).
- No widespread brown water seeping or staining was observed during the July inspections. UPRR will continue to have a remediation contractor pressure wash the areas where the brown staining and seeps are observed as needed.
- Golder, on behalf of UPRR, submitted to the TCEQ the Englewood IM Yard Test Pit Evaluation Report dated June 2, 2021 summarizing the findings from the test pits installed in July 2020 including weekly inspections since the installation. During the weekly inspections through July 2021, no NAPL seeps have been observed at the seven test pit locations (slots A010, A021, A098, B013, B057, B096, and B108). During the June 30, 2021 inspection, concrete patches covering test pits in slots B013 and B096 were observed to be damaged. During the July 7, 2021 inspection, concrete patches in slots A010 and B057 were observed to be damaged. The A021 concrete patch was observed to be damaged on July 29, 2021. UPRR will coordinate with a subcontractor to repair the concrete patches.
- Weekly site inspections of the NAPL Collection System and Englewood Intermodal Yard concrete pavement near the collection system will continue to be conducted. 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. No measurable NAPL has been detected in the sumps using the interface probe through July 2021.

If you have any questions or need additional information, please feel free to call us at (512) 671-3434 or Mr. Kevin Peterburs of UPRR at (414) 267-4164.

Sincerely,

**Golder Associates Inc.**



Eric C. Matzner, P.G.  
Principal / Program Leader



Eric Pastor, P.E.  
Principal / Program Leader

CC: Mr. Kevin Peterburs, UPRR – Milwaukee, WI  
Ms. Alma Jefferson, Waste Section Manager, TCEQ Region 12, Houston

Attachment Table 1 – NAPL Measurements – NAPL Collection System Sumps  
Weekly Inspection Photolog

**ATTACHMENT A**

# Weekly Inspection Photolog

**TABLE**