



December 15, 2021

Ms. Maureen Hatfield, P.G.

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

**RE: WEEKLY STATUS UPDATE – ENGLEWOOD YARD NORTH BYPASS PROJECT
UNION PACIFIC RAILROAD HOUSTON WOOD PRESERVING WORKS SITE
4910 LIBERTY ROAD FACILITY, HOUSTON, TEXAS
POST-CLOSURE CARE PERMIT NO. 50343, INDUSTRIAL SWR NO. 31547**

Dear Ms. Hatfield:

Golder Associates USA Inc. (Golder), a member of WSP, on behalf of Union Pacific Railroad (UPRR), prepared this weekly status update for the Englewood Yard North By-Pass Project (the Project) that includes areas of construction within the UPRR Houston Wood Preserving Works (HWPW) site (the Site) (Post-Closure Care Permit No. 50343) located at 4910 Liberty Road, Houston, Texas. Below is a summary of the Project activities conducted at the Site for the reporting period:

Week Period: *December 6 through December 12, 2021*

- **Dust Control and Air Monitoring (summary taken from IHST Weekly Report of Air Monitoring (Attachment A))**
 - IHST conducted real time air and dust monitoring at the Site in accordance with the Air Monitoring Plan (July 8, 2021), and the results for this period are provided in Attachment A.
 - There were no events where PM 2.5 and PM 10 readings increased above the Take-Action Level or Stop-Work Level during the monitoring period. As indicated in the IHST Weekly Report (Attachment A) and detailed below, the following notable events were observed during the monitoring period:
 - On December 6, 2021, between about 08:00 and 08:45, elevations in PM 2.5 and PM 10 particulates were noted at station AMS-08, located near the south side of Liberty Road at the Liberty Road gate to the former Houston Wood Preserving Works Site. Investigation showed the source of the elevated particulate readings was from work a municipal road crew was conducting using a Gradall excavator on Liberty Road in the immediate area north of Station AMS-08. Particulate readings did not reach Take-Action or Stop-Work Levels. The same time-pattern of elevated particulate readings were observed, though to a lesser degree, at stations AMS-07 (near Liberty and Clementine) and AMS-06 (near Liberty and

Erastus). The particulate elevations in this instance did not result from site construction activities.

- On December 7, 2021, between about 13:00 and 15:00, abnormally low readings were noted at station AMS-11, on the southwest side of the former Houston Wood Preserving Works site near Quitman. Investigation found the station to have fallen or been knocked over. The station was righted and resumed functioning normally.
- On December 8, 2021, from station start-up until around noon, particulate levels at all stations were elevated, though not reaching Take-Action or Stop-Work Levels. Site activities were not generating significant visible dust. An odor of trash and/or wood burning was noticeable along the northern boundary of the former Houston Wood Preserving Works site, though no visible smoke or haze was evident. No response actions were implemented, as particulate level increases were not the result of site activities but appeared to result from an unidentified burning event impacting the site.
- On December 9, 2021, from about 07:30 – 08:52, elevations in particulate levels were seen on the westernmost stations on the former Houston Wood Preserving Works site (AMS-09, AMS-10a, and AMS-11) and the intermodal yard (AMS-AMS-04 and AMS-13). Particulate levels did not reach Take-Action or Stop-Work Levels. Around 09:00, a dump truck was being used to off load some gravel on the west end of the North Bypass service road, near station AMS-11. However, this activity generated little significant visible dust and took place after the peak levels were reached. In addition, winds were steadily from the south and southwest that morning, placing stations on the west end of the intermodal yard (AMS-04 and AMS-13) with similar elevated particulate levels (in both time and magnitude) upwind of the gravel off-loading. No soil generation activities were being conducted onsite that generated dust. These circumstances indicated the elevated particulate levels on the westerly end of the cap area and intermodal yard were not the result of construction activities. Skies were generally hazy and overcast throughout the day and no specific source of additional particulate generation could be identified. No corrective actions were implemented, but particulate levels and site activities were closely monitored until levels on the western boundaries dropped to those similar to the other stations.
- Air samples for analytical testing were collected on December 7 and 8, 2021, and submitted to the Pace National Laboratory in Mt. Juliet, TN (Pace) on December 9, 2021 for analysis.
- Analytical results for samples collected on December 7 and 8, 2021, 2021 will be validated and posted to the weekly update. It is anticipated that the validated data will be available the week of **December 20, 2021.**
- Results of Integrated Air Samples for Metals (arsenic and lead) collected on November 16, 17, 22, 23, 30, and December 1, 2021, indicated that there were no exceedances of TCEQ Air Monitoring Comparison Values (AMCV) (see Attachment A for the analytical results).
- Analytical results of Integrated Air Samples for Polycyclic Aromatic Hydrocarbons (PAH) collected on November 30 and December 1, 2021 have been received from the laboratory and are undergoing data validation procedures. It is anticipated that the validated data for these samples will be available the week of **December 20, 2021.**
- **Soil Management**
 - Anticipated construction activities for this reporting period included the excavation of a utility trench, however excavation activities were delayed due to equipment repairs.

- Construction activities conducted within in the Project area included the removal of 15 power poles.
- Construction activities conducted during this weekly period did not result in the generation of excavated soils within the Project area.
- **Stormwater Management**
 - There was no rainfall during this weekly period that resulted in management of stormwater within the Project area.

Planned Construction Activities for the week between **December 13 and December 19, 2021**:

- **Dust Control and Air Monitoring**
 - Continue to conduct air monitoring per the approved Plan.
 - Review and validate the analytical results for air samples collected on November 30, December 1, 7, and 8, 2021.
- **Soil Management**
 - Manage excavated soils, in the event excavated soils are generated, per the approved Soil Management Plan (SMP).
- **Stormwater Management**
 - Manage stormwater, in the event of rainfall in the area, per the approved Storm Water Pollution Prevention Plan (SWPPP).

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

Sincerely,

Golder Associates USA Inc.



Jacqueline M. Engel
Project Geologist



Eric Matzner
Practice Leader/ Principal