# Taking Action for Environmental Renewal & Community Wellness

Former Houston Wood Preserving Works

#### SITE HISTORY

The former Houston Wood Preserving Works (HWPW) site, once owned and operated by Southern Pacific, was a wood treatment facility in Fifth Ward from 1911-1984. While operational, the facility treated wooden railroad ties (the rectangular "support beams" of the track) with creosote, a commonly-used chemical preservative of the time, created from wood or coal tar.

Over time, creosote and other wood-treating chemicals migrated through the soil to groundwater zones, with some chemicals dissolving into the groundwater and creating groundwater plumes. No water from the site plume is consumed or used in any manner.

#### CLEANUP EFFORTS & REGULATORY AGENCIES

Since taking over the former HWPW site in 1997, Union Pacific Railroad has maintained cleanup of the site in accordance with federal and state regulations issued by the U.S. Environmental Protection Agency (EPA) and Texas Commission on Environmental Quality (TCEQ).

More than 11,000 tons of creosote-impacted soil was consolidated onsite and covered with a soil cap in 2016 to prevent exposure to the community. Union Pacific conducted over 110 quarterly site inspections since 1994, when the initial permit was effective.



#### AREA DRINKING WATER

Union Pacific is committed to protecting the community from environmental hazards. Studies have not revealed a significant pathway for the contamination to reach any residents living near the former HWPW site, and drinking water has been deemed safe by the City of Houston and EPA.

### **FAST FACTS**



Years of continuous cleanup efforts in coordination with regulatory agencies and the community.



Regulatory agencies with unique testing and evaluation criteria that Union Pacific is responsible for meeting.

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Groundwater monitoring wells installed by Union Pacific within the site and surrounding areas.

Groundwater samples tested as a part of cleanup efforts.

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## A revised Remedial Action Plan (RAP) was submitted to the TCEQ in August 2020 detailing the proposed response actions for the onsite and off-site



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