



Legend

- ⬡ Soil Boring Sample Location - no exceedance
- ⬡ Soil Boring Sample Location - exceedance of the EPA RSL child noncarcinogenic
- - - - - Approximate Site Boundary

Analyte (ng/Kg)	EPA RSL Non-carcinogenic ¹
Dioxins & Furans Total TCDD TEQ ²	51

(1) Environmental Protection Agency (EPA) Regional Screening Level (RSL) for residential soils noncarcinogenic child screening level with a target hazard index (HI) = 1.0
 (2) Total dioxin toxicity equivalence based on the World Health Organization-2005 toxic equivalency factors.
 (3) HHD-20 - Dioxins/Furans concentration was 0.000912 mg/Kg which is just below the Tier 1 total soil combined PCL of 0.001 mg/Kg.



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July 2022 Soil Sampling Event

Surface Soil Sample Locations taken by the Houston Health Department on July 2022

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Figure 2 Soil Sample Results Dioxin & Furans

July 2022

Houston Health Dept.
Neighborhood Around Former
UPRR-Houston Wood Preserving
Works Site

