

Source/source area description
The Site includes the property at 2301 Taylor Way ("Taylor Way Property") in the Commencement Bay industrial area and to the extent that the contaminants originating from the Taylor Way property may have impacted adjacent properties, this RI includes the former Murray Pacific Property to the north and the area referred to as the "North Boundary Area" (NBA) on the former Arkema Property to the southeast. Mineral fiber insulation products were produced on the Taylor Way Property between 1946 and 2002.
Local demographics comments
The census track identifies 4 of 10 EJScreen demographics indicators greater than the 80th percentile for Washington. The WA Tracking Network score is 10. The EJFlag criterion is met.
Soil comments
Arsenic is a contaminant of concern in soil and groundwater, as well as surface water due to the proximity of the Hylebos Waterway and nearby storm drain lines that discharge to the Hylebos Waterway. Lead is a contaminant of concern in soil, but not in groundwater or surface water.
Groundwater comments
Arsenic is a contaminant of concern in soil and groundwater, as well as surface water due to the proximity of the Hylebos Waterway and nearby storm drain lines that discharge to the Hylebos Waterway.
Groundwater data indicate that shallow groundwater within and downgradient of the former Bunker C remediation
Surface water comments
Arsenic is a contaminant of concern in soil and groundwater, as well as surface water due to the proximity of the Hylebos Waterway and nearby storm drain lines that discharge to the Hylebos Waterway.
Groundwater data indicate that shallow groundwater within and downgradient of the former Bunker C remediation area has some impact by very weathered heavy end petroleum hydrocarbons. Considering the proximity of the hydrocarbon
Sediment comments
Similar to surface water, aquatic biota and humans through consumption of aquatic biota are likely receptors as a result of sediment impacts.
Indoor air comments
no comments
Additional factors comments
COPCs onsite include metals and heavy-end petroleum hydrocarbons. The site is on Commencement Bay and subject to sea level rise.
Site narrative summary
<p>Slag obtained from ASARCO's copper smelter in Ruston, Washington was used as raw material from at least 1959 to 1973. ASARCO slag was later found to typically contain high concentrations of metals, including arsenic, copper, lead, cadmium, zinc, antimony, and silver. However, arsenic and lead are typically the metals that drive cleanups at sites contaminated by ASARCO slag, with arsenic being the primary driver due to its relative toxicity and mobility. These metals were also present in the some of the waste products produced at the Taylor Way facility (baghouse dust, a sand-sized cylindrical material called "shot," cupola bottom material, and off-spec product) and therefore became a source of contamination on the Taylor Way Property.</p> <p>Interim actions on the Taylor Way Property have removed substantial amounts of arsenic-containing sources in soils (i.e., baghouse dust, shot, slag, and off-spec material). However, there are areas, generally within the upper 4 feet, where scattered pieces of slag and thin lenses of shot or slag exist. At two locations source material was identified at depths of 6 to 7 feet bgs. The preponderance of soil data, combined with the groundwater data, indicate the most highly leachable source material (i.e., baghouse dust) has been substantially removed throughout the Taylor Way Property.</p>

USG Taylor Way Plant

SHA

02/01/2024

SHARP First Ranking

Medium SHARP Rating