



# FLOODPLAIN 1

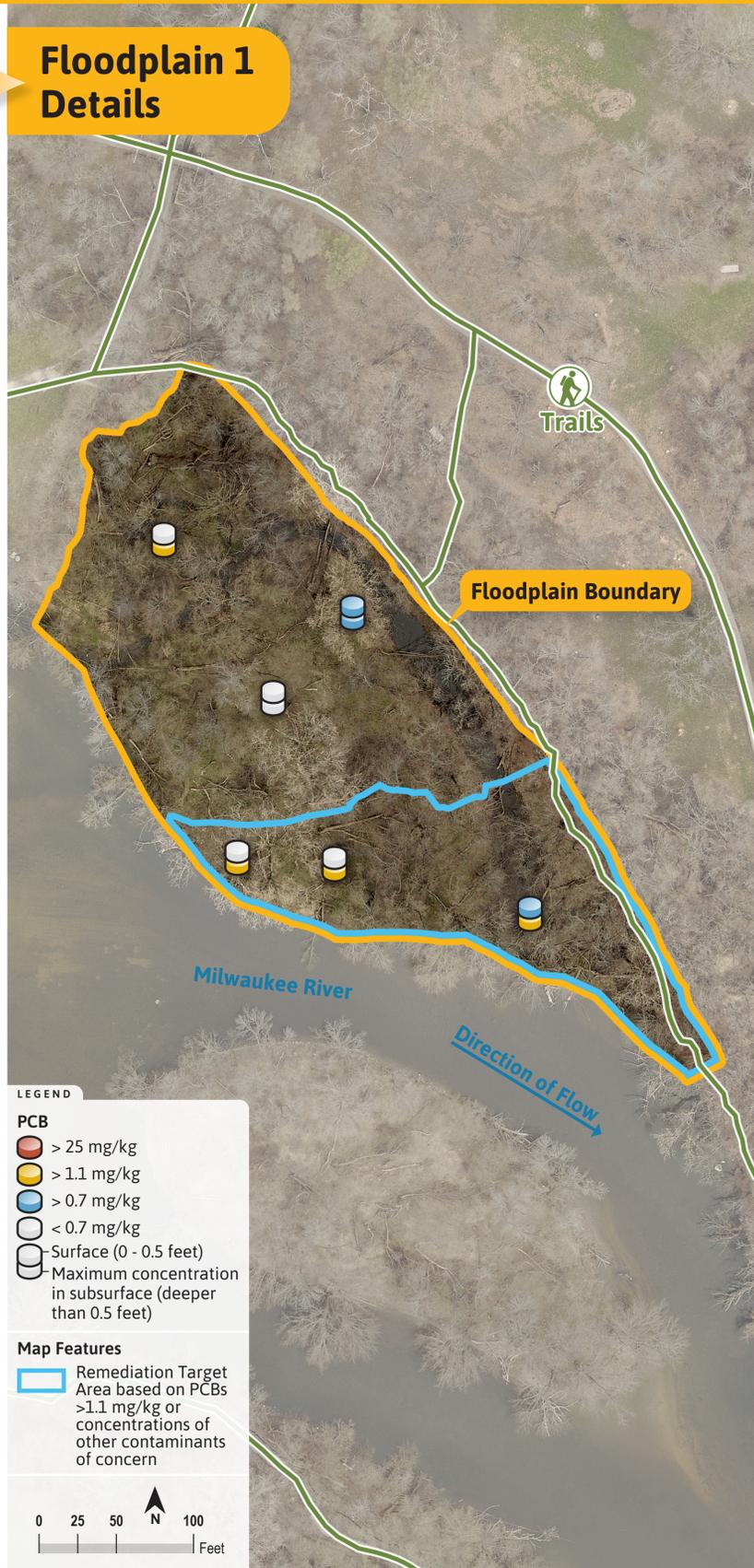
Northern Portion of Estabrook Park—  
South of W. Hampton Avenue



**WATERWAY  
RESTORATION  
PARTNERSHIP**  
MILWAUKEE ESTUARY AREA OF CONCERN



**Floodplain  
Overview**



**Floodplain 1  
Details**

## Floodplain and Cleanup Features

- Floodplain area: **1.9 acres**
- Cleanup plans: **Excavation and backfill or use of existing soil and vegetative cover**
- Cleanup area: **0.7 acres**
- Volume to be removed: **4,300 cubic yards**
- Likely maximum excavation depth: **4 feet below existing ground**
- Contaminants of concern in soil:
  - PCBs (polychlorinated biphenyls 0.04 – 10.7 mg/kg)
  - Benzo(a)pyrene (0.09 – 5.7 mg/kg)
  - Metals (arsenic 2 – 6.8 mg/kg and lead 7.4 – 219 mg/kg)

## Habitat Features

- **Current**
  - River sediment cleanup completed upstream of Estabrook Park (Lincoln Creek/Lincoln Park areas, 2013/2015)
  - Regularly inundated during spring or higher water conditions; backwater conditions within lower elevations during lower water periods.
  - 90% forested (floodplain or southern mesic) with 82% wetland
- **Future considerations**
  - Evaluation of restoration activities including retaining a lower elevation after excavation, eliminating invasives, and planting native species

