

Anacostia River Sediment Project

**Richard Jackson – Deputy Director Environmental Services Administration
District Department of Energy & Environment**

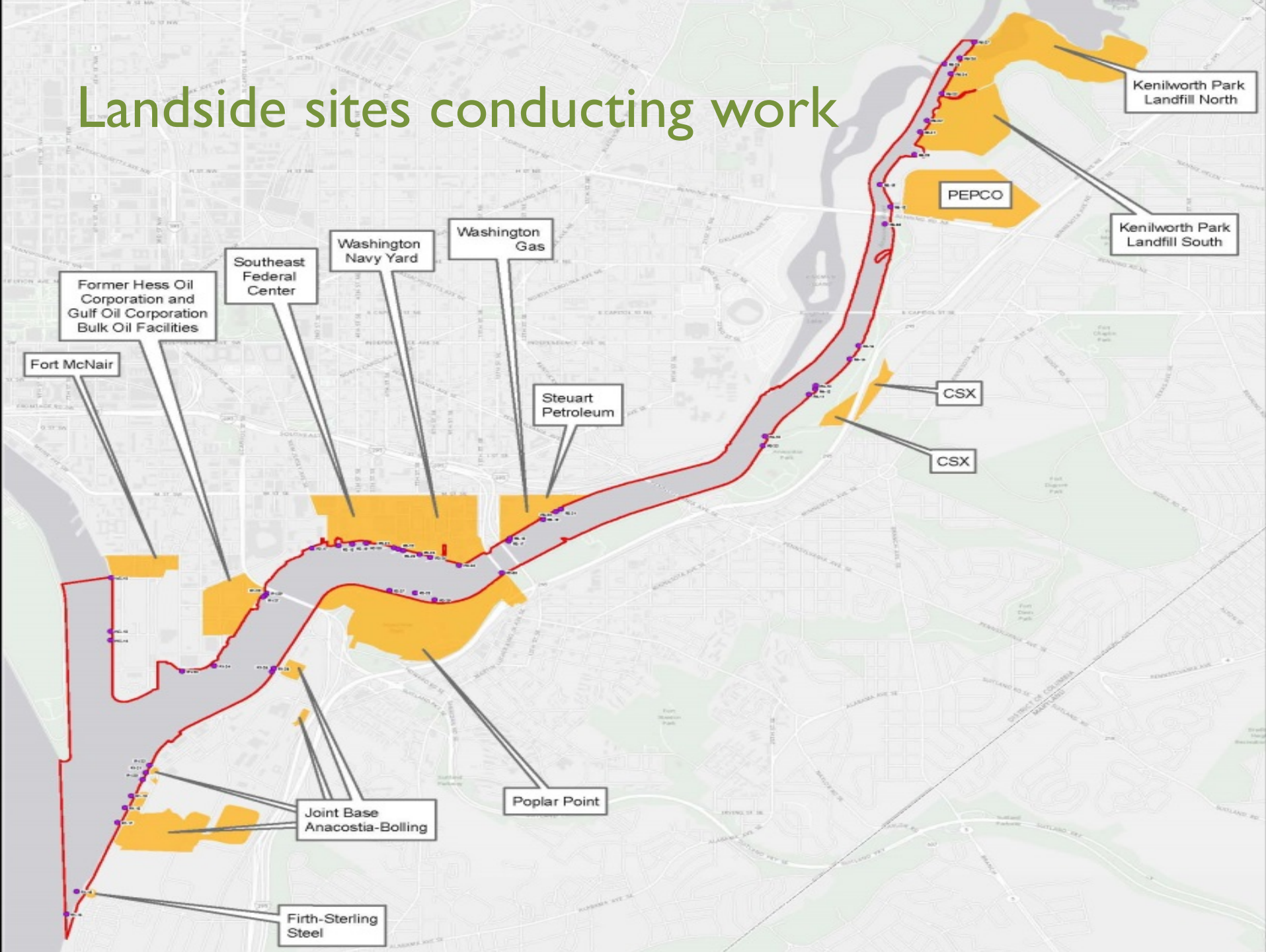
Oct 2, 2018



- From NW and NE Branch to Potomac River (9-mile section)
- Washington Channel
- Seven sites under investigation in study area



Landside sites conducting work



Overview: Remedial Investigation

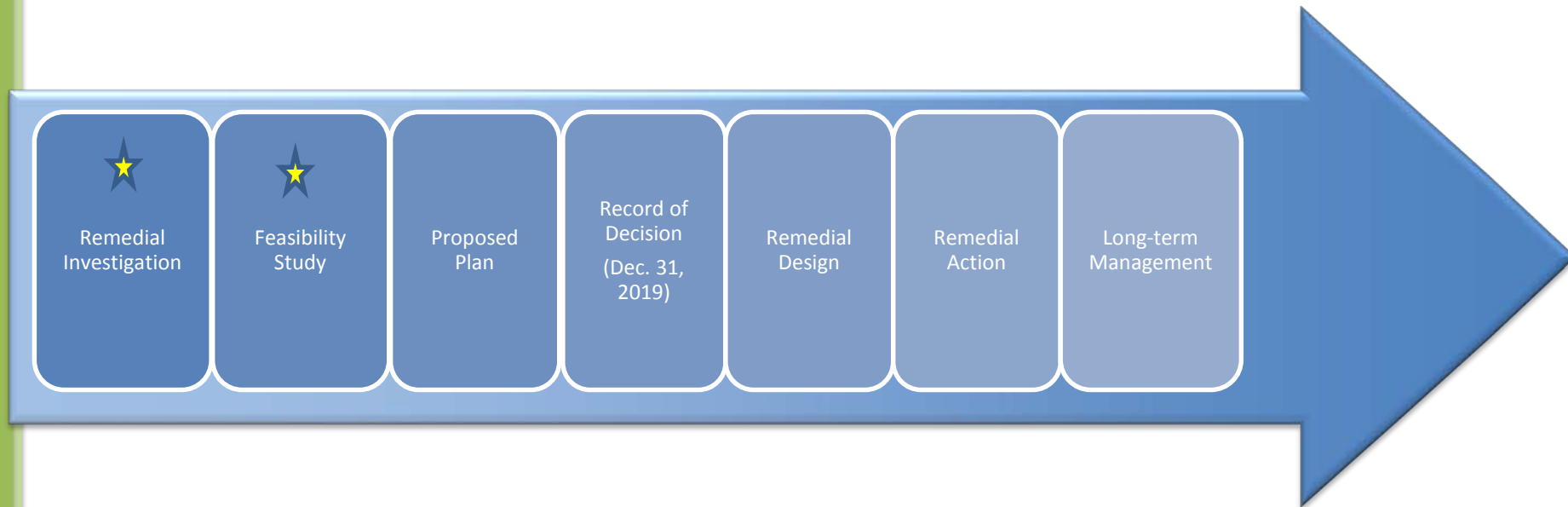
- Determine nature and extent of contamination
- Characterize site to evaluate human health & ecological risks
- Characterize site to support a Feasibility Study



Timeline for Project

DOEE is currently developing:

- Finalizing Remedial Investigation Report
- Draft Feasibility Study



Chemicals of Concern

Ecological

- **Polychlorinated Biphenyls (PCBs)**
- Dioxins
- **Polycyclic Aromatic Hydrocarbons (PAHs)**
- Pesticides
- Lead, silver, mercury

Human Health

- **PCBs**
- Dioxins
- **PAHs**
- Pesticides

Anacostia Unique Challenges

- Urban River-What is Background?
- Remediation Goals- What is Clean?
- Small Watershed- Not Enough Water
- Potential for Recontamination
- Multiple Consent Orders
- National Park Requirements
- Limited Space for Handling Dredge Spoils

Potential Sources

- Upstream Contamination
- Agricultural and Urban Runoff
- Storm Sewers
- Discharge Pipes
- 14 Potential Environmental Cleanup Sites
- Contaminated Groundwater

DC Water Tunnel Project = 1st Leg of Project

- **March 28, 2018**
- *New tunnel segment (7 miles) reduces combined sewer overflows to Anacostia by more than 80 percent, holds 100 million gallons of combined sewage*
- Improve the river's health in heavy rainfalls and deliver it to the Blue Plains Advanced Wastewater Treatment Plant for treatment.

Year of the Anacostia

- 2018 is a big year for the Anacostia River corridor in Washington, DC and Maryland. The open space along the slow and gentle river was preserved as park land in an act of Congress on August 31, 1918 — **100 years ago.**
- 200th Birthday of Frederick Douglass: the “Lion of the Anacostia”

Toxics Release Inventory (TRI) Program

- The Toxics Release Inventory (TRI) is a resource for learning about toxic chemical releases and pollution prevention activities reported by industrial and federal facilities. TRI data support informed decision-making by communities, government agencies, companies, and others. Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) created the TRI Program.

Reporting Criteria

If a facility meets **all three** of the criteria below, it must report to the TRI Program:



Is in a [specific industry sector](#) (e.g., manufacturing, mining, electric power generation)



Employs 10 or more full-time equivalent employees



Manufactures, processes, or otherwise uses a [TRI-listed chemical](#) in quantities above threshold levels in a given year.

<https://www.epa.gov/toxics-release-inventory-tri-program/basics-tri-reporting>

Questions?



Dev Murali, RPM
202-548-4387 dev.murali@dc.gov
<http://doee.dc.gov/anacostiasediment>

Richard Jackson, Deputy Director
202-654-6017
richard.jackson2@dc.gov