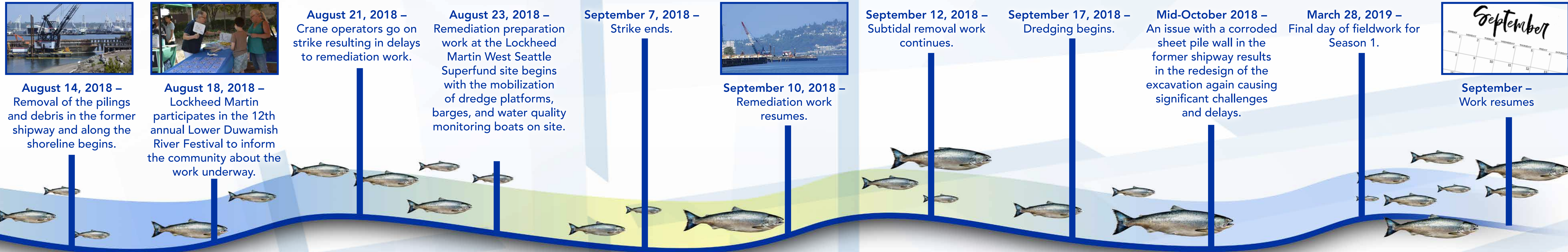


LOCKHEED WEST SEATTLE REMEDIATION SITE

Superfund Site Season 1 Timeline - Major Milestones



Dredging in shipway viewed from Jack Block Park



Dredge and fill platforms



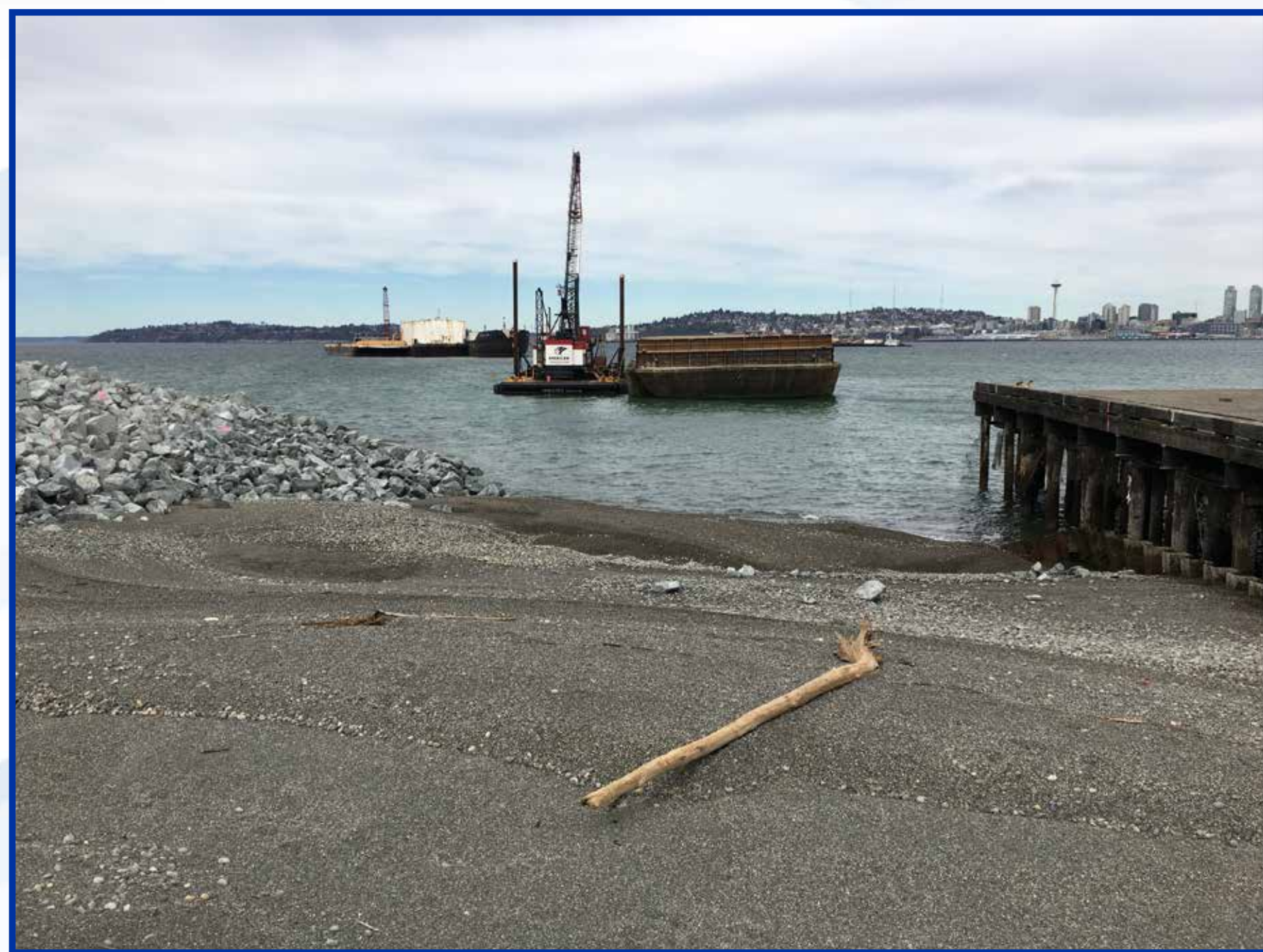
Debris and piling removal



Lower tier bulkhead post removal



T 5 Shipway 2015 Before



T 5 Shipway Mar 27, 2019 After



Sediment sampling after dredging



Sediment core sample



Water quality sampling



Recreation in harbor West Seattle

First Season By The Numbers

The numbers below reflect the work conducted during Season 1. Work for season ended March 31, 2019.

- 750 PILES – Removed.
- 1237 TONS DEBRIS – Removed.
- 114,000 TONS CONTAMINATED SEDIMENTS – Removed.
- 39,000 TONS OF SAND – Placed for enhanced natural recovery (ENR) and for a residuals management layer (RML) across the site. These are protective cover materials and represent approximately 64% of the design ENR and about 12% of the design RML.

- 124 POST-CONFIRMATION SEDIMENT CORES – Collected and processed.
- 18,000 PLUS TONS PROTECTIVE RIP RAP AND FILTER ROCK – Placed in the dry dock slopes and former shipway areas.
- 12,500 PLUS TONS SAND, FISH MIX, AND GRAVEL BEACH MIX – Placed in the intertidal and subtidal areas.
- 0 – COMPLAINTS – Coordination at the work site with Native American fishers was excellent with no damaged fishing nets and no complaints from the Tribes or the community.
- The waste is disposed of at the licensed Waste Management Columbia Ridge Landfill in Oregon.

Interesting Environmental Factoids

- 126,000 GALLONS – Fuel saved by using rail to transport dredge spoils instead of trucking!
- 1400 TONS – Amount of carbon dioxide (CO₂) emissions reduced!
- 500 POUNDS PLUS – Amount of aluminum, paper, and plastic from the site recycled!

COMMUNITY OUTREACH - CONTACT INFORMATION

Lockheed Martin has communicated regularly with the community as part of a government agency and industry team that includes the corporation, USEPA, and numerous state and federal agencies.

The Muckleshoot and Suquamish Indian Tribes, which have usual and accustomed fishing area rights, have been consulted at key points during the cleanup.

Project updates and additional information can be found on Lockheed Martin's website.

Piper Peterson
 USEPA Site Manager
 peterson.piper@epa.gov
 206.553.4951



Meghan Macdonald, Manager, Media Relations
 Lockheed Martin Corporation
 6801 Rockledge Dr., Bethesda, MD 20817
 800.449.4486
 www.lockheedmartin.com/seattle

