

## Final Cleanup Decision Available

Seattle, Washington

August 2013

The Record of Decision selecting a final cleanup plan for the Lockheed West Superfund Site has been issued by the U.S. Environmental Protection Agency. The site is located in Elliott Bay near the mouth of the West Waterway, offshore of 3443 West Marginal Way SW in Seattle, Washington. EPA Superfund Program Manager Cami Grandinetti signed the Record of Decision on August 28, 2013.

### About the Cleanup

The final cleanup plan reduces risks to people and wildlife from contaminated sediments by:

- Dredging and disposing of dredged sediments and other materials at a permitted landfill
- Adding a thin layer of clean material across the entire site to enhance natural recovery and cover dredged areas
- Continuing the Washington State Department of Health fish advisory to make people aware of risks from eating contaminated seafood
- Removing debris and pilings

This plan results in the fewest restrictions to maritime activities and future uses and respects the usual and accustomed fishing rights of the Suquamish and Muckleshoot Tribes.

The EPA evaluated several options for site cleanup and proposed a cleanup plan that was made available for public review from July 2 to August 3, 2012.

A public meeting was held on July 19, 2012, to present information to community members and to take their comments.

The Lockheed West cleanup will remove contamination from a 40-acre area in Elliott Bay. More than 151,000 cubic yards of sediment will be dredged from the sub-tidal area and an additional 15,800 cubic yards will be excavated or dredged from the shoreline and intertidal area. Cleanup planning and construction will be completed in two years. EPA will monitor the site during and after the cleanup to ensure that the cleanup is effective. Monitoring will be conducted to support EPA's Five Year Review process.

### Lockheed West and Elliott Bay

The Lockheed West Superfund Site is near several other Superfund sites in Elliott Bay, including Harbor Island, East Waterway, Pacific Sound Resources and the Lower Duwamish Waterway.

Over time, the sediment cleanups at all of these sites in this busy industrial area will likely improve the environmental quality of Elliott Bay and will help protect fish, wildlife and people from being exposed to contamination.

At this time, pollution in the remainder of Elliott Bay continues to affect contamination levels in fish tissue. As a result, a fish advisory will still be needed after this cleanup is completed. The cleanup will not change the water quality in Elliott Bay. Removing contaminated sediments at the Lockheed West site is not sufficient to bring arsenic into compliance with ambient water quality standards. Because of this, the EPA Record of Decision waives the arsenic standards as "technically impracticable" to meet.



## Lockheed West and the Local Community

The final cleanup action for the Lockheed West Superfund Site will protect the health of the community and the surrounding environment. The cleanup site is located underwater in an industrial area of West Seattle. Impacts on the closest residents and commercial or industrial neighbors could include additional noise from dredging and truck traffic during construction. Contact information will be posted outside the site, and mailed to nearby neighborhoods, so neighbors can easily report problems. Methods for reducing traffic impacts will be evaluated during the design phase. No public land access to the site exists now.



### **Make Healthy Fish Choices**

Visit the Washington Department of Health's website for more information on healthy fish choices in Puget Sound and Elliott Bay at: <http://go.usa.gov/DaCT>

## Background

Before the turn of the century, the Lockheed West area was an intertidal delta at the mouth of the Duwamish River. The area was developed with many separate dredging and filling actions creating today's industrial shoreline.

Shipyards activities began at the site during World War II. The site was first occupied by Puget Sound Bridge and Dredge Company. It was purchased by the Lockheed Shipbuilding and Construction Company in 1959. In the following decades, activities included ship berthing, repair and maintenance at dry docks, moorage along piers, construction in the shipway, and associated upland activities. Lockheed Martin ceased operation in 1987 after 45 years of continuous use. The Port of Seattle purchased the property in 1988.

Decades of shipyard activities and related discharges at the Lockheed West site resulted in many contaminants accumulating in the mud along the shoreline, immediately offshore and in Elliott Bay that posed a risk to people and the environment.

The site was added to EPA's National Priorities List in 2007. Studies confirmed the location of harmful contaminants in the sediment, including the risk drivers polychlorinated biphenyls (PCBs), metals, dioxins/furans, tributyltin (TBT), and carcinogenic polycyclic aromatic hydrocarbons (cPAHs).

People who come into contact with the mud could be exposed to this contamination. In addition, these contaminants are taken up by fish, shellfish and birds, placing people who eat fish and shellfish from this area at a higher risk. Cleanup is needed to reduce contaminants in mud-dwelling animals, fish, shellfish and birds, and to reduce people's exposure to contaminated mud through net fishing, beach play, clamming or eating resident fish.

The Lockheed Martin Corporation is responsible for cleanup of the property with oversight from the U.S. Environmental Protection Agency. The estimated cost of cleanup is \$48.1 million.

## **For Information, Contact:**

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View or download a copy of the **Record of Decision** at: <http://go.usa.gov/DaNR>

📄 If you need materials in an alternative format, please contact Renee Dagseth.

**TTY users:** please call the Federal Relay Service, 800-877-8339 and ask for Renee Dagseth at 206-553-1889



## ***Lockheed West Superfund Site Record of Decision***

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***➤ Details Inside***

### ***Learn More on the Web***

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[http://www.epa.gov/region10/pdf/sites/lockheed\\_west\\_seattle/lockheed\\_west\\_rod\\_0813.pdf](http://www.epa.gov/region10/pdf/sites/lockheed_west_seattle/lockheed_west_rod_0813.pdf)

Information on healthy fish choices in Puget Sound and Elliott Bay

<http://www.doh.wa.gov/CommunityandEnvironment/Food/Fish.aspx>

