

Focus Puget Sound

Port Gardner Bay



WASHINGTON STATE
Department of Ecology

The Everett waterfront is a treasure, serving local and regional needs for business and industry, recreation, housing and cultural activities. The PUGET SOUND INITIATIVE is focusing energy and resources on cleaning up contaminated waterfront sites. In Everett, local, state and federal agencies, local Native American tribes, businesses and property owners are working to restore the waterfront – cleaning up several old industrial sites and restoring waterfront areas for fish, animals and people. This unique, baywide collaboration means more cleanups and restoration are happening faster. Important waterfront uses – marinas, parks, recreation, housing, fishing, cultural uses and others – can thrive in a revitalized and healthy waterfront environment.

The action is in the bay - Port Gardner Bay. The map on the right highlights several ongoing activities, all aimed at making the area, and Puget Sound, healthier. Read on, and learn how you can be part of renewing the Everett waterfront!

Cleanups Support Other Waterfront Opportunities



Waterfront industry plays a major role in Everett's history and today anchors the local economy. As waterfront sites are cleaned up and restored, marine industries can prosper.



People who use the waterfront, fish or forage in the bays and interact with the waterfront environment, will benefit as toxics, debris and sources of contamination are removed from the environment. Improving human health is a major goal of the Puget Sound Initiative.



Historically, fish, birds and wildlife thrived in Port Gardner Bay. By cleaning up pollution and improving habitat in the water and on the shorelines, healthy fish and wildlife populations will benefit – on the Everett waterfront and across the Sound.



Regionally, people are increasingly drawn to the gorgeous natural resources of the Everett area to live, work and play. Waterfront cleanups and restoration will open up opportunities for housing, recreation and an overall great quality of life.

Port Gardner Bay



Site By Site

See The Waterfront Get Better



Weyerhaeuser Mill A Former

From the 1890s to the early 1980s, the Weyerhaeuser Mill A Former site was used for sawmill and pulp mill operations. Samples collected from adjacent marine sediments were found to contain a large volume of wood waste, as well as contaminants including metals, polychlorinated biphenyls (PCBs), polycyclic aromatic hydrocarbons (PAHs), phenols and dioxin/furans. Cleanup of the site will focus on remediation of contaminated sediments in Port Gardner Bay and will include investigations for upland soil and groundwater quality, which if contaminated will undergo cleanup.



Bay Wood Products

The Bay Wood Products site is a former sawmill (from the 1930s to the 1970s) and log handling and storage facility (1979 to 1994) located at the confluence of the Snohomish River and Port Gardner Bay near the Maulsby Mudflats. PCB-contaminated soil was removed from the site in 1985 and 1993. Wood waste has been found in upland soil and in adjacent in-water areas (embedded in the sediments). Much of the wood waste in the upland portion of the site was removed in 1995. More research is needed to fully characterize potential contamination at the site including surrounding in-water areas.



Everett Shipyard Inc.

Everett Shipyard has maintained shipyard activities at this site since its founding as Fishermen's Boat Shop in 1947. The shipyard has historically conducted marine vessel repairs and currently conducts vessel repair that includes tank evacuations, equipment disassembly, sandblasting, woodwork and metalwork, painting and mechanical repairs. Soil samples collected at the site and marine sediment samples taken next to the site were found to contain a variety of contaminants including metals, wood preservatives, heavy oils, PAHs and phthalates. Further investigation of the site, which is part of the Port of Everett's North Marina Redevelopment Project (known as Port Gardner Wharf), will identify the extent of site contamination and alternatives for cleanup.



Jeld-Wen

The old Nord Door wooden door plant at the Jeld-Wen property located on the Snohomish River waterfront will be investigated to identify soil, groundwater and sediment contamination at the site. Investigations to date have identified various petroleum products and other pollutants in soil and groundwater. Site contaminants may be a result of the former wood door plant and machine shop's manufacturing and production processes, as well as from a previous owner's pole treating yard.



ExxonMobil ADC

This ExxonMobil ADC site was a former petroleum bulk storage and distribution facility. An earlier investigation resulted in building an interceptor trench for petroleum recovery, placing an impermeable liner to prevent spread of contamination and building a site cover to keep surface water out of subsurface soils. Petroleum gauging and recovery occurs (e.g. replacement of absorbent socks) on a monthly basis and the site's groundwater is monitored semi-annually. Further investigation will be conducted to evaluate the extent of petroleum contamination and develop cleanup options for the site.



North Marina Ameron/Hulbert

The North Marina Ameron/Hulbert site is also part of the Port of Everett's North Marina Redevelopment Project. Metals, petroleum and other substances contaminate soil and groundwater at this site. They likely came from historical lumber mill operations and other industries. The Port has completed extensive investigation and partial cleanup of the site, but more investigation and cleanup work is needed to achieve final cleanup.



Riverside Business Park

The Riverside Business Park site was home to former Weyerhaeuser sawmills and is located within the former Everett ASARCO Smelter site. Contamination associated with the former mills has been addressed under a prior cleanup action; however, arsenic contamination caused by the former Everett Smelter still remains. Future cleanup activities are partially dependent on the outcome of a settlement with ASARCO, currently pending in bankruptcy proceedings.



North Marina West End

Used for commercial, marine and industrial purposes since the 1900s, the North Marina West End site has a variety of contaminants including metals, PAHs, and vinyl chloride. The Port has completed extensive investigation and partial cleanup of the site, but more investigation and cleanup work is needed to achieve final cleanup. The North Marina West End site is also part of the Port of Everett's North Marina Redevelopment Project.



East Waterway

The East Waterway is a deepwater port and industrial area with many sources of sediment contamination resulting from historical and current industrial and municipal discharges, as well as log rafting, which contributed to high levels of organic carbon and deposition of wood debris. Historical sediment data show a variety of contaminants including PAHs, phenols and some metals. The East Waterway is primarily used by the U.S. Navy for its base and deep-water shipping operations, and by Kimberly Clark for barging of wood chips and hog fuel. Portions of the East Waterway were sampled during the Port Gardner baywide sediment study. Sampling results will inform the prioritization of cleanup and restoration actions for the site.



Baywide Sediment Study

A baywide sediment investigation of Port Gardner and the lower Snohomish River Estuary was conducted by Ecology. The investigation was performed to: (1) characterize the current sediment quality of Port Gardner, (2) evaluate potential sources of contaminants in sediments, and (3) prioritize cleanups for areas that provide the greatest return in restored ecological values and function upon cleanup. The investigation results will be presented in a final report that is anticipated to be available in late spring/early summer of 2009.

Everett is your community, and you can help with this waterfront initiative. We invite you to contact us for more information:

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www.ecy.wa.gov/programs/tcp/cleanup.html

Watch for cleanup notices to review – we maintain a public information repository at the Everett Public Library. Look for the blue PUGET SOUND INITIATIVE cover.