

# **PUGET SOUND NAVAL SHIPYARD COMPLEX**

**WASHINGTON**

**EPA ID# WA2170023418**

**EPA Region 10**

**Kitsap County**

**Bremerton**

**6th Congressional District**

**Other Names: CHEMICAL  
DISPOSAL PIT, MOORING A, PCB  
STORAGE-PUGET SOUND  
NAVAL SHIPYARD, PUGET  
SOUND NAVAL SHIPYARD  
COMPLEX**

Last Update: April, 2002

## **▼Site Description**

The Puget Sound Naval Shipyard Complex site is located in Bremerton, along the Sinclair Inlet on Puget Sound, about 15 miles west of Seattle, Washington. The Navy has owned and operated facilities at this location since 1891. The complex covers about 350 acres of land and an additional 340 acres of tidelands along 11,000 feet of shoreline. Over 12,000 people are employed at the complex. The complex contains over 300 buildings and structures, six deep water piers, six dry docks, and numerous moorings. The Puget Sound Naval Shipyard (PSNS) is responsible for overhaul, maintenance, docking and decommissioning of ships. These activities generate large amounts of hazardous waste. The majority of the site is industrial and covered by pavement and buildings. Sinclair Inlet provides a habitat for a variety of marine life and is used for commercial fishing and recreational activities.

**Site Responsibility:** This site is being addressed through federal actions.

<b>NPL Listing History</b>	<b>Dates</b>
<b>Proposed Date:</b>	<b>05/10/93</b>
<b>Final Date:</b>	<b>05/31/94</b>
<b>Deleted Date:</b>	

# ▼Threats and Contaminants

## **Media Affected: Groundwater, Soil, Sludges & Sediments**

Petroleum hydrocarbons, heavy metals, semi-volatile organic compounds (semi-VOCs) and polychlorinated biphenyls (PCBs) have been identified in soil and sediments at a number of areas throughout the complex.

Groundwater is contaminated with petroleum hydrocarbons, heavy metals and, in some locations, volatile organic compounds (VOCs). Groundwater flows into Sinclair Inlet and is not currently used for drinking water. The primary hazards posed by the site are to tribal fisherman, marine life and recreational users of Sinclair Inlet. People also may be exposed to the contaminated soils and groundwater during on-site construction activity.

# ▼Cleanup Progress

The site was divided into three project areas for investigation:

**Operable Unit NSC:** The Record of Decision (ROD) for this area was signed in December, 1996. It is a 28-acre site. The selected remedy includes upgrading and maintaining the landfill cap, cleaning the storm drains, implementing institutional controls, and developing excavation management plans. All necessary construction work has been completed.

**Operable Unit-A:** The ROD was signed in January, 1997. This unit encompasses the 12-acre site at the western boundary of the shipyard. The selected remedy includes capping of the unpaved areas, upgrading the rip-rap barrier along Sinclair Inlet, implementing institutional controls, monitoring groundwater, and enhancing habitat. All necessary construction work has been completed.

**Operable Unit-B:** The on-going Remedial Investigation and Feasibility Study (RI/FS) for this project area includes the main industrial core of the shipyard and Sinclair Inlet sediments. It also includes an evaluation of all groundwater contamination via a site-wide groundwater model and other

(non-Navy) sources of contamination to Sinclair Inlet. An Early Action ROD for the marine portion of OUB was signed on June 13, 2000. The selected remedy includes dredging of contaminated sediments with on-site disposal in a large underwater pit, thick and thin-layer capping, and natural recovery. The contaminated sediment cleanup was designed to coincide with the Navy's planned navigational dredging project which began in June, 2000. All of the required construction, dredging and capping activities were completed in February, 2001. A final cap for the sediments disposal pit was completed in the October, 2001. The final RI/FS for OUB will be completed in the Spring of 2002, and a ROD addressing the upland portion of OUB is planned for the Fall of 2002.

## ▼Regional Contacts

**SITE MANAGER(S):**

Nancy Harney

**E-MAIL ADDRESS:**

harney.nancy@epa.gov

**PHONE NUMBER:**

206-553-6635

**COMMUNITY INVOLVEMENT**

**COORDINATOR:**

**E-MAIL ADDRESS**

**PHONE NUMBER:**

**Information pertaining to this site is housed at the following location(s):**

Engineering Field Activity Northwest (Administrative Record)

Naval Facilities Engineering Command

19917 7th Avenue NE  
Poulsbo, Washington 98370-7570  
(360) 396-0002

Kitsap Regional Library (Selected Documents)  
1301 Sylvan Way  
Bremerton, WA

Downtown Branch Library (Selected Documents)  
612 5th Street  
Bremerton, WA

Silverdale Branch Library (Selected Documents)  
3450 NW Carlton Street  
Silverdale, WA