

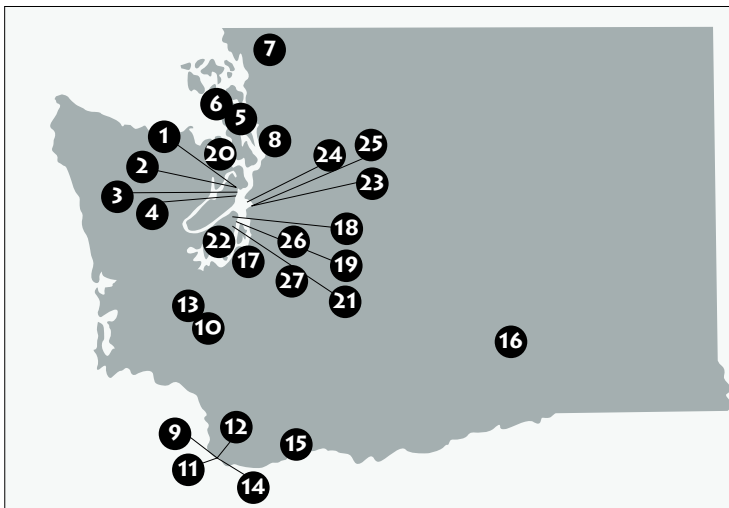
# NOAA Coastal Resource Coordination Program Washington Sites

OFFICE OF RESPONSE AND RESTORATION

## CRC PROGRAM MISSION...

NOAA acts on behalf of the Secretary of Commerce as a Federal trustee, under CERCLA and other laws, for natural resources in coastal and marine areas. NOAA's mandate is to protect and restore trust resources that are injured by Superfund site contaminants. NOAA fulfills its responsibilities through an effective network of Coastal Resource Coordinators (CRCs) placed in eight EPA regional offices, as well as an interdisciplinary support group located in Seattle. NOAA CRCs respond to local technical requirements by identifying risks to natural resources, recommending protective remedial measures, and designing projects to restore injured resources and habitats in cooperation with the U.S. EPA, the State of Washington, and other trustee agencies. Our goal is to ensure that future generations can enjoy the benefits

of healthy coastal ecosystems, abundant fishery stocks, and robust populations of marine mammals.



- 1... Bangor Naval Submarine Base Bangor\*
- 2... Bangor Ordnance Disposal Bangor
- 3... Naval Undersea Warfare Station Keyport\*
- 4... Wycoff/Eagle Harbor Bainbridge Island\*
- 5... Naval Air Station Ault Field Whidbey Island\*
- 6... Naval Air Station Seaplane Base Whidbey Island\*
- 7... Northwest Transformer Everson
- 8... Tulalip Landfill Marysville\*
- 9... Aluminum Company of America (ALCOA) Vancouver\*
- 10... American Crossarm and Conduit Chehalis\*

- 11... Bonneville Power Administration Ross Complex (DOE) Vancouver\*
- 12... Boomsnub / AIRCO Vancouver
- 13... Centralia Municipal Landfill Centralia\*
- 14... Vancouver Water Station #1 Vancouver
- 15... Hamilton Island Landfill North Bonneville\*
- 16... DOE Hanford Richland\*
- 17... Commencement Bay Tacoma\*
- 18... Jackson Park Housing Complex Bremerton
- 19... Old Navy Dump Manchester Lab. Manchester
- 20... Port Hadlock Detachment Indian Island
- 21... Puget Sound Naval Shipyard Bremerton\*
- 22... Strandley Manning Purdy\*
- 23... Harbor Island Seattle\*
- 24... Pacific Sound Resources Seattle
- 25... Washington Natural Gas Seattle
- 26... Seattle Municipal Landfill Kent
- 27... Western Processing Company Kent\*

NOAA has developed a one-page fact sheet for sites marked with an asterisk. The fact sheets provide a physical description of the site and the contamination present, list the NOAA resources of concern, and summarize NOAA's involvement in the cleanup process.

## NOAA TRUSTEE RESPONSIBILITY IN WASHINGTON...

NOAA trust species in Washington include anadromous fish (chinook, coho, sockeye, chum, pink, steelhead, rainbow, cutthroat, and Dolly Varden), as well as marine fish (surf smelt, American shad, Pacific herring, Pacific cod, Pacific tomcod

and other cods, walleye pollock, threespine stickleback, several species of perch, snake prickleback, Pacific sandlance, several species of rockfish, and white sturgeon). It also includes invertebrates like Dungeness crab and other species of crabs, clams, oysters, squid, and shrimp. The Columbia River and Puget Sound support economically important commercial and recreational fisheries. Puget Sound and the Strait of Juan de Fuca are well known breeding and haul-out areas for harbor seals, seasonal foraging areas for California sea lions, and foraging and migratory paths for gray, minke, and killer whales. Steller sea lions and Dall's porpoises also inhabit Washington's marine waters.

## NOAA CRCs AND THE SITE CLEANUP PROCESS...

NOAA CRCs provide technical expertise to EPA on resources and ecological risk assessment, mitigative measures, and cleanup strategies to ensure protection of NOAA trust resources. Federal and state trustees' early involvement and coordination in the scoping of ecological risk assessments ensures that assessments and the entire remedial process adequately evaluate the risk to natural resources. Designing a cleanup that protects natural resources as well as human health is a cost effective and efficient way to address the threat posed by coastal waste sites. Through CRC participation in the cleanup process, the government saves time and money by avoiding duplication of efforts and litigation. Responsible parties benefit from an early resolution of natural resource damage liability. Best of all, environmental threats are addressed sooner, increasing the chances for effective protection, recovery and/or restoration of coastal and marine resources.

## MILITARY INSTALLATIONS IN WASHINGTON...

Washington is dotted with over 337 military installations and formerly used defense areas, comprising 613 DoD sites. The nature of defense-related activities involves chemicals that are highly toxic and persistent in the environment. In Washington, military-related contaminants of concern include TNT and RDX residues, electroplating wastes, battery electrolites, mercury, lead, and other heavy metals, PCBs, pesticides, VOCs, and PAHs. NOAA CRCs have conducted coastal hazardous waste site reviews for Bangor Naval Submarine Base, Jackson Park Housing Complex, Naval Air Station Ault Field, Naval Air Station Seaplane Base, Old Navy Dump Manchester Lab., and Puget Sound Naval Shipyard. Other activities at this last site include review of site work plans and provisions for advice on bioassays. DoD has 91 installations contemplated for restoration in Washington. NOAA's input is needed now to ensure cleanups that are protective of coastal natural resources as well as human health. NOAA offers technical expertise and a neutral perspective valued by both the military and the local public.

## AREAS OF SPECIAL CONCERN IN WASHINGTON...

The NOAA CRC program works to protect and restore natural resources throughout Washington. However, Commencement Bay is of special concern because of the magnitude of the area impacted, the toxicity levels involved, and the importance of the Puyallup River system for anadromous species. NOAA has been extensively involved at this site, working with EPA to develop biological tests, to evaluate sediment chemistry and biological results to determine areas requiring remediation, and to evaluate proposed contaminated sediment disposal sites. NOAA continues to review work plans, sampling plans, data reports, models, and remedial designs. The NOAA CRC program has provided extensive support to EPA's risk-based PCB cleanup level work group to protect consumers of seafood. The staff are valued members in several work groups and interagency forums working to address the various sediment contamination issues of Commencement Bay. Other areas of concern are the Columbia River and the Duwamish-Green River systems, which provide important habitat for migrating and spawning anadromous fish.

## FYI...

For more information about NOAA's CRC program in Washington, please contact:

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