

## SITE FACT SHEET

### Warmhouse Beach Open Dump *Site 4*



**Description:** This site is an active open dump located at the head of two unnamed creeks; drainage is to the east and west via these creeks. The West Creek outfalls to Warmhouse Beach, and the East Creek outfalls west of Kydikabbit Point. From World War II until 1988, the site was used by the Makah AFS for disposal of household and various hazardous wastes.

**Community Impacts:** Metals and benzene are present in ground water; lead and arsenic were detected at concentrations above screening levels. Metals and diesel-range hydrocarbons are present in surface water; arsenic was detected at a concentration above the screening level. The concentrations of lead, nickel, and zinc in the upstream sediment samples (nearest to the waste) from both creeks exceeded screening levels.

**Investigations and Actions to Date:** Site survey and waste characterization conducted in 1995; hydrogeological investigation in 2001; monitoring well repair and sampling, sediment sampling, and surface water sampling in 2004; ground water, sediment, and surface water sampling during the March 2006 annual monitoring. Dump closure design in progress; design of a waste transfer station to replace the facility is complete; construction documents for transfer station are in progress.

**Planned Activities:** Conduct semi-annual sampling to monitor surface water and ground water; construct new transfer station (on a different site); and close and cap the dump.