

Sediments Investigation Final Report Available for Public Review and Comment



A PUGET SOUND INITIATIVE site

Reaching the goal of a healthy, sustainable Puget Sound now and forever!

Sediments Investigation Update

In April 2007, Ecology began a harborwide investigation of the sediments in Budd Inlet. Sediment samples were collected throughout the inlet and analyzed. Ecology recently received the final report detailing the results of this analysis. This report contains information about:

- Results of the sediment sample dioxin analysis.
- Results of the analysis used to try to determine the source of dioxins.
- Next steps in the investigation.

Ecology Wants Your Input!

Ecology is asking for your comments on the Sediments Investigation Study. Budd Inlet is one of several embayments that will be studied for cleanup under the state's Puget Sound Initiative. You are invited to:

- **Review** the Budd Inlet Sediment Characterization Study Final Report.
- **Send** your comments to Ecology for consideration. **Comments will be accepted May 12 through June 17, 2008.**
- **Attend** a public meeting and open house on **June 5, 2008**. More information about this event can be found on the back side of this fact sheet.

What Did We Find?

- The highest levels of dioxins were found at the Port's shipping berths (4212.5 and 230.6 parts per trillion or ppt), Moxlie Creek (60 ppt) and Hardel Mutual Plywood (59.8 ppt).
- Outside of the Port's shipping berths, levels of dioxins ranged from 2.9 to 60.3 ppt, with an average level of 19.9 ppt.
- North Budd Inlet had the lowest dioxin levels of any area sampled (average of 14.7 ppt).

Comments Accepted

May 12 through June 17, 2008

Submit Comments and Technical Questions to:

Rebecca S. Lawson, P.E., LHG
Project Manager
WA Department of Ecology
SWRO Toxics Cleanup Program
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E-mail: rlaw461@ecy.wa.gov

Public Involvement Contact:

Meg Bommarito
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Document Review Locations

Olympia Timberland Library
313 8th Avenue SE
Olympia, WA 98501
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WA Department of Ecology
Southwest Regional Office
300 Desmond Drive SE
Lacey, WA 98503

By appointment only:
Contact Debbie Nelson,
dene461@ecy.wa.gov or
(360) 407-6365

Ecology's Toxics Cleanup Website

http://www.ecy.wa.gov/programs/tcp/sites/budd_inlet/budd_inlet_hp.htm



Budd Inlet Sediments Investigation

- Analysis indicates that the main source of dioxins in Budd Inlet appears to be pentachlorophenol (PCP), a wood-preserving treatment. More investigation is needed to fully determine if there are additional sources.

Site Background

Ecology began the investigation of Budd Inlet dioxin contamination in April 2007 by collecting sediment and tissue (clams, shrimp and fish) samples throughout the inlet. Because of the high cost of dioxin analysis, some of the samples were analyzed and others were stored for potential use at a later date.

Ecology received validated (checked) data from the analysis of sediment samples in the summer of 2007. Preliminary review of data and public comment on the sampling plan indicated that more information was needed to better understand the extent of dioxin contamination in the inlet. Ecology sent some of the stored samples for analysis. The Final Data Report currently available for review is a summary of all data analysis to date.

Why This Cleanup Matters

Protecting and restoring Puget Sound

Decades of industrial, municipal, and naturally occurring pollution have damaged the quality, condition and ecology of Puget Sound. In May 2007, Governor Chris Gregoire and the Washington State Legislature approved the Puget Sound Initiative to begin work restoring the health of the Sound by 2020.

One of the objectives of the Initiative is to protect and restore Puget Sound by cleaning up contaminated sites within one-half mile of the Sound. These cleanup actions will help to reduce pollution and restore habitat and shorelines in Puget Sound.

Several areas in the south Sound have been identified as high priority cleanup areas for the Toxics Cleanup Program as part of this initiative. Early actions in these areas will contribute significantly to

the restoration of Puget Sound. Ecology is planning investigations of harborwide contamination in:

- Port Gamble
- Dumas Bay
- Padilla and Fidalgo Bay
- Port Angeles
- Oakland Bay
- Port Gardner at Everett
- Budd Inlet

What Happens Next?

- Once the public comment period ends, Ecology will review and consider all comments that have been received.
- Additional sampling locations will be identified in the northern portion of Budd Inlet, Moxlie Creek area and Priest Point Park beach areas.
- Additional analysis will be done with samples taken from West Bay Marina, Hardel and East Bay Redevelopment cleanup sites to further examine the source of dioxin contamination.
- Work will continue at cleanup sites throughout the inlet to help identify additional sources of contamination and other possible contaminants (See page 3).
- Ecology will work with the Port of Olympia to design any future maintenance dredging to be protective of the environment while contributing towards cleanup efforts in Budd Inlet.
- Ecology will keep the community informed as the investigation moves forward. Additional public comment periods and public meetings will be held when appropriate.

NEED MORE INFORMATION?

1. **For health questions**, contact Len O'Garro at Washington Department of Health at (360) 236-3376 or Lenford.O-Garro@DOH.WA.GOV
2. **For questions about the investigation**, contact an Ecology staff member listed on page 1 of this fact sheet.
3. **For more information about the health of Budd Inlet water**, contact Mindy Roberts at (360) 407-6804 or mrob461@ecy.wa.gov.



Budd Inlet Sediments Investigation

Cleanup Work Throughout Budd Inlet

Ecology is working on several sites throughout Budd Inlet in addition to the sediments investigation. The location of these cleanups are indicated on the map below. These sites are not funded through the Puget Sound Initiative but assist with efforts to improve the overall health of the inlet.



	Project	Project Status
1	Solid Wood Inc.	Ecology is currently negotiating an Agreed Order to begin cleanup.
2	Reliable Steel Inc.	The Remedial Investigation is underway.
3	Industrial Petroleum Inc.	Remedial Investigation continues.
4	Hardel Mutual Plywood	Remedial Investigation will be complete this spring.
5	West Bay Marina	Remedial Investigation underway.
6	Cascade Pole	Interim Cleanup Action Plan being finalized.
7	East Bay Redevelopment	Ecology is currently negotiating an Agreed Order to begin cleanup.



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E C O L O G Y

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Budd Inlet Sediments Investigation Olympia, WA

Ecology Seeks Public Comment on Final Sediments Investigation Report

Public Comment Period:
May 12 through June 17, 2008

Facility Site ID #: 3097108

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Public Meeting and Open House Thursday, June 5, 2008

June 5 from 6:30 - 8:30 p.m.
at the Olympia Center in Room A
222 Columbia St NW, Olympia
Phone: (360) 753-8380

Join us to hear more about the progress on the
Budd Inlet Sediments Investigation

6:30 - 7:00 p.m.	Open House
7:00 - 8:00 p.m.	Presentation
	Question and Answer Session
8:00 - 8:30 p.m.	Open House

Ecology staff will be available to answer your
questions.