

Agreed Order for an Interim Action Now Available for Public Review and Comment



A PUGET SOUND INITIATIVE site

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Sound now and forever!

Interim Action to Remove Contamination and Conduct a Pilot Study in Budd Inlet

The Washington Department of Ecology (Ecology) and the Port of Olympia (Port) are entering into an Agreed Order. The Port will complete an interim action to remove some contaminated sediments from portions of two of the Port's shipping berths. This work will also provide a pilot study to examine the effectiveness of dredge methods.

Removal of contaminated sediments will facilitate the Port's maintenance dredging. Ecology will work with the Port to design a dredge that is protective of the environment.

The Agreed Order will require the Port to:

- Remove some of the contaminated sediment from portions of two shipping berths.
- Transport contaminated sediment to an appropriate waste disposal site.
- Conduct post-dredge monitoring to determine impact on sediments and water quality.
- Conduct a pilot study during the dredge to look at the effectiveness of dredge methods.
- Prepare a report detailing the results of the pilot study and dredging action.

Ecology has completed a **State Environmental Policy Act (SEPA)** review of the site and determined that the proposed Interim Action will not result in significant harm to the environment (Determination of Non-Significance (DNS)). The SEPA checklist and DNS are also available for public review and comment at this time.

Ecology Wants Your Input!

Ecology is asking for your comments on the Agreed Order. You are invited to:

- **Review** the Agreed Order and Interim Action Work Plan.

Comments Accepted

October 7 through
November 7, 2008

Submit Comments and Technical Questions to:

Lisa Pearson, P.E., Site Manager
WA Department of Ecology
SWRO Toxics Cleanup Program
P.O. Box 47775
Olympia, WA 98504-7775
Phone: (360) 407- 6261
E-mail: lpea461@ecy.wa.gov

Public Involvement Contact:

Meg Bommarito
Phone: (360) 407- 6255
E-mail: mbom461@ecy.wa.gov

Document Review Locations

Lacey Timberland Library
500 College Street
Lacey, WA 98503
Phone: (360) 491-3860

**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](http://www.ecy.wa.gov/programs/tcp/sites/budd_inlet/budd_inlet_hp.htm)

Facility Site ID #3097108



Budd Inlet Sediment Investigation

- **Send** your comments to Ecology for consideration. **Comments will be accepted until November 7, 2008.**
- **Attend** a public open house on **October 21.** More information about this event can be found on the back side of this fact sheet.

What Happens Next?

- Ecology will review and consider all public comments received. If appropriate, changes will be made to the Agreed Order or work plan
- Dredging will occur in December–February 2008.
- The Port will conduct post-dredge monitoring for two years.
- Information from this study will be used to plan dredging in other Port shipping berths. It will also be used to evaluate if dredging is an effective cleanup option for other areas in Budd Inlet.



What is the State Environmental Policy Act?

The Washington State Environmental Policy Act (SEPA) requires state and local agencies to review all projects that may have a negative impact on the environment. This includes cleanup projects. The result of a review is called a **SEPA determination**.

Ecology is issuing a **Determination of Non-Significance (DNS) for the Interim Action**. A DNS means that the project will probably not cause significant negative effects on the environment or local community. The public is welcome to review the decision and provide comments to Ecology during this comment period.

For more information about SEPA, visit <http://www.ecy.wa.gov/programs/sea/sepa/e-review.html>

Site Background

Ecology launched an investigation of Budd Inlet dioxin contamination in April 2007. The Port of Olympia found elevated levels of dioxins in an area scheduled for routine maintenance dredging. Results of this study confirmed that dioxin levels were as high as 4212.5 and 230.6 parts per trillion (ppt) at the Port's shipping berths.

Ecology's work in Budd Inlet continues. Next steps include:

- Future sampling at additional locations where elevated dioxin levels were detected.
- Additional analysis to further examine the source of dioxin contamination.
- Continue cleanup work at sites throughout the inlet to help identify additional sources of contamination and other possible contaminants.
- Ecology will work with the Port of Olympia to design any future maintenance dredging to be protective of the environment while contributing to cleanup efforts in Budd Inlet.

Why This Cleanup Matters

Effective Cleanup Methods (Pilot Study)

The dredging at the Port's shipping berth is an opportunity for Ecology to examine possible cleanup methods that may be applied in other areas of contaminated sediments in Budd Inlet. This method, if effective, could be used to reduce contamination in areas where higher levels of dioxins are detected.

Specifically, the pilot study will:

- Characterize the sediments left behind after the dredge.
- Examine effectiveness of mechanical dredge techniques.
- Examine redistribution of sediment after the dredge.
- Determine how much of the sediment will slough (break away) from the slope under the pier during and after dredging.
- Examine the behavior of sediments during the dredge.

Budd Inlet Sediment Investigation

Protecting and restoring Puget Sound

Decades of industrial, municipal, and naturally occurring pollution have damaged the quality and condition of Puget Sound. In May 2007, Governor Chris Gregoire and the Washington State Legislature approved the Puget Sound Initiative to restore 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.

For more information about Ecology's Puget Sound Initiative efforts, visit http://www.ecy.wa.gov/programs/tcp/sites/psi/overview/psi_baywide.html.



Cleanup Work Throughout Budd Inlet

Ecology is working on several sites throughout Budd Inlet. These efforts will help to reduce the overall amount of toxins in Budd Inlet and the Sound.

For more information about additional cleanups the Toxics Cleanup Program is working on in Budd Inlet, visit

http://www.ecy.wa.gov/programs/tcp/sites/psi/buddInlet/psi_buddInlet.html.



DEPARTMENT OF
ECOLOGY
State of Washington

PO Box 47775
Olympia, WA 98504-7775

Budd Inlet Sediment Investigation Thurston County, WA

**Agreed Order for Interim Action and a
SEPA Determination of Non-Significance
are now available for public review and
comment**

Public Comment Period:
October 7 – November 7, 2008

Facility Site ID #: 3097108

If you need this publication in an alternative format, call (360) 407-6300. Persons with hearing loss, call 711 for Washington Relay Service. Persons with speech disability call 877-833-6341.

Ecology invites you to a Public Open House October 21, 2008

6:30 - 8:30 p.m.
at Washington Middle School
3100 Cain Rd SE, Olympia, 98501
Phone: (360) 596-3000

Join us to hear more information about this project!

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.

