

Proposed Agreed Order Modification for Interim Cleanup Action and State Environmental Policy Act Documents

The Boeing Company, Everett Plant (Boeing Everett Plant)

The Department of Ecology (Ecology) proposes to modify the Agreed Order for an Interim Cleanup Action at The Boeing Company Plant, in Everett, Washington, see Figure 1, page 4. The interim action will prevent further migration of groundwater contaminated with trichloroethylene (TCE). It will also help reduce the amount of TCE-contaminated groundwater discharging to Powder Mill Creek. This notice describes the proposal and seeks your comments.

The proposed Interim Action Plans

Phase 1: Design, construct, operate, monitor effectiveness, optimize, and maintain a hydraulic containment system to prevent to the maximum extent practicable, further migration of the chlorinated solvent contaminated groundwater plume beyond Seaway Boulevard. Reduce to the maximum extent practicable, chlorinated solvent contaminated groundwater migration to Powder Mill Creek, south of Seaway Boulevard. See Figure 2 on page 5.

Phase 2: Design, construct, operate, monitor effectiveness, optimize, and maintain a groundwater hydraulic containment system or other engineered system to reduce to the maximum extent practicable, chlorinated solvent contaminated groundwater migration to Powder Mill Creek, north of Seaway Boulevard. To begin after Ecology approves work plans for phase 1.

Delaying these proposed interim cleanup actions until the implementation of the final site-wide Boeing Everett cleanup allows continued discharge of TCE into Powder Mill Creek.

Site Location and Background

The Boeing Company owns and operates the Boeing Everett Plant, at 3003 West Casino Road, in Everett, Washington. The plant produces models 747, 767, 777, and 787 commercial aircraft. Dangerous wastes¹ are generated during aircraft assembly, and accumulated on site for less than 90 days.

¹ Washington State term for hazardous waste.

Public Comment

The public is invited to read and comment on these documents pertaining to the proposal:

- Agreed Order Modification
- schedule
- State Environmental Policy Act (SEPA) documents

To view these documents online, go to

www.ecy.wa.gov/programs/hwtr/foia/index.html

Comment Period

February 25, 2011 through
March 29, 2011

**Comments must be
postmarked no later than
5:00 p.m.
March 29, 2011**

Send comments to:

Dean Yasuda
Department of Ecology
3190 160th Ave SE
Bellevue, WA 98008-5452
E-mail Address:
dyas461@ecy.wa.gov

Or hand-deliver them between
8 a.m. and 5 p.m. to the address
above.

For more information, contact
Dean Yasuda, Ecology Manager
for this site, at (425) 649-7264

To ask about available formats for the visually impaired please call the Hazardous Waste and Toxics Reduction Program at 360-407-6700. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

The U.S. Environmental Protection Agency required a Resource Conservation and Recovery Act (RCRA) Part A Permit (interim status) Application for storage of dangerous waste at existing facilities by November 19, 1980. Boeing filed its original RCRA Part A Permit Application at that time.

Boeing submitted a RCRA Part B Permit Application for the storage of dangerous wastes and later withdrew its RCRA Part B application on February 11, 2002. At this time Boeing Everett no longer stores dangerous wastes on-site for more than 90 days. Ecology will not withdraw Boeing's interim status (Part A application) until all site wide cleanup is completed. The Boeing Everett Plant will maintain RCRA Interim Status until they fulfill RCRA Corrective Action cleanup requirements to Ecology's satisfaction.

Over time, the facility released hazardous substances to soils, groundwater, surface water, and/or sediments. These hazardous substances include (but are not limited to) chlorinated and non-chlorinated solvents, fuels, oils, polychlorinated biphenyls (PCBs), and heavy metals.

RCRA requires that The Boeing Company conduct cleanup of contamination at their Everett plant and contamination that has migrated off the Everett plant. These measures will protect human health and the environment from releases of dangerous wastes and constituents at and from the facility (WAC 173-303-646). The Remedial Investigation and Feasibility Study (RIFS) required by the Agreed Order is part of the process eventually leading to final cleanup. Ecology and Boeing finalized the original Agreed Order on February 12, 1997 to conduct the RI/FS for all their releases Ecology has subsequently modified the Agreed Order four previous times to update the terms of the Agreed Order and to include require important interim actions to protect human health and the environment.

Environmental Review

Ecology is the SEPA lead agency for corrective action decisions at Boeing Everett, and determined that the proposed interim cleanup actions will not have a significant adverse environmental effect. As a result, Ecology is issuing a determination of non-significance (DNS). The DNS and SEPA checklist are included for public viewing and comment.

The Agreed Order Modification, Interim Cleanup Action Work Plan and Ecology's SEPA DNS are available for public review Monday, Tuesday, and Wednesday from 10:00 a.m. to 9:00 p.m.; Thursday, Friday and Saturday from 10:00 a.m. to 6:00 p.m.; and Sunday from 1:00 p.m. to 5:00 p.m. at the Everett Public Library:

Information Services
2702 Hoyt Street
Everett, WA 98201-3556
(425) 257-8022

Or by appointment, Monday through Friday from 9:00 a.m. to 4:30 p.m. at:

Department of Ecology
Northwest Regional Office
3190 160th Ave SE
Bellevue, WA 98008-5452
Phone: (425) 649-7190

You may also review these documents at Ecology's web site. To receive a copy of these documents, please contact Dean Yasuda at (425) 649-7264 or by email at dyas461@ecy.wa.gov.

At this time, Ecology has not planned a public meeting for this comment period. However, one will be held if ten or more people request one by the end of the public comment period.

Ecology's Procedures for Reaching a Final Decision

Once the public comment period ends, and all comments received have been reviewed, Ecology will consider and respond to written comments submitted. Ecology will then recommend suggested changes to the Agreed Order modification, interim action plan, and SEPA documents. If no significant changes are made, the documents will be considered final. If significant changes are made, an additional public comment period will be held.

Effective date of decision

The effective date of Ecology's decision will be the date on Ecology's letter approving the Agreed Order modification.

Regulatory requirements under the Model Toxics Control Act for the public review process are in the Washington Administrative Code (WAC) 173-340-600. See www.leg.wa.gov/wac for information. For more information about SEPA and MTCA, see www.ecy.wa.gov/programs/sea/sepa/handbk/hbch10.html#ReviewProcess

Glossary of Terms Used

Agreed Order – A legal agreement between Ecology and a potentially liable person to conduct work toward a cleanup.

Determination of Non-Significance (DNS) – A written decision by the responsible official of the lead agency that a proposal is not likely to have a significant adverse effect on the environment.

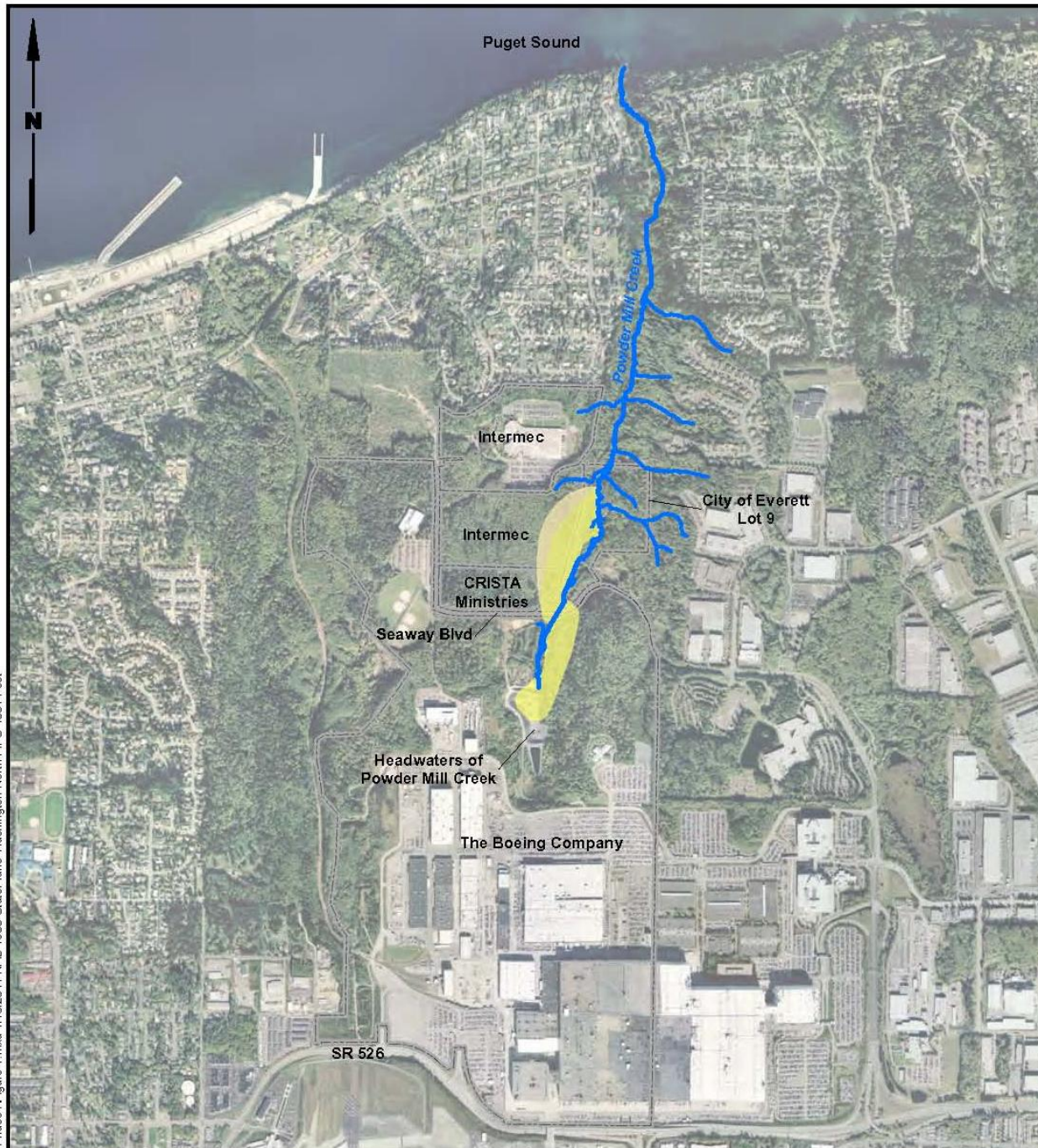
Groundwater – Water found beneath the earth's surface that fills pores between material such as sand, soil, or gravel. In some aquifers, groundwater occurs in sufficient quantities that it can be used for drinking water, irrigation, and other purposes.

Model Toxics Control Act (MTCA) – Legislation passed by citizens of the state of Washington through an initiative in 1988. Its purpose is to identify, investigate, and clean up facilities where hazardous substances have been released. It defines the role of Ecology and encourages public involvement in the decision-making process.

Remedial Investigation and Feasibility Study (RIFS) – Remedial actions to collect, develop, and evaluate information regarding a site to determine a cleanup action.

RCRA – Resource Conservation and Recovery Act of 1976 (US): Regulations governing the safe management and disposal of hazardous wastes.

SEPA – State Environmental Policy Act: A state policy that requires state and local agencies to consider the likely environmental consequences of a proposal before approving or denying the proposal.



Y:\Projects\025175\Mapdocs\Interim Action Phase IV figure 1.mxd 1/13/2011 NAD 1983 StatePlane Washington North FIPS 4601 Feet

Legend

- Property Boundary
- Inferred Area with TCE Concentration in Groundwater >0.49 µg/L and < 5 µg/L
- Concentration in Groundwater > 5 µg/L

Note

1. Black and white reproduction of this color original may reduce its effectiveness and lead to incorrect interpretation.

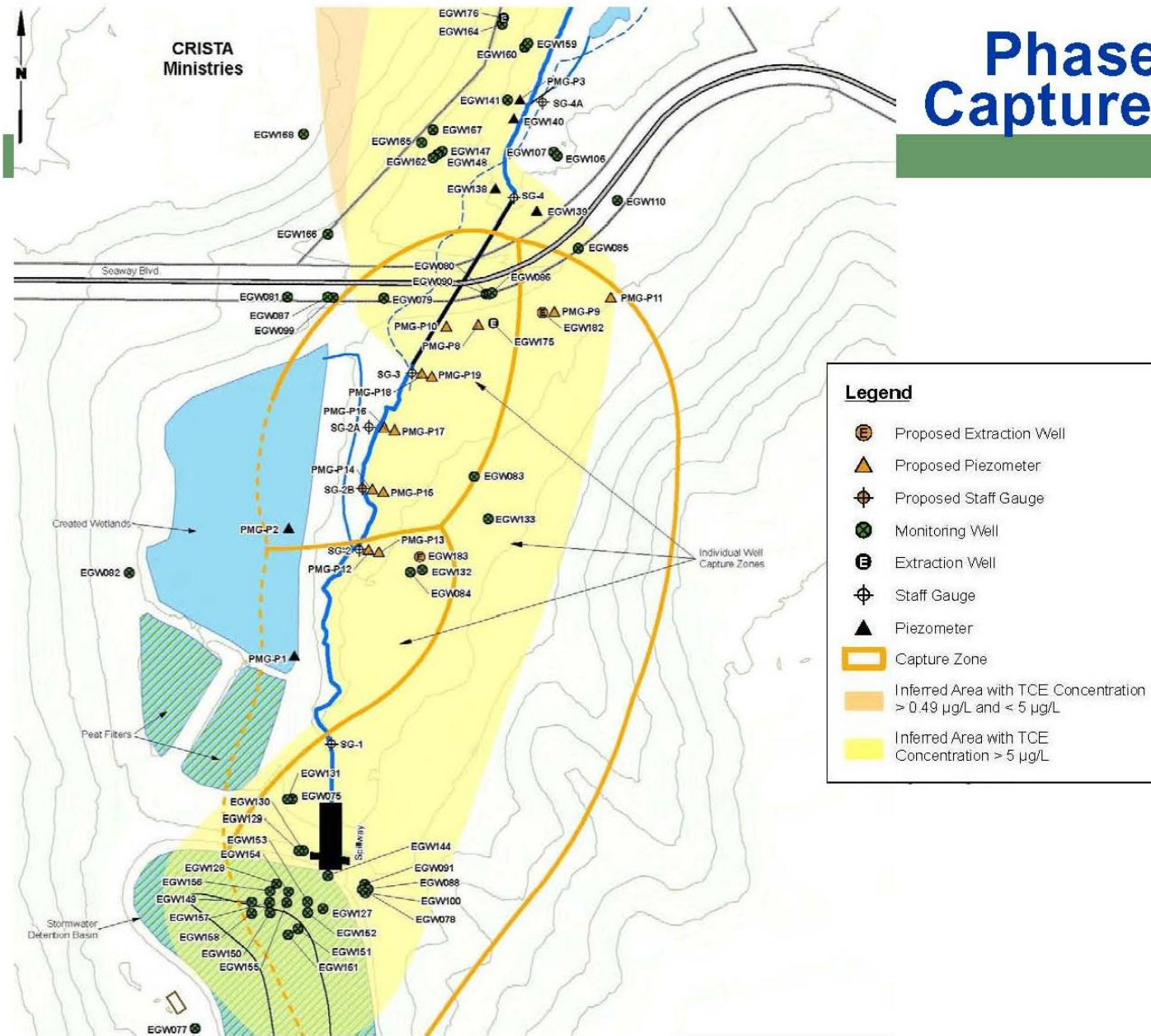


Data Source: URS 2005; Bing Maps



Boeing Commercial Airplanes Everett, Washington	Vicinity Map	Figure 1
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Phase 1 IA Capture Zones





DEPARTMENT OF
ECOLOGY
State of Washington

PO Box 47600
Olympia, WA 98504-7600

