

### Ecology Seeks Comments on the Proposed Interim Soil Removal Cleanup Action at The Boeing Company - Everett

The Department of Ecology (Ecology) proposes to approve an interim soil cleanup action to remove lead, arsenic, and carcinogenic polyaromatic hydrocarbon (cPAH)-contaminated soils and sediments from the site of Snohomish County's former gun club, now owned by the Boeing Company.

#### The Proposed Interim Soil Cleanup Action

The objectives of this interim soil cleanup action are to:

- Remove lead, arsenic, and cPAH contaminated soils and sediments in the Area C ditch and specific areas within Area C (Figure 1).
- Remove lead, arsenic, and cPAH contaminated soils and sediments at Pond D (Figure 1).

The lead, arsenic, and cPAH contaminated soils and sediments will be removed with excavation equipment. Contaminated soils and sediments that designate as dangerous waste will be disposed of at a RCRA<sup>1</sup> permitted hazardous waste landfill. Contaminated soils and sediments that do not designate as dangerous waste will be disposed of at a permitted solid waste landfill. No contaminated soils or sediments will be disposed of on the Boeing Everett facility. This interim soil cleanup action work will be completed by the end of 2014.

Ecology has determined that the interim action required is necessary to reduce a threat to human health or the environment and to correct a problem that may become substantially worse or cost substantially more to address if remedial action is delayed. This notice describes the proposal and seeks your comments.

#### Site Location and Background

The Boeing Company (Boeing) 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 wastes<sup>2</sup> are generated during aircraft assembly, and accumulated on site for less than 90 days.

<sup>1</sup> Resource Conservation and Recovery Act

<sup>2</sup> Washington State term for hazardous waste.

#### Public Comment

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

- Amended Agreed Order and Work Description
- Work Schedule
- State Environmental Policy Act (SEPA) documents

View these documents online, at [www.ecy.wa.gov/programs/hwtr/foia/index.html](http://www.ecy.wa.gov/programs/hwtr/foia/index.html)

View them in person at:  
Everett Public Library  
Information Services  
2702 Hoyt Street  
Everett, WA 98201-3556  
425-257-8000

#### Comment Period

March 28 through April 28, 2014

**Comments must be postmarked no later than 5:00 p.m., April 28, 2014**

Send comments to:  
Dean Yasuda  
Department of Ecology  
Northwest Regional Office  
3190 160th Ave SE  
Bellevue, WA 98008-5452  
[dyas461@ecy.wa.gov](mailto:dyas461@ecy.wa.gov)

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

For more information, contact Dean Yasuda, at 425-649-7264

*If you need a format for the visually impaired please call 360-407-6700. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.*

Since November 19, 1980, the U.S. Environmental Protection Agency (EPA) requires a RCRA Part A Permit (interim status) application for storage of dangerous waste at existing facilities. Boeing filed its original RCRA Part A Permit application at that time.

Around this same time, Boeing also submitted a RCRA Part B Permit application for the storage of dangerous wastes. They later withdrew their RCRA Part B application on February 11, 2002. The Boeing Everett Plant 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. Boeing 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 Boeing to conduct cleanup of contamination at their Everett plant, including any contamination that migrated beyond the plant boundaries. Boeing completed the Remedial Investigation (RI) Study in 2011 and is currently developing site-wide cleanup options under the Feasibility Study (FS), as required by the Agreed Order. This proposed interim soil and sediment cleanup action is intended to meet cleanup standards that are protective of human health and the environment. The results of this action will be incorporated into the FS. Ecology will then select a final facility-wide cleanup action after reviewing the final FS report(s).

## Environmental Review

Ecology is the State Environmental Policy Act (SEPA) lead agency for corrective action decisions at Boeing Everett. Ecology determined that the proposed interim soil and sediment cleanup action 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 review and comment.

The Interim Cleanup Action Work Plan and Ecology's SEPA DNS are available for review:

- At the Everett Public Library, 10 a.m. to 9 p.m. Monday, Tuesday, and Wednesday; 10 a.m. to 6 p.m. Thursday, Friday, and Saturday; and 1 p.m. to 5 p.m. on Sunday; see address in side panel on page 1.
- At Ecology's Northwest Regional Office by appointment, 9 a.m. to 4:30 p.m. Monday through Friday, see address in side panel on page 1.
- On Ecology's website at [www.ecy.wa.gov/programs/hwtr/foia/index.html](http://www.ecy.wa.gov/programs/hwtr/foia/index.html).

If you would like copies of these documents, please contact Dean Yasuda, Ecology's manager for this site at 425-649-7264 or e-mail at [dyas461@ecy.wa.gov](mailto: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 have been reviewed, Ecology will consider and respond to written comments submitted. Ecology will then recommend suggested changes to the interim soil and sediment cleanup 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 the signed Agreed Order amendment for this interim cleanup action.

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

**Carcinogenic polyaromatic hydrocarbon** or **cPAHs** means those polycyclic aromatic hydrocarbons substances, PAHs, identified as A (known human) or B (probable human) carcinogens by the United States Environmental Protection Agency. These include benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, chrysene, diben-zo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. For the Boeing Everett site, cPAHs are presumed to be from shotgun shell and shotgun target residues.

**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.

**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.

Figure 1. Interim Soil Removal Action Locations, Area C, Area C Ditch, and Pond D





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Olympia, WA 98504-7600

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**Ecology Seeks Public Comment on**  
interim cleanup action for:

**The Boeing Company, Everett Plant**  
**Everett, Washington**

Public Comment Period:

**March 28, 2014 through**  
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