

# Intalco Aluminum Corporation

## Opportunity to comment

The Department of Ecology (Ecology) invites you to comment on the proposed decision to approve changes to the closure and post-closure plans for Intalco Aluminum Corporation's (Intalco's) dangerous waste landfill.

We will accept comments by mail, fax or e-mail May 18, 2011 – June 17, 2011. You may request a public hearing to ask questions and submit verbal comments. To request a hearing, contact:

Paul Skyllingstad  
Industrial Section  
P.O. Box 47706  
Olympia, WA 98504-7706  
paul.skylingstad@ecy.wa.gov  
(360) 407-6949

If we determine there is significant public interest during this comment period to hold a hearing, we will:

- Extend the comment period to allow at least 30 days notice of the hearing.
- Publish the time, date and location.

## Changes to closure and post-closure plans

Proposed changes to the closure and post-closure plans include:

- Changing the landfill cover design, incorporating a geosynthetic clay liner.
- Reducing groundwater monitoring frequency from quarterly every year to quarterly every fifth year.

The current landfill cover requires two feet of clay as a capping material instead of a geosynthetic clay liner.

## DATES AND LOCATIONS

### Comment period

May 18, 2011 – June 17, 2011

### Read the proposed permit at these locations:

Ferndale Public Library  
2222 Main Street  
Ferndale, WA 98248

Bellingham Public Library  
210 Central Ave  
Bellingham, WA 98225

Dept of Ecology  
300 Desmond Drive SE  
Lacey, WA 98504

Online at  
[http://www.ecy.wa.gov/programs/swfa/industrial/alum\\_intalco.html](http://www.ecy.wa.gov/programs/swfa/industrial/alum_intalco.html)

### Contact information

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### Special accommodations

If you need this document in a version for the visually impaired, call the Waste 2 Resources program at (360) 407-6900.

Persons with hearing loss, call 711 for Washington Relay Service. Persons with a speech disability, call 877-833-6341.

Groundwater has been monitored at the landfill for 22 years. Monitoring results show there is no contamination from Polychlorinated Biphenyls (PCBs), cyanide or fluoride.

Intalco:

- Intends to close the landfill this summer because it will reach its storage capacity in June 2011.
- Will continue groundwater monitoring during post-closure for 30 years.

Once the landfill is closed, all dangerous waste from plant operations will be transported to an offsite dangerous waste landfill.

These proposed changes update the closure and post closure plans submitted in Intalco's 1992 Part B dangerous waste permit application.

### **Facility information**

Intalco is a primary aluminum smelter located at 4050 Mountain View Road in Ferndale. In 1986, Intalco closed an unlined solid waste landfill and constructed two landfills for plant waste:

- A double-lined solid waste landfill that reached capacity and was closed in 2007.
- A triple-lined dangerous waste landfill that was expanded in 1990.

The dangerous waste landfill receives solid and dangerous waste generated at the smelter. The dangerous waste includes:

- Spent potliner.
- Secondary wastewater treatment sludge.
- PCB remediation waste from 2005-2006 site cleanup activities.

The landfill has a leachate collection system and is surrounded by a network of groundwater monitoring wells. Contaminants of concern found in the landfill dangerous waste include PCBs, cyanide, and fluoride. There is a gradually increasing trend in sulfate and chloride in some of the monitoring wells from the unlined solid waste landfill closed in 1986. One well shows chloride above the drinking water standard, however this does not impact drinking water supplies.