

NORWEGIAN SALMON INDUSTRIES



Removal from Hazardous Sites List Proposed

The Washington State Department of Ecology proposes to remove the Norwegian Salmon Industries site from the Hazardous Sites List (required by the Model Toxics Control Act, Chapter 70.105D RCW). The site had sediment and soil contaminated with carcinogenic polynuclear aromatic hydrocarbons (PAHs), diesel, arsenic, and lead above cleanup standards. Groundwater was contaminated with PAHs, arsenic, lead, and chromium. In August 1997, the site was ranked on the Hazardous Sites List as a 1 (1 being high priority relative to other sites statewide; 5 being low). The site's ranking was based on its location on Colvos Passage as well as site groundwater mixing with surface water (Colvos Passage), a potential pathway for contaminants.

Your comments on the proposed removal of the Norwegian Salmon Industries from the Hazardous Sites List are welcome through **May 15, 2006**. The box to the right provides information about where to review the supporting documents as well as where to submit comments.

Site Background

The Norwegian Salmon Industries site is located along Colvos Passage, at the end of 140th Street NW in Gig Harbor, just south of the Kitsap County line. The site is vacant, except for a well house. Norwegian Salmon Industries bought the property in 1981 from Manson Construction Company. Manson Construction Company retained an ownership percentage in the site until October 1990. Manson

Construction Company re-purchased the entire site in 2000.

Norwegian Salmon Industries conducted a site assessment in 1994 and a limited subsurface soil investigation in 1997. Results from soil and groundwater samples showed that carcinogenic polynuclear aromatic hydrocarbons (PAHs), diesel, arsenic, and lead were present above MTCA cleanup levels. Treated wood pilings and *slag* material (waste products from the smelting process that contain arsenic, lead, and other metals) were observed on-site. Manson Construction Company reportedly stored heavy equipment on the site, and may have stored and treated timbers there as well. Manson Construction may have used slag material as fill on portions of the site.

Ecology, Norwegian Salmon Industries, and Manson Construction approved an August 1998 agreed order to conduct a remedial investigation/feasibility study (RI/FS), and to draft a cleanup action plan for contaminated groundwater, sediment, and soil. The RI/FS found that soil was contaminated with carcinogenic PAHs, arsenic, and lead above cleanup levels. Groundwater was contaminated with PAHs, arsenic, lead, and chromium. Sediment was contaminated with arsenic and certain PAHs.

In April 2002, Ecology and Manson Construction agreed to an order to clean up contaminated sediment and soil, and monitor groundwater at the

April 2006

FACT SHEET

Ecology Southwest Regional Office
Toxics Cleanup Program
300 Desmond Drive SE
P.O. Box 47775
Olympia, WA 98504-7775
(360) 407-6300 (voice)
(360) 407-6306 (TDD)

PUBLIC COMMENT PERIOD ON PROPOSED REMOVAL FROM HAZARDOUS SITES LIST:

April 14, 2006 to May 15, 2006

Comments and requests for updates should be directed to Guy Barrett, Site Manager, at the Ecology address listed above, e-mailed to gbar461@ecy.wa.gov, or call (360) 407-7115.

INFORMATION REPOSITORIES

The supporting documents can be reviewed at the following locations:

www.ecy.wa.gov/programs/tcp/sites/sites_information.html

www.ecy.wa.gov, then click on "Public Involvement Calendar"

Ecology Southwest Regional Office address listed above

Peninsula Library
Reference Desk
4424 Point Fosdick Drive NW
Gig Harbor, WA 98335-1700
(253) 851-3793

Tacoma Public Library-Main Branch
Northwest Room
1102 Tacoma Avenue South
Tacoma, WA 98402-2006
(253) 591-5666

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site. Groundwater has been monitored for six years and has met cleanup levels.

In December 2005, Governor Gregoire made it a top priority of state government to restore the health of Puget Sound and Hood Canal. Part of the Puget Sound Initiative includes cleaning up toxic waste sites that leach pollutants into streams, groundwater, or stormwater. These tributaries eventually flow into Puget Sound and Hood Canal. Once there, the contaminants settle to the bottom, accumulate, and work their way into the food chain, ultimately threatening the entire ecosystem, including human health. This site is considered a part of the Puget Sound Initiative.

Ecology's Recommendation

The requirements of the agreed order have been met. Cleanup included:

- ▶ excavate and dispose of about 14,600 tons (about 1400 dump truck loads) of contaminated soil, sediment, and slag;
- ▶ protect Colvos Passage from discharge during excavation;
- ▶ sample soil to confirm that contaminants have been removed;
- ▶ backfill, grade, and compact excavated areas with clean soil;
- ▶ control stormwater;
- ▶ monitor groundwater quarterly for at least one year and until groundwater cleanup goals are met;
- ▶ prevent access to contaminated soil by imposing property deed restrictions.

The cleanup report and confirmational groundwater monitoring reports show that contaminated soil, sediment, and slag have been removed from the site and groundwater has been cleaned up. However, limited residual soil contamination remains above state cleanup standards. Deed restrictions which limit how the property can be used have been filed to protect human health and the environment. The cleanup report and groundwater monitoring reports are available for review.

Ecology Wants Your Comments!

You are invited to review and comment on the proposed removal of the site from the Hazardous Sites List through **May 15, 2006**. The public comment period presents an opportunity to have your ideas and comments heard by Ecology. Information repositories, which include the supporting documents, have been set up at the locations listed in the box on page one. To review more detailed site documents than those in the information repositories, contact Ecology's Southwest Regional Office records center at (360) 407-6365 to schedule an appointment. Please submit your written comments to Guy Barrett, Site Manager, at the Ecology address listed in the box on page one.





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