



Kaiser Aluminum & Chemical Corporation Trentwood Site



Agreed Order for a Remedial Investigation and Feasibility Study

Study to Evaluate PCBs, Petroleum and Metals in Soil and Groundwater

The Washington State Department of Ecology proposes to enter into a legal agreement called an Agreed Order with Kaiser Aluminum & Chemical Corporation (Kaiser). The Order requires Kaiser to conduct a Remedial Investigation and Feasibility Study (RI/FS) at the Trentwood Site located at 15000 East Euclid Avenue, Spokane Valley, Spokane County, Washington (see Figure 1).

The purpose of the Remedial Investigation is to conduct additional soil and groundwater sampling and analysis to determine the extent of contamination at the site. There are two phases of the work. The first phase will focus mainly on groundwater investigations. Soil data collected during this phase will supplement existing soil data. The second phase will evaluate soil data to identify data gaps and collect more soil information as necessary. Additional groundwater sampling may occur during this phase.

Contaminants currently identified on-site are Polychlorinated Biphenyl's (PCBs), petroleum and metals. Metals include iron, manganese, antimony and arsenic. The Feasibility Study will identify and evaluate cleanup options for the soil and groundwater contamination.

Public Invited to Comment

Comments on the Agreed Order for a Remedial Investigation and Feasibility Study will be accepted **June 27 through August 10, 2005**. The box at the right provides information about where to review documents and submit comments.

Site Background

The Trentwood facility was created in 1942 by the U. S. Government Defense Plant Corporation to produce aluminum for World War II aircraft. In 1946 Kaiser leased the facility and later purchased it along with the property. Trentwood now operates as an

Comments Accepted

June 27 through August 10, 2005

Если вам нужно помощь по русский, звоните

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Document Review Locations

WA Department of Ecology

Eastern Regional Office, 4601 N. Monroe

Spokane, WA 99205-1295

Mrs. Johnnie Landis 509-329-3415

Argonne County Library, 4322 N. Argonne

Spokane, WA 99206 509-926-4334

Spokane Valley Library, 12004 E. Main

Spokane Valley, WA 99216 509-926-6283

Spokane Public Library, 906 W. Main

Spokane, WA 99201 509-444-5300

Ecology's Toxics Cleanup Website

http://www.ecy.wa.gov/programs/tcp/sites/Kaiser_trentwood/kaiser_tw_hp.html

Comments/Technical Questions

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Ecology Toxics Cleanup Program

4601 N. Monroe, Spokane, WA 99205-1295

509-329-3543 or 1-800-826-7716

E-mail: tbal461@ecy.wa.gov

To request a site-related public meeting, hearing or be put on the mailing list

contact Ms. Carol Bergin

Ecology Toxics Cleanup Program

1-800-826-7716 or 509-329-3546

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PCB Information: See Agency for Toxic Substances and Disease Registry

<http://www.atsdr.cdc.gov/tfacts17.html>

aluminum sheet and plate rolling mill. Materials formerly used for aluminum production at the site included PCB oil, petroleum fuels, solvents and chromium. Wastes generated as a result of past or present operations consist of wastewaters, chrome sludge, paint and solvent wastes, and black dross.

Releases of Contamination and Actions Taken

Several documented releases have occurred related to historical operations. Kaiser conducted independent investigations and remedial actions to address groundwater and soil contamination coming from these releases. Studies showed concentrations of PCBs, petroleum product and metals in soil at certain locations were above levels allowed under state regulations.

Kaiser began conducting groundwater monitoring in 1979 to assess the impact of three landfills located in the West, East and South sections of the property. Some hazardous materials were disposed of in these landfills; however, all three are now closed.

Since 1979 Kaiser has installed over 100 additional monitoring wells to evaluate releases from historical operations. These wells were installed as part of a series of voluntary investigations and cleanup efforts made by Kaiser. Results of the monitoring found petroleum containing PCBs floating on top of the groundwater. Petroleum, PCBs, iron, manganese, antimony, and arsenic were also found in groundwater at levels exceeding state standards in some locations. PCBs also have been found in groundwater in the remelt and hot line areas (see Figure 2).

Since 1993, Kaiser has implemented independent interim actions in the Oil House and Wastewater areas. Interim actions were taken to accomplish the following:

- prevent the further movement of petroleum and PCBs floating on groundwater,
- prevent further movement of dissolved hydrocarbons in groundwater,
- recover petroleum product on groundwater, and
- enhance the breakdown of hydrocarbons.

In March 1995, Ecology named Kaiser as a Potentially Liable Person (PLP) responsible for site cleanup under the state Model Toxics Cleanup Act (MTCA).

What Happens Next

Ecology will review comments submitted pertaining to the Agreed Order for the RI/FS and provide a written response called a Responsiveness Summary. The summary will be sent to those who commented and will also be available in the locations listed in the box on page one. If applicable, modifications will be made to the Agreed Order. After the RI/FS is completed, reports containing the findings will be made available to the public for comment. The RI report is expected to be available in the fall of 2006, and the FS report in the summer of 2007.

FIGURE 2

