

ENVIRONMENTAL Fact Sheet



Reynolds Metals Company, Troutdale, Oregon

U.S. Environmental Protection Agency, Region 10

August 2006

Comments Invited on Reynolds Metals Proposed Plan

The U.S. Environmental Protection Agency (EPA) invites your comments on the Proposed Plan for completing the cleanup of contaminated soil and groundwater at the Reynolds Metals Superfund site in Troutdale, Oregon. This fact sheet briefly describes the cleanup alternatives and presents EPA's preferred alternative. Details about the cleanup proposal are contained in the Proposed Plan.

Public Meeting Opportunity

If enough people are interested, EPA will host a public meeting to discuss the Reynolds Metals Proposed Plan. To request a public meeting, contact Chip Humphrey, by August 15, at 503-326-6994.

Where can the document be found?

The Proposed Plan is available on EPA's website at <http://yosemite.epa.gov/r10/cleanup.nsf/sites/reynolds>. The Proposed Plan and post-demolition remedial investigation report are also included in the Administrative Record at:

Gresham Regional Library
385 NW Miller, Gresham, or at the
EPA Records Center, 7th Floor,
1200 6th Ave, Seattle.

To request a paper copy of the Proposed Plan, call Judy Smith at 503-326-6994.

EPA Seeks Public Comment

You are encouraged to review the Proposed Plan and provide your comments to EPA. **The comment period begins August 3 and closes September 4, 2006.** EPA will consider all public comments when reaching a final decision and will respond to them in a Responsiveness Summary. Please send comments to:

Chip Humphrey, Project Manager
EPA Region 10, Oregon Ops. Office
811 SW 6th Avenue
Portland, OR 97204
e-mail: humphrey.chip@epa.gov

Summary of the Proposed Plan

Several early cleanup actions over the past decade removed known contaminated soil and debris from the Reynolds Metals site. As a result, the soils no longer pose a significant risk to human health or the environment. EPA's preferred alternative includes requiring institutional controls for soils and groundwater, and continuing operation of a groundwater system known as Focused Extraction and Production Well Optimization (FE/PWO), to extract and contain contaminated groundwater. Groundwater will be monitored

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Summary of the Proposed Plan *continued*

to make sure that the completed and ongoing cleanup actions are effective.

Institutional controls protect human health and the environment by restricting or controlling how a site can be used. In the preferred alternative, institutional controls were selected to eliminate, reduce or control residual risks associated with both soil and groundwater exposure. Institutional controls for soils include restricting future use of the property to be consistent with current zoning and the protective levels for industrial and recreational use that were achieved during the cleanup. Institutional controls for groundwater include preventing the use of contaminated groundwater for drinking water for 20 years or longer, and permanently restricting the use of the shallow silt zone in the south plant area.

The **FE/PWO Groundwater system** will control migration of fluoride-contaminated groundwater to other portions of the aquifer and the Sandy River, protecting and restoring beneficial uses. Without the FE/PWO system pumping groundwater, especially the contaminated plume in the south plant area, a significant mass of fluoride would be discharged to the Sandy River in a few years and continue for several decades. The groundwater FE/PWO system will need to operate for an estimated 5 to 10 years to maintain hydraulic control and achieve protective levels in the intermediate and deep zones.

Other Alternatives Considered

In addition to the preferred alternative, EPA evaluated a no-action alternative, an alternative with institutional controls, and an alternative with continued operation of the groundwater system but no institutional controls. Further explanation of these alternatives is available in the Proposed Plan.

Background

The Reynolds Metals site is located twenty miles east of Portland, Oregon, just north of the town of Troutdale. It was built in 1941 to produce aluminum for the United States government. Reynolds Metals Company (RMC) bought the facility and assumed operations in the 1940s. RMC operated the facility until 2000 when it was acquired by Alcoa, Inc. Alcoa shut down the facility and demolished the building and other structures at the site. Demolition took place from 2003 to 2005.

EPA added the Reynolds Metals site to its National Priorities List in 1994 because waste-disposal areas, soil and groundwater were contaminated as a result of past waste-handling practices. Early actions taken to clean up the property included removal of contamination at the cryolite ponds, east potliner area, PCB and diesel spill areas, bakehouse sumps, and scrap-yard areas.

Between 1994 and 2002, with EPA oversight, RMC performed early removal actions at high priority source areas of contamination and conducted a Remedial Investigation /Feasibility Study (RI/FS) to investigate contamination at the site and analyze what needed to be done to clean it up. In 2002, EPA issued an Interim Record of Decision to address additional source areas and contaminated groundwater.

RMC completed the cleanup actions identified in the Interim ROD between 2002 and 2005, including the removal of contaminated soil and material from Company Lake, North Landfill, South Landfill and the Scrap Yard, and the construction and operation of the groundwater system.

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For more information

If you would like to learn more about the Reynolds Metals Superfund site, or have your name added to the project mailing list, please contact:

Judy Smith

Community Involvement Coordinator

503-326-6994

Smith.Judy@epa.gov

Chip Humphrey

Project Manager

503-326-2678

Humphrey.Chip@epa.gov

Visit EPA's website: <http://www.epa.gov/r10earth/> .

Click on *Index*, then on *R* and *Reynolds Metals*.



Alternative formats are available. For reasonable accommodation, please call Judy Smith. TTY users, please call the Federal Relay Service at 800-877-8339 and give the operator Judy Smith's phone number.



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Troutdale, Oregon
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