

Alcan Rolled Products, LLC (Formerly: Pechiney Rolled Products LLC; prior to Pechiney, Century Aluminum owned the entire facility)

(In 1999, Century sold a portion of the facility to Pechiney. Century obtained a new ID# WVR000016469; Pechiney Rolled Products was bought by Alcan Rolled Products. Corrective Action is still associated with the original EPA ID number held by Alcan. Corrective Action still covers the entire site.)

**Route 2 to Century Road, Site A
Ravenswood, WV 26164-0068
Congressional District 2
EPA ID #: WVD009233297
Last Updated: 12/15/2008**

Current Progress at the Site

EPA and the facilities are working jointly to complete the requirements of the order, which include:

- Interim Measures (short-term actions) to remove free-product oil from the water table in one area of the site;
- RCRA Facility Investigation (RFI) to provide more in-depth information about other areas of the site (a total of 18 areas were investigated);
- Continued operation of the existing groundwater migration control system; and
- Corrective Measures Study (CMS) to propose final cleanup actions:.

Extensive progress has been made with the investigation and interim measures activities of the CAWV Site. The groundwater migration control system has been in operation since 1976. The interim measure for free-product oil removal has been in operation since September 1995. The RCRA Facility Investigation, which was implemented in two phases in 1995 and 1997, has involved collecting more than 300 soil samples from 103 borings and collecting more than 40 groundwater samples from 24 monitoring wells. The RFI Report was submitted to USEPA on February 24, 2000 during a meeting with Century and EPA.

In August 2000, Century submitted an Interim Measure workplan for the Solid Pitch Unloading Area (Area 13). In March 2001, EPA approved the Interim Measures workplan for the Solid Pitch Area. Century submitted a Completion Report on the Interim Measures in December 2001 to EPA.

In December 2000, an Interim Measures workplan was submitted for Outfall 001 (Area 7). In December 2001, Century has submitted responses to EPA's comments on the 001 Outfall workplan. In June 2002, EPA approved the Interim Measures workplan for the 001 outfall. Century submitted a Construction Documentation Report on Nov 19, 2002.

In June 2002, EPA approved the Interim measures workplan for 001 outfall (area 7)

The RFI Final Report was approved on March 5, 2004. As per the Corrective Action Order, Century was required to submit a Corrective Measures Study Plan. Century submitted the Corrective Measures Study Plan on April 16, 2004. EPA provided comments on the Corrective Measures Study Plan at a meeting with Century in August 2004.

In March 2007 Century submitted a Blocking Well Shutdown workplan. EPA approved the workplan, and the blocking wells were shut down in July 2007. A report on the effects of the shutdown were submitted in June 2008. A Corrective Measures Study (CMS) was submitted in October 2008. EPA and WVDEP will be reviewing the CMS, and working on the Statement of Basis for 2009.

Site Description

Located about three miles downstream from Ravenswood, WV, the Century Aluminum of WV site was built by Kaiser Aluminum and Chemical Company in 1957 as a fully integrated aluminum producing facility. The facility consists of both an aluminum reduction plant and a fabrication plant that rolls aluminum ingots into plate, sheet and coil. The facility was operated by Kaiser until 1989, when it was sold to Ravenswood Aluminum Corporation. Ravenswood Aluminum has since changed its name to Century Aluminum of WV. In September 1999, Pechiney purchased approximately 500 acres of the property including the cast house and fabrication plant. CAWV continues to own approximately 2,100 acres. About 860 acres of the entire 2600 acre site are under industrial use by CAWV and Pechiney.

Sample results from the RFI were compared to human health screening values. Few areas and few constituents exceeded screening levels. Five areas of the site were subjected to full human health risk assessments. The RFI report concluded that the only exceedence of USEPA's target human health risk range was for hypothetical future industrial use of the open area north of the solid pitch unloading area. An Interim Measures workplan was submitted in August 2000 to address this hypothetical future risk. The interim measures was approved in March 2001 by EPA. Interim Measures will include removal of contaminated soil and visible product as well as installation of a security fence.

Following their purchase of the fabrication plant, Pechiney constructed a new conveyance for their NDPES 001 outfall. The old conveyance is a SWMU investigated in the RFI. Although human health risks are within USEPA's acceptable range, some conveyance sediments exceed ecological risk screening values. An Interim Measures workplan was submitted in December 2000 to address decommissioning the former conveyance. The interim measure will be implemented upon approval by USEPA.

Site Responsibility

RCRA Correction Action activities at this facility are being conducted under the direction of EPA Region 3 with assistance from the State.

Contaminants

The main constituent of concern in the groundwater is cyanide, while the main constituents of concern in soil are polynuclear aromatic hydrocarbons (PAHs).

Community Interaction

Century Aluminum of WV borders the Ohio River. An industrial park is located at the southern boundary of the site. The town of Ravenswood is northeast of the facility.

~~This approach to Community Relations Plan for the community leaders period the meetings of used of plant labor and management representatives. Issues about future land use at the site and surrounding area were discussed with the Jackson County Development Board and were the subject of public comment in June 1998.~~

Institutional Controls

No institutional controls are currently in place.

Government Contact

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For more information about EPA's corrective action webpage, including Environmental Indicators, please visit our site at: www.epa.gov/reg3wcmd/correctiveaction.htm

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