

CENEX SUPPLY AND MARKETING FACILITY – QUINCY:



Engineering Design Documents

The Washington Department of Ecology and Cenex Harvest States Cooperatives (Cenex) are planning to conduct cleanup actions at the Cenex Supply and Marketing Facility (Site). The Site is located at 300 Division Street between 4th Avenue SE and 6th Avenue SE in the City of Quincy, Grant County, Washington. The cleanup actions, standards, and other requirements to be met at the Site are described in the Engineering Design Documents. These documents were required as part of the Consent Decree between Ecology and the Potentially Liable Persons (PLPs) and promote Site cleanup under authority of the Model Toxics Control Act (MTCA), Chapter 70.105D RCW. The design documents are available for review **August 27 through September 26, 2001** at the repositories listed in the shaded box.

SITE BACKGROUND

Cenex and Ecology entered into an Agreed Order in 1998 to clean up contamination near a former rinsate pond and fumigant storage facility in Quincy (Figure 1). Previous studies show soil below the surface at the former storage facility contained fumigant residues, mainly 1,2-Dichloropropane. Additionally, a narrow plume of contamination in ground water extends from the property toward the southeast and contains similar chemicals. This plume does not impact Quincy drinking water.

In cooperation with Ecology, Cenex installed a soil vapor extraction system to remove fumigant residues as vapors from the soil. Field scale testing of air sparging technology was performed to address the extent of chemicals in ground water. Installation of additional wells, and data gathered from the expanded well network, more clearly defined the extent of chemicals in ground water and provided information necessary to evaluate the performance of the interim actions.

The Feasibility Study was final in May 2000. It showed the results of the interim actions and evaluated remedial alternatives for final cleanup. In early 2001, Ecology selected the final cleanup action based upon MTCA criteria. Cenex and Ecology entered into a Consent Decree to perform the cleanup action.

REMEDIAL ACTION OBJECTIVES

Cenex and Ecology believe the following actions are necessary to protect human health and the environment:

- Eliminate direct contact with soils containing chemicals above cleanup levels;
- Eliminate direct contact with and ingestion of ground water containing chemicals of concern above cleanup levels;

FACT SHEET: AUGUST 2001

COMMENTS WILL BE ACCEPTED:

August 27, 2001 through September 26, 2001.

Repositories:

WA Department of Ecology
Eastern Regional Office
4601 N. Monroe
Spokane, WA 99205-1295

Quincy City Hall
104 B Street Southwest
Quincy, WA 98848

Grant County Health District
35 First and C Street
Ephrata, WA 98823

Questions and Written Comments - Contact:

Mr. Guy Gregory
WA Department of Ecology
Toxics Cleanup Program
4601 N. Monroe
Spokane, WA 99205-1295
E-mail ggre461@ecy.wa.gov
(509) 456-6387 or
1-800-826-7716

Mailing List Contact:

Carol Bergin at Ecology
toll free 1-800-826-7716 or in
Spokane at (509) 456-6360
E-mail cabe461@ecy.wa.gov

- Eliminate transfer of chemicals from soils to ground water to protect beneficial uses;
- Restore beneficial uses of ground water at the point of compliance where cleanup levels must be met; and
- Evaluate, and if necessary eliminate, exposure to any site-related chemicals in soil gas.

To accomplish these objectives, Engineering Design Documents are available describing the following elements:

- Asphalt capping of on-property soils.

Site soils containing fumigant chemicals above cleanup levels will be paved with asphalt to eliminate exposure.

- Installation of on-property treatment systems, including:

Vapor Extraction of chemicals from soils above the caliche zone;

In-Situ air stripping and microsparge to remove chemicals from ground water; and

Oxygenation of ground water by air sparging

- Monitoring and institutional controls on exposure to off-property ground water.
- Air Monitoring Evaluation of Quincy High School

A schedule for site construction and monitoring activities is included with the design documents. Further detail on the selected remedy and cleanup action plan is available at

the site repositories listed on page one of this fact sheet.

WHAT HAPPENS NEXT?

Comments received will be evaluated for inclusion into the final Engineering Design. Once the design documents are final, the cleanup action work will be performed.

HOW YOU MAY BE INVOLVED:

Ecology invites the public to review and comment on the proposed Engineering Design Documents August 27, 2001 through September 26, 2001.

Please include your name and address on your comments if you would like a response. The box on page one indicates where to find information and send comments.

To review more detailed Site documents than those in the information repositories, contact Johnnie Harris of Ecology at (509) 456-2751 to schedule an appointment.

- ◆ Files may be reviewed at Ecology's Spokane office Monday through Thursday, 8-5 p.m. by appointment only.
- ◆ **Please submit written comments by September 26, 2001** to Mr. Guy Gregory, Site Manager, at the Ecology address listed in the box on page one.