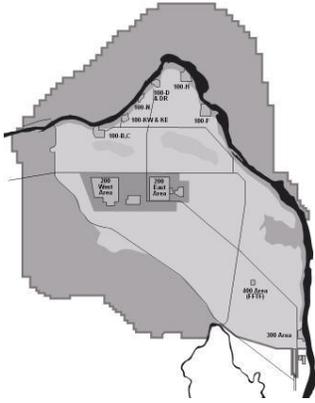


General Hanford Site Decommissioning Activities

Engineering Evaluation/Cost Analysis



The U.S. Department of Energy (DOE), the Washington State Department of Ecology, and the U.S. Environmental Protection Agency (the Tri-Party Agencies) would like your feedback on a plan that evaluates alternatives for removal actions for about 550 surplus industrial, buildings and structures and debris across the Hanford Site. The plan is a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) non-time-critical removal action Engineering Evaluation/Cost Analysis (EE/CA).

U.S. Department of Energy • Washington State Department of Ecology • U.S. Environmental Protection Agency

Background

Hanford has nearly 1,000 buildings and structures that supported site activities. Many of these buildings and structures were not used for radiological or chemical processing, but may have some incidental contamination since they are near contaminated places. Debris is from all areas of Hanford. It includes unused utility structures, abandoned fencing, concrete and rubble, scrap metal, and general solid wastes that may include some radiological, or chemical components. The excess structures are mostly small wood-framed, metal, cinder block, or concrete structures used for offices, change rooms, material storage buildings, or effluent monitoring buildings.

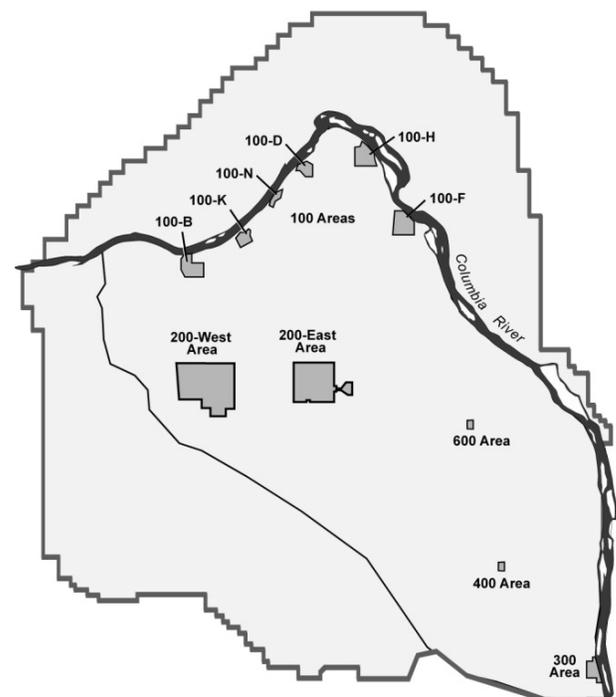
The scope of the EE/CA encompasses about 550 excess industrial buildings and structures (Table 2.1 in the EE/CA) that were never used for radiological or chemical processing, and miscellaneous debris.

In October 2009, The U.S. Department of Energy (DOE) issued advance notice of a public comment period for an environmental assessment (EA), prepared under the National Environmental Policy Act of 1969, to analyze the impacts of demolishing and disposing of buildings and structures at Hanford. After consulting with the U.S. Environmental Protection Agency and the Washington State Department of Ecology, DOE decided that the work could be better addressed through a Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Non-Time-Critical Removal Action. Therefore, DOE decided not to proceed with the EA.

Public Comment

The Tri-Party Agencies want your feedback on the General Hanford Site Decommissioning Activities EE/CA. The Public comment period will run from February 17, 2010 through March 19, 2010.

HANFORD SITE



What is an Engineering Evaluation/ Cost Analysis?

An EE/CA evaluates feasible and cost-effective options for a proposed removal action and recommends a preferred action under CERCLA. This EE/CA assesses risk and identifies a preferred cleanup alternative. The preferred removal action will protect human health and the environment, and provide a cost-effective solution.



A removal action is an action taken over the short term to address a release or threatened release of hazardous substance. An EE/CA identifies and evaluates removal action alternatives against three criteria: effectiveness, implementability and cost. The EE/CA also recommends an alternative. After public review and comment, the Tri-Party Agreement agencies issue an Action Memorandum (interim decision document).

What Cleanup Actions Were Evaluated?

The *General Hanford Site Decommissioning Activities* EE/CA evaluated three alternatives:

1. **No action.** CERCLA requires this alternative as a baseline against which to evaluate removal action alternatives. It assumes that the buildings, structures, and debris would be abandoned without any future actions, thus all short-term and long-term maintenance is terminated. **(Cost: \$0)**
2. **Continued Surveillance and Maintenance with future Decontamination, Deactivation, Decommissioning, and Demolition of Buildings/Structures and Cleanup of Debris.** Includes a period of building, structure, and debris surveillance, maintenance, and periodic inspections followed by decontamination, deactivation, decommissioning, and demolition of buildings and structures, and cleanup of debris at a future date. **(Cost: \$143,000,000)**
3. **Decontamination, Deactivation, Decommissioning and Demolition of Buildings/Structures and Cleanup of Debris.** Consists of near-term decontamination, deactivation, decommissioning, and demolition of the buildings and structures and cleanup of debris and associated waste disposal. **(Cost: \$96,000,000)**

What is the Preferred Alternative?

It's Alternative 3, Decontamination, Deactivation, Decommissioning, and Demolition of Buildings and Structures and Cleanup of Debris. Alternative 3 addresses near-term decommissioning of Hanford excess industrial buildings and structures and cleanup of miscellaneous debris. Work under this alternative will get on with cleanup and protect habitat and restore the natural environment.



This Engineering Evaluation/Cost Analysis can be viewed on line at <http://www.hanford.gov> under Hanford Events Calendar.

To access the document, click on More Event Calendar.

Go to the calendar (at the right). Select any date during the February 17 to March 19 timeframe.

Click on Public Comment Period for the General Hanford Site Decommissioning Activities EE/CA

How Can You Get Involved?

A public comment period will run from February 17, 2010 through March 19, 2010. The Tri- Party Agencies would like your feedback on this document and will consider all comments before finalizing it. The Action Memorandum that will contain the comments and responsiveness summary will be available in the Administrative Record.

Please submit comments to:



Doug Chapin
U.S. Department of Energy
Richland Operations Office
P.O. Box 550, Mailstop A5-11
Richland, Washington 99352
Email: BDCEECA@rl.gov

For Additional Information or a copy of the EE/CA, call the Hanford Cleanup Line: 1-800-321-2008

**The document is also available for review at the
Public Information Repositories listed below.**

HANFORD PUBLIC INFORMATION REPOSITORY LOCATIONS

<p><u>Portland</u> Portland State University Bradford Price and Millar Library 934 SW Harrison Attn: Claudia Weston (503) 725-4542 Map: http://www.pdx.edu/map.html</p>	<p><u>Seattle</u> University of Washington Suzallo Library Government Publications Division Attn: David Maack (206) 543-4664 Map: http://tinyurl.com/m8ebj</p>
<p><u>Richland</u> U.S. Department of Energy Public Reading Room Washington State University, Tri-Cities Consolidated Information Center, Room 101-L 2770 University Drive Attn: Janice Parthree (509) 372-7443 Map: http://tinyurl.com/2axam2</p>	<p><u>Spokane</u> Gonzaga University Foley Center East 502 Boone Attn: Linda Pierce (509) 323-3834 Map: http://tinyurl.com/2c6bpm</p>

Administrative Record and Public Information Repository:

Address: 2440 Stevens Center Place, Room 1101, Richland, WA

Phone: 509-376-2530

Web site address: <http://www2.hanford.gov/arpir/>

***General Hanford Site Decommissioning Activities
Engineering Evaluation/Cost Analysis***

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