

Permit Changes Proposed for Hanford Dangerous Waste Management Areas

The U.S. Department of Energy Richland Operations Office (DOE-RL) is holding a 60-day comment period on proposed changes to the Hanford Facility Dangerous Waste Permit. These changes will add the Low-Level Burial Grounds Trenches 31-34-94, the Central Waste Complex-Waste Receiving and Processing Facility (CWC-WRAP), and the T Plant Complex (T Plant) to the Hanford Permit.

April 2016

U.S. Department of Energy

Background

The proposed changes will add the following Operating Unit Groups (OUGs) to Hanford's Dangerous Waste Permit. The OUGs are located in Hanford's 200 Area:

- Low-Level Burial Grounds Trenches 31-34-94
- Central Waste Complex – Waste Receiving and Processing Facility (CWC-WRAP)
- T Plant Complex

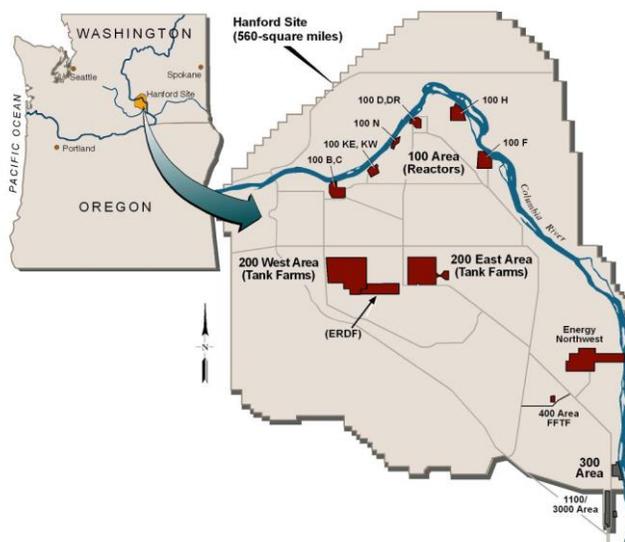
This Class 3 permit modification includes requirements for both operating and closing dangerous waste management units in each of the three OUGs. The operating units consist of areas within the OUGs that store, treat, and/or dispose of dangerous waste. Storage areas that will not receive future waste will be closed. The proposed modification includes closure plans for these areas.

Class 3 Modifications:

Class 3 permit modifications address changes that substantially alter a facility or its operations.

Class 3 modifications require two public participation opportunities:

- A minimum 60-day public comment period on the permit modification request, including a public meeting.
- A minimum 45-day public comment period on the permitting decision.



Public Comment

DOE-RL and the Washington Department of Ecology want your feedback on these proposed modifications. The public comment period will run from February 1 through April 8, 2016. **The comment period has been extended until May 13, 2016.**

Low-Level Burial Grounds Trenches 31-34-94

Located in Hanford's 200 Area, the Low-Level Burial Ground Trenches 31 and 34 are used to store and dispose of chemically hazardous waste (also called dangerous waste) or mixed waste from Hanford cleanup work. (Mixed waste contains both chemical and radioactive hazards). Trenches 31 and 34 are lined to collect any liquid that seeps through the disposed waste and the liquid is removed for treatment. A storage pad is located adjacent to each trench.

Trench 94 is an unlined disposal trench for defueled nuclear reactor compartments from the U.S. Navy's submarines and ships. These proposed changes do not affect the other burial grounds in Hanford's permit. Those units will remain as part of the permit under a separate permit application.



Trenches 31 and 34

Central Waste Complex – Waste Receiving and Processing Facility (CWC-WRAP)

This permit request combines CWC and WRAP into one unit (CWC-WRAP). The CWC-WRAP units are located in Hanford's 200 West Area. CWC-WRAP stores many types of mixed wastes and small amounts of low-level waste (which contains radioactive hazards only). Radioactive waste that does not contain chemically hazardous wastes is not covered by the permit.

The CWC-WRAP also treats waste, mostly transuranic waste and mixed transuranic waste, and manages dangerous waste and low-level waste. Treatment includes a variety of methods, such as neutralizing liquids, compacting solids, and repackaging waste into compliant shipment containers. CWC-WRAP receives waste for treatment from sources including retrieved waste from burial grounds, newly generated waste from Hanford, and waste generated at CWC-WRAP.



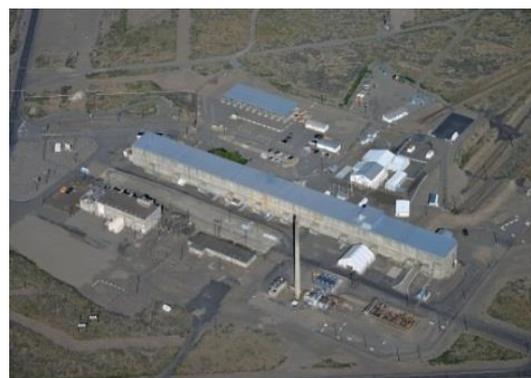
Central Waste Complex

T Plant Complex

The T Plant Complex is located in Hanford's 200 West Area. Built in 1943, T Plant stores and treats radioactive and mixed waste that comes from burial grounds and other facilities at Hanford. Other T Plant missions include sampling waste containers, venting containers to release gas, and a variety of treatment and repackaging of waste into shipment containers. Radioactive sludge from Hanford's K Basins will also be stored in T Plant, but these activities are not covered under the state's dangerous waste regulations and are not included in this permit.



Waste Receiving and Processing Facility



T Plant

The DOE-RL contact person for this permit change is Kristen Holmes, (509) 376-5803. The Washington Department of Ecology contact person is Stuart Luttrell, (509) 372-7950.

The permittees' compliance history during the life of the permit being modified is available from Ecology.

Copies of the proposed permit modification and supporting documentation are available at the Administrative Record, 2440 Stevens Drive, Richland, WA.

Alternatively, the proposed permit modification and supporting documents can be accessed online:

Section 1: <http://pdw.hanford.gov/arpir/index.cfm/docDetail?accession=0078648H>

Section 2: <http://pdw.hanford.gov/arpir/index.cfm/viewDoc?accession=0078647H>

Section 3: <http://pdw.hanford.gov/arpir/index.cfm/viewDoc?accession=0078646H>

Section 4: <http://pdw.hanford.gov/arpir/index.cfm/viewDoc?accession=0078645H>

Section 5: <http://pdw.hanford.gov/arpir/index.cfm/viewDoc?accession=0078644H>

How you can get involved

Comment period – February 1-April 8, 2016.

The comment period has been extended until May 13, 2016.

Please submit comments by *May 13, 2016* to:



Stuart Luttrell
Washington State Department of Ecology
3100 Port of Benton Blvd
Richland, WA 99354
Email: Hanford@ecy.wa.gov
Phone: 509-372-7950





U.S. Department of Energy
Richland Operations Office
P.O. Box 550, A7-75
Richland, WA 99352

The documents are available for review at the Public Information Repositories listed below

HANFORD PUBLIC INFORMATION REPOSITORY LOCATIONS

Portland

Portland State University Library
Government Information
Branford Price Millar Library – LIBW
PO Box 1151
Portland, OR 97207-1151
Attn: Claudia Irla (503) 725-4542
Map: <http://bit.ly/1K7BfuK>

Richland

U.S. Department of Energy Public Reading Room
Washington State University, Tri-Cities
Consolidated Information Center, Room 101-L
2770 University Drive
Richland, WA 99352
Attn: Janice Scarano (509) 375-7443
Map: <http://bit.ly/1LpZKUa>

Seattle

University of Washington
Suzzallo Library
Box 352900
Seattle, WA 98195-2900
Attn: Hilary Reinert c/o ARCS
(206) 543-5597
Map: <http://bit.ly/1QMtUog>

Spokane

Gonzaga University
Foley Center Library
East 502 Boone Avenue
Spokane, WA 99258
Attn: John Spencer (509) 313-6110
Map: <http://bit.ly/1Cp0mRT>

Administrative Record and Public Information Repository

2440 Stevens Center Place, Room 1101, Richland, WA
509-376-2530

<http://pdw.hanford.gov/arpir/>