

# LAWPS Operating Permit Modification

- Public comment period June 28 – Aug. 12, 2021
- Agency Initiated permit modification
- Provides operating details
- Closes Interim Compliance (IC) schedule item LAWPS-1

## Public comment invited

The Washington State Department of Ecology (Ecology) is proposing a change to the Hanford Facility Resource Conservation and Recovery Act Permit, Revision 8C.

This change affects the Dangerous Waste Portion for the Treatment, Storage, and Disposal of Dangerous Waste for the Low-Activity Waste Pretreatment System (LAWPS) Operating Unit Group (OUG) 1.

This Agency Initiated permit modification provides operating details for Phase One of the LAWPS OUG and IC Schedule Item LAWPS-1.

The Permittees are:

U.S. Department of Energy  
Office of River Protection  
P.O. Box 450  
Richland, WA 99352

Washington River Protection Solutions  
P.O. Box 850  
Richland, WA 99352

The LAWPS OUG will remove cesium and filter solids from tank supernatant waste for subsequent transfer to the Waste Treatment and Immobilization Plant (WTP) Low-Activity Waste (LAW) Facility for vitrification. The IC Schedule Item LAWPS-1 requires the Permittees to submit to Ecology for review an operating permit

modification request, including related AP Farm Tanks 241-AP-106, 241-AP-107 and 241-AP-108 operational requirements to support LAWPS operations.

## Background

The Hanford Site occupies 580 square miles in southeastern Washington State. Beginning in 1943, the site produced plutonium for the nation's defense program. Plutonium production ceased in the late 1980s. Today, waste management and environmental cleanup are the primary missions at Hanford.

The LAWPS Operating Unit Group will be located in the 200 East Area of the Hanford Site and will be operated in phases with Phase One as a Tank Side Cesium Removal (TSCR) unit.

## Overview of changes

The following documents are included in the permit modification to support the public comment period:

- Unit Specific Permit Conditions
- Appendix 1
- Appendix 2.6
- Addendum B, Waste Analysis Plan
- Addendum C, Process Information
- Addendum E, Security
- Addendum G, Personnel Training
- Addendum H, Closure Plan
- Addendum I, Inspection Plan
- Addendum J, Contingency Plan
- Supplemental Information

The permit modification includes two versions of Addendum J, Contingency Plan. The current Addendum J has been struck out and will be

replaced with an entirely new document, both documents are included in support of the public comment period.

### Why this permit change matters

The Permit establishes requirements to ensure waste management activities are protective of

human health and the environment. This permit change provides operating and maintenance details for the LAWPS OUG and the necessary information to closes out the IC Schedule Item LAWPS-1.



Figure 1 Process, Ancillary, and Control Enclosures on the Balance of Facilities pad- photo courtesy USDOE

### Reviewing the proposed changes

Ecology invites to you to review and comment on this proposed LAWPS operating permit modification. See the last page for comment period dates and information on how to submit comments.

Copies of the application for the proposed permit and supporting documentation will be available during the public comment period online at [Ecology's website](https://ecology.wa.gov/Waste-Toxics/Nuclear-waste/Public-comment-periods)<sup>1</sup>. The documents will also be available at the Hanford Public Information Repositories listed on the next page.

Ecology will consider and respond to all significant comments received during the public comment period. We will document our responses and issue a response to comments document when we make our final permitting decision.

<sup>1</sup> [Ecology.wa.gov/Waste-Toxics/Nuclear-waste/Public-comment-periods](https://ecology.wa.gov/Waste-Toxics/Nuclear-waste/Public-comment-periods)

## Hanford's Information Repositories

Ecology Nuclear Waste Program  
 Resource Center  
 3100 Port of Benton Blvd.  
 Richland, WA 99354  
 509-372-7950

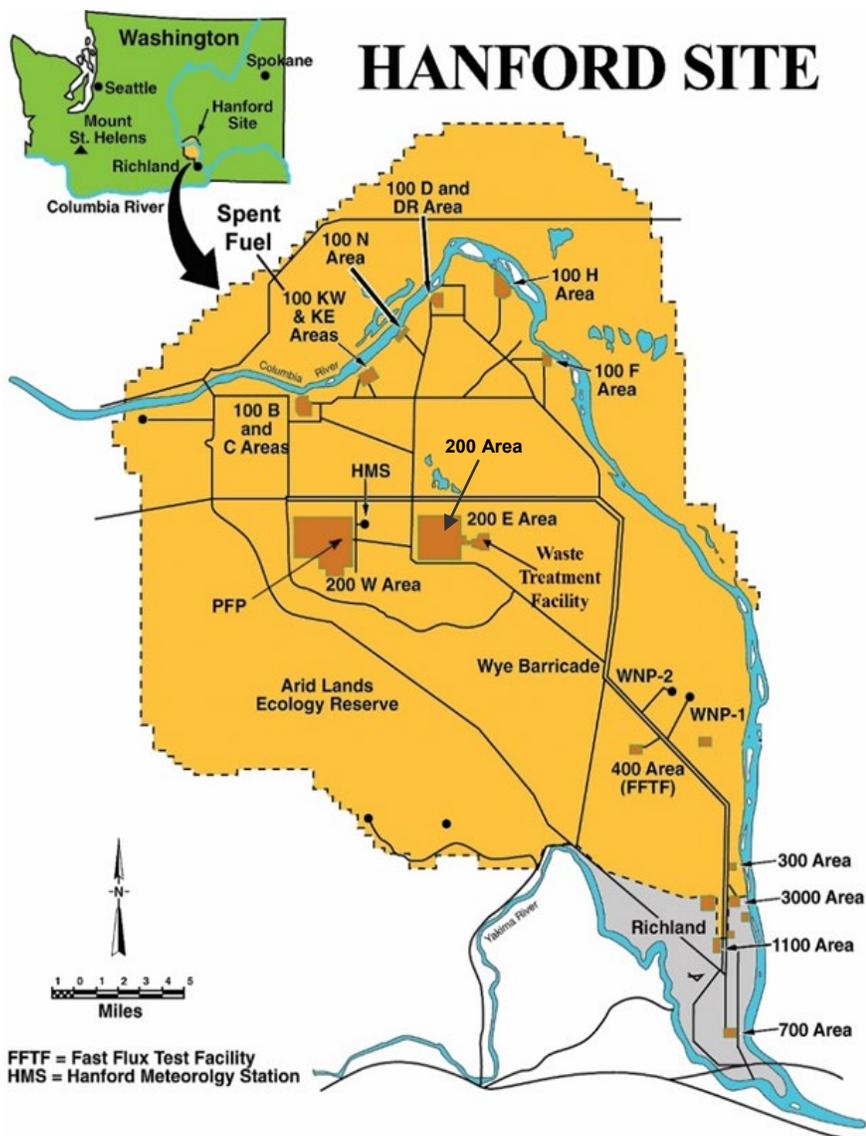
U.S. Department of Energy  
 Administrative Record  
 2440 Stevens Drive, Room 1101  
 Richland, WA 99354  
 509-376-2530

Washington State University Tri-Cities  
 Department of Energy Reading Room  
 2770 Crimson Way, Room 101L  
 Richland WA 99354

University of Washington  
 Suzzallo Library  
 P.O. Box 352900  
 Seattle, WA 98195  
 206-543-5597

Gonzaga University  
 Foley Center  
 502 E Boone Avenue  
 Spokane, WA 99258  
 509-313-6110

Portland State University  
 Millar Library  
 1875 SW Park Avenue  
 Portland, OR 97207  
 503-725-4542





3100 Port of Benton Blvd  
Richland WA 99354

## *LAWPS operating permit modification*

### **Public comment period June 28 to Aug. 12, 2021**

Electronic submission (preferred):  
<https://nw.ecology.commentinput.com/?id=cx2HN>

Mail or hand delivery

Daina McFadden  
3100 Port of Benton Blvd  
Richland, WA 99354

A public hearing is not scheduled, but if there is enough interest, we will consider holding one. To request a hearing or for more information, contact:

Daina McFadden  
509 372 7950  
[Hanford@ecy.wa.gov](mailto:Hanford@ecy.wa.gov)

To request an ADA accommodation, contact Ecology by phone at 509 372 7950, email at [Daina.McFadden@ecy.wa.gov](mailto:Daina.McFadden@ecy.wa.gov), or visit <https://ecology.wa.gov/accessibility>. For Relay Service or TTY call 711 or 877 833 6341.