

## Proposed Class 2 Permit Modification for the Liquid Effluent Retention Facility and 200 Area Effluent Treatment Facility

The U.S. Department of Energy (DOE) is holding a 60-day public comment period on a proposed modification to the Hanford Dangerous Waste Permit. The proposed modification would allow DOE to connect a waste transfer line from the Waste Treatment and Immobilization Plant's Effluent Management Facility (EMF) to the Liquid Effluent Retention Facility (LERF), and to make improvements to the 200 Area Effluent Treatment Facility (ETF) in preparation for tank waste treatment.

PUBLIC COMMENT PERIOD: SEPT. 16 to NOV. 15, 2019

### 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.

DOE and its contractor Washington River Protection Solutions have requested a Class 2 modification to the LERF and 200 Area ETF chapter of the Hanford Dangerous Waste Permit. The LERF and 200 Area ETF receive process wastewater from the 242-A Evaporator and other Hanford remediation and waste management activities. Wastewater from LERF is pumped to the 200 Area ETF for treatment to remove contaminants. The ETF is located near the center of the Hanford Site in the 200 East Area (see map).

### Overview

The permit establishes requirements to ensure that waste management activities protect human health and the environment. DOE has proposed a Class 2 modification to the permit pursuant to Washington Administrative Code [WAC 173-303-830](#), which requires a 60-day public review process.

### Summary of Changes

If approved, the modification would allow DOE to connect a waste transfer line from EMF to LERF and to make improvements to the 200 Area ETF so that it can support tank waste treatment. The improvements include adding a secondary waste load-out system inside ETF and adding a filter sump tank to the existing load-in station. This requires modification to the permit conditions and applicable addenda. Modifications to the addenda include revised information on the LERF and the 200 Area ETF boundary, the waste analysis plan, facility improvements, container management, leak detection, closure and inspection requirements.



#### PUBLIC COMMENT PERIOD

Sept. 16 to Nov. 15

*Get Involved  
Stay Informed*

#### Public Meeting:

Oct. 9, 5:30 p.m.  
Richland Public Library  
955 Northgate Dr.  
Richland, WA 99352

#### Contact Information:

Jennifer Colborn  
(509) 376-5480  
Jennifer\_M\_Colborn@rl.gov  
Daina McFadden, Ecology  
(509) 372-7950  
Hanford@ecy.wa.gov

**Administrative Record:**  
<https://go.usa.gov/xyMaZ>

**Submit Comments:**  
<http://wt.ecology.commentingpu.t.com/?id=pSNds>



### Permit Addenda Affected by this Modification:

- Permit Conditions
- Addendum A, Part A Form
- Addendum B, Waste Analysis Plan
- Addendum C, Process Information
- Addendum F, Preparedness and Prevention
- Addendum H, Closure Plan
- Addendum I, Inspection Requirements



**A 60-day public comment period will begin Sept. 16** and will continue through Nov. 15. A public meeting will be held on Oct. 9 at 5:30 p.m. at the Richland Public Library, 955 Northgate Drive, Richland, Washington 99352.

To request disability accommodation, please contact Jennifer Colborn, [Jennifer\\_M\\_Colborn@rl.gov](mailto:Jennifer_M_Colborn@rl.gov), (509) 376-5840, at least 10 working days prior to the event.

All comments must be submitted by Nov. 15 in writing by mail or electronically (preferred) to:



Washington State Department of Ecology

3100 Port of Benton Boulevard

Richland, WA 99354

<http://wt.ecology.commentinput.com/?id=pSNds> (preferred)

At the conclusion of the public comment period, the Washington State Department of Ecology will address public comments and prepare a Response to Comment document.

Copies of the proposed modification and supporting documentation will be available online during the public comment period at <http://go.usa.gov/xyMaZ>, on Ecology's website at <http://go.usa.gov/xyCer>, and at the Hanford Public Information Repositories at <https://go.usa.gov/xVDxC>.

## Public Involvement Opportunity

**We want to hear from you on the proposed changes to the LERF and 200 Area ETF chapter of the Hanford Dangerous Waste Permit!**

**Comment Period:** September 16 to November 15, 2019

**Public Meeting:** October 9, 2019, 5:30 p.m., Richland Public Library



Class 2 Permit Modification Fact Sheet  
U.S. Department of Energy  
Office of River Protection  
P.O. Box 450, H6-60  
Richland, WA 99352