



Comment Period

March 31 – May 29, 2022

Virtual Public Meeting

May 3, 5:30 p.m. PT
(see page 3 for details)

Send comments by
May 29 to

<http://nw.ecology.commentinput.com/?id=3x2ea>

Administrative Record:

<https://pdw.hanford.gov/document/AR-18485>

Contact Information

Dana Gribble, Hanford
Mission Integration Solutions,
(509) 376-5917
jennifer_m_colborn@rl.gov

Daina McFadden, Washington
State Department of Ecology,
(509) 372-7950
Hanford@ecy.wa.gov



An aerial view of the Effluent Treatment Facility in the 200 East Area

The U.S. Department of Energy (DOE) is holding a 60-day public comment period on a proposed Class 2 permit modification to the Hanford Dangerous Waste Permit, “Liquid Effluent Retention Facility (LERF) and 200 East Area Effluent Treatment Facility (ETF)” chapter. This proposed permit modification is required to install and operate a carbon dioxide removal skid at the Effluent Treatment Facility. The removal skid is a filtering system that will remove excess carbon dioxide generated during the treatment process. This additional capability is necessary to treat the Waste Treatment and Immobilization Plant Effluent Management Facility waste.

Background

The Hanford Site is located in southeastern Washington state along the Columbia River. The 580-square-mile site was created in 1943 as part of the Manhattan Project to produce plutonium for the nation’s defense program. Today, waste management and environmental cleanup are the main missions at Hanford.

The DOE and contractor Washington River Protection Solutions are requesting a Class 2 modification to the LERF and ETF unit group of the Hanford Dangerous Waste Permit. The LERF and ETF are mixed-waste treatment and storage units for treating liquid effluents from operating Hanford cleanup facilities. Sources of effluent include the 242-A Evaporator and the Waste Treatment and Immobilization Plant’s Effluent Management Facility (when it becomes operational) which are part of the Direct-Feed Low-Activity Waste Program.



Overview

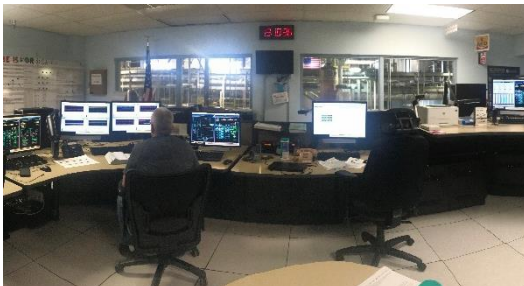
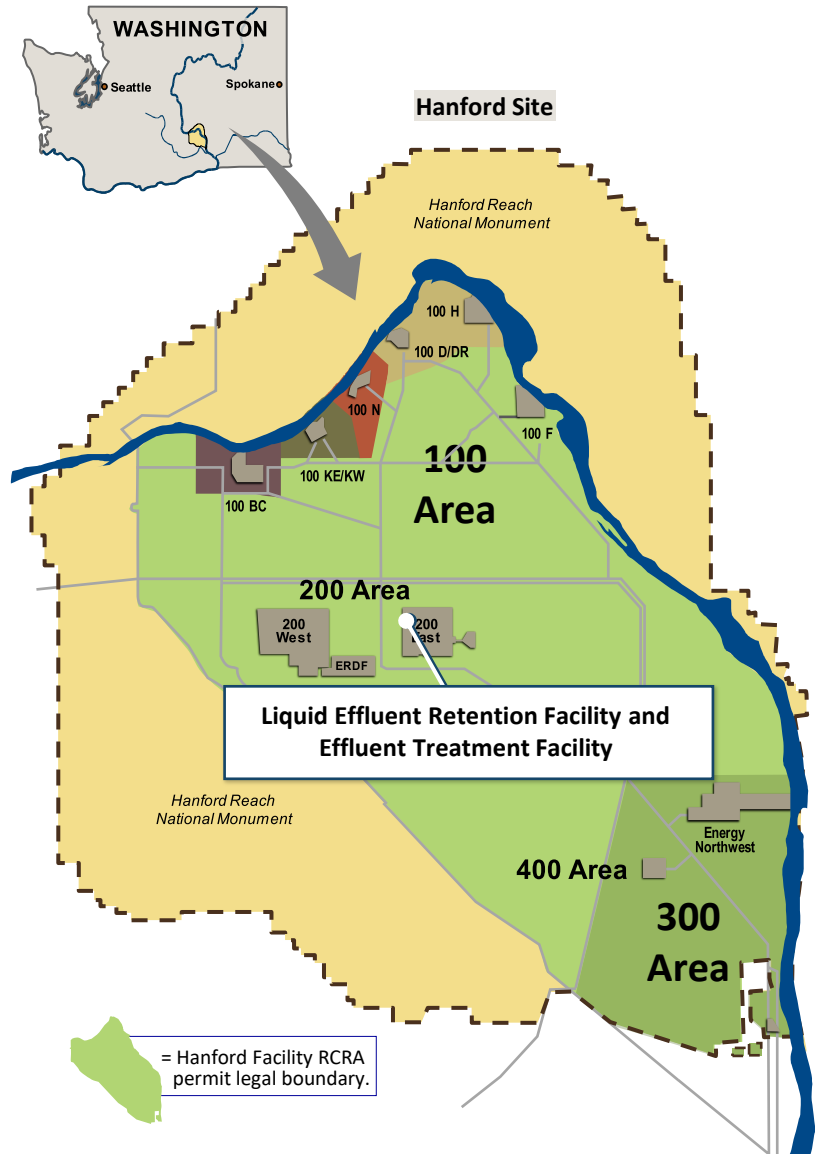
The Hanford Dangerous Waste Permit establishes requirements to ensure that waste management activities protect human health and the environment. DOE is proposing a Class 2 permit modification pursuant to [WAC 173-303-830](#), which requires a 60-day comment period, a public meeting, a newspaper notice, and a mailing list notice. This fact sheet is the mailing notice.

Summary of Changes

If approved, the modification would allow DOE to install and operate additional carbon dioxide removal capability at the Effluent Treatment Facility.

Permit Chapters Affected by this Modification

- Addendum B, “Waste Analysis Plan”
- Addendum C, “Process Information”
- Addendum I, “Inspection Requirements”



The Liquid Effluent Retention Facility and Effluent Treatment Facility are monitored closely by the operations staff in the control room



Outside the Effluent Treatment Facility

Public Involvement

A 60-day public comment period will begin March 31 through May 29, 2022. A virtual public meeting will be held May 3, 2021, at 5:30 p.m. PT, and will include a presentation introducing the LERF and ETF modification for the installation and operation of a carbon dioxide removal skid. During the virtual meeting, you can view the presentation, hear the speakers and ask your questions. To participate via Microsoft Teams, please follow the instructions below:

Join on your computer or Teams mobile app

[Click here to join the meeting](#)

<https://bit.ly/35Kxdvb>

Join with a video conferencing device

197920091@teams.bjn.vc

Video Conference ID: 111 329 341 1

Or call in (audio only)

[\(509\) 931-1284](tel:(509)931-1284) United States

[\(833\) 633-0875](tel:(833)633-0875) United States (Toll-free)

Phone Conference ID: 881 182 033#

All comments must be submitted by May 29, 2022, in writing, by mail or electronically (preferred) to:

Washington State Department of Ecology

3100 Port of Benton Boulevard

Richland, WA 99354

<http://nw.ecology.commentinput.com/?id=3x2ea> (preferred)

At the conclusion of the public comment period, the Washington State Department of Ecology will address public comments and issue a final permit.

Copies of the proposed plan and supporting documentation will be available online during the public comment period in the Administrative Record at <https://pdw.hanford.gov/document/AR-18485>. Hanford Public Information Repository locations are listed at <https://go.usa.gov/xVDTS>.

The permittee's compliance history during the life of the permit being modified is available from the Washington State Department of Ecology contact person.

Please contact Dana Gribble, at dana_c_gribble@rl.gov or (509) 376-5917, at least 10 working days prior to the event to request disability accommodation. DOE makes every effort to honor disability accommodation requests.



Dana Gribble, Hanford
Mission Integration Solutions
P.O. Box 450, H6-60
Richland, WA 99352

Daina McFadden, Washington
State Department of Ecology
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Richland, WA 99354



Public Involvement Opportunity

We want to hear from you.

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