

200 Area Treated Effluent Disposal Facility

State Waste Discharge Permit ST0004502 renewal

- Public comment period June 28 – July 28, 2021
- Special conditions to protect groundwater
- 200 Area TEDF supports various facilities on the Hanford Site



A Basin: 200 Area TEDF

Public comment invited

The Washington State Department of Ecology (Ecology) is inviting the public to comment on the draft permit and fact sheet supporting the renewal of State Waste Discharge Permit ST0004502 for the 200 Area Treated Effluent Disposal Facility (200 Area TEDF).

The permittee is:

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

Renewal overview

The Permittee applied to renew the State Waste Discharge Permit for the 200 Area TEDF.

Ecology reviewed this application and drafted the permit in accordance with the provisions of Chapter 90.48 Revised Code of Washington and Chapter 173-216 Washington Administrative Code.

After developing the draft permit, we made a tentative determination on the special permit conditions that will prevent and control pollution

of the groundwater. However, we will not make a final determination until we evaluate all comments received during this public comment period.

Facility background

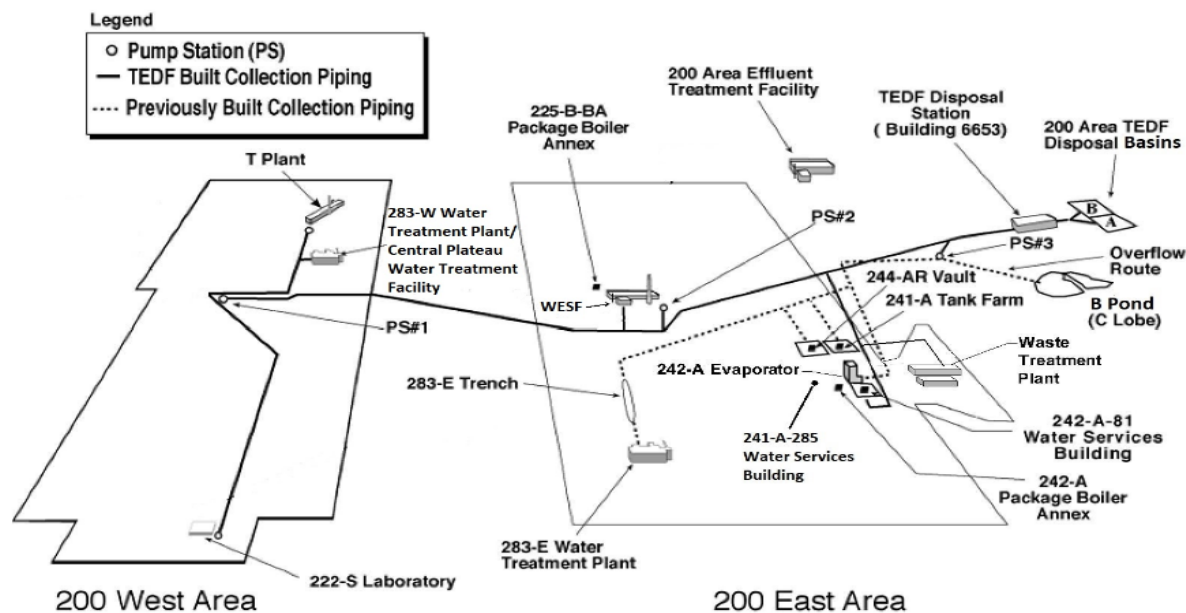
The 200 Area TEDF consists of two adjacent 5-acre infiltration basins located in the 200 East Area. The disposal basins are named A Basin and B Basin, previously referred to as A Pond and B Pond.

The facility supports a variety of facilities on the Hanford Site, and is sized to support future discharges from the Tank Waste Treatment and

Immobilization Plant. It is designed to dispose to the ground non-contact cooling water, steam condensate, raw and treated Columbia River water, boiler blowdown, and other sources of non-dangerous process wastewater.

The disposal facility is a 12-mile-long piped collection system that does not have any treatment or retention capacity.

Through strict source control and careful siting of the discharge location, there is little risk of driving contamination into the soil or groundwater or impacting historical, archaeological, and cultural resources.



200 Area TEDF Collection System

Reviewing the proposed changes

Ecology invites you to review and comment on the draft permit and fact sheet for the 200 Area TEDF. See the last page for comment period dates and information on how to submit comments.

Copies of the application for the proposed permit, the draft permit and fact sheet, and supporting documentation will be available during the public comment period online at [Ecology's website](https://ecology.wa.gov)¹. 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.

¹ [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

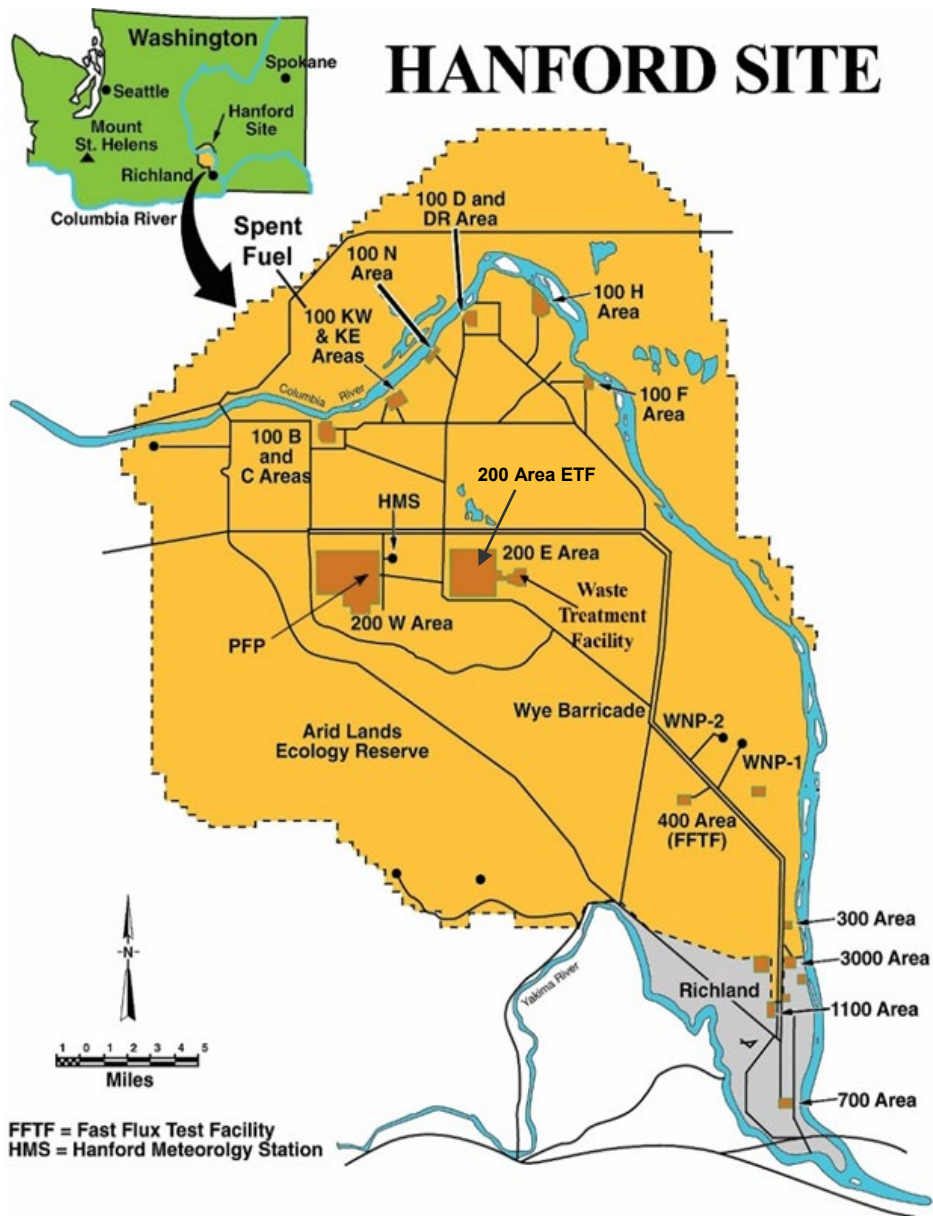
U.S. Department of Energy
Administrative Record
2440 Stevens Drive, Room 1101
Richland, WA 99354
509-376-2530

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

200 Area TEDF permit renewal

Public comment period June 28 – July 28, 2021

Electronic submission (preferred):
<https://nw.ecology.commentinput.com/?id=cHb7e>

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

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