

THE HANFORD SITE

This is a message from the U.S. Department of Energy

Washington Administrative Code Chapter 173-303, “Dangerous Waste Regulations,” requires the U.S. Department of Energy (DOE) and its contractors (as permittees) to notify the Hanford email list about changes to the *Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion, Revision 8C, for the Treatment, Storage, and Disposal of Dangerous Waste, WA7890008967* (Site-wide Permit). The purpose of this notice is to fulfill the notification requirement.

The permit changes associated with this notice are categorized as Class 1 modifications. Class 1 modifications are considered minor and do not require a public comment period.

The modifications described in this notice affect information contained in Site-wide Permit Parts I and II, “Standard and General Facility Conditions,” and Part III, “Unit-Specific Conditions for Final Status Operations.” The changes to Parts I and II affect historical information about prior permit modifications. The changes to Part III affect the Liquid Effluent Retention Facility and 200 Area Effluent Treatment Facility (Operating Unit Group 3), 325 Hazardous Waste Treatment Units (Operating Unit Group 5), Waste Treatment and Immobilization Plant (Operating Unit Group 10), and the Integrated Disposal Facility (Operating Unit Group 11).

Parts I and II, Standard and General Facility Conditions – This portion of the permit describes standard and general conditions applicable to work activities conducted at Hanford. It also provides background information about the permit and permittees. Changes were made to the permit change history information. The tracking number for this modification is PCN-HFSW-2020-01. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-03847>.

Part III, Liquid Effluent Retention Facility and 200 Area Effluent Treatment Facility (Part III, Operating Unit Group 3) – These facilities store and treat liquid waste in the 200 East Area. The liquid waste includes process condensate from the 242-A Evaporator and other liquid waste generated from Hanford cleanup activities. The LERF consists of lined surface basins. Liquid waste from LERF is pumped to the 200 Area ETF for treatment to remove contaminants. The liquid effluent from the ETF is then discharged to a state-approved land disposal site north of the 200 West Area, in the central part of the Hanford Site. Changes were made to the Unit Specific Conditions and Addendum C, “Process Information.” The tracking number for this modification is PCN-LERF/ETF-2020-01. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-03879>.

Part III, 325 Hazardous Waste Treatment Units (Part III, Operating Unit Group 5) – This building treats and stores dangerous waste associated with Pacific Northwest National Laboratory’s 300 Area facilities. Changes were made to the Unit Specific Conditions and Addendum J, “Contingency Plan.” The tracking number for this modification is PCN-325-2020-01. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-03846>.

Part III, Waste Treatment and Immobilization Plant (Part III, Operating Unit Group 10) – This plant, located in the 200 East Area, will immobilize Hanford tank waste in a glass matrix. Changes were made to the Unit Specific Conditions and Appendix 9.9, “Material Selection Documentation.” The tracking number for this modification is 24590-LAW-PCN-ENV-19-005. The modification is available for review in

the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-02632> and <https://pdw.hanford.gov/document/AR-03663>.

Part III, Integrated Disposal Facility (Part III, Operating Unit Group 11) – This facility is an expandable, lined landfill located in the 200 East Area. The Integrated Disposal Facility will be used to dispose of vitrified low-activity waste from the Waste Treatment and Immobilization Plant. Updates were made to the Unit Specific Conditions and the “Pre-Active Life Contingency Plan” (Addendum J.1). The tracking number for this modification is PCN-IDF-2020-03. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-03848>.

If you have any questions, please contact Tony McKarns, DOE Richland Operations Office, at (509) 376-8981, or Stephanie Schleif, Washington State Department of Ecology, at (509) 372-7929.