

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* (Sitewide permit). The purpose of this notice is to fulfill the notification requirement.

The Sitewide 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 Attachment 4A of the permit, “Building Emergency Directors / Building Wardens” and Part III of the permit, “Unit-Specific Conditions for Final Status Operations.” The changes to Attachment 4A affect one of the tables contained in the subject attachment (i.e., Table 4A-1), “Building Emergency Directors/Building Wardens for Units in the Permit.” The changes to Part III affect the Hanford Site Liquid Effluent Retention Facility and 200 Area Effluent Treatment Facility (Operating Unit Group 3), the Waste Treatment and Immobilization Plant (Operating Unit Group 10), the Integrated Disposal Facility (Operating Unit Group 11), and the Capsule Interim Storage operating unit group (Operating Unit Group 19).

Attachment 4A, Building Emergency Directors / Building Wardens – This portion of the Sitewide permit provides names of qualified building emergency directors and building wardens and identifies emergency response plan locations. The tracking number for this modification is PCN-4A-2020-02. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-04389>.

Part III, Liquid Effluent Retention Facility and 200 Area Effluent Treatment Facility (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 Liquid Effluent Retention Facility consists of lined surface basins. Liquid waste from the Liquid Effluent Retention Facility is pumped to the 200 Area Effluent Treatment Facility for treatment to remove contaminants. The liquid effluent from the Effluent Treatment Facility 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, Addendum A, “Part A Form,” and Addendum C, “Process Information.” The tracking numbers for the modifications are PCN-LERF/ETF-2020-03 and PCN-LERF/ETF-2020-04. The modifications are available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-04384> and <https://pdw.hanford.gov/document/AR-04388>.

Part III, Waste Treatment and Immobilization Plant (Operating Unit Group 10) – This plant, located in the 200 East Area, will immobilize Hanford tank waste within a glass matrix. Changes were made to Appendices 11.1, “Process Flow Diagrams,” and 11.2, “Piping and Instrumentation Diagrams.” The tracking number for this modification is 24590-LAB-PCN-ENV-19-003. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-04140> and <https://pdw.hanford.gov/document/AR-04213>.

Part III, Integrated Disposal Facility (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 (immobilized in glass) low-activity waste from the Waste Treatment and Immobilization Plant. Updates were made to the Unit Specific Conditions, Chapter 6.0, “Procedures to Prevent Hazards,” and Addendum J.1, “Pre-Active Life Contingency Plan.” The tracking number for this modification is PCN-IDF-2020-05. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-04378>.

Part III, Capsule Interim Storage (Operating Unit Group 19) – The Capsule Interim Storage dangerous waste operating unit group is located in the 200 East Area. This operating unit group stores cesium and strontium capsules formerly stored at Hanford’s Waste Encapsulation and Storage Facility. Updates were made to the Unit Specific Conditions and Addendum J, “Contingency Plan.” The tracking number for this modification is PCN-CIS-2020-01. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-04393>.

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.