

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,” Attachment 4A, “Building Emergency Directors/Building Wardens,” Attachment 9, “Permit Applicability Matrix,” Part III, “Unit-Specific Conditions for Final Status Operations,” and Part V, “Unit-Specific Conditions for Units Undergoing Closure.” The changes to Parts I and II affect information about the status of treatment, storage and disposal unit groups and permit modification history. The changes to Attachment 4A affect Table 4A-1, “Building Emergency Directors/Building Wardens for Units in the Permit.” The changes to Attachment 9 affect information about the 276-BA Outdoor Storage Area. The changes to Part III affect the Waste Treatment and Immobilization Plant (Operating Unit Group 10) and the Integrated Disposal Facility (Operating Unit Group 11). The changes to Part V affect the Plutonium Uranium Extraction Plant (PUREX) storage tunnels (Closure Unit Group 25) and the 276-BA Organic Storage Area (Closure Unit Group 32).

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 treatment, storage and disposal unit status table and to the permit change history information. The tracking number for this modification is PCN-276-BA-2020-01. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-04080>.

Attachment 4A, Building Emergency Directors/Building Wardens – This portion of the 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-2020-01. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-04081>.

Attachment 9, Permit Applicability Matrix – This document identifies the applicability of requirements for various categories of work activities conducted at Hanford. Updates were made to address closure of the 276-BA Organic Storage Area. The tracking number for this modification is PCN-276-BA-2020-01. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-04080>.

Part III, Waste Treatment and Immobilization Plant (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 Appendix 9.2, “Low-Activity Waste Piping and Instrumentation Diagrams.” The tracking numbers for the

modifications 24590-LAW-PCN-ENV-19-008 and 24590-LAW-PCN-ENV-19-010. The modifications are available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-04061> and <https://pdw.hanford.gov/document/AR-04060>.

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 4.0, Appendix 4A Sections 1 and 3, Appendix 4D, and Appendix C9. The tracking number for this modification is PCN-IDF-2020-04. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-04082>.

Part V, PUREX Storage Tunnels (Closure Unit Group 25) – Two PUREX storage tunnels are located in the 200 East Area of the Hanford Site. The tunnels are used for the storage of waste – mostly large equipment components – from the PUREX Plant and other onsite sources. The tunnels protect workers, the environment and the public from exposure to highly radioactive residues within the stored waste. Updates were made to engineering drawings in Chapter 11 and to the Unit Specific Conditions. The tracking number for this modification is PCN-PUREX-2019-03. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-04059>.

Part V, 276-BA Organic Storage Area (Closure Unit Group 32) – The 276-BA Organic Storage Area is located in the northeast portion of the 200 East Area of Hanford. The 276-BA Organic Storage Area was part of the B Plant Organic Mixed Waste Storage System. The Organic Mixed Waste Storage System was used for chemical processing and to store organic chemicals used in the recovery and purification of strontium. This unit has undergone closure. Updates were made to retire the unit's permit requirements. The tracking number for this modification is PCN-276-BA-2020-01. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-04080>

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.