

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 the following portions of the permit:

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/co-operators. Changes were made to unit-group names, permittee/co-operator information, and permit change history. The modification tracking number is PCN-HFSW-2020-03. The modification information is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-10850>.

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. Changes were made to Table 4A-1, “Building Emergency Directors/Building Wardens for Units in the Permit.” The modification tracking number is PCN-4A-2021-01. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-10851>.

Part III, Waste Treatment and Immobilization Plant (Operating Unit Group 10) – This plant, located in the 200 East Area of the Hanford Site, will immobilize Hanford tank waste within a glass matrix. Changes were made to Appendices 1.3, “WTP Interim Compliance Schedule WTP Low-Activity Waste Facility”; 1.4, “Interim Compliance Schedule WTP Effluent Management Facility (EMF)”; and 10.2, “High-Level Waste (HLW) Building Piping and Instrumentation Diagrams.” The modification tracking numbers and the DOE Administrative Record hyperlinks where the modifications are available for review are as follows:

24590-WTP-PCN-ENV-20-002: <https://pdw.hanford.gov/document/AR-04896> and <https://pdw.hanford.gov/document/AR-06624>

24590-HLW-PCN-ENV-20-001: <https://pdw.hanford.gov/document/AR-04316> and <https://pdw.hanford.gov/document/AR-10365>

24590-HLW-PCN-ENV-20-003: <https://pdw.hanford.gov/document/AR-07983> and <https://pdw.hanford.gov/document/AR-09820>

Part III, Integrated Disposal Facility (Operating Unit Group 11) – The Integrated Disposal Facility is an expandable, lined landfill located in the 200 East Area of the Hanford Site. The facility will be used to dispose of vitrified (immobilized in glass) low-activity waste from Hanford’s Waste Treatment and

Immobilization Plant. Changes were made to the Unit Specific Conditions and Addendum A, "Part A Form." The modification tracking number is PCN-IDF-2020-06. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-06661> and <https://pdw.hanford.gov/document/AR-10235>.

Part III, Waste Encapsulation Storage Facility (Closure Unit Group 6 and Operating Unit Group 14) – This facility is located in the 200 East Area of the Hanford Site. This facility provides underwater storage of cesium and strontium capsules until they are transferred to the Capsule Interim Storage dangerous waste operating unit group. Changes were made to Addendum A, "Part A Form." The modification tracking number is PCN-WESF-2020-01. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-06661> and <https://pdw.hanford.gov/document/AR-10235>.

Part III, 400 Area Waste Management Unit (Operating Unit Group 16) – This facility stores elemental sodium, sodium potassium, sodium hydroxide, potassium hydroxide, and contaminated debris. Changes were made to the Unit Specific Conditions and Addendum A, "Part A Form." The modification tracking number is PCN-400WMU-2020-01. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-06661> and <https://pdw.hanford.gov/document/AR-10235>.

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 of the Hanford Site. This operating unit group provides above ground dry storage of cesium and strontium capsules until they are transferred to another storage unit, a treatment unit, or a national repository. Changes were made to Addendum A, "Part A Form." The modification tracking number is PCN-CIS-2020-02. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-06661> and <https://pdw.hanford.gov/document/AR-10235>.

Part V, PUREX Storage Tunnels (Closure Unit Group 25) – Two Plutonium Uranium Extraction Plant (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 plant and other onsite sources. The tunnels protect workers, the environment and the public from exposure to highly radioactive residues within the stored waste. Changes were made to the Unit Specific Conditions and Addendum A, "Part A Form." The modification tracking number is PCN-PUREX-ST-2020-01. The modification is available for review in the DOE Administrative Record at <https://pdw.hanford.gov/document/AR-06661> and <https://pdw.hanford.gov/document/AR-10235>.

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) 372-7974.