

INTRODUCTION

Where information regarding treatment, management, and disposal of the radioactive source, byproduct material, special nuclear material (as defined by the Atomic Energy Act of 1954, as amended) and/or the radionuclide component of mixed waste has been incorporated into this permit, it is not incorporated for the purpose of regulating the radiation hazards of such components under the authority of this permit or [Chapter 70.105 RCW](#).

Pursuant to [Chapter 70.105 RCW](#), the Hazardous Waste Management Act (HWMA) of 1976, as amended, [Chapter 70.105D RCW](#), the Model Toxics Control Act (MTCA), and regulations promulgated there under by the Washington State Department of Ecology (hereafter called Ecology), codified in [Chapter 173-303](#) Washington Administrative Code (WAC), Dangerous Waste Regulations, a Dangerous Waste Permit is issued to the United States Department of Energy (USDOE) - Richland Operations Office (RL) and Office of River Protection (ORP) [owner/operator], and its contractors [co-operators], Bechtel National, Incorporated (BNI), CH2MHILL Plateau Remediation Company (CHPRC), Mission Support Alliance, LLC (MSA), Pacific Northwest National Laboratory (PNNL), Washington Closure Hanford, LLC (WCH), and Washington River Protection Solutions, LLC (WRPS) and hereafter called the Permittees, for the treatment, storage, and disposal of dangerous waste at the Hanford Facility.

This Dangerous Waste Permit, issued in conjunction with the United States Environmental Protection Agency's (hereafter called EPA) Hazardous and Solid Waste Amendments Portion of the Resource Conservation and Recovery Act (RCRA) Permit for the Treatment, Storage, and Disposal (TSD) of Hazardous Waste (HSWA Permit), constitutes the RCRA Permit for the Hanford Facility. Use of the term "Permit" within the Dangerous Waste Permit will refer to the Dangerous Waste Permit, while use of the term "Permit" within the HSWA Permit, will refer to the HSWA Permit. Use of the same term in both the Dangerous Waste Permit and the HSWA Permit, will have the standard meaning associated with the activities addressed by the permit in which the term is used. Such meanings will prevail, except where specifically stated otherwise.

The Permittees will comply with all terms and conditions set forth in this Permit and those portions of the Attachments that have been specifically incorporated into this Permit. When the Permit and the Attachments (except Permit Attachment 1) conflict, the wording of the Permit will prevail. The Permit is intended to be consistent with the terms and conditions of the Hanford Federal Facility Agreement and Consent Order (HFFACO, Permit Attachment 1). The Permittees will also comply with all applicable state regulations, including [Chapter 173-303 WAC](#).

Applicable state regulations are those which are in effect on the date of issuance, or as specified in subsequent modifications of this Permit. In addition, applicable state regulations include any self-implementing statutory provisions and related regulations which, according to the requirements of the HWMA, as amended, or other law(s), are automatically applicable to the Permittees' dangerous waste management activities, notwithstanding the conditions of this Permit.

This Permit is based upon the Administrative Record, as required by [WAC 173-303-840](#). The Permittees' failure in the application, or during the Permit issuance process, to fully disclose all relevant facts, or the Permittees' misrepresentation of any relevant facts at any time, will be grounds for the termination or modification of this Permit and/or initiation of an enforcement action, including criminal proceedings. The Permittees will inform Ecology of any deviation from the Permit conditions, or changes in the information on which the application is based, which would affect either the Permittees' ability to comply, or actual compliance with the applicable regulations or the Permit conditions, or which alters any condition of this Permit in any way.

1 Ecology will enforce all conditions of this Permit for which the State of Washington is authorized, or
2 which are "state-only" provisions (i.e., conditions broader in scope or more stringent than the federal
3 RCRA program). Any challenges of any Permit condition may be appealed in accordance with
4 [WAC 173-303-845](#). In the event that any Permit condition is challenged by any Permittee under
5 [WAC 173-303-845](#), Ecology may stay any such Permit condition as it pertains to all Permittees, in
6 accordance with the same terms of any stay it grants to the challenging Permittee. If such a stay is
7 granted, it will constitute a "stay by the issuing agency" within the meaning of [RCW 43.21B.320](#)(1).

8 This Permit has been developed to allow a step-wise permitting process of the Hanford Facility to ensure
9 the proper implementation of the HFFACO. In order to accomplish this, this Permit consists of six (6)
10 parts.

11 **Part I, Standard Conditions**, contains conditions which are similar to those appearing in all dangerous
12 waste permits.

13 **Part II, General Facility Conditions**, combines typical dangerous waste permit conditions with those
14 conditions intended to address issues specific to the Hanford Facility. Where appropriate, the general
15 facility conditions apply to all final status dangerous waste management activities at the Facility. Where
16 appropriate, the general facility conditions also address dangerous waste management activities which
17 may not be directly associated with distinct TSD units, or which may be associated with many TSD units
18 (i.e., spill reporting, training, contingency planning, etc.). Part II also includes conditions that address
19 corrective action at solid waste management units and areas of concern.

20 **Part III, Unit-Specific Conditions for Operating Units**, contains those Permit requirements that apply
21 to each individual TSD unit operating under final status. Conditions for each TSD unit are found in a
22 chapter dedicated to that TSD unit. These unit-specific chapters contain references to Standard
23 Conditions (Part I) and General Conditions (Part II), as well as additional requirements which are
24 intended to ensure that each TSD unit is operated in an efficient and environmentally protective manner.
25 Additional requirements may also be added when an operating unit ceases operations and undergoes
26 closure.

27 **Part IV, Unit-Specific Conditions for Corrective Action**, contains Permit conditions for releases from
28 Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs). For past practice units
29 identified in the HFFACO as either Comprehensive Environmental Response, Compensation, and
30 Liability Act (CERCLA) Past Practice units (CPP units) or combined Resource Conservation and
31 Recovery Act-Comprehensive Environmental Response, Compensation and Liability Act Past Practice
32 units (R-CPP units), the corrective action conditions are structured around reliance on, the investigation
33 and cleanup requirements established under the HFFACO. For TSD units identified in the HFFACO, the
34 corrective action conditions contemplate use of closure and post-closure processes to satisfy corrective
35 action.

36 **Part V, Unit-Specific Conditions for Units Undergoing Closure**, contains those requirements which
37 apply to those specific TSD units, included in this part, that are undergoing closure. In accordance with
38 Section 5.3 of the Action Plan of the HFFACO, all TSD units that undergo closure, irrespective of permit
39 status, will be closed pursuant to the authorized State Dangerous Waste Program in accordance with
40 [WAC 173-303-610](#). Requirements for each TSD unit undergoing closure are found in a chapter dedicated
41 to that TSD unit. These unit-specific chapters contain references to Standard Conditions (Part I) and
42 General Conditions (Part II), as well as additional requirements which are intended to ensure that each
43 TSD unit is closed in an efficient and environmentally protective manner.

1 **Part VI, Unit-Specific Conditions for Units in Post-Closure**, contains those requirements which apply
2 to those specific units in this part that have completed modified or landfill closure requirements, and now
3 only need to meet Post-Closure Standards. As set forth in Section 5.3 of the Action Plan of the HFFACO,
4 certain TSD units will be permitted for post-closure care pursuant to the authorized State Dangerous
5 Waste Program ([173-303 WAC](#)) and the Hazardous and Solid Waste Amendments. Requirements for
6 each unit undergoing post-closure care are found in a chapter, within this part, dedicated to that unit.
7 These unit specific chapters may contain references to Standard Conditions (Part I) and General
8 Conditions (Part II), as well as the unit specific conditions, all of which are intended to ensure the unit is
9 managed in an efficient, environmentally protective manner.

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