PART III, OPERATING UNIT GROUP 6 PERMIT CONDITIONS

CENTRAL WASTE COMPLEX
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CENTRAL WASTE COMPLEX

UNIT DESCRIPTION

The Central Waste Complex (CWC) Operating Unit Group is located in the 200 West Area of the Hanford Site. The CWC Operating Unit Group provides storage and treatment for dangerous waste and/or mixed waste (MW) generated both on and off the Hanford Facility. Permittees may manage the following wastes which are approved for storage at the CWC Operating Unit Group: dangerous or mixed waste that is generated from processes at the Hanford site, or waste that is specifically identified in Section II, paragraph 8 of the Settlement Agreement re: Washington v. Bodman, Civil No. 2:30-cv-05018-AAM, January 6, 2006. No other wastes may be managed at WRAP unless authorized via a permit modification decision pursuant to Permit Condition I.C.3. Requests for Permit modifications must be accompanied by an analysis adequate for Ecology to comply with SEPA.

The CWC Operating Unit Group consists of the following dangerous waste management units:

1. Flammable and Alkali Metal Waste Storage Modules
2. Waste Storage Buildings
   • 2401-W Building
   • 2402-W Series Buildings
   • 2403-W Series Buildings
3. CWC Outside Storage Area A
4. CWC Outside Storage Area B
5. CWC Outside Storage Area C
6. CWC Outside Storage Area D
7. CWC Outside Storage Area E
8. CWC Outside Storage Area F

LIST OF ADDENDUMS

Addendum A  Part A Form, dated October 1, 2008
Addendum B  Waste Analysis Plan
Addendum C  Process Information
Addendum D  Groundwater - Reserved
Addendum E  Security
Addendum F  Preparedness and Prevention
Addendum G  Personnel Training
Addendum H  Closure
Addendum I  Inspection
Addendum J  Contingency Plan

DEFINITIONS

Reserved

ACRONYMS

Reserved

PERMIT CONDITIONS
III.6.A COMPLIANCE WITH PERMIT CONDITIONS

III.6.A.1 The Permittees will comply with all permit conditions in this operating unit and its addendums with respect to dangerous waste storage and the dangerous waste management units within the CWC Operating Unit Group 6, in addition to requirements in Part I and II.

III.6.B GENERAL WASTE MANAGEMENT STANDARDS

III.6.B.1 The Permittees are authorized to accept dangerous and/or mixed waste that satisfies the waste acceptance criteria in Addendum B, according to the waste acceptance procedures in Addendum B for storage and/or treatment within the CWC dangerous waste management units identified in Addendum B.

III.6.B.2 The Permittees are authorized to store and/or treat waste according to the requirements of Addendum C, dangerous and/or mixed wastes physically located in dangerous waste management units identified in Addendum B as of the effective date of this Permit, and wastes accepted pursuant to condition III.6.B.1.

III.6.B.3 The Permittees will maintain the physical structure of the CWC dangerous waste management units as documented in Addendum B [WAC 173-303-810(6)].

III.6.C WASTE ANALYSIS

III.6.C.1 The Permittees will comply with all requirements, and implement and maintain the practices described, in Addendum B for waste analysis for all dangerous and/or mixed waste managed within the CWC dangerous waste management units. [WAC 173-303-300(5)]

III.6.C.2 To confirm the knowledge of waste to be managed in the CWC Operating Unit Group and its authorized dangerous waste management units. The Permittees will provide Ecology within 14 days of the effective date of this Permit, a permit modification request that identifies and defines the waste acceptance criteria for each of the authorized dangerous waste management units (DWMU) identified in Addendum B [WAC 173-303-300(1)] to include:

   III.6.C.2.a The Permittees will provide within 14 days of the effective date of this permit, test procedures and an evaluation process to demonstrate that wastes received at the authorized dangerous waste management units do not contain free liquids for individual containers prior to acceptance to any of the CWC dangerous waste management units. WAC 173-303-806(4)(b)(ii)(A).

   III.6.C.2.b Within 14 days of the effective date of this permit, the Permittees will develop a schedule to work with Ecology staff to develop a performance criterion for determining the testing frequency of the presence or absence of free liquids WAC 173-303-806(4)(b)(ii)(A).

   III.6.C.2.c Within 14 days of the effective date of this permit, the Permittees will revise Addendum B to describe the processes for the determination of debris per the WAC 173-303-040 definition.

   III.6.C.2.d Within 14 days of the effective date of this permit, the Permittees will revise Addendum B to describe the processes for verification of the MLLW portion of Retrievably Stored Waste (RSW) to be stored in the CWC Operable Unit.

III.6.D RECORDKEEPING AND REPORTING

III.6.D.1 The Permittees will keep records as required by WAC 173-303-380.
III.6.E  SECURITY

III.6.E.1  The Permittees will implement and maintain the practices described in Addendum E, Security, and required by Permit Condition II.L at the CWC Operating Unit Group. [WAC 173-303-310(2)(B)]

III.6.F  PREPAREDNESS AND PREVENTION

III.6.F.1  The Permittees will implement the practices specific to the CWC as described in Addendum F, Preparedness and Prevention. [WAC 173-303-340]

III.6.G  CONTINGENCY PLAN

III.6.G.1  The Permittees will comply with Addendum J in addition to the requirements of Permit Condition II.A when applicable. [WAC 173-303-350]

III.6.H  INSPECTIONS

III.6.H.1  The Permittees will implement the practices described in Addendum I, Inspection Plan, and include the inspection requirements of Addendum I in the inspection schedule of Permit Condition II.X.1 [WAC 173-303-320(2)]

III.6.H.2  The Permittees will inspect daily all containers stored within the CWC Outside Storage Area F as required [WAC 173-303-320] and make an account of spills or discharges to the environment in accordance with WAC 173-303-145.

III.6.I  TRAINING PLAN

III.6.I.1  The Permittees will, in a written training plan, include training requirements as specified in Addendum G, Personnel Training, and in accordance with requirements of WAC 173-303-330(2), incorporated by reference, and Permit Condition II.C. [WAC 173-303-330]

III.6.J  OTHER GENERAL REQUIREMENTS

III.6.J.1  The Permittees will comply with the requirements of WAC 173-303-395(1), incorporated by reference, for prevention of reaction of ignitable, reactive, or incompatible wastes.

III.6.J.2  The Permittees will not store a container holding dangerous and/or mixed waste that is incompatible with any waste or materials stored nearby in containers without segregating these incompatible wastes or materials by protecting the wastes from commingling by means of a dike, berm, wall or other device that will provide at least the same level of physical separation in accordance with WAC 173-303-630(9)(c).

III.6.K  CLOSURE

III.6.K.1  The Permittees will implement the practices as described in Addendum H, Closure Plan, when closing the CWC dangerous waste management units. [WAC 173-303-610(4)].

III.6.L  POST-CLOSURE - RESERVED

III.6.M  RESERVED

III.6.N  RESERVED

III.6.O  CONTAINERS

III.6.O.1  Container Storage Unit Standards

The Permittees are authorized to store waste volumes up to the capacity limits for specific dangerous waste management units listed in Table C.1 and C.2 of Addendum C. [WAC 173-303-630]
III.6.O.2 Condition of Containers
The Permittees will ensure that all containers remain in good condition. If a container holding dangerous and/or mixed waste is not in good condition (e.g., severe rusting or apparent structural defects), or if it begins to leak, the Permittees must transfer the waste from the container to a container that is in good condition or place the leaking container in an appropriate over-pack container or manage the waste in some other way that complies with the requirements of chapter 173-303 WAC. [WAC 173-303-630(2)]

III.6.O.3 Management of Containers
The Permittees shall manage dangerous and/or mixed waste containers in accordance with WAC 173-303-630(5).

III.6.O.4 Secondary Containment Systems
III.6.O.4.a The Permittees will maintain the secondary containment systems in accordance with WAC 173-303-630(7)(a) and Addenda C, of this Permit.
III.6.O.4.b Secondary containment systems for dangerous waste management units will be constructed and maintained to contain 10% of the total volume of waste containers or 100% of the volume of the largest waste container, whichever is greater.
III.6.O.4.c Immediately upon the effective date of this permit, the Permittees will perform the following actions: provide weather protection covering for large wooden boxes (i.e. tarps) stored in the Outside Storage Area A and perform daily inspections of the boxes and surrounding area looking for leaking containers and for deterioration of the containers caused by corrosion, deterioration, other factors. [WAC 173-303-630(6) and (7)(d)]
III.6.O.4.d The Permittees will provide within 30 days of the effective date of this permit, a detailed schedule and timeline to achieve compliance to WAC 173-303-630(7).

III.6.O.5 Container Inspection Requirements
The Permittees will conduct daily inspection of the CWC Outside Storage Area A in accordance with the requirements of WAC 173-303-630(6).
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