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**PART III, OPERATING UNIT GROUP 7 PERMIT CONDITIONS
WASTE RECEIVING AND PROCESSING FACILITY**

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**PART III, OPERATING UNIT GROUP 7 PERMIT CONDITIONS
WASTE RECEIVING AND PROCESSING FACILITY**

UNIT DESCRIPTION

The Waste Receiving and Processing Facility (WRAP) Operating Unit Group is located in the 200 West Area of the Hanford Site. The WRAP 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 store and treat the following wastes which are approved to be managed at the WRAP 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 evaluation adequate for Ecology to comply with SEPA.

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

- 2336W Building Process Area (Storage, and Treatment within gloveboxes)
- 2336W Building NDA/NDE Area (Storage)
- 2336W Building Shipping and Receiving Area (Storage)
- 2336W Building Room 152 (Storage)
- 2404-WA, Waste Storage Building (Storage and Treatment)
- 2404-WB, Waste Storage Building (Storage and Treatment)
- 2404-WC, Waste Storage Building (Storage and Treatment)

LIST OF ADDENDUMS

Addendum A	Part A Form, dated October 1, 2007
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 Plan
Addendum I	Inspection
Addendum J	Contingency Plan

DEFINITIONS

Reserved

ACRONYMS

Reserved

PERMIT CONDITIONS

- 1 **III.7.A COMPLIANCE WITH PERMIT CONDITIONS**
- 2 **III.7.A.1** The Permittees will comply with all permit conditions in this operating unit and its
3 addendums with respect to dangerous waste treatment and storage and the dangerous
4 waste management units within the WRAP Operating Unit Group 7, in addition to
5 requirements in Part I and II.
- 6 **III.7.B GENERAL WASTE MANAGEMENT STANDARDS**
- 7 **III.7.B.1** The Permittees are authorized to accept dangerous and/or mixed waste that satisfies the
8 waste acceptance criteria in Addendum B, according to the waste acceptance procedures
9 in Addendum B for storage and/or treatment within the WRAP dangerous waste
10 management units identified in Addendum B
- 11 **III.7.B.2** The Permittees are authorized to store and/or treat, according to the requirements of
12 Addendum C, dangerous and/or mixed wastes physically located in dangerous waste
13 management units identified in Addendum B as of the effective date of this Permit, and
14 wastes accepted pursuant to condition III.7.B.1
- 15 **III.7.B.3** The Permittees will maintain the physical structure of the WRAP dangerous waste
16 management units as documented in Addendum B [[WAC 173-303-810\(6\)](#)].
- 17 **III.7.C WASTE ANALYSIS**
- 18 **III.7.C.1** The Permittees will comply with all requirements, and implement and maintain the
19 practices described, in Addendum B for waste analysis for all dangerous and/or mixed
20 waste managed within the WRAP dangerous waste management units. [[WAC 173-303-](#)
21 [300\(5\)](#)]
- 22 **III.7.C.2** To confirm the knowledge of waste to be managed in the WRAP Operating Unit Group
23 and its authorized dangerous waste management units, the Permittees will provide within
24 14 days of the effective date of this permit, a modification request that identifies and
25 defines the waste acceptance criteria for each of the authorized dangerous waste
26 management units (DWMU) identified in Addendum B [[WAC 173-303-300\(1\)](#)] to
27 include:
- 28 **III.7.C.2.a** The Permittees will provide within 14 days of the effective date of this permit, test
29 procedures and an evaluation process to demonstrate that wastes received at the
30 authorized dangerous waste management units do not contain free liquids for individual
31 containers prior to acceptance to any of the WRAP dangerous waste management units.
32 [WAC 173-303-806\(4\)\(b\)\(ii\)\(A\)](#).
- 33 **III.7.C.2.b** Within 14 days of the effective date of this permit, the Permittees will develop a schedule
34 to work with Ecology staff to develop a performance criterion for determining the testing
35 frequency of the presence or absence of free liquids [WAC 173-303-806\(4\)\(b\)\(ii\)\(A\)](#).
- 36 **III.7.C.2.c** Within 14 days of the effective date of this permit, the Permittees will revise Addendum
37 B to describe the processes for the determination of debris per the [WAC 173-303-040](#)
38 definition.
- 39 **III.7.C.2.d** Within 14 days of the effective date of this permit, the Permittees will revise Addendum
40 B to describe the processes for verification of the MLLW portion of Retrievably Stored
41 Waste (RSW) to be stored in the WRAP Operable Unit.
- 42 **III.7.D RECORDKEEPING AND REPORTING**
- 43 **III.7.D.1** The Permittees will keep records as required by [WAC 173-303-380](#).
- 44 **III.7.E SECURITY**

- 1 **III.7.E.1** The Permittees will implement and maintain the practices described in Addendum E,
2 Security, and required by Permit Condition II.L at the WRAP Operating Unit Group.
3 [\[WAC 173-303-310\(2\)\(B\)\]](#)
- 4 **III.7.F PREPAREDNESS AND PREVENTION**
- 5 **III.7.F.1** The Permittees will implement and maintain the practices specific to the WRAP as
6 described in Addendum F, Preparedness, and Prevention. [\[WAC 173-303-340\]](#)
- 7 **III.7.G CONTINGENCY PLAN**
- 8 **III.7.G.1** The Permittees will comply with Addendum J in addition to the requirements of Permit
9 Condition II.A when applicable. [\[WAC 173-303-350\]](#)
- 10 **III.7.H INSPECTIONS**
- 11 **III.7.H.1** The Permittees will implement the practices described in Addendum I, Inspection Plan,
12 and include the inspection requirements of Addendum I in the inspection schedule of
13 Permit Condition II.X.1 [\[WAC 173-303-320\(2\)\]](#)
- 14 **III.7.I TRAINING PLAN**
- 15 **III.7.I.1** The Permittees will, in a written training plan, include training requirements as specified
16 in Addendum G, Personnel Training, and in accordance with requirements of [WAC 173-](#)
17 [303-330\(2\)](#), incorporated by reference, and Permit Condition II.C. [\[WAC 173-303-330\]](#)
- 18 **III.7.J OTHER GENERAL REQUIREMENTS**
- 19 **III.7.J.1** The Permittees will comply with the requirements of [WAC 173-303-395\(1\)](#), incorporated
20 by reference, for prevention of reaction of ignitable, reactive, or incompatible wastes.
- 21 **III.7.J.2** The Permittees will not store a container holding dangerous and/or mixed waste that is
22 incompatible with any waste or materials stored nearby in containers without segregating
23 these incompatible wastes or materials by protecting the wastes from commingling by
24 means of a dike, berm, wall or other device that will provide at least the same level of
25 physical separation in accordance with [WAC 173-303-630\(9\)\(c\)](#).
- 26 **III.7.K CLOSURE**
- 27 **III.7.K.1** The Permittees will implement the practices as described in Addendum H, Closure Plan,
28 when closing the WRAP dangerous waste management units. [\[WAC 173-303-610\(4\)\]](#).
- 29 **III.7.L POST-CLOSURE - RESERVED**
- 30 **III.7.M RESERVED**
- 31 **III.7.N RESERVED**
- 32 **III.7.O CONTAINERS**
- 33 **III.7.O.1 Container Storage Unit Standards**
- 34 The Permittees are authorized to store waste volumes up to the capacity limits for specific
35 dangerous waste management units listed in Table C.1 and C.2 of Addendum C. [\[WAC](#)
36 [173-303-630\]](#)
- 37 **III.7.O.2 Condition of Containers**
- 38 **III.7.O.2.a** The Permittees will ensure that all containers remain in good condition. If a container
39 holding dangerous and/or mixed waste is not in good condition (e.g., severe rusting, or
40 apparent structural defects), or if it begins to leak, the Permittees must transfer the waste
41 from the container to a container that is in good condition or place the leaking container

1 in an appropriate over-pack container or manage the waste in some other way that
2 complies with the requirements of chapter [173-303](#) WAC. [[WAC 173-303-630\(2\)](#)]

3 **III.7.O.3 Management of Containers**

4 **III.7.O.3.a** The Permittees shall manage dangerous and/or mixed waste containers in accordance
5 with [WAC 173-303-630\(5\)](#).

6 **III.7.O.4 Secondary Containment Systems**

7 **III.7.O.4.a** The Permittees will maintain the secondary containment systems in accordance with
8 [WAC 173-303-630\(7\)\(a\)](#) and Addenda C, of this Permit.

9 **III.7.O.4.b** Secondary containment systems for dangerous waste management units will be
10 constructed and maintained to contain 10% of the total volume of waste containers or
11 100% of the volume of the largest waste container, whichever is greater.

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