

**2401-W WASTE STORAGE BUILDING
PART V, CLOSURE UNIT GROUP 39
UNIT-SPECIFIC PERMIT CONDITIONS**

CHANGE CONTROL LOG

Change Control Logs ensure that changes to this unit are performed in a methodical, controlled, coordinated, and transparent manner. Each unit addendum will have its own change control log with a modification history table. The “**Modification Number**” represents Ecology’s method for tracking the different versions of the permit. This log will serve as an up to date record of modifications and version history of the unit.

Modification History Table

Modification Date	Modification Number
08/17/2023	8C.2023.3F
12/06/2021	8C.2021.1F

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UNIT-SPECIFIC PERMIT CONDITIONS**

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2 **PART V, CLOSURE UNIT 39, UNIT-SPECIFIC PERMIT CONDITIONS**
3 **2401-W WASTE STORAGE BUILDING**
4

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6 **UNIT DESCRIPTION**

7 The 2401-W Waste Storage Building is located on the south end of the Central Waste Complex (CWC). It
8 is a pre-engineered steel structure approximately 50 ft wide by 80 ft long by 20 ft high (to the eave). The
9 foundation is integrated into a perimeter concrete curb 6 inches above grade. The floors are coated with
10 an epoxy resin floor surfacing system that is compatible with waste that was stored there. Over its
11 lifetime, the 2401-W Building stored 318 containers of dangerous and mixed waste with a total volume of
12 203 m³. It does not currently store dangerous or mixed waste and future dangerous or mixed waste
13 container storage and treatment is not authorized within the 2401-W Waste Storage Building Dangerous
14 Waste Management Unit. The 2401-W Waste Storage Building is currently used for equipment and
15 material storage, as well as recyclable and universal waste storage to support CWC-waste receiving and
16 processing activities.

17 This Closure Plan addresses closure requirements, and includes inspection and training requirements as
18 related to closure activities.

19 **LIST OF ADDENDA SPECIFIC TO CLOSURE UNIT 39**

20 Addendum H Closure Plan

21 **DEFINITIONS**

22 Reserved

23 **ACRONYMS**

24 Reserved

25 **V.39.A COMPLIANCE WITH PERMIT CONDITIONS**

26 The Permittees shall comply with all requirements set forth in the Hanford Facility
27 Resource Conservation and Recovery Act Permit (Permit) as specified in
28 Permit Attachment 9, *Permit Applicability Matrix*, including all approved modifications.
29 All addenda, subsections, figures, tables, and appendices included in the following
30 Unit-Specific Permit Conditions are enforceable in their entirety.

31 In the event that the Part V, Unit Conditions for Closure Unit 39, 2401-W Waste Storage
32 Building conflict with the Part I-Standard Conditions and/or Part II-General Facility
33 Conditions of the Permit, the unit conditions will prevail for Closure Unit 39,
34 2401-W Waste Storage Building.

35 **V.39.B CLOSURE**

36 **V.39.B.1** The Permittees will comply with all requirements set forth in the Addendum H,
37 “Closure Plan,” for the 2401-W Waste Storage Building, and close the 2401-W Waste
38 Storage Building in accordance with the Addendum H, “Closure Plan.”
39 [Washington Administrative Code (WAC) 173-303-610(3)(a)].

40 **V.39.B.2** The Permittees will notify the Department of Ecology (Ecology) within four (4) business
41 days of the discovery of an unexpected event occurring during closure that results in any
42 deviation from the approved Addendum H, “Closure Plan” in addition to documenting
43 such deviations in the operating record in accordance with Permit Condition II.K.6.
44 Within four (4) business days after receiving such notifications, Ecology will notify the

1 Permitees in writing of Ecology’s preliminary determination as to whether the deviation
2 is likely to affect the ability to meet final acceptance of closure. The Permitees may
3 proceed with implementing the closure plan pending Ecology’s preliminary
4 determination.

5 **V.39.B.3** The Permitees will notify Ecology at least five (5) working days prior to conducting the
6 visual inspection required by Section H.3.4 of the Addendum H, “Closure Plan,” that will
7 take place following removal of stored equipment, in order for Ecology to conduct a final
8 inspection.

9 **V.39.B.4** Review of Sampling Data to Determine Clean Closure.

10 **V.39.B.4.a** For Non-Statistical Grid Sampling and/or Focused Sampling: The Permitees will
11 conduct a review of the non-statistical grid and/or focused sampling data for purposes of
12 verifying the closure performance standards specified in Table H-5 of the Addendum H,
13 “Closure Plan,” have been met. If, after remediation and confirmatory sampling, the
14 closure performance standards have not been met, the Permitees will submit a permit
15 modification request in accordance with Permit Condition I.C.3 to amend the Closure
16 Plan to reflect the additional work and/or sampling that would need to be done to achieve
17 clean closure. The permit modification request must be submitted within sixty (60) days
18 of completion of the review of sampling data results.

19 **V.39.B.5** Within sixty (60) days of completion of closure for the 2401-W Waste Storage Building,
20 the Permitees must submit to Ecology by registered mail or other means that establish
21 proof of receipt (including applicable electronic means), a certification that the
22 2401-W Waste Storage Building has been closed in accordance with the specifications of
23 the Addendum H, “Closure Plan” [WAC 173-303-610(6)]. The certification must be
24 signed by the Permitees and by an Independent Qualified Registered Professional
25 Engineer (IQRPE). Documentation (reports, etc.) supporting the IQRPE’s certification
26 will be submitted to Ecology at the same time as the written certification described
27 above.