

**271-T CAGE
PART V, CLOSURE UNIT GROUP 29
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
12/06/2021	8C.2021.1F

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**271-T CAGE
PART V, CLOSURE UNIT GROUP 29
UNIT-SPECIFIC PERMIT CONDITIONS**

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2 **PART V, CLOSURE UNIT 29, UNIT-SPECIFIC PERMIT CONDITIONS**
3 **271-T CAGE**
4

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6 **UNIT DESCRIPTION**

7 The 271-T Cage Dangerous Waste Management Unit (DWMU) is adjacent to the north side of the
8 271-T Building. The 271-T Cage is an uncoated concrete slab with curbs on three sides and is
9 approximately 20 ft long by 10 ft wide. The 271-T Cage is defined on the south side by the
10 271-T Building and the remaining three sides by metal chain-link fencing covered with a corrugated
11 metal roof. The 271-T Cage managed dangerous and mixed waste as a central accumulation area or
12 satellite accumulation area. Future storage of dangerous or mixed waste is not authorized within the
13 271-T Cage DWMU.

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

16 **LIST OF ADDENDA SPECIFIC TO CLOSURE UNIT 29**

17 Addendum H Closure Plan

18 **DEFINITIONS**

19 Reserved

20 **ACRONYMS**

21 Reserved

22 **V.29.A COMPLIANCE WITH PERMIT CONDITIONS**

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

28 In the event that the Part V, Unit Conditions for Closure Unit 29, 271-T Cage conflict
29 with the Part I-Standard Conditions and/or Part II-General Facility Conditions of the
30 Permit, the unit conditions will prevail for Closure Unit 29, 271-T Cage.

31 **V.29.B CLOSURE**

32 **V.29.B.1** The Permittees will comply with all requirements set forth in the Addendum H,
33 "Closure Plan," for the 271-T Cage, and close the 271-T Cage in accordance with the
34 Addendum H, "Closure Plan." [Washington Administrative Code (WAC) 173-303-
35 610(3)(a)].

36 **V.29.B.2** ~~The Permittees will notify Department of Ecology (Ecology) within 24 hours of any~~
37 ~~deviations from the approved Addendum H, "Closure Plan." Ecology and the Permittees~~
38 ~~will review the deviation to determine if it will affect the ability to meet final acceptance~~
39 ~~of closure. The Permittees will notify the Department of Ecology (Ecology) within~~
40 ~~four (4) business days of the discovery of an unexpected event occurring during closure~~
41 ~~that results in any deviation from the approved Addendum H, "Closure Plan" in addition~~
42 ~~to documenting such deviations in the operating record in accordance with~~
43 ~~Permit Condition II.K.6. Within four (4) business days after receiving such notifications,~~
44 ~~Ecology will notify the Permittees in writing of Ecology's preliminary determination as~~

1 to whether the deviation is likely to affect the ability to meet final acceptance of closure.
2 The Permittees may proceed with implementing the closure plan pending Ecology's
3 preliminary determination.

4 **V.29.B.3** The Permittees will notify Ecology at least five (5) working days prior to conducting
5 decontamination in the Addendum H, "Closure Plan," in order for Ecology to conduct a
6 final visual inspection following the Permittees' removal of stored equipment as required
7 by Section H.3.4 of the Addendum H, "Closure Plan."

8 **V.29.B.4** Review of Sampling Data to Determine Clean Closure.

9 **V.29.B.4.a** For Non-Statistical Grid Sampling and/or Focused Sampling: The Permittees will
10 conduct a review of the non-statistical grid and/or focused sampling data for purposes of
11 verifying the closure performance standards specified in Table H-4 of the Addendum H,
12 "Closure Plan," have been met. If, after remediation and confirmatory sampling, the
13 closure performance standards have not been met, the Permittees will submit a permit
14 modification request in accordance with Permit Condition I.C.3 to amend the Closure
15 Plan to reflect the additional work and/or sampling that would need to be done to achieve
16 clean closure. The permit modification request must be submitted within sixty (60) days
17 of completion of the review of sampling data results.

18 **V.29.B.5** Within sixty (60) days of completion of closure for the 271-T Cage, the Permittees must
19 submit to Ecology by registered mail or other means that establish proof of receipt
20 (including applicable electronic means), a certification that the 271-T Cage has been
21 closed in accordance with the specifications of the Addendum H, "Closure Plan"
22 [WAC 173-303-610(6)]. The certification must be signed by the Permittees and by an
23 Independent Qualified Registered Professional Engineer (IQRPE). Documentation
24 (reports, etc.) supporting the IQRPE's certification will be submitted to Ecology at the
25 same time as the written certification described above.