

**221-T SAND FILTER PAD
PART V, CLOSURE UNIT GROUP 37
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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PART V, CLOSURE UNIT GROUP 37
UNIT-SPECIFIC PERMIT CONDITIONS**

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2 **PART V, CLOSURE UNIT 37, UNIT-SPECIFIC PERMIT CONDITIONS**
3 **221-T SAND FILTER PAD**
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6 **UNIT DESCRIPTION**

7 The 221-T Sand Filter Pad Dangerous Waste Management Unit (DWMU) is located to the east of the
8 north end of the T Plant Canyon Building. The 221-T Sand Filter Pad is an uncovered gravel area and is
9 approximately 180 ft long by 60 ft wide. The 221-T Sand Filter Pad was used to store mixed waste in a
10 central accumulation area or satellite accumulation area to support T Plant activities. All waste inventory
11 has been removed from the 221-T Sand Filter Pad. Future storage of dangerous or mixed waste is not
12 authorized within the 221-T Sand Filter Pad DWMU.

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

15 **LIST OF ADDENDA SPECIFIC TO CLOSURE UNIT 37**

16 Addendum H Closure Plan

17 **DEFINITIONS**

18 Reserved

19 **ACRONYMS**

20 Reserved

21 **V.37.A COMPLIANCE WITH UNIT-SPECIFIC PERMIT CONDITIONS**

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

27 In the event that the Part V, Unit Conditions for Closure Unit 37, 221-T Sand Filter Pad
28 conflict with the Part I-Standard Conditions and/or Part II-General Facility Conditions of
29 the Permit, the unit conditions will prevail for Closure Unit 37, 221-T Sand Filter Pad.

30 **V.37.B CLOSURE**

31 **V.37.B.1** The Permittees will comply with all requirements set forth in the Addendum H,
32 “Closure Plan,” for the 221-T Sand Filter Pad, and close the 221-T Sand Filter Pad in
33 accordance with the Addendum H, “Closure Plan.” [Washington Administrative Code
34 (WAC) 173-303-610(3)(a)].

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

1 The Permittees may proceed with implementing the closure plan pending Ecology's
2 preliminary determination.

3 **V.37.B.3** Review of Sampling Data to Determine Clean Closure.

4 **V.37.B.3.a** For Statistical Grid Sampling: Upon receipt of the final laboratory analytical report, the
5 Permittees will use the data analysis function in the Visual Sample Plan to generate the
6 Data Analysis Report for the results of the statistical grid sampling. The Data Analysis
7 Report will demonstrate whether the sampling assumptions in the Addendum H,
8 "Closure Plan," Visual Sampling Plan Supporting Documentation and the closure
9 performance standards specified in Table H-4 of the Addendum H, "Closure Plan," have
10 been met. The Permittees will provide the Data Analysis Report to Ecology within
11 thirty (30) days from receipt of the final laboratory analytical report. If, after remediation
12 and confirmatory sampling, sampling assumptions and/or closure performance standards
13 have not been met, the Permittees will submit a permit modification request in
14 accordance with Permit Condition I.C.3 to amend the Closure Plan to reflect the
15 additional work that would need to be done to achieve clean closure. The permit
16 modification request must be submitted within sixty (60) days of the submittal of the
17 Visual Sample Plan Data Analysis Report to Ecology.

18 **V.37.B.4** Within sixty (60) days of completion of closure for the 221-T Sand Filter Pad, the
19 Permittees must submit to Ecology by registered mail or other means that establish proof
20 of receipt (including applicable electronic means), a certification that the 221-T Sand
21 Filter Pad has been closed in accordance with the specifications of the Addendum H,
22 "Closure Plan" [WAC 173-303-610(6)]. The certification must be signed by the
23 Permittees and by an Independent Qualified Registered Professional Engineer (IQRPE).
24 Documentation (reports, etc.) supporting the IQRPE's certification will be submitted to
25 Ecology at the same time as the written certification described above.