

**PUREX TANKS TK-P4 AND TK-40  
PART V, CLOSURE UNIT GROUP 33  
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

| <b>Modification Date</b> | <b>Modification Number</b> |
|--------------------------|----------------------------|
| 08/25/2021               | 8C.2021.9F                 |

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PART V, CLOSURE UNIT GROUP 33  
UNIT-SPECIFIC PERMIT CONDITIONS**

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2 **PART V, CLOSURE UNIT GROUP 33, UNIT-SPECIFIC PERMIT CONDITIONS**  
3 **PUREX TANKS TK-P4 AND TK-40**  
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6 **UNIT DESCRIPTION**

7 PUREX Tanks TK-P4 and TK-40 are located at the PUREX Plant, located in the 200 East Area of the  
8 U.S Department of Energy (DOE) Hanford Site. The PUREX Plant also includes the 203A Acid Storage  
9 Area and the 211A Chemical Storage Area, which are located north of the PUREX Canyon Building.  
10 Tank TK-P4 is located in the southeast corner of the 203A Acid Storage Area, and Tank TK-40 is located  
11 in the northeast corner of the 211A Chemical Storage Area. Both tanks stored process chemicals during  
12 PUREX facility operations and have been drained, flushed, and deactivated to meet Resource  
13 Conservation and Recovery Act (RCRA) clean closure requirements.

14 PUREX Tanks TK-P4 and TK-40 are proposed to be clean closed as detailed in Addendum H, "Closure  
15 Plan." The soil will be sampled and must meet clean closure levels.

16 **LIST OF ADDENDA SPECIFIC TO CLOSURE UNIT GROUP 33**

17 Addenda H Closure Plan

18 **DEFINITIONS**

19 Reserved

20 **ACRONYMS**

21 Reserved

22 **V.33.A COMPLIANCE WITH PERMIT CONDITIONS**

23 The Permittees shall comply with all requirements set forth in the Hanford Facility  
24 RCRA Permit (Permit) as specified in Permit Attachment 9, *Permit Applicability Matrix*,  
25 including all approved modifications. All addenda, subsections, figures, tables, and  
26 appendices included in the following Unit Group Permit Conditions are enforceable in  
27 their entirety. In the event that the Part V, Unit Group Conditions for Closure Unit 33,  
28 PUREX Tanks TK-P4 and TK-40 conflict with the Part I Standard Conditions and/or  
29 Part II General Facility Conditions of the Permit, the Unit Group Conditions will prevail  
30 for Closure Unit 33, PUREX Tanks TK-P4 and TK-40.

31 **V.33.B CLOSURE**

32 **V.33.B.1** The Permittees will comply with all requirements set forth in the Addendum H, "Closure  
33 Plan" for PUREX Tanks TK-P4 and TK-40, and close Tanks TK-P4 and TK-40 in  
34 accordance with the Addendum H, "Closure Plan." [Washington Administrative Code  
35 (WAC) 173-303-610(3)(a)]

36 **V.33.B.2** For Focused Sampling: the Permittees will conduct a review of the focused sampling data  
37 for purposes of verifying that the closure performance standards specified in the  
38 Sampling and Analysis Plan in Addendum H, "Closure Plan," have not been exceeded. If  
39 the closure performance standards have been exceeded, the Permittees will submit a  
40 permit modification request in accordance with Permit Condition I.C.3 to amend the  
41 Closure Plan to reflect the additional work and/or sampling that would need to be done to  
42 achieve clean closure. The permit modification request must be submitted within 60 days  
43 of completion of the review of sampling data results.

1 **V.33.B.3** The Permittees will provide the Department of Ecology (Ecology) notification when they  
2 plan to conduct the visual inspection of the secondary containment structures once the  
3 tanks have been removed. Ecology will be present during the visual inspection of the  
4 secondary containment at which time additional focused sampling locations may be  
5 identified.