

U.S. Department of Energy

Hanford Field Office P.O. Box 550 Richland, Washington 99352

April 14, 2025

25-ECD-0055

Ms. Stephanie Schleif Program Manager Nuclear Waste Program Washington State Department of Ecology 3100 Port of Benton Boulevard Richland, Washington 99354

Dear Ms. Schleif:

SUBMITTAL OF HANFORD FACILITY RESOURCE CONSERVATION AND RECOVERY ACT RESEARCH, DEVELOPMENT, AND DEMONSTRATION PERMIT MODIFICATION NOTIFICATION FORM PCN-TBI-2025-01

This letter transmits Hanford Facility Resource Conservation and Recovery Act, Permit Change Notice (PCN) form PCN-TBI-2025-01, to the Washington State Department of Ecology (Ecology). The PCN form documents a Class 1-prime modification to the Research, Development, and Demonstration Permit for the 2,000-Gallon Test Bed Initiative Demonstration. The modification addresses requirements for Independent Qualified Registered Professional Engineer approvals prior to closure activities. The modification was approved by Ecology on January 27, 2025.

Individuals may request hard copies if the electronic files cannot be accessed. Requests can be made to Ecology by contacting Ecology's Resource Center at (509) 372-7950.

If you have any questions, please contact me, or you may contact Corey A. Low, Assistant Manager for Safety and Environment, at (509) 376-4820.

Sincerely,

Brian T. Vance

Digitally signed by Brian T. Vance Date: 2025.04.14 13:18:53 -07'00'

Brian Vance Manager

ECD:ACM

Attachment and cc: See page 2

Attachment:

RD&D Permit Modification Forms

cc w/ attach:

T.G. Beam, H2C

A. S. Carlson, Ecology

E. J. Holbrook, Ecology

K. K. Holliday, H2C

M. M. Oates, H2C

M. T. Schanke, H2C

R. W. Szelmeczka, H2C

M. Woods, ODOE

Administrative Record (TSD: H-0-8)

Environmental Portal

HF Operating Record (J. K. Perry, HMIS)

cc w/o attach

J. L. Cantu, Ecology

S. J. Sexton, Ecology

BNI Correspondence

Ecology NWP Library

HMIS Correspondence HMISCorr@rl.gov

H2C Correspondence H2CC@rl.gov

Attachment 25-ECD-0055

Hanford Facility Dangerous Waste RD&D Permit Modification Notification Forms
Dangerous Waste RD&D Permit Change
2,000-Gallon Test Bed Initiative Demonstration

(5 pages including cover sheet)

Hanford Facility Dangerous Waste RD&D Permit Modification Notification Forms **Dangerous Waste RD&D Permit Change**

2,000-Gallon Test-Bed Initiative (TBI) Demonstration

Index

Page 1 of 1: Permit Conditions

Submitted by WRPS Co-Operator:

Reviewed by DOE-ECD:

Hamilton, Helen M

Digitally signed by Hamilton, Helen

Date: 2025.01.15 16:47:31 -08'00'

DUANE CARTER CARTER

Date: 2025.01.16 14:32:17 -08'00'

For

Peggy Hamilton Date Mike Demiter

Date

Hanford Facility Dangerous Waste RD&D Permit Modification Form					
Unit:		Permit Part			
2,000-Gallon Test-Bed Initiative (TBI) Demonstration	Dang	angerous Waste RD&D Permit			
Description of Modification:					
Permit Conditions:					
Page Conditions.17: Closure.					
Page Conditions.17: Closure. The modification splits Condition II.H.1 into an additional condition (i.e., II.H.1.a) better representing the sequence of work and approvals required to proceed from one task to the next. The modification is justified to document the sequence of required approvals of the Independent Qualified Registered Professional Engineer (IQRPE) reports prior to closure activities. For example, Ecology letter 24-NWP-223 approved the IQRPE design assessment report allowing for extraction of the In-Tank Pre-Treatment System but prior to completion of the installation assessment report. The modification of the permit conditions would better represent the approved workflow.					
WAC 173-303-830 Modification Class Please mark the Modification Class:	Class 1	Class ¹ 1	Class 2	Class 3	
Enter relevant WAC 173-303-830, Appendix I Modification	citation number: \)(d)(i) Other m	odifications	
WAC 173-303-830(d)(i) Other modifications. In the case of modifications not explicitly listed in Appendix I of this section, the permittee may submit a Class 3 modification request to the department, or he or she may request a determination by the director that the modification should be reviewed and approved as a Class 1 or Class 2 modification. If the permittee requests that the modification be classified as a Class 1 or 2 modification, he or she must provide the department with the necessary information to support the requested classification.					
Modification Approved: Yes No		Approved by Ecology:			
Reason for Denial:		Digitally signed by Holbrook, Edward (ECY) Date: 2025.01.27 13:42:25 -08'00'			
		E. J. Holb	rook	Date	

Revision Instructions:

Revise the Permit Conditions to incorporate the changes shown herein:

• Permit Conditions II.H.1 and II.H.1.a

