



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

3100 Port of Benton Blvd • Richland, WA 99354 • (509) 372-7950

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August 29, 2019

19-NWP-141

Brian T. Vance, Manager
Office of River Protection
United States Department of Energy
PO Box 450, MSIN: H6-60
Richland, Washington 99352

Valerie McCain, Project Director
Bechtel National, Inc.
2435 Stevens Center Place, MSIN: H4-02
Richland, Washington 99354

Re: Approval of 24590-BOF-PCN-ENV-19-002, Class ¹ Modification to the *Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion, Revision 8C, for the Treatment, Storage, and Disposal of Dangerous Waste, Part III, Operating Unit Group 10, Waste Treatment and Immobilization Plant (WTP Permit), WA7890008967*

Reference: See page 2

Dear Brian T. Vance and Valerie McCain:

The Department of Ecology approves the referenced Class ¹ Modification. The approved Hanford Facility RCRA Permit Modification Notification Form is enclosed.

This modification updates and replaces two General Arrangement Drawings for the Effluent Management Facility at elevation 0'-0".

- 24590-BOF-P1-25-00001, Rev. 2
- 24590-BOF-P1-26-00001, Rev. 2

In addition, this modification also removes General Arrangement Sections A & B for the Effluent Management Facility, as these drawings are no longer submitted for inclusion in the Permit.

- 24590-BOF-P1-26-00002, Rev. 0

The enclosure lists and updates the corresponding permit General Arrangement Drawings in Appendix 13.4 of the WTP Permit.

If there are any questions, please contact Yoana Lucatero, WTP Permit Writer, at (509) 372-7917 or yoana.lucatero@ecy.wa.gov.

Sincerely,

Suzanne Dahl
Dangerous Waste Permit Manager
Nuclear Waste Program

yl/aa
Enclosure

cc: See page 2

RECEIVED
SEP 04 2019
EDMC



Reference: Letter 19-ECD-0058, dated July 18, 2019, "Submittal of Hanford Facility Resource Conservation and Recovery Act Permit Modification Notification Form 24590-BOF-PCN-ENV-19-002, Effluent Management Facility General Arrangement Plans"

cc electronic w/enc:

Dave Bartus, EPA
Dave Einan, EPA
Mary Beth Burandt, USDOE-ORP
Tom Fletcher, USDOE-ORP
Roger Gordon, USDOE-ORP
Lori Huffman, USDOE-ORP
Gae Neath, USDOE-ORP
Delmar Noyes, USDOE-ORP
Bryan Trimberger, USDOE-ORP
Tony McKarns, USDOE-RL
Paul Pak, USDOE-RL
Dianne Casey, BNI
Bob Haggard, BNI
Felice Presti, BNI
Dan Robertson, BNI
Donna Yasek, BNI
Jon Perry, MSA
ERWM Staff, YN
Ken Niles, ODOE

Gail Laws, WDOH
Debra Alexander, Ecology
Jennifer Cantu, Ecology
Annette Carlson, Ecology
Nitya Chandran, Ecology
Suzanne Dahl, Ecology
Jay Decker, Ecology
Tracy Gao, Ecology
Mandy Jones, Ecology
Yoana Lucatero, Ecology
Dan McDonald, Ecology
Oliver Wang, Ecology
Nancy Ware, Ecology
BNI Correspondence Control
Environmental Portal
Hanford Facility Operating Record
MSA Correspondence Control
USDOE-ORP Correspondence Control
USDOE-RL Correspondence Control

cc w/enc:

Susan Leckband, HAB
Hanford Administrative Record
NWP Central File

cc w/o enc:

Matt Johnson, CTUIR
Jack Bell, NPT
Laurene Contreras, YN
Alyssa Buck, Wanapum

Quarter Ending Sept 30, 2019

24590-BOF-PCN-ENV-19-002

**Hanford Facility RCRA Permit Modification Notification Form
Part III, Operating Unit 10,
Waste Treatment and Immobilization Plant**

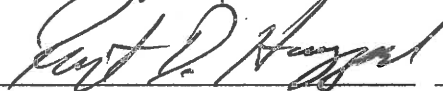
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Page 2 of 3: Hanford Facility RCRA Permit, Part III, Operating Unit 10, Waste Treatment and Immobilization Plant

Replace the Balance of Facilities LAW Effluent Process Bldg. & LAW Effluent Drain Tank Bldg. General Arrangement Plan at Elev. 0'-0" and the Balance of Facilities LAW Effluent Utility Bldg. & LAW Effluent Electrical Bldg. General Arrangement Plan at Elev. 0'-0" in Appendix 13.4 of the Dangerous Waste Permit. This modification also requests the removal of Balance of Facilities LAW Effluent Utility Bldg. & LAW Effluent Electrical Bldg. General Arrangement Sections A & B from Appendix 13.4. General arrangement section drawings are no longer submitted for inclusion into the DWP.

Submitted by Co-Operator:

Reviewed by ORP Program Office:



Robert D. Haggard

6/19/19

Date



Thomas W. Fletcher

7/8/19

Date

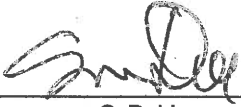
Quarter Ending Sept 30, 2019

24590-BOF-PCN-ENV-19-002

Hanford Facility RCRA Permit Modification Notification Form			
Unit: Waste Treatment and Immobilization Plant		Permit Part: Part III, Operating Unit 10	
Description of Modification:			
This Class 11 modification requests Ecology approval and incorporation into the permit the below referenced.			
Appendix 13.4			
Replace:	24590-BOF-P1-25-00001, Rev 1, Balance of Facilities LAW Effluent Process Bldg. & LAW Effluent Drain Tank Bldg. General Arrangement Plan at Elev. 0'-0"	With:	24590-BOF-P1-25-00001, Rev 2, Balance of Facilities LAW Effluent Process Bldg. & LAW Effluent Drain Tank Bldg. General Arrangement Plan at Elev. 0'-0"
Replace:	24590-BOF-P1-26-00001, Rev 1, Balance of Facilities LAW Effluent Utility Bldg. & LAW Effluent Electrical Bldg. General Arrangement Plan at Elev. 0'-0"	With:	24590-BOF-P1-26-00001, Rev 2, Balance of Facilities LAW Effluent Utility Bldg. & LAW Effluent Electrical Bldg. General Arrangement Plan at Elev. 0'-0"
Remove	24590-BOF-P1-26-00002, Rev 0, Balance of Facilities LAW Effluent Utility Bldg. & LAW Effluent Electrical Bldg. General Arrangement Sections A & B		
<p>This modification requests Ecology approval and incorporation into the permit for the specific changes to the general arrangement drawings. These documents include changes provided in applicable document change forms (e.g., DCN, SCN, SDDR, FCN, FCR, etc.). In addition, the general arrangement drawings include changes associated with the resolution to comments on change documents since the issuance of the last revision of the permitted documents. In accordance with Permit Condition III.10.C.2.e, this permit modification includes updates for inclusion in Appendix 13.4.</p> <p>Significant changes to the General Arrangement Plan (24590-BOF-P1-25-00001, Rev. 2) for the Balance of Facilities LAW Effluent Process Bldg. & LAW Effluent Drain Tank Bldg. are summarized below:</p> <ul style="list-style-type: none"> • Incorporated drawing change notice 24590-BOF-P1N-25-00002, to update equipment, architectural, and structural changes in rooms E-0101A, E-0102, E-0102A, E-0103, and E-0107 • Incorporated 24590-BOF-P1N-25-00003 to update Bldg. 25 to add C1V-FCU, DEP-PMP-00042A/00042B, and AHU layout and remove Hold 3 on the drawing • Incorporated 24590-WTP-FC-C-18-0291 to update Note 2 for DWP Floor and Liner Slope Information • Update section cuts to show Agitator and Pump Stand with reference elevation <p>Significant changes to the General Arrangement Plan (24590-BOF-P1-26-00001, Rev. 2) for the Balance of Facilities LAW Effluent Utility Bldg. & LAW Effluent Electrical Bldg. are summarized below:</p> <ul style="list-style-type: none"> • Incorporated 24590-BOF-P1N-26-00007, deleted Fire Riser Room from Bldg. 27 • Incorporated 24590-BOF-P1N-26-00008 to update SDJ equipment location and stack background • Updated Plan View of Building 27 • Updated LAW Effluent Process Building Boundary for Alignment with other buildings <p>This modification also requests the removal of 24590-BOF-P1-26-00002, Rev 0, Balance of Facilities LAW Effluent Utility Bldg. & LAW Effluent Electrical Bldg. General Arrangement Sections A & B from Appendix 13.4 as general arrangement section drawings are no longer submitted for inclusion in the DWP, and this drawing was never submitted with previous modifications for incorporation into the permit.</p> <p>This PCN updates information in Appendix 13.4 to reflect current design. If the re-evaluation results in future design changes, the changes will be reviewed by Ecology in subsequent permit modifications.</p>			

Quarter Ending Sept 30, 2019

24590-BOF-PCN-ENV-19-002

WAC 173-303-830 Modification Class:	Class 1	Class 1 ¹	Class 2	Class 3
Please mark the Modification Class:		X		
Enter relevant WAC 173-303-830, Appendix I Modification citation number: Enter wording of WAC 173-303-830, Appendix I Modification citation: In accordance with WAC 173-303-830(4)(d)(i), this modification notification is requested to be reviewed and approved as a Class '1 modification. WAC 173-303-830(4)(d)(ii)(A) states. "Class 1 modifications apply to minor changes that keep the permit current with routine changes to the facility or its operation. These changes do not substantially alter the permit conditions or reduce the capacity of the facility to protect human health or the environment. In the case of Class 1 modifications, the director may require prior approval."				
Modification Approved/Concur: Reason for denial:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Denied (state reason below)		Reviewed by Ecology:  S. Dahl	
			8/29/19 Date	