



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

3100 Port of Benton Blvd • Richland, WA 99354 • (509) 372-7950  
711 for Washington Relay Service • Persons with a speech disability can call (877) 833-6341

**COVERSHEET**

For Letter 21-NWP-014  
Dated February 5, 2021

Re: Transmittal of the Department of Ecology's Legal Copy of the *Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion, Revision 8C, for the Treatment, Storage, and Disposal of Dangerous Waste* (Site-wide Permit), WA7890008967, Quarter Ending December 31, 2020 (8C.2020.Q4)

Due to the Governor's "Safe Start" Order, Ecology cannot distribute hard copy letters or enclosures, including DVDs, at this time. All letters are being sent electronically with embedded links to the enclosures.

The enclosures are on Ecology's website at  
<https://fortress.wa.gov/ecy/nwp/permitting/hdwp/rev/8c/index.html>.

After the Safe Start Order is lifted, Ecology will send all hard copy letters and associated hard copy enclosures or DVDs as appropriate.



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February 05, 2021

21-NWP-014

Brian T. Vance, Manager  
Office of River Protection  
United States Department of Energy  
2440 Stevens Center Place  
Richland, Washington 99354

Brian T. Vance, Manager  
Richland Operations Office  
United States Department of Energy  
PO Box 550, MSIN: H5-30  
Richland, Washington 99352

Valerie McCain, Project Director  
Bechtel National, Inc.  
2435 Stevens Center Place, MSIN: MS19-A  
Richland, Washington 99354

Ty Blackford, President and CEO  
CH2M HILL Plateau Remediation Company  
PO Box 1600, MSIN: A7-01  
Richland, Washington 99352

Robert E. Wilkinson, President  
Mission Support Alliance, LLC  
PO Box 650, MSIN: H1-30  
Richland, Washington 99352

Michael H. Schlender,  
Deputy Director for Operations  
Pacific Northwest National Laboratory  
PO Box 999, MSIN: K1-46  
Richland, Washington 99352

John R. Eschenberg, President  
Washington River Protection Solutions  
PO Box 850, MSIN: H3-04  
Richland, Washington 99352

Re: Transmittal of the Department of Ecology's Legal Copy of the *Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion, Revision 8C, for the Treatment, Storage, and Disposal of Dangerous Waste* (Site-wide Permit), WA7890008967, Quarter Ending December 31, 2020 (8C.2020.Q4)

Reference: Letter 21-ESQ-0136, dated January 08, 2021, "Class 1 Modifications to the Hanford Facility Resource Conservation and Recovery Act Permit, Quarter Ending December 31, 2020"

Dear Addressees:

The Department of Ecology (Ecology) reviewed the United States Department of Energy's (USDOE) letter and enclosures (Reference). Ecology confirms that we approved the Class 1 Modifications and concurred with the Class 1 Modifications listed in the referenced letter in the quarter ending December 31, 2020. Ecology incorporated the modifications into the Site-wide Permit.

The enclosed DVD contains a legal copy of the Site-wide Permit. All permitting and compliance work must be completed under the legal version of the Site-wide Permit.

Legal hard copies of the Site-wide Permit are on file at the locations listed below:

Department of Ecology  
Nuclear Waste Program  
3100 Port of Benton Boulevard  
Richland, Washington 99354

United States Department of Energy  
Hanford Administrative Record  
2440 Stevens Center Place  
Richland, Washington 99354

A copy of the Site-wide Permit is available on the web at:

<https://fortress.wa.gov/ecy/nwp/permitting/hdwp/rev/8c/index.html>. Individuals can request copies of the Site-wide Permit on DVD or hard copy by contacting Ecology's Resource Center at (509) 372-7950.

Portions of the Site-wide Permit contain Confidential Business Information or Official Use Only documents. This information is not available for public review.

Ecology approved the following Class <sup>1</sup> Modifications and concurred with the Class 1 Modifications in the quarter ending December 31, 2020:

#### Permit Attachments:

#### **Permit Attachment 4A (Building Emergency Directors/Building Wardens)**

##### PCN-4A-2020-02

- Permit Attachment 4A (Building Emergency Directors/Building Wardens) – Class 1 Modification, concurred with on December 01, 2020.

##### NEC-4A-2020-01

Ecology received USDOE's Letter 20-ESQ-0098 dated October 09, 2020, submitting non-enforceable changes to Permit Attachment 4A (Building Emergency Directors/Building Wardens). Ecology agrees that these specific changes to Permit Attachment 4A are non-enforceable changes to the Site-wide Permit. Ecology incorporated the non-enforceable changes in Permit Attachment 4A on October 21, 2020 and updated the Site-wide Permit within this quarter.

#### Part III Unit-Specific Conditions for Final Status Operations:

#### **Liquid Effluent Retention Facility (LERF) & 200 Area Effluent Treatment Facility (200 Area ETF), Operating Unit Group 3**

##### PCN-LERF/ETF-2020-04

- Unit-Specific Permit Conditions – Class <sup>1</sup> Modification, approved on November 09, 2020.
- Addendum A (Part A Form) – Class <sup>1</sup> Modification, approved on November 09, 2020.

The *Independent Qualified Registered Professional Engineer Design Assessment Report for ETF Load-In Filter Drain System*, RPP-IQRPE-50050 Revision 1 report included in the enclosures of the referenced letter is not the same report that Ecology received with the PCN-LERF/ETF-2020-04 formal submittal. Ecology received the *Independent Qualified Registered Professional Engineer Installation Assessment Report for ETF Load-In Filter Drain System*, RPP-IQRPE-50051 Revision 0 report with the PCN-LERF/ETF-2020-04 formal submittal.

PCN-LERF/ETF-2020-03

- Unit-Specific Permit Conditions – Class 1 Modification, concurred with on October 20, 2020.
- Addendum C (Process Information) – Class 1 Modification, concurred with on October 20, 2020.

**Waste Treatment and Immobilization Plant (WTP), Operating Unit Group 10**

24590-LAB-PCN-ENV-19-003

- Appendix 11.1 (Laboratory Building Process Flow Diagrams) and Appendix 11.2 (Laboratory Building Piping and Instrumentation Diagrams) – Class <sup>1</sup>1 Modification, approved on October 22, 2020.

**Integrated Disposal Facility (IDF), Operating Unit Group 11**

PCN-IDF-2020-05

- Unit-Specific Permit Conditions – Class <sup>1</sup>1 Modification, approved on November 23, 2020.
- Chapter 6.0 (Procedures to Prevent Hazards) – Class <sup>1</sup>1 Modification, approved on November 23, 2020.
- Addendum J.1 (Pre-Active Life Contingency Plan) – Class <sup>1</sup>1 Modification, approved on November 23, 2020.

**Capsule Interim Storage (CIS), Operating Unit Group 19**

PCN-CIS-2020-01

- Unit-Specific Permit Conditions – Class 1 Modification, concurred with on October 20, 2020.  
Ecology determined that the change to the “List of Addenda Specific to Operating Unit Group 19” in the Unit-Specific Permit Conditions as described on the Hanford Facility RCRA Permit Modification Form for PCN-CIS-2020-01 was not needed. To be consistent with the current information in the “List of Addenda Specific to Operating Unit Group 19,” Ecology did not make this change to the Unit-Specific Permit Conditions.
- Addendum J (Contingency Plan) – Class 1 Modification, concurred with on October 20, 2020.

If there are any questions regarding this letter, please contact Jennifer Lisa Cantu, Site-wide Permit Quarterly Lead, at [jennifer.cantu@ecy.wa.gov](mailto:jennifer.cantu@ecy.wa.gov) or (509) 318-5949.

Sincerely,

 Digitally signed  
by Schleif,  
Stephanie (ECY)

Stephanie Schleif  
Deputy Program Manager  
Nuclear Waste Program

jc/ag  
Enclosure

cc: See page 4

cc electronic w/o enc:

Dave Bartus, EPA  
David Einan, EPA  
Mary Beth Burandt, USDOE-ORP  
Lori Huffman, USDOE-ORP  
Christopher Kemp, USDOE-ORP  
Glyn Trenchard, USDOE-ORP  
Duane Carter, USDOE-RL  
Mostafa Kamal, USDOE-RL  
Tony McKarns, USDOE-RL  
Brian Stickney, USDOE-RL  
Sheila Davis, BNI  
Brittany Sparks, BNI  
Robert Bullock, CHPRC  
Moussa Jaraysi, CHPRC  
Curt Clement, MSA

Jon Perry, MSA  
Darci Teel, MSA  
Michael Stephenson, PNNL  
Eric Van Mason, WRPS  
ERWM Staff, YN  
Debra Alexander, Ecology  
Jennifer Cantu, Ecology  
Annette Carlson, Ecology  
Suzanne Dahl, Ecology  
Katie Hall, Ecology  
Mandy Jones, Ecology  
Nina Menard, Ecology  
John Price, Ecology  
Stephanie Schleif, Ecology  
Dan Thompson, Ecology

cc electronic w/enc and DVD:

Tim Hamlin, EPA  
Lori Huffman, USDOE-ORP  
Tony McKarns, USDOE-RL  
Sheila Davis, BNI  
Brittany Sparks, BNI  
Mason Murphy, CTUIR  
Jack Bell, NPT  
Rex Buck Jr., Wanapum  
Laurene Contreras, YN  
Susan Leckband, HAB  
David Reeploeg, Hanford Communities  
Max Woods, ODOE  
Robin Priddy, BCAA  
Matthew Drumheller, USACE  
Trevor Fox, USFW  
Mike Livingston, WDFW  
John Martell, WDOH  
John Wiesman, WDOH  
Randy Treadwell, WSDA  
Allyson Brooks, WSDAHP  
Cindy Preston, WSDNR

BNI Correspondence Control  
CHPRC Correspondence Control  
Environmental Portal  
Gonzaga University Foley Center Library  
Hanford Administrative Record,  
Hanford Site-wide Permit  
Hanford Facility Operating Record  
MSA Correspondence Control  
NWP RIM Coordinators, Ecology  
PNNL Correspondence Control  
Portland State University Library,  
Government Information  
University of Washington Suzzallo Library,  
Government Publications  
USDOE-ORP Correspondence Control  
USDOE Public Reading Room, CIC  
USDOE-RL Correspondence Control  
EPA Region 10 Hanford Field Office,  
Correspondence Control  
WRPS Correspondence Control

cc w/enc, DVD and hard copy:

Hanford Administrative Record: Hanford Site-wide Permit  
NWP Central File

cc w/enc, hard copy:

NWP Library: Hanford Site-wide Permit

1  
2 **DANGEROUS WASTE PORTION OF THE**  
3 **RESOURCE CONSERVATION AND RECOVERY ACT PERMIT**  
4 **FOR THE TREATMENT, STORAGE, AND DISPOSAL OF DANGEROUS WASTE**  
5 **SIGNATURE PAGE FOR 8C.2020.Q4**  
6  
7

8 This Permit as modified on February 05, 2021, is the legal and current version of the Hanford Facility  
9 Resource Conservation and Recovery Act Permit, Dangerous Waste Portion, Revision 8c for the  
10 Treatment, Storage, and Disposal of Dangerous Waste. It will remain in effect unless modified, revoked  
11 and reissued under Washington Administrative Code (WAC) 173-303-830(3), terminated under  
12 WAC 173-303-830(5), or continued in accordance with WAC 173-303-806(7).

13 ISSUED BY:  
14 **WASHINGTON STATE DEPARTMENT OF ECOLOGY**

15  Digitally signed by  
Schleif, Stephanie (ECY)

Date: February 05, 2021

16 Stephanie Schleif, Deputy Program Manager  
17 Department of Ecology  
18 Nuclear Waste Program  
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