



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

February 19, 2020

20-NWP-028

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

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

Brian T. Vance, Manager
Richland Operations Office
United States Department of Energy
PO Box 550, MSIN: H5-20
Richland, Washington 99352

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

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

John R. Eschenberg, President
Washington River Protection Solutions
PO Box 850, MSIN: H3-21
Richland, Washington 99352

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

Re: Transmittal of Agency Initiated Draft Permit Modification 8C.2020.2D of 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 3

Dear Addressees:

This letter transmits the Department of Ecology's (Ecology) proposed draft permit modification 8C.2020.2D to the Part III, Operating Unit Group 10, Waste Treatment and Immobilization Plant, of the *Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion, Revision 8C, for the Treatment, Storage, and Disposal of Dangerous Waste*.

The Permittees are the United States Department of Energy – Office of River Protection as owner/operator and Bechtel National, Inc. as co-operator.

Ecology received Package WTP-002, with letter 19-ECD-0066 REISSUE (Reference), and accepts the package for inclusion into an Agency Initiated Permit Modification. The WTP-002 Package includes the draft Preliminary Risk Assessment and associated documents to be incorporated into the WTP Permit, completing Interim Compliance Schedule Item EMF-9.



The proposed Agency Initiated Modification focuses on the draft *Pre-Demonstration Test Risk Assessment for the Hanford Tank Waste Treatment and Immobilization Plant* for Ecology review, as required by Permit Condition III.10.C.11.b and Interim Compliance Schedule Item EMF-9 of the WTP Permit.

The draft Risk Assessment Work Plan for the Direct Feed Low Activity Waste Configuration and the Pre-Demonstration Test Risk Assessment for the Hanford Tank Waste Treatment and Immobilization Plant used the best available information with approved models, including the United States Environmental Protection Agency combustion risk assessment guidance and conservative exposure scenarios and assumptions.

Ecology will hold a 45-day public comment period from February 24, 2020 through April 9, 2020, as required by Washington Administrative Code 173-303-840(3)(d) for a draft permit modification. A public hearing is not scheduled, but Ecology will consider holding one if there is enough interest.

Before making any final permitting decisions, Ecology will consider all comments received during the public comment period for the draft permit modification.

The proposed draft permit modification is on the enclosed DVD and is also available on Ecology's website at: <https://ecology.wa.gov/Waste-Toxics/Nuclear-waste/Public-comment-periods>.

Copies of the DVD are also available at the Hanford Public Information Repositories in Richland, Spokane, and Seattle, Washington, as well as Portland, Oregon. A hard copy and DVD is also on file at the locations listed below:

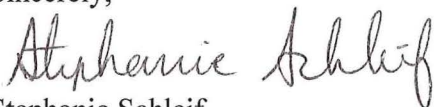
Department of Ecology
Nuclear Waste Program
3100 Port of Benton Boulevard
Richland, Washington 99354

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

Individuals can request copies of the DVD by contacting Ecology's Resource Center at (509) 372-7950.

If there are any questions, please contact Annette Carlson, Dangerous Waste Permitting Project Manager, at annette.carlson@ecy.wa.gov or (509) 372-7897, or Mandy Jones, Permit Coordinator, at mandy.jones@ecy.wa.gov or (509) 372-7916.

Sincerely,



Stephanie Schleif
Deputy Program Manager
Nuclear Waste Program

ac/ag
Enclosure

cc: See page 3

Reference: Letter 19-ECD-0066 REISSUE, dated August 29, 2019, "Reissue - Submittal of Hanford Facility Resource Conservation and Recovery Act Package WTP-002 for the Preliminary Risk Assessment for the Hanford Tank Waste Treatment and Immobilization Plant"

cc electronic w/o enc:

Dave Bartus, EPA	Moussa Jaraysi, CHPRC
David Einan, EPA	Curt Clement, MSA
Mary Beth Burandt, USDOE-ORP	Jon Perry, MSA
Lori Huffman, USDOE-ORP	Darci Teel, MSA
Christopher Kemp, USDOE-ORP	ERWM Staff, YN
Glyn Trenchard, USDOE-ORP	Michael Stephenson, PNNL
Duane Carter, USDOE-RL	Eric Van Mason, WRPS
Joe Franco, USDOE-RL	Debra Alexander, Ecology
Mostafa Kamal, USDOE-RL	Jennifer Cantu, Ecology
Tony McKarns, USDOE-RL	Annette Carlson, Ecology
Lori Fritz, BNI	Suzanne Dahl, Ecology
Brian Ponte, BNI	Mandy Jones, Ecology
Felice Presti, BNI	Stephanie Schleif, Ecology
Brittany Sparks, BNI	Dan Thompson, Ecology
Bob Bullock, CHPRC	

cc w/enc, DVD:

Tim Hamlin, EPA	Cindy Preston, WSDNR
Tony McKarns, USDOE-RL	BNI Correspondence Control
Brittany Sparks, BNI	CHPRC Correspondence Control
Mason Murphy, CTUIR	Environmental Portal
Jack Bell, NPT	Gonzaga University Foley Center Library
Rex Buck, Jr., Wanapum	Hanford Facility Operating Record
Laurene Contreras, YN	MSA Correspondence Control
Susan Leckband, HAB	PNNL Correspondence Control
Ken Niles, ODOE	Portland State University Library,
John Fowler, ACHP	Government Information
Robin Priddy, BCAA	University of Washington Suzzallo Library,
Matthew Drumheller, USACE	Government Publications
Trevor Fox, USFW	USDOE-ORP Correspondence Control
Mike Livingston, WDFW	USDOE Public Reading Room, CIC
John Martell, WDOH	USDOE-RL Correspondence Control
John Wiesman, WDOH	USEPA Region 10 Hanford Field Office
Randy Treadwell, WSDA	Correspondence Control
Allyson Brooks, WSDAHP	WRPS Correspondence Control

cc w/enc, DVD and hard copy:

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