



U.S. Department of Energy Hanford Site

October 29, 2020

20-TRS-0005

Ms. Alexandra K. Smith, Program Manager
Nuclear Waste Program
Washington State
Department of Ecology
3100 Port of Benton Blvd.
Richland, Washington 99354

Dear Ms. Smith:

NUMERICAL TANK WASTE CLOSURE PERFORMANCE STANDARDS FOR CLEAN CLOSURE OF SOILS

This letter is in response to 20-NWP-132, dated August 17, 2020. The U.S. Department of Energy, Office of River Protection (ORP) received your letter documenting the numerical standards developed for clean closure of environmental media related to facilities that support the Hanford tank waste mission. ORP and Washington State Department of Ecology staff worked diligently and cooperatively to develop the extensive table of the multiple potential pathways and related clean closure cleanup levels. ORP appreciates the time and efforts applied to this task in support of development of closure plans for Revision 9 of the Hanford Facility Dangerous Waste Permit.

ORP has concerns with portions of the proposed approach presented in 20-NWP-132 regarding application of the numerical standards. ORP's concerns include:

- Evaluation of viable exposure pathways on a unit specific basis has not been performed.
- Proposed approach to implementation to Liquid Effluent Retention Facility/Effluent Treatment Facility.
- Proposed application to landfill closure of Single-Shell Tanks.
- Proposed approach to implementation at 222-S.

ORP would like to meet with you and discuss its concerns with the goal of reaching a mutually agreeable approach to implementation.


Ms. Alexandra K. Smith
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-2-

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If you have any questions, please contact me, or your staff may contact Lori A. Huffman, [Lori A Huffman@orp.doe.gov](mailto:Lori_A_Huffman@orp.doe.gov), Technical and Regulatory Support, ORP, (509) 376-0104.

Sincerely,

 Digitally signed by GLYN D. TRENCHARD
DN: cn=us, o=u.s. government, ou=department
of energy, ou=Energy IT Services, ou=Hanford
Site, ou=People, cn=GLYN D. TRENCHARD
Date: 2020.10.29 15:00:25 -0700

Glyn D. Trenchard, Assistant Manager
Technical and Regulatory Support
Office of River Protection

TRS:LAH

cc: D. J. Alexander, Ecology
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