

# **Waste Incidental To Reprocessing Determination -- Test Samples of Treated, Low-Activity Waste from Hanford Tanks for Offsite Disposal**

Prepared for the U.S. Department of Energy  
Assistant Secretary for Environmental Management



**P.O. Box 450  
Richland, Washington 99352**

# Waste Incidental To Reprocessing Determination -- Test Samples of Treated, Low-Activity Waste from Hanford Tanks for Offsite Disposal

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Assistant Secretary for Environmental Management

**Office of River Protection**

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**APPROVED**  
By Lynn M Ayers at 10:39 am, Dec 09, 2021

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Release Approval

Date

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**WASTE INCIDENTAL TO  
REPROCESSING DETERMINATION --  
TEST SAMPLES OF TREATED, LOW-ACTIVITY WASTE FROM HANFORD TANKS FOR OFFSITE DISPOSAL**

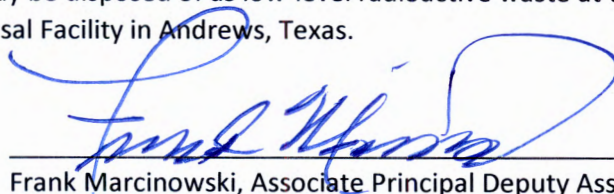
For the reasons set forth in the attached *Waste Incidental to Reprocessing Evaluation – Test Samples of Treated, Low-Activity Waste from Hanford Tanks for Offsite Disposal*, I have determined that approximately five (5) gallons of test samples – consisting of treated, low-activity waste from six Hanford tanks:

- Have been processed to remove key radionuclides to the maximum extent that is technically and economically practical;
- Will be managed to meet safety requirements comparable to the performance objectives set out in 10 CFR Part 61, Subpart C, Performance Objectives;
- Will be incorporated in a solid physical form at a concentration that does not exceed the applicable concentration limits for Class C low-level waste as set out in 10 CFR 61.55, Waste Classification; and
- Will be managed as low-level radioactive waste, pursuant to the Department of Energy's (DOE) authority under the Atomic Energy Act of 1954, as amended, and in accordance with the provisions of Chapter IV of the Department of Energy Manual 435.1-1, Radioactive Waste Management Manual.

Accordingly, pursuant to Section II.B(2)(a) of the Department of Energy Manual 435.1-1, Radioactive Waste Management Manual, these test samples of treated, low-activity waste from six Hanford tanks are not high-level waste and may be disposed of as low-level radioactive waste at the Waste Control Specialists Federal Waste Disposal Facility in Andrews, Texas.

November 15, 2016

Date



Frank Marcinowski, Associate Principal Deputy Assistant Secretary  
for Regulatory and Policy Affairs