



THE HANFORD SITE

Tank Waste Operations Update

Ricky Bang, Deputy Assistant Manager for
Tank Waste Operations

January 21, 2025

- Tank-Side Cesium Removal System
- Test Bed Initiative
- Tank Farms overview
- Effluent Treatment Facility
- 222-S hot cells
- Summary



What is being briefed:

- Tank waste mission progress



October 2024

Installation of ion-exchange column on storage pad



October 2024

Ion-exchange columns on storage pad



January 2021

Ion-exchange columns and filters getting installed



October 2024

Ion-exchange columns on storage pad



July 2024

Installing aboveground equipment



August 2024

Aboveground equipment construction



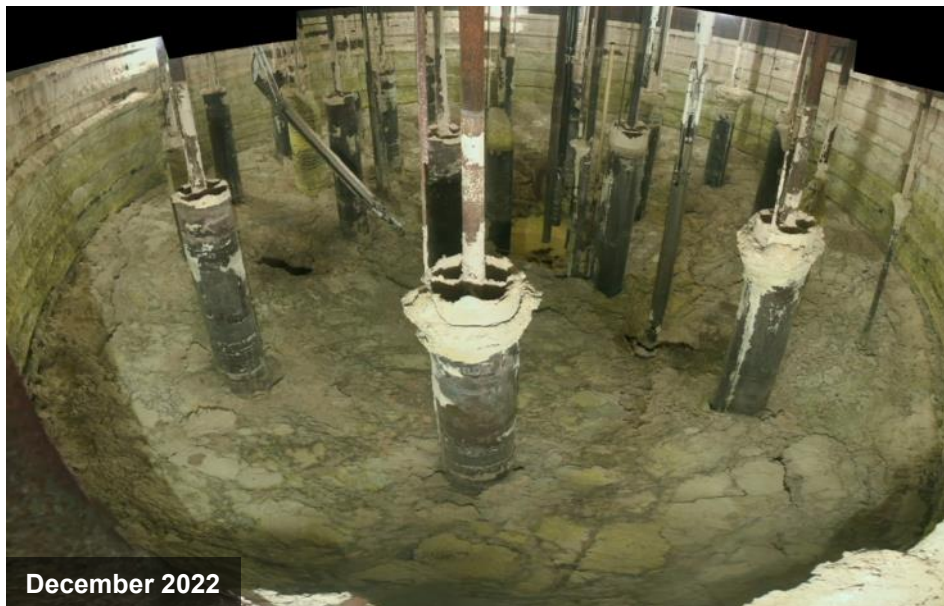
October 2024

Sample of Test Bed Initiative treated waste



September 2024

Inside the process tent



December 2022

Inside Tank AX-101 before waste retrieval



October 2024

Inside Tank AX-101 after waste retrieval

A Tank Farm



April 2023

Aerial view of the A Tank Farm.



November 2024

Tank A-102 pit equipment



October 2024

Waste retrievals workers at Tank A-102

Effluent Treatment Facility



November 2024

Aerial view of the Effluent Treatment Facility.



July 2024

Steam stripper and concentrator columns



July 2024

Acetonitrile distillate storage tanks



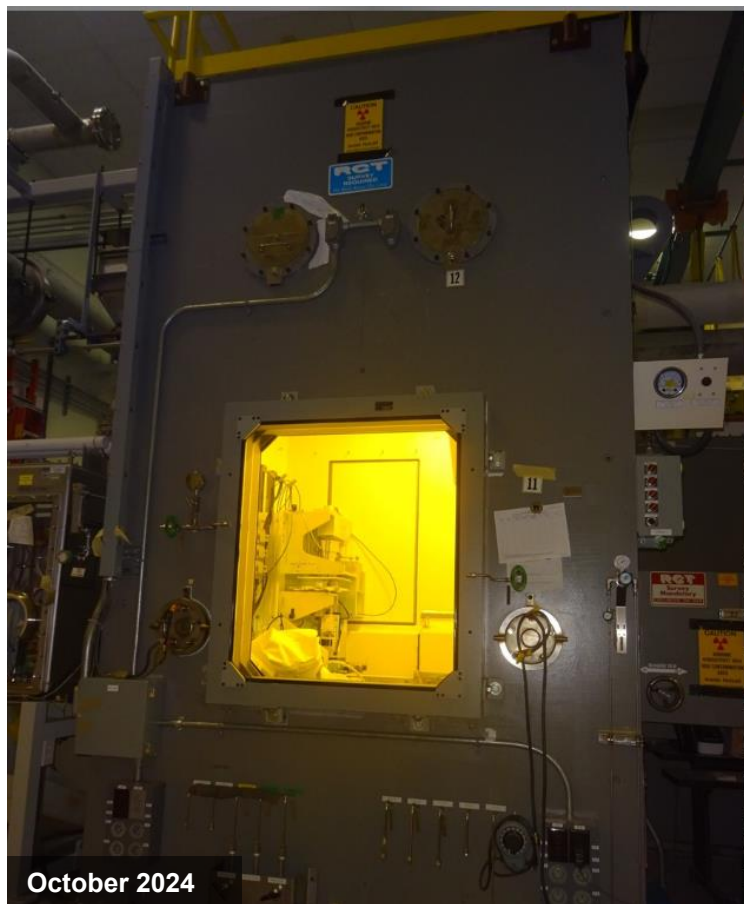
July 2024

Influent filter system



July 2024

Carbon dioxide removal system.



Newly installed hot-cell window



Operator using equipment in a hot cell



- Continued progress on Direct-Feed Low-Activity Waste tank waste treatment
- Test Bed Initiative operations completed
- Significant accomplishment with AX Tank Farm single-shell tank waste retrievals