



THE HANFORD SITE

Tank Waste Operations Update

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Tank Waste Operations

- 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



Inside Tank AX-101 before waste retrieval



Inside Tank AX-101 after waste retrieval



Aerial view of the A Tank Farm.



November 2024

Tank A-102 pit equipment



October 2024

Waste retrievals workers at Tank A-102



Aerial view of the Effluent Treatment Facility.



Steam stripper and concentrator columns



Acetonitrile distillate storage tanks



Influent filter system



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