



# THE HANFORD SITE

## Department of Energy Project Photographs

*06 February 2024*

# Tank AP-106 Waste Sampling



January 2024

Tank AP-106 waste sampling post-batch 5 treatment by the Tank-Side Cesium Removal System (TSCR). The TSCR system successfully treated 840,000 gallons of waste during the first full treatment campaign.

# Cutting Piping for Tank-Side Cesium Removal System New Camera



Following Tank-Side Cesium Removal System Campaign 1, workers are performing planned maintenance, including upgrading cameras inside the process enclosure.



January 2024

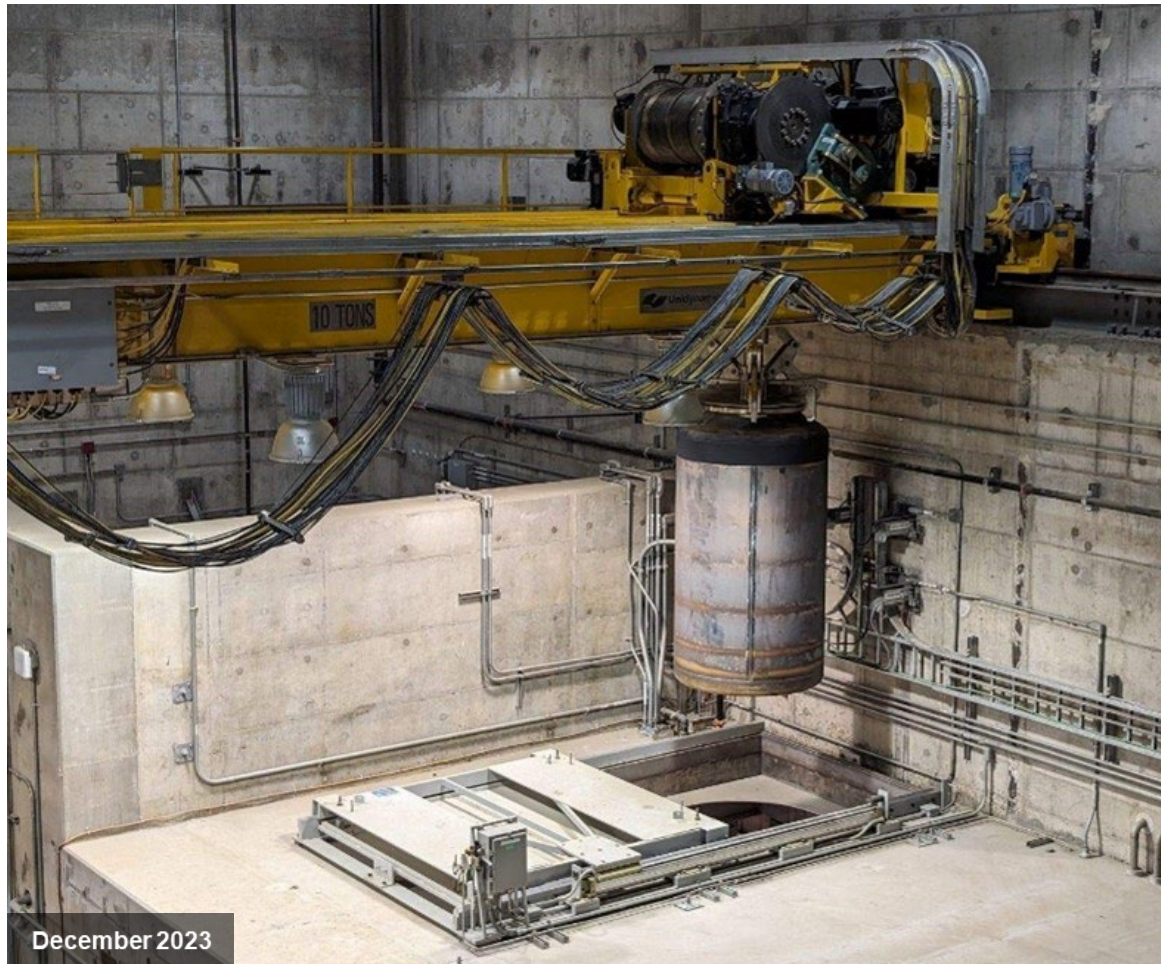
The 222-S Laboratory continues to deliver high-quality data analyses on time, allowing our site customers, the Tank Operations and Central Plateau contractors, to remain on track with their critical cleanup projects.



December 2023

Engineers inspect the purge gas cart for the replacement windows.

# Waste Treatment and Immobilization Plant

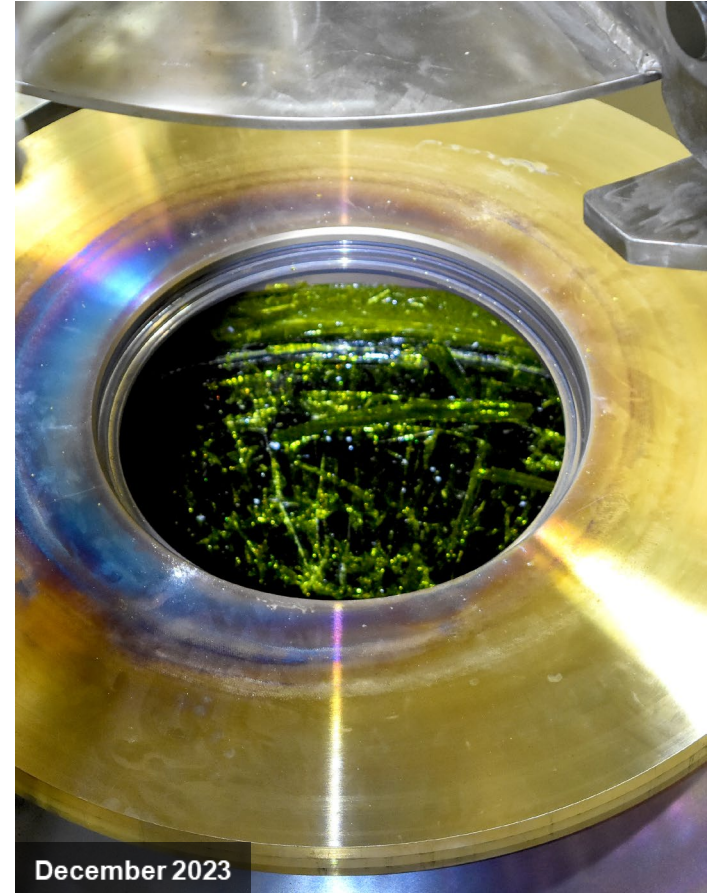


The first container of test glass is lifted into the Low-Activity Waste Facility's Export Bay.

# Waste Treatment and Immobilization Plant



Brian Hartman, Brian Stickney, Brian Vance, and Rick Holmes are pictured with the first container of clean test glass at WTP.



Clean test glass is seen inside a container.



Washington State Department of Ecology inspection of the newly expanded load-in station at the Effluent Treatment Facility.

# Plutonium Uranium Extraction Plant 211-A Demolition



December 2023

Workers continue shrinking aging infrastructure around the footprint of the Plutonium Uranium Extraction Plant, here removing the plant's 211-A Chemical Storage Area.

# Reduction Oxidation Plant System Complete



December 2023

In December workers finished installation and testing of a new ventilation system at the Reduction Oxidation Plant. The system improves airflow and filtration inside the plant, enhancing safety for cleanup activities at the former plutonium processing facility.

# K Basin Dewatering Preparation



May 2023

Prerequisite activities continue to progress towards the start of dewatering of the 1.2-million-gallon K West spent-fuel basin in February.

# Tank AP-101 Waste Retrieval



Installation of the second and final piece of long-length equipment (an extended-reach slucicer) required to begin waste retrieval from Tank AP-101, the first tank planned for retrieval in A Farm expected to start in 2024.

# 200 West Area New Water Tank



December 2023

Progress continues on the 1.5-million-gallon water tank under construction in the 200 West Area.

# Central Plateau Water Treatment Facility



December 2023

Construction activities progress at the new Central Plateau Water Treatment Facility in the 200 West Area.