

# Agency Update Oregon Hanford Cleanup Board

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Presented by: Waste Treatment & Immobilization Plant Startup and Commissioning

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#### **Mission**

To safely manage the waste in Hanford's underground tanks while delivering the waste treatment capability needed for waste immobilization and final disposition.

#### **Vision**

To be a high-performing and innovative organization that is safety conscious, employee-focused, and committed to successfully achieving our environmental mission safely and efficiently.







#### Office of River Protection (ORP)

ORP is responsible for planning, integrating, and managing the River Protection Program executed by contractors performing work under ORP management. ORP has ~226 employees, both federal and contractor.

#### Washington River Protection Solutions (WRPS)

WRPS is the prime contractor responsible for safely managing and operating the Tank Farms. WRPS has 2,299 employees\*.

#### **Bechtel National, Inc. (BNI)**

BNI is responsible for the engineering, construction, startup and commissioning of the Waste Treatment and Immobilization Plant. BNI has 2,771 employees\*.

#### Wastren Advantage, Inc. (WAI)

WAI is the prime contractor responsible for managing the 222-S Laboratory. WAI has 61 employees.\*



\*As of February 26, 2018

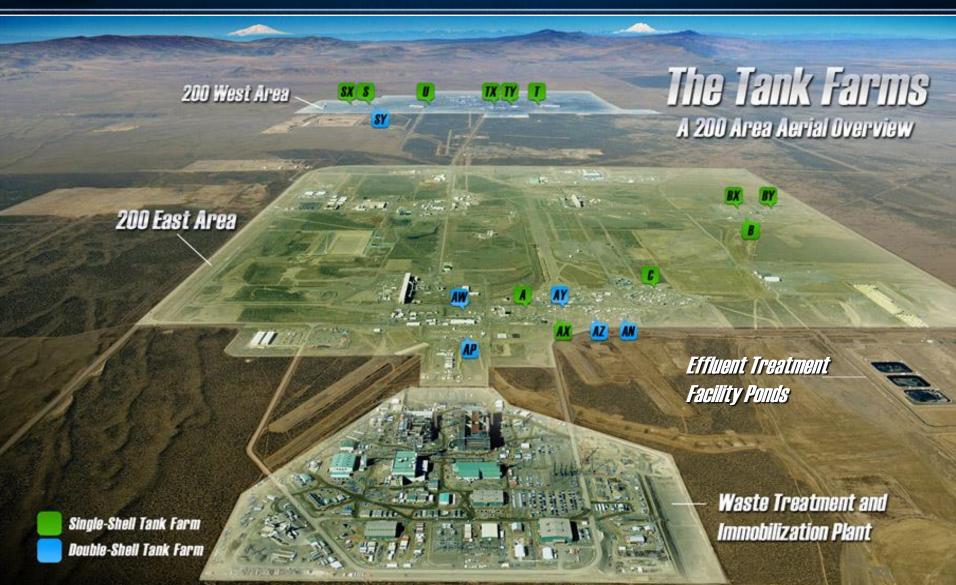








# **River Protection Project**





## C-Farm/AY-102 Update

- WRPS doing final waste volume calculation then DOE completes Retrieval Completion Certification & submits to Ecology
- WRPS working to remove and dispose of excess equipment in C-Farm
- Next step: working with Ecology on closure path forward



C-105 retrieval operations completed in November 2017



AY-102 interior after retrieval

- DOE submitted inspection report documenting decision to proceed with closure of AY-102 to Ecology
- Ecology responded with a letter stating that DOE and WRPS met all Settlement Agreement requirements
- Next step: DOE and Ecology to discuss path to closure





# A-AX Tank Farms Update & SX Farm Interim Barrier

- Continued equipment removal and pit cleanout activities at AX-Farm tanks
- Installation includes new transformer; prep for A-Farm exhauster; water/chemical lines; and prep for new retrieval system control rooms



Pump removal from AX-102

- Preparation underway to install two interim surface barriers to cover nine tanks, portions of three more
- Design of a third barrier to cover remaining portion of SX Farm is underway



SX Farm Interim Barrier





## **Chemical Vapors Protection**

- Continued focus on tank farms worker safety and health
- WRPS and HAMTC continue with process for third-party review of cartridge testing and hazard assessments before expanding APR use
- Office of Enterprise Assessments (EA-32) performed its follow-up assessment in summer / fall 2017
- EA-32 report issued Feb. 28, 2018
- ORP is reviewing the results and will continue to work closely with WRPS to address recommendations aimed at improving safety of workers in the tank farms







