

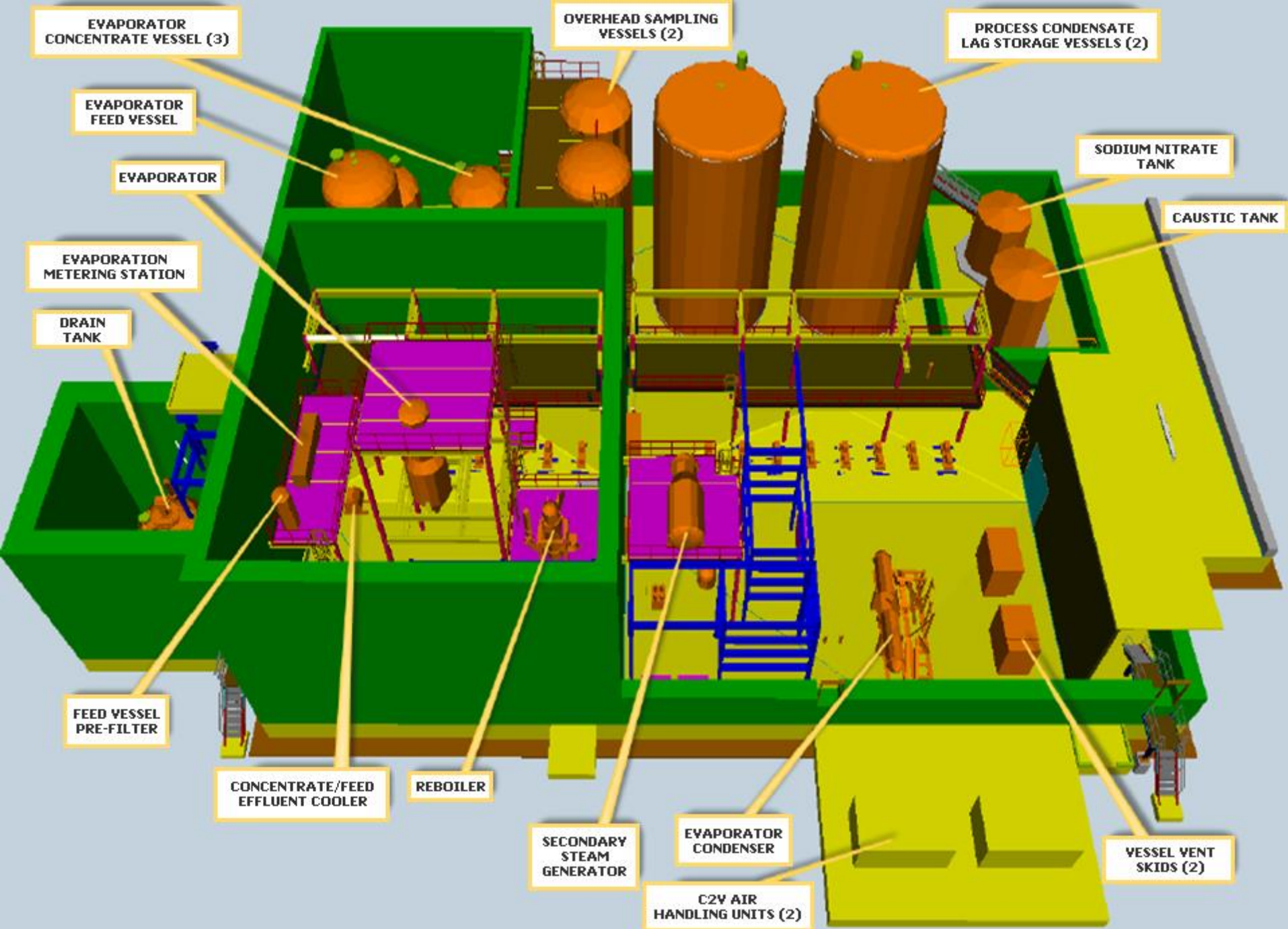


OFFICE OF
RIVER PROTECTION
United States Department of Energy

Effluent Management Facility Overview

HAB Tank Waste Committee
April 27, 2016

Presented by: **Jason Young, DOE-WTP LAB/Balance of Facilities Federal Project Director**











Accomplishments and Milestones

➤ Recent Accomplishments

- Completed Contract Milestone DF-02 EMF Hazard Analysis and 30% Design Review
- Completed bulk excavation and “Mudmat” placement for the EMF
- Completed and approved the initial Preliminary Design Safety Analysis for the EMF
- Design at 45% complete

➤ DFLAW Contract Milestones

- | | |
|---------------------------------------------------|-------------|
| • DF-01 CLIN 2.1 DFLAW Design Completion | 04/30/2018 |
| • DF-02 EMF Hazard Analysis and 30% Design Review | 12/31/2015A |
| • DF-03 DFLAW Safety Basis Change Package | 03/21/2016A |





EMF Completion Timeline

- **Submit EMF Secondary Containment Permit to Ecology (October 2016)**
- **BNI Complete Civil / Structural Bulk Construction (May 2018)**
- **BNI Place EMF Vessels (June 2018)**
- **BNI Install EMF Evaporator (July 2018)**
- **Complete Turnover from Construction to Startup (June 2019)**
- **Complete EMF Commissioning to Support LAW (January 2020)**





Questions?

