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?