Hanford Tank Farms Update

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Presented by: U.S. Department of Energy, Office of River Protection
16 TANKS RETRIEVED

- **C-106**
  - Capacity of tank: 530 Kgs
  - Completion date: Dec. 31, 2003
  - Volume removed: 185 Kgs

- **C-103**
  - Capacity of tank: 530 Kgs
  - Completion date: Aug. 26, 2006
  - Volume removed: 75 Kgs

- **C-104**
  - Capacity of tank: 530 Kgs
  - Completion date: Aug. 17, 2012
  - Volume removed: 287.3 Kgs

- **C-107**
  - Capacity of tank: 530 Kgs
  - Completion date: Aug. 9, 2014
  - Volume removed: 210.4 Kgs

- **C-203**
  - Capacity of tank: 55 Kgs
  - Completion date: March 24, 2005
  - Volume removed: 2.501 gallons

- **C-204**
  - Capacity of tank: 55 Kgs
  - Completion date: Dec. 11, 2006
  - Volume removed: 1.349 gallons

- **S-112**
  - Capacity of tank: 758 Kgs
  - Completion date: March 2, 2007
  - Volume removed: 612 Kgs

- **C-109**
  - Capacity of tank: 530 Kgs
  - Completion date: Sept. 13, 2012
  - Volume removed: 62.2 Kgs

- **C-112**
  - Capacity of tank: 530 Kgs
  - Completion date: Apr. 18, 2012
  - Volume removed: 91.3 Kgs

- **C-202**
  - Capacity of tank: 55 Kgs
  - Completion date: Aug. 11, 2005
  - Volume removed: 1.253 gallons

- **C-110**
  - Capacity of tank: 530 Kgs
  - Completion date: Oct. 15, 2013
  - Volume removed: 176.3 Kgs

- **C-101**
  - Capacity of tank: 530 Kgs
  - Completion date: March 22, 2012
  - Volume removed: 83.0 Kgs

- **C-108**
  - Capacity of tank: 530 Kgs
  - Completion date: Sept. 12, 2013
  - Volume removed: 72.5 Kgs

- **C-102**
  - Capacity of tank: 530 Kgs
  - Completion date: Apr. 9, 2015
  - Volume removed: 300.5 Kgs

- **C-201**
  - Capacity of tank: 55 Kgs
  - Completion date: March 23, 2006
  - Volume removed: 718 gallons

- **C-111**
  - Capacity of tank: 530 Kgs
  - Completion date: March 20, 2016
  - Volume removed: 27.8 Kgs

0 TANKS UNDER REVIEW

2 TANKS IN RETRIEVAL

- **AY-102**
  - Capacity of tank: 1,000 Kgs
  - Volume of waste to be removed: 744 Kgs
  - Retrieval began March 2016
  - Volume of waste removed to date: 595 Kgs

- **C-105**
  - Capacity of tank: 530 Kgs
  - Volume of waste to be removed: 122 Kgs
  - Retrieval began June 2014
  - Volume of waste removed to date: 54.9 Kgs

4 TANKS IN CONSTRUCTION

- **AX-101 / AX-102 / AX-103 / AX-104**
C-Farm Retrieval Status
A/AX tank farm

AX-FARM

AX-101
AX-102
AX-103
AX-104

A-FARM

A-103
A-104
A-105
A-106

242-A

A-102
A-101
Effluent Treatment Facility (ETF) role in waste water treatment

- 242-A Evaporator
- LERF (Liquid Effluent Retention Facility)
- ETF (Effluent Treatment Facility)
- SALDS (State Approved Liquid Disposal Site)
- ERDF (Environmental Restoration Disposal Facility)
- TEDF (Treated Effluent Disposal Facility)

242-A Evaporator

Dried Waste

200 Areas Pumping Stations

Treated Liquid
AY-102 Retrieval Status

- 95 percent of liquid waste and sludge retrieved (~595k gal)
- 4 extended reach sluicers were recently installed
- Pumping expected to resume in November
- Deadline to complete retrieval March 4, 2017

Questions?