Background

- Several phases of investigation (radiological surveys, soil/groundwater sampling), remediation and associated reporting have been performed since 2005 for the FHWMF Perimeter Area.
- Reports were prepared and submitted to regulatory agencies as appropriate and updates provided to stakeholders.
- Contamination is believed to be a result of historical operations associated with the transfer and management of wastes to and within the FHWMF and stormwater runoff from contaminated soils within the facility.
• Cs-137 is the primary contaminant of concern
• Contamination is limited to top six inches to one foot of soil
• Most of the elevated Cs-137 results are discrete soil contamination locations except for the one area immediately northeast of the FHWMF (addressed during Phase 1)
• No groundwater impacts
• In December 2013, The FHWMF Perimeter Area was designated as Sub-Area of Concern 1J and is administratively included under the Operable Unit I Record of Decision
Phase 3 Area– Initial Survey Results
Phase 3 Area— Looking South

Before Clearing Effort (2009)

After Clearing Effort (2010/2011)
Path Forward

- Work planning for Phase 3 activities almost complete and project start date currently scheduled for May 1, 2014
- Scope of Work to include:
  - Excavation of contaminated soil above cleanup goals (23 pCi/g)
  - Completion of Final Status Survey and sampling, including Oak Ridge Institute for Science and Education (ORISE) independent verification
  - Post closure dose assessment in accordance with the Residual Radioactivity Computer Code (RESRAD)
  - Characterization, transportation and disposal of excavated soil
  - Implementation of institutional controls
Area with Institutional Controls