



Hanford 300 A IFC

300 Area IFC Site and Data Management

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Site Management

- ▶ 300 Area CERCLA Operable Units
 - 300-FF-1 waste sites and shallow sediments
 - 300-FF-5 deep vadose zone and groundwater
- ▶ IFC requires collaboration with field activities by others
 - Washington Closure Hanford, LLC (DOE-Richland)
 - Fluor Hanford, Inc (DOE-Richland)
 - PNNL (DOE EM-22)

Site Management Status and Plans

- ▶ NEPA approval process and permitting underway
- ▶ Controlling documents being prepared to facilitate project work and site access
 - Field Site Management Plan
 - Scientific Research Plan and Schedule
 - Characterization Plan
 - Health and Safety Plan
 - Quality Assurance/Quality Control Plan
- ▶ Controlling documents and plans will be accessible on project website (to be developed)

Data Management Plans

- ▶ Data management led by INL
- ▶ Four components
 - Data acquisition
 - Data management
 - Data processing and analysis
 - Information access, distribution and use

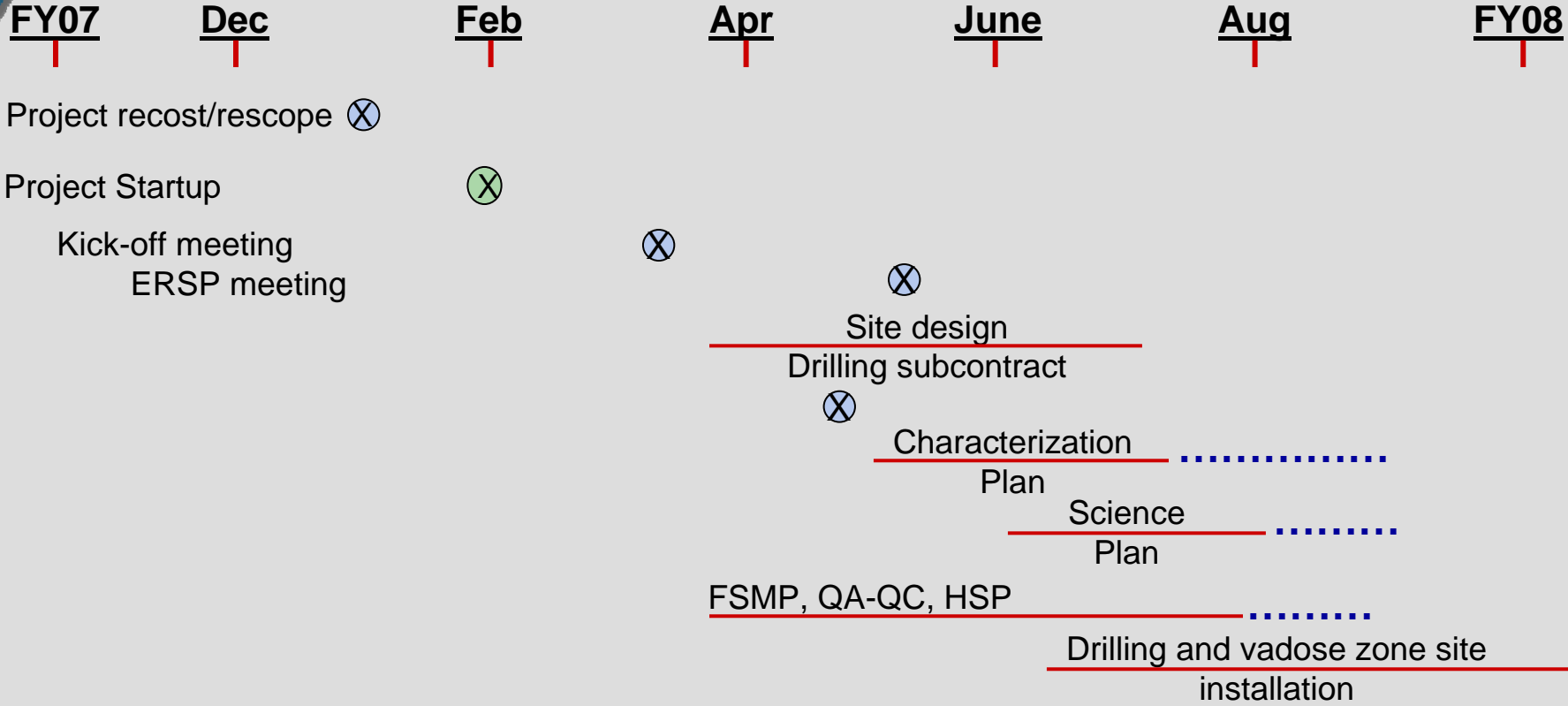
Data Acquisition
-Automated
-Manual

Data Management
-Storage of data
-Linking of data

Data Processing
-Internal (local)
-External (3rd party applications)

Information Access
-Web User Interfaces
-Automated Alerts
-Export to 3rd party software

Schedule for IFC Project Initiation



300 A Linkages

- ▶ DOE ERSP (ERSD/SC)
 - Microscopic reaction and transport processes of U(VI)
 - Long term performance of phosphate barriers
 - Tc and Fe biogeochemistry in suboxic subsurface sediments
 - Isotope geochemistry studies of Sr-90 and U
 - High resolution 3d hydrostratigraphy with geophysics

- ▶ DOE SciDAC (ASCR/SC)
 - Code development; 300 A as a test case

- ▶ DOE EM-22 (leading to remedy selection)
 - Polyphosphate treatability testing

- ▶ DOE Richland (EM)
 - RACS/Fluor
 - LFI and follow on leading to ROD

- ▶ Nuclear Regulatory Commission
 - Evaluate modeling uncertainty

Contact Information

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