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)



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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)



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Data Management Plans

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

rmation Access



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Schedule for IFC Project Initiation





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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



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