

TC&WM FEIS groundwater modeling

- What codes, how/why? Rationale?
- How was draft modeling different from final? Particle tracking?
- How did Technical Guidance doc & settlement agreement constrain FEIS model?
- How was flow model calibrated? Match real conditions?
- Sensitivity analyses – what & why? Reduced uncertainty?
- What are the limitations of the model that was used in FEIS?
- Did FEIS model match up with characterization?

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EIS groundwater modeling (cont.)

- *[Overarching modeling questions]*
 - FEPS
 - How do you transfer lab rates to real sites?
 - How do you interpret a model (subjective)?
 - Parameters of a model – how do you determine? Future uses?
 - Degree of saturation, etc.?
 - Limitations of technologies being used to analyze site (e.g. high res. resistivity).
 - Rapid groundwater flow?

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EIS groundwater modeling (cont.)

- How did you pick the model?
 - Subquestions
- How will you use the results of FEIS model in the future? How will further analyses be done?
 - For PAs?
 - Site specifically?
 - Will it be changed?
 - RODs
 - Closure plans
 - Stability analysis
 - What models will be used for what decisions
 - (Unproductive aquifer areas?)

EIS groundwater modeling (cont.)

1. What model, how calibrated?
2. Different from draft final
3. Future

Land Transition Between Programs & Contractors: Next Steps

- Q: Is there a mechanism for public comment? How/where should the HAB provide comment (advice)?
 - Track & address LTS related to F Reactor transition
 - Timeframe: April - completing SME recommendations for F Reactor

Land Transition Between Programs & Contractors (cont.)

- Part 1
 - Walkdown @ F Area
 - F Area punchlist, schedule
 - SME results
- Part 2
 - Final ROD development for F Area
 - End of 2013
 - (F Area transition may be in April/May)
- IM: Bob Suyama*, Jean Vanni, Dan Serres

Bin/ Follow-Up

- Switch March meeting dates? EIC discuss
- Who were 5 IMs who participated in the past groundwater workshops? (2006?) [Dale, Shelley, Jean]

River Corridor Overview/Progress: Next Steps

- Q: Grouting in ERDF? Jean follow up w/ Ecology
- Track in regards to RI/FSs & Proposed Plans

March (work planning)

- Tour? 200 West Pump & Treat
- 2015 Vision & beyond update
- Deep vadose zone remediation technologies
- Committee leadership

April (work planning)

- 300 Area Final Proposed Plan & RI/FS
- Land transition at F Area
- ROD F Area – What additional work identified between interim & final ROD at F Area
- Regulator briefing on their comments to the 100 F/IU operable unit 100 D/H OU & Proposed Plan Draft As
- EIS groundwater model – use/impacts to future work (more IM & DOE work needed)

May (work planning)

- ASCEM (PNNL) 3D modeling (not time critical, “filler”)
- 300 Area follow up? Advice?
- U Canyon – Update funding & mortgage cost (TBD)
- Orchard Lands OU Work Plan