Presentation Outline

• Recommendation handout
• Previously initiated work (4 Recommendations)
• Priority recommendations (8 Recommendations)
• Dependent recommendations (2 Recommendations)
• Technical working group involvement
Previously Initiated Work

• Avoid hedging with uniform release factor (ROMS model)
  • Acknowledged

• Yellowtail daily timestep model (RiverWare)
  • 2019 parallel testing
  • Targeting January 2020 adoption

• Statistical forecast improvements (PyForecast)
  • 2019 beta testing
  • 2020 parallel testing
  • 2021 adoption

• Enhanced resolution snowmelt runoff modeling
  • Reclamation Science and Technology Project (2020 Finish)
Priority Recommendations

• Model and evaluate low flow rules
  • Step 1 - October 2019 start, targeting March 2020 review completion (GPRO)

• Examine frequency of elevation targeting
  • Summer 2019 start, December 2019 finish (MTAO)

• Rule curve updates
  • Remove encroachment into flood pool; Summer 2020 start, December 2020 finish (MTAO)
  • Higher inflow volume rule curve; Summer 2020 start, December 2020 finish (MTAO)
  • Define relationship between flood pool and releases; Summer 2020 Start, December 2020 finish (MTAO or GPRO)
Priority Recommendations (cont)

- Examine skill of forecast components
  - Summer 2020 start, December 2020 finish (GPRO, WYAO & MTAO)
- Implement basin wide operations model (RiverWare)
  - Ongoing work on individual models, WY2022 target for adoption
- Evaluate skill of NWS and other ensemble forecasts
  - TBD
Dependent Recommendations

• Incorporate ensemble forecasts
  • TBD – Dependent on evaluation of ensembles and basin wide model

• Examine variable drawdown timing
  • TBD – Dependent on evaluation of ensembles and basin wide model
Technical Working Group Involvement

• Commitment
  • Maintain engagement of the Technical Working Group
  • Review results of parallel/beta testing
  • Coordinate plan for full adoption
  • Present at semi-annual Issues Group/Operations meetings
Questions?