

Fish Facility Design Review Work Group
4 April 2013

B2 FGE/Orifice Study (Medina/Lee/ Rerecich)

- TRD on site for “proof-of-concept” test has started
 - o Gatewell field velocity measurements to validate CFD model completed this week, and;
 - o Field biologic testing to start 8 April (no testing during Spring Creek release)
- Orifice lighting will not be part of the TRD test
- Orifice EDR Agency Technical Review process has started. Final report expected by the end of FY

JDA Configuration TSW Permanence (Medina/Hanson/Askelson/ Rerecich)

- Contractor (SkyTech/Dicks) has completed field construction for:
 - o TSW's as permanent feature
 - o Modified existing stoplogs
 - o Additional vertical gate (delivery in August 2013)
 - o Modifications to the deck to address overspray
- TSW's are ready for the start of the migration season

B2 Corner Collector Channel Repair (Medina/Hace/ Rerecich)

- o Repairs completed November 2012. Repairs did not work:
 - o Used mortar & epoxy compound to repair large spalled areas
 - o Fill joints and/or bevel corners
- Will evaluate channel status at next opportune time and start rehab/repair strategy

Turbine Survival Program (Medina/Amman/Rerecich)

- BIT document completion by 15 May with regional input by the region
- Document will comprise:
 - o Main report remain a living document with ‘holes’ for future work
 - o McNary Appendix
 - o John Day Appendix
 - o Partial Bonneville
- Ice Harbor Runner Design is moving forward final 3rd iteration for fixed blade unit & start of 3rd iteration the adjustable blade
- B1 report & B2 model investigation will be completed by the end of calendar year

John Day Lamprey Trap - Count Station (Medina/Welton/ Tackley)

- Installation is complete and ready for operation
- Installation of hoist will done at the end of April

The Dalles North and East Adult Fish Ladder Study - (Medina/Lee/Tackley)

- EDR ATR complete
- DDR started Walla Walla District under Portland District's guidance and direction
- 30% DDR under review.