

**Fish Facility Design Review Work Group**  
**7 Feb 2013**

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

- Fabricated TRD on site for “proof-of-concept” test
- Installation scheduled for mid next month (14 March) however, schedule is fluid due to other Project activities. Proof of concept effort will include:
  - o Gatewell instrumented for velocity field measurements to validate CFD model, and;
  - o Field biologic testing
- Orifice lighting will not be part of the TRD test
- Orifice EDR ready for Agency Technical Review. Final report expected by the end of FY

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

- Contractor (SkyTech/Dicks) is making progress converting:
  - o TSW’s into permanent feature
  - o Modifying existing stoplogs
  - o Additional vertical gate
  - o Modifications to the deck
- TSW’s should be ready for the start of the migration

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

- Repairs completed November 2012:
  - o Used mortar & epoxy compound to repair large spalled areas
  - o Fill joints and/or bevel corners
- Hydraulic analysis conclusion: incremental roughness is normal and should be expected

Turbine Survival Program (Medina/Amman/Rerecich)

- BIT document (75%) currently under review by the PDT – No comments provided by the region
- 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 3<sup>rd</sup> iteration for fixed blade unit & start of 3<sup>rd</sup> iteration the adjustable blade
- B1 report & B2 model investigation will be completed by the end of the FY

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

- Punch-list walk through 7 Feb 13
- Trash racks installed next Monday (dimension bust)
- Installation scheduled fully complete: 11 Feb 13

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

- EDR completed with ATR review December 2012.
- DDR started with site visit December 2012 by Walla Walla District early t
- Expect DDR completion by end of FY with P&S starting later this calendar year.