**Willamette Fish Passage Operation and Maintenance (W-FPOM) Team meeting**

26 July 2017 0900-1100

NWP U.S. Army Corps of Engineers

Portland, Oregon

Block 300, Lobby Conference Room

Conference line: 888-675-2535 **Access/Security code: 4849586**

1. **Introductions and agenda updates**
2. **Approve May and June W-FPOM minutes**
3. **Action Items**
   1. **[Apr 2017]** Form task group to examine turbine maintenance periods for Detroit and Big Cliff Dams as well as other WVP dams (Walker). ***Status: No task group meeting has been scheduled yet. Status: Walker is working on a doodle poll.***
   2. **[Apr 2017]** Form task group to examine adult fish facility operations to incorporate into the WFOP (Walker). ***Status: No task group meeting has been scheduled yet. This could be a short meeting but the topic needs regional input. Status: Walker is working on a doodle poll.***
   3. **[Apr 2017]** Look into how spill is allocated across outlet works/spill bays to alleviate TDG issues (Walker). **Status: Not completed. Dishman would like to know at what flow the minimum gate opening would no longer be a problem/restriction. ACTION: Taylor, Dishman and Walker will meet to discuss this issue. *Status: Not completed. Spill is no longer distributed over the spill gates because of the minimum gate openings. Hart explained that you need to have both gates over the minimum before the second one is opened. The minimum needed to use both gates is 2000cfs. When the spill does hit 2K or 3K, NMFS would like to see the project open the next gate opened rather than just continue to push the water through one gate. ACTION: Walker will pull together the spill patterns to insert into the WFOP. The group will still meet offline.***
   4. **[Mar 2017]** Determine if a turbine unit can be run for 24 hours rather than just during the day to pass water and help keep TDG lower (Spear). *Spear – yes, we can run a unit for 24 hours from BPA’s or a power perspective unless there is some O&M reason why we could not.* **Status: Although this pattern is physically possible, BPA is not planning to implement this change until some modeling work has been completed to determine the amount of TDG that would be produced and how much of a benefit this is to the fish. Chane and Hart will look into this but there is so much work going on for the Columbia that it may be difficult to find staffing available. Previous annual water quality reports may aid in determining TDG levels under different operations. *Status: Running additional water through the turbines would help 1-2% but starting June 1, the project would lose temperature control. All dams work together so if you are generating more at one dam then spill would increase elsewhere. NOAA will work with ODFW to create a list of highest and lowest priority spill for the Willamette during different times of the year to help reduce TDG. Scullion will send out a No Load Spill Document that may be helpful.***
4. **Updates** 
   1. HMT Updates
      1. North Santiam
      2. South Santiam
      3. McKenzie
      4. Middle Fork
   2. HGMP updates
   3. Research/FPT updates
   4. Water Quality Updates
   5. Flow update
   6. BPA updates
   7. Cougar Fish Facility
   8. Fall Creek Fish Facility
5. **Coordination/Notification forms (need concurrence/discussion)**
   1. 17BCL05 MFR Big Cliff ramp rate
   2. 17BCL06 MFR minimum flow ramp rate
   3. 17DET03 MFR temperature decrease

1. **Fish Operations Plan:** WFOP homepage: [http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/Willamette\_Coordination/WFOP/](http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/Willamette_Coordination/WFOP/%20)
   1. Status of the 2017 WFOP
   2. Change forms
2. **Task Group Updates.**
   1. Hatchery Management Team
   2. Summer Steelhead (Traylor/Taylor)
   3. SWIFT, Flow task group (Piaskowski)