CENWP-OD 26 August 2014

MEMORANDUM FOR THE RECORD

Subject: DRAFT minutes for the 26 August 2014 Willamette FPT meeting.

The meeting was held at NWP, 300 Block building, Portland Oregon. In attendance:

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| **Last** | **First** | **Agency** | **Phone number** |
| Ament | Jeff | NWP | 503-808-4713 |
| Askelson | Sean | NWP |  |
| Burchfield | Stephanie | NOAA Fisheries | 503-736-4720 |
| Garletts | Doug | NWP-WVP | 541-937-2131 x147 |
| Griffith | Dave | NWP | 503-808-4773 |
| Jundt | Melissa | NOAA Fisheries | 503-231-2187 |
| Khan | Fenton | NWP | 503-808-4777 |
| Mackey | Tammy | NWP | 503-961-5733 |
| Monzyk | Fred | ODFW |  |
| Phillips | Marie | NWP | 503-808-4812 |
| Ruff | Jim | NWPPC |  |
| Schwabe | Lawrence | CTGR |  |
| Scott | Shane | NWRP |  |
| Spear | Dan | BPA |  |
| Traylor | Andy | NWP |  |
| Wertheimer | Bob | NWP | 503-808-4774 |
| Wills | David | USFWS | 360-604-2500 |

Garletts, Monzyk, Ruff, Scott, Schwabe, and Spear called in.

1. **Final results/decisions from this meeting.** No final decisions made.
2. All documents may be found at <http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/Willamette_Coordination/Willamette%20FPT/>
3. **Action Items.** 
   1. **[Jul 14] DET Temp/DSP. ACTION:** Ament will send out a packet of information to the FPT when it becomes available. FPT will have a discussion at a later meeting. STATUS: carryover to next month.
   2. **[Jul 14] Detroit steelhead releases. ACTION:** Wertheimer will discuss with Friesen and bring a proposal back to FPT. ***STATUS: completed.***
   3. **[Jul 14] Mods for Minto and Foster. ACTION:** Griffith will send out a list of proposed mods for the two facilities. Status: carry over.
   4. **[Aug 14] FCR AFF. ACTION:** Griffith will check with Lightner and Leonhardt about getting this issue buttoned up.
   5. **[Aug 14] FOS AFF.** Burchfield said Ed Meyer had some suggestions but she couldn’t remember them off the top of her head. **ACTION:** Griffith will follow up with Meyer.
   6. **[Aug 14] High head by-pass.** Jundt said it would be helpful to clarify how the proposed bypass is different than a criteria by-pass. **ACTION:** Phillips said the team can look at adding a table showing the criteria and which are or are not being met.
   7. **[Aug 14] HHBP.** Burchfield asked NWP to lay out what the steps are and how long the process will take. Ament suggested the path forward is dependent on results. Burchfield said a biologist can write up such plans. At this point Ament suggested Khan could write it up and Wertheimer said a simple flow chart could be drafted. **ACTION:** Khan will write this all up. ***STATUS: this will be in the 90% EDR coming out for WATER review in Sept/Oct.***
   8. **[Aug 14]Adult Outplanting.** Traylor is working on a standardized spreadsheet for reporting adult numbers. **ACTION:** Traylor will provide a draft for review by mid September.
   9. **[Aug 14]Outplanting at Cougar.** Griffith asked about outplanting females at Cougar. Garletts said only repeat offenders are double floy tagged and taken upstream. **ACTION:** Griffith will contact ODFW and find out if outplanting protocols are different for 2014 than last year.
4. **PDT Updates.** 
   1. CGR DSP. Agenda item for September. Will discuss model assumptions with the team for a run-of-river alternative that the Corps is adding to the SLAM modeling. Burchfield asked about when NWP will be moving forward with getting the draft COP done. She thought the Corps should be beyond dropping the low-end alternatives (those that didn’t meet spawner replacement) and selecting preferred alternatives. Griffith said he isn’t sure when the COP team is going to share their results, but he felt the Cougar team could move forward. **ACTION**: Griffith will bring proposal for how to measure/describe “replacement” for discussion at the Sept meeting.
   2. PFFC. Trying to order and install a larger crane. The current one is picking loads exceeding its capacity. New crane should be on order by end of FY and installed in FY15. New anchor position design nearly complete. Ruff asked where re-positioning with relocate the PFFC. Griffith said the goal is to have it re-aligned and re-located to within 50’ of the tower. Other hydraulic issues are being worked on with HDR and hopefully will be complete in time for the spring study season. RM&E will need to discuss what studies to prioritize. Burchfield asked for updated catch numbers for the PFFC. Griff said he will get them, but that it’s a really low number.
   3. DET Temp/DSP. Would like to get information to the team sooner rather than later. Looking at review of FSO alternative development in September/October 2014. Some concerns about installing the SWS if it is attached to the dam. Seismically it could cause concerns so looking at making the SWS as a stand-alone structure. Having the contractor look at independent mooring of the floating structure. Ruff asked if the FSO would be attached or near the SWS. Ament said the FSO would likely be over by the spillway but if there was a reason to put it in front of the powerhouse, it could be an option. Right now it is more cost effective it put it on the south side of the spillway.
   4. FOS DSP. Khan said the 30% EDR will be available later than October and may not be out until December. Wills asked how long the EDR will take. Griffith and Khan apologized for the delays. They said this PDT is moving a lot slower than most others. Burchfield noted that this has been a lower priority because the NMFS’ RPA doesn’t specifically require a fish passage structure at Foster but assumed that an operational solution might suffice . Griffith said if the preferred alternative from the EDR is an operational one, then there isn’t a lot of design work.
   5. MFW Temp/DSP. Follow up meeting coming up in September to discuss temperature targets for downstream of Dexter. The PDT would like to have a more lengthy discussion at the September or October FPT meeting.
   6. DEX AFF. Responses to 90% comments are written up and close to being finalized by late August. DDR will be ready by the end of the FY.
   7. FCR AFF. Still pursuing closing the loop with NOAA Fisheries on the screening issues. NWP is pursuing SLOPES coverage. Kris Lightner is working on the issue and has suggested that this isn’t a rush so this is still an Action Item. **ACTION:** Griffith will check with Lightner and Leonhardt about getting this issue buttoned up. Should still be able to meet the schedule with SHPO. Water supply will be completed in FY15 and the rest of the facility will be awarded in FY16.
   8. FOS AFF. Warm water out of the spill weirs appears to be causing adult Chinook to hold up in the tailrace rather than enter the trap. It appears there may be a temperature issue instead of a hydraulic issue. Khan said the spill weirs were closed and the fish still didn’t enter the AFF. Griffith said there is a side entrance that has cavitation issues but that will be corrected this winter. Burchfield said Ed Meyer had some suggestions but she couldn’t remember them off the top of her head. **ACTION:** Griffith will follow up with Meyer. Wertheimer asked if temperatures in the ladder are being recorded and reported in a place stakeholders could access. At this time, it is not available but Griffith said it might be something that could be added to the teacup page.
   9. MINTO AFF. Slayden came back at 10 times the government estimate so these mods will need to be put out to competitive bid. Some of the items may be handled by WVP.
   10. HHBP. To be discussed later. 90% EDR is out for internal review and should be available to FPT in mid-September.
5. **High Head Bypass in-depth.** Phillips gave a .ppt presentation. Spear asked about the viability of using the outlet (test conduit). Khan said this is theoretical at this time. Jundt asked if NWP didn’t just say that the dam would have to be upgraded if anything is attached to it. Ament said no. If something can be attached without changing seismic loads, then the trigger for upgrading may not be met. The 90% EDR will be available in mid-September however the test plan is still being developed. Khan suggested the test plan may be available in December. Jundt said it would be helpful to clarify how the proposed bypass is different than a criteria by-pass. **ACTION:** Phillips said the team can look at adding a table showing the criteria and which are or are not being met. Griffith said NWP will work closely with NOAA Fisheries to make sure this project meets both agencies’ needs.
   1. Burchfield asked if the spring study plan will be given to the RME Team for review. Khan said it will be given to FPT for review, and the reason it isn’t going through the RM&E route is because of the schedule and funding. Burchfield suggested that the biological study at Green Peter should be reviewed and prioritized by the RME Team just like all the other CRFM funded studies. Since the Corps doesn’t have enough funds to cover all RME needs, this study should not be outside the prioritization process. Jundt said her main concern was having an opportunity to review and comment. Wertheimer said the Steering Team is responsible for prioritizing funds at the program level, and this study and PDT process can be prioritized through that process.
   2. Ruff asked if the data collected at Green Peter will be applicable at other dams. It was determined that yes, it will be applicable.
   3. Jundt suggested NWP is looking for cheapest cost to move fish downstream. Griffith said right now this isn’t penciling out that way, because the high head bypass pipe capital costs are more than O&M costs of a trap and haul alternative.. Jundt said there is a balancing and in her opinion, there may be residual mortality from passing fish through two projects instead of through one and around the other. There was more discussion about the purpose of the concepts and tests. Ament said the team is just looking to see what might be possible. Burchfield said that is fine but NOAA Fisheries had already agreed that downstream passage facilities with trap and haul as a first stepand possibly adding a volitional bypass later. Ament said this high head bypass work isn’t hindering the downstream passage team. He also noted that building a trap and haul facility leads to near permanent trap and haul operation. Ruff noted that trap and haul is a lot of handling. Wertheimer added that one of the lessons from the FCRPS was to keep fish in the river. Density is significantly greater with transportation when compared with in-river passage.
   4. Jundt asked why the biological study does not include delayed effects? Khan said the first goal is to figure out if fish can be passed safely with all the challenges related to passage through the dams. Griffith said the test plan is cost effective and noted that it would be pointless to find out fish can’t make it safely through the dam but we tagged them with expensive JSATS tags. Once we find fish pass safely, then fish can be tagged with more expensive JSATS tags to find out the delayed effects. Jundt expressed concerns about the results going into the Fish Benefits Workbook model. Khan and Ament said this information isn’t going into the model. Khan said the results are not feeding into any model. The results are filling data gaps for the HHBP team. Jundt expects all of this discussion to be included in the 90%. Ament said the team isn’t looking too far out in the future because these data needs must be met before figuring the next step. Ament suggested Jundt add language during the 90% review to make sure her concerns are addressed. Burchfield asked NWP to lay out what the steps are for getting downstream passage and how long the process will take. Ament suggested the path forward is dependent on results. Burchfield said a biologist can write up such plans. At this point Ament suggested Khan could write it up and Wertheimer said a simple flow chart could be drafted. **ACTION:** Khan will write this all up.
6. **Adult Passage Updates.** 
   1. Traylor will be tasked with developing a standardized spreadsheet for fish counts. Griffith asked what information would be useful. Species, age, sex, origin, etc. Burchfield suggested starting with adult traps and detailing the disposition of those fish. **ACTION:** Traylor will provide a draft for review by mid September.

Garletts reported on 2014 spring Chinook returns to the following facilities:

* 1. Fall Creek adult facility. 454 Chinook spawners. Unmarked = 222 female; 221 male; 5 jacks. Marked = 2 female; 4 male; 0 jacks. Steelhead = 41 winter passed above and 42 summer floy tagged and released downstream. Steelhead released upstream may be caught as trout (allowed by the reservoir fishing regulations).
  2. Cougar adult facility. 121 Chinook spawners. Unmarked = 49 females and 67 males. Marked = 4 females and 1 male. Five summer steelhead. Five bull trout. Griffith asked about outplanting females at Cougar. Garletts said only repeat offenders are double floy tagged and taken upstream. **ACTION:** Griffith will contact ODFW and find out if outplanting protocols are different for 2014 than last year.
  3. McKenzie Hatchery returns: 1713 chinook. 1009 males and 704 females.
  4. Leaburg ladder counts. 1000 Chinook. 800 unmarked and 200 marked.

1. **Foster DSP.** Not discussed at this time. Will be moved to a later meeting.
2. **Next month agenda.**
   1. Cougar – sharing assumptions and results of the run of river FBW model run.
   2. Cougar – replacement metrics.
   3. Foster DSP.
   4. Meeting at ODFW from 0930 – 1500 on 30 September.