CENWP-OD 6 June 2017

MEMORANDUM FOR THE RECORD

Subject: Draft meeting notes for the 06 June 2017 Willamette Fish Facility Design Group meeting.

The meeting was held in the Willamette Room in NWP Headquarters at Block 300. In attendance:

|  |  |  |  |
| --- | --- | --- | --- |
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On the phone: Garletts, Helms, Hudson, Kirkendall, Kovalchuk, Loffink, Pierce, Meyers, Monzyk, Richards, Spear, Walker, Wells and Ziller

Meeting Purpose:

Review status of projects, Detroit Temperature Tower DDR review schedule, Fall Creek Fish Facility Construction – fish ladder ops in 2018.

1. May meeting notes were not approved. WFFDWG members were given additional time for review. Comments are accepted until 9 June.
2. Current project status:
   1. Detroit – The Detroit project is very busy working both Temp control and DS passage concurrently.
      1. The 90% EDR comments are being addressed by the PDT.
      2. The 30% Temp Control DDR – The PDT had originally suggested that no formal review of the 30% DDR, as it contained limited new information from what the 30% previously reviewed a few years back. The main data item with regional interest is the temperature modelling data, which has not yet been refined. That temperature modeling is being redone and in the coming months it will be presented at a WFFDWG meeting for review, and at that time WFFDWG can determine if the revised 30% is worth reviewing in conjunction with the new temperature modeling data, or if we wait for the 60% DDR Review. PDT expects to release 60% DDR for review in Nov 2017.
      3. The PDT is still working to get the A-E contract in-place for the FSS DDR.
      4. The PDT is making some progress on the alignments of the total river flows, of that what amount can be taken from the surface and how those line up with the fish passage windows. When this data pulled together, it will be presented at an upcoming WFFDWG meeting. PDT expects to present this info at the August meeting. Burchfield and Ziller agreed that this data along with the temperature modeling data will influence the DS passage design.
   2. Foster Fish Weir– The contracting office is preparing to get the bid package out this summer. The project is on schedule for 1 March installation and operation. The RME team studies for FY18 include evaluation of that new weir which will be starting in March 2018.
   3. Fall Creek Adult Fish Facility Construction– The project is on-going. The pipe lining contract went out for advertising and the goal is to award by the end of September. The MOC was approved in WFPOM for 2018 coordination. The pipe lining will start in October 2018 and should be done by Mid-Feb 2019 so the contractors do not overlap.
3. Review Draft Fish Facility DDR 30/60/90% milestones outline [Handout] – This document explains what the general expectations should be with each milestone. Naval architecture was omitted from the list and would be lumped in with structural.
   1. The 30% DDR is focused on biology, hydraulics and geotechnical issues. Some elements are originally addressed in the EDR and just brought over the DDR. The preliminary sketches from the EDR are now starting to get more details with a 3-D model. Fortuny noted that not all DDR reports have all these items since all projects are different.
   2. The 60% DDR focus is more on the structure, naval architecture, electrical and mechanical. Hydraulic designing should be done by 60%. Depending on team, the physical modeling should be done for the 60%.
   3. The 90% DDR is the finalizing of all the calculations and details. Electrical and mechanical items are focused on. Between the 60 to 90% is when the construction and real estate sections enter the picture.
   4. Kelly Janes, Corps, discussed NEPA and ESA compliance work as part of the Cougar FSS project. Most of her work begins at the 60% design stage, and she is considering effects of construction staging. She will follow up with Mike Hudson and Stephanie Burchfield to discuss NEPA and ESA issues.
4. Cougar FSS status – The PDT just finished the 30% Distric Quality Control (DQC) review and are addressing the comments received. It should be out for agency review in early July.
5. June 26th Cougar FSS workshop – The workshop will be held on June 26th in the Fireside Room to avoid the security check point. Tarbox presented the four elements in the 30% that will be discussed at the workshop - configuration, mooring, fish transport and crew access. Each element will have several alternatives or options. The workshop will not include items like the hopper location or screen location because it is later in the process after the FSS location has been determined. Tarbox described different configurations of the FSS that will be discussed at the Workshop. The package of documents with matrixes and diagrams will be sent in the read ahead documents. The sooner the better for distributing the documents so people have time to read them. The documents still need an internal review first. ODFW has staffing limitations for June 26th. The PDT is trying to lay out a series of decision matrix by which criteria will be? addressed at the workshop. This workshop will be part of the basis for the 60% DDR report due out in September. The PDT team has narrowed down the alternatives to these four but other ideas can be discussed. The PDT direction is an FSS with truck transport; the workshop will be not looking at any volitional passage. Managers have not directed the PDT to consider volitional passage at this time.
6. Next Steps
   1. June 26th Cougar FSS workshop, Block 300
   2. Next WFFDWG July 11th, NMFS office