

MEMORANDUM FOR RECORD

SUBJECT: Bradford Island Technical Advisory Group Meeting Minutes, 20 Sep 06

1. Attendees: Mark Dasso, USACE; Mike Gross, USACE; Carolyn Schneider, USACE; Jeff Hurt, USACE; John Wakeman, USACE (by phone); Jennifer Sutter, DEQ; Jeff Wallace, URS; Chris Moody, URS; Bill Winter, URS; Jeff Lockwood, NMFS; Jeremy Buck, USFWS (by phone); Patti Howard, CRITFC; Ryan Sudbury, Nez Perce Tribe.
2. Meeting Location: URS Portland, Grand Ronde Room.
3. After attendees were introduced, Mark Dasso opened the meeting with a brief summary of the goals for the day's meeting. We had intended to talk more about the RI Work Plan, but it is in internal review and being redrafted. It may be the beginning of the calendar year before it is available to the TAG.
4. John Wakeman stated that minutes from the prior meeting were posted last week. If anyone has comments please provide them as soon as possible.
5. Jeff Hurt provided an update on fish sampling efforts. Total fish caught to date include: 16 sculpin, 33 crayfish, 5 large scale suckers, 34 peamouth chub, 17 smallmouth bass, zero walleye, 5 pikeminnow. All are frozen and stored on site. USACE provided maps showing where fish were caught. All fish shown caught at the north end of the spillway were collected in the forebay of the second powerhouse by the juvenile bypass system. The QAPP for analysis will be in the RIWP.
6. The 95% design for the in water removal action is out for all to comment. If agencies are to comment, comments are requested by COB 22 Sep. The 100% Design will be done in Oct 06. The BA is currently in internal review stage. Jeff Lockwood noted that the stellar sea lions have been seen above the dam so we should ensure the MMPA is addressed. Steller Sea Lions will need to be added to the BA because they are threatened under ESA. It currently is not in the draft BA.
7. Bill Winter discussed the design. Schedule has changed to Oct 07 implementation. There is schedule float now between the approval of the Remedial Action Management Plan (RAMP) and mobilization. The design concept remains the same, removal area is the same. Diver assisted hydraulic dredging using dewatering boxes rather than one large settling basin. American Underwater Services is the designated diving sub. Availability of dewatering boxes appears to be the determining factor over the number of boxes to be used. The number of boxes used will be determined in the RAMP. The settling basin will be watertight as will the entire barge. If boxes are used, the fewest practical to use will be 5. Can be run continuous or batch. Can dredge 16 hours continuously. Bulk settling area to be decontaminated once at the end of the construction. After free water has been removed, a bobcat will be used to transload residual solids into a drop box. All of the decon water will go through sand filters.

8. Questions were raised about the WQ monitoring. There is one "mixing zone" for WQ monitoring with turbidity measured 300 ft downstream. The Corps has agreed in principle with DEQ WQ on monitoring. Sand filter media will be disposed with the sediment wastes.
9. Jeremy Buck stated concern about excess dissolved PCB releases with the discharged water. He asked, is there sufficient organic matter present in the dredged material and sand filter to sequester the PCB and keep it from being soluble? He suggested carbon polishing as the most likely means to treat for this. There was discussion whether the results of the design data gasp sampling results (the Modified Elutriate Test) detection limits were low enough. They were well above chronic criteria, as determined in discussions with DEQ Water Quality Section. Some TAG members wondered whether chronic criteria should be used as the compliance measure. (This has not been the value selected by the Water Quality Section.) Jeff Lockwood said Lyndall Johnson had asked whether real time PCB measurements were possible. USACE/URS said they are not. Jeff asked what level of PCBs were in the water column. USACE has used 3 "worst case" measurements to determine that to this point USACE did not feel dissolved PCBs were an issue. 1) Elutriate test, 2) Simulation where sediments were stirred up prior to 2002 equipment removal, 3) samples collected in the turbidity plume during dredging.
10. Jeremy Buck said he is not as concerned with the point of dredging impacts (based on MET results) as he is with the discharge being protective of endangered species. There is a need to be succinct in the BA and consistent in the units of measure. Lyndall Johnson did not comment on the design analysis because it contained insufficient information.
11. The RAMP will describe the logistics to meet the design.
12. A discussion of water quality monitoring turned to the XAD resin, which will be used as a second check on SPMD results and measure the concentration to the water column. XAD will be measured on site and at a reference station. SPMDs will be deployed in six stations, pulling samples every two weeks.
13. Jeremy asked if SPMDs would be spiked with reference compounds. USACE/URS said yes. Kim Anderson at OSU had some concerns with biofouling of SPMDs.
14. Patti Howard and DEQ requested daily updates during the dredging. USACE said that daily QA reports are made and could be made available to interested parties. Jennifer Sutter raised the DEQ concern to do shoreline cleanup before the in-water work begins. This was discussed in depth later in the meeting.
15. If turbidity is exceeded the contractor will stop or modify his processes.
16. The BA is one week from being ready to send to agencies. USACE currently acknowledged the need to add info on sea lions to this document. Jeff Lockwood encouraged the Corps to get the document to his agency as soon as possible. There is no critical sea lion habitat at the project. He requested we look at dredging BOs to determine conditions which might be placed on the project, asked that we include monitoring components in the BA, and resolve any state requirements over the XAD data. He is concerned about tugs operating where they can disturb sediments.

17. Other Topics. Since the dredging is moved to Oct 07, some additional work may be accomplished in FY07. USACE is planning its FY07 workload to include bulb slope work. USACE will award a task order to direct URS to prepare a Tech Memo to evaluate source control issues at the Landfill, bulb slope, and sandblast area. Suggestions were to use Portland Harbor model as a go-by. Potential need for source control interim actions on the shoreline to be identified in the TM. After award in the fall, it could be completed in 4-6 weeks.
18. Tribal update. All actions are happening at tribal government level after our last TAG meeting. HQUSACE and congressional staff are working on a future authority to pay tribes.
19. RIFS Management Plan. This was scheduled for TAG review in August 06, but during internal technical review there were concerns raised that will be resolved during a tech review conference in October (now November). Concerns are from a legal, and risk assessment nature. Jeremy Buck wanted to be sure pre-removal tissue sampling was in the RI Management Plan. It will be in the QAPP that parallels the Management Plan . Post removal tissue is planned for the RI as well.
20. The next TAG is 15 November 06.