

Meeting Record: Bradford Island

Subject: **Technical Advisory Group Meeting**

Date of Meeting: 12/6/2005

Location of Meeting: Executive Conference Room, Portland District, Portland, OR

1. Participants:

Corps and Consultants to Corps (URS):

Jeff Hurt	Mike Gross	Carolyn Schneider
Kathryn Carpenter	John Wakeman	Dennis Schwartz
Chris Moody, URS	Jeff Wallace, URS	Heather Loso URS (phone)

Agency/Tribal Members:

Bob Schwartz, ODEQ	Jennifer Sutter, ODEQ	Dave Stone, ODHS
Rose Owens, ODFW	Patti Howard, CRITFC	Jeremy Buck, US FWS

2. Discussions

a. Introductions, Purpose and Agenda (Jeff Hurt)

This meeting was just prior to the release (in late December) of the In-water EE/CA. Some conversations relate to that document, as yet unseen by the TAG members.

b. Topics

- ❖ Summary of 10/11/2005 TAG Meeting
- ❖ ODEQ Priorities
- ❖ Summary of Region 10 Presentation on 11/29/2005; presentation of site information and EE/CA approach
- ❖ Pending document review schedule
- ❖ Fish Advisory Sampling Update
- ❖ Constraints on Fish, Shellfish, and Sediment Collection Due to Spill
- ❖ Risk Formulation Process
  - Conceptual Site Model Presentation
  - Discussion of Ecological Endpoints and Toxicity Benchmarks

3. Key Discussion Points

a. Presentation of site information.

- ❖ In-water EE/CA approach. Jennifer Sutter noted that sediment location 52-69 is outside of the actionable area defined as 1 mg/kg PCB, but is higher than 1 mg/kg.
  - The Corps acknowledges that this single sample is > 1 mg/kg; however, it is unclear at this stage whether a small addition (all samples around it were < 1 mg/kg) or an additional sample should occur to clarify this single point.

b. Data Gaps Discussion

- ❖ The Corps' committed to sampling clams and sediment during the RI.

- ❖ The archived clams had been destroyed because they were dessicated and unlikely to be representative. This had been discussed also at the 10/11/2005 meeting.
  - After the meeting, both Jeremy Buck and Patti Howard (who may have been absent for this part of the meeting) said that they were unhappy that this had occurred; they were looking for funding to run these clams themselves.
- ❖ Regarding seeps from the landfill area as they affect water quality.
  - Seepage meters were discussed; they may be used if upland monitoring suggests they are needed. .
  - Clearinghouse approach used in Portland Harbor may be useful; however, the question remains – what is the threshold for acceptance of no-effect? Is it a benthic or a water column endpoint? Paul Seidel suggested that a *Daphnia* test may be useful; however, that test is quite sensitive to TSS

c. Risk formulation

- ❖ The list of risk-screening benchmarks were reviewed and appear to be fairly complete. Paul Seidel said he would provide a spreadsheet to update the Bruce Hope calculations (2001 or so) that were never promulgated for benthic bioaccumulatives such as PCB. These values are To Be Considered screening values.
- ❖ Regarding filling data gaps downstream of dam, the following areas were discussed as possible sites
  - Hamilton Creek by hatchery
  - Robbins Island
  - Camas-Washougal
  - Beacon Rock State Park at RM 126(?)
- ❖ Data sets mentioned for existing upstream samples: Dalles samples taken by Ecology (Corbicula)
- ❖ Ecological endpoints were discussed.
  - It was suggested that carp be included for tribal health instead of pikeminnow
  - Pikeminnow of predatory size will be used for ecological endpoint
  - Mink instead of otter was suggested.
  - Eagle and Osprey, or eagle only were suggested. Osprey have site fidelity for part of year, but migrate for the other part.
  - No waterfowl are needed to be characterized
- ❖ Toxicological benchmarks for Eagle
  - NOEL or LOEL because it is an endangered species and individuals are being protected

4. Action Items/Future Meetings

- ❖ Distribute notes to the meeting

5. Next meeting. The following meeting dates were suggested.

January 17, 2006	Full TAG
January 31, 2006	Risk Breakout Session
February 22, 2006	Full TAG ( <i>This is the <b>corrected</b> date; we proposed 2/14 at the TAG meeting, but it had to be changed.</i> )
March 10, 2006	Tentative Risk Breakout Session
May 15, 2006	Tentative Full TAG, review of RI/FS Work Plan
June 13, 2006	Tentative Full TAG, RI/FS Work Plan and 60% Design of Non-Time Critical Removal Action