# TAG Meeting Minutes

US Army Corps of Engineers ®
Portland District

| | |
|---|---|
| **Date:** | 2 December 2019, 2:00 to 3:00 pm, Teleconference |
| **Project:** | Bradford Island |
| **Subject:** | Technical Advisory Group Meeting Minutes |
| **Prepared By:** | USACE |

| AGENCY | ATTENDEES |
|---|---|
| USACE | Chris Budai, Dan Carlson, Kristen Kerns, Bill Gardiner, Jeff Matson |
| Oregon Dept. of Environmental Quality (DEQ) | Bob Schwarz, Jennifer Peterson, Mike Poulsen |
| Yakama Nation Fisheries (YNF) | Laura Shira, |
| WA Department of Ecology | Pete Striplin, Rebecca Lawson |
| Bonneville Power Admin. (BPA) | (not represented) |
| US Fish and Wildlife Service (USFWS) | (not represented) |
| Nez Perce | (not represented) |
| Oregon Health Authority | (not represented) |
| US Environmental Protection Agency (EPA) | (not represented) |

1. Geophysical Survey Update
    a. Contract was awarded at the end of last year to North Wind Resource Consulting, LLC. Work has been delayed till the spring due to the need for vegetation and equipment clearing to occur first.
    b. Yakama Nation requested notification when survey work is scheduled.
2. Stormwater
    a. Have captured samples from two storms (October 16th and November 15th) since the last TAG meeting and both qualified as first flush. Field reports will be distributed once finalized. Awaiting analytical results from the October and November storms; no schedule yet on validation of data.
    b. One event sample left to collect.
3. Passive Sampling
    a. Review comments requested within a 4-week review period for the Draft QAPP (due on 30 December 2019). USACE will not be able to provide response to comments but comments will be considered for incorporation.
        i. Number of congeners being analyzed, as per the draft QAPP sent to TAG this morning, is 45; this is a change from the 36 originally proposed.
        ii. Photos of the design of the sampler is included in the QAPP appendix.

iii. Increased size of steel balls from 1 inch to 1.5 to 2 inches to provide better contact between sampler and substrate.
iv. Number of samplers being deployed is 163 at the sediment-water interface and 5 in the water column.
v. Plan is to deploy samplers in January for 30 days and then retrieve samplers in February.
vi. Contingency sampling locations are included on the sampling location map. Spacing requirements from the Work Plan are met.
vii. Details on the temperature sensors are included in the QAPP.
viii. Statistical analysis to be used is 10x90UCL for ID of source areas and kriging. Additional details will be added to the final version of the QAPP for this section, including for the kriging.
ix. USACE hopes to know by the end of the December if funding for passive sampling will be available.

4. Initial TAG Comments on the QAPP
    a. ODEQ commented on the 10x90UCL justification that cites ODEQ rule. 10x is on the DEQ acceptable risk limit not the exposure point concentration. USACE will update the justification and strike the text citing the ODEQ rule. ODEQ may propose a preferred statistical approach when they provide written comments for the QAPP.
    b. ODEQ commented that the western limit of the proposed sampling points does not extend further west. For safety reasons sampling locations cannot occur any further west due to the fish intake.
    c. ODEQ commented that clarification is needed as to which PRCs will be used. USACE will coordinate with Texas Tech and clarify this in the final QAPP.
5. Other Items
    a. Next TAG meeting was initially scheduled for 12/26. The meeting will be rescheduled for 1/6 from 2-3pm.

*Note – Meeting minutes were created by USACE, without additional TAG revision.