



Conference Call Action Items

Aquatic Settlement Work Group

To: Aquatic SWG Parties

Date: August 10, 2017

From: John Ferguson, Chair (Anchor QEA, LLC)

Re: Final Action Items of the August 9, 2017 Aquatic SWG Conference Call

Below is a summary of Action Items from the Aquatic Settlement Work Group (SWG) meeting that was held by conference call on Wednesday, August 9, 2017, from 10:00 a.m. to 12:15 p.m. Attendees are listed in Attachment A. These action items include the following:

I. Summary of Action Items

1. Douglas PUD will provide Wells Dam turbine unit flow data and Rocky Reach Dam forebay and Wells Dam tailrace elevation data for review to Kristi Geris for distribution to the Aquatic SWG (Item VI-1).
2. Andrew Gingerich and Patrick Verhey will continue trying to locate and distribute a video of hydraulic model study results demonstrating how spill gate flow influences flow patterns in the Wells Dam tailrace, which was shared at a workshop around the time of relicensing (Item VI-1).
3. Aquatic SWG technical representatives will discuss with their respective Wells Habitat Conservation Plan (HCP) Coordinating Committee representatives Douglas PUD's intent to request during the HCP Coordinating Committees meeting on August 22, 2017, approval of reduced Wells Dam fishway entrance head differentials from the normal operating level of 1.5 feet, to a reduced operating level of 1.0 feet, from 17:00 to 00:59 daily during the remainder of the 2017 Pacific Lamprey migration season (through September 30, 2017; "lamprey operations"), similar to what was approved for the Douglas PUD 2013 Pacific Lamprey Study (Item VI-4).
4. Douglas PUD will distribute to the Wells HCP Coordinating Committee a request to implement reduced Wells Dam fishway entrance head differentials during the remainder of the 2017 Pacific Lamprey migration season (through September 30, 2017; lamprey operations) no later than 10 days prior to the HCP Coordinating Committees meeting on August 22, 2017, when Douglas PUD will request approval of the decision item (Item VI-4).
5. Douglas PUD will discuss with policy staff Aquatic SWG support for Pacific Lamprey translocation activities, as described under the Agreements section of these conference call

- minutes, and will provide confirmation of policy staff support of the agreement to Kristi Geris for distribution to the Aquatic SWG (Item VI-4).
6. Douglas PUD will provide an outline of actions Douglas PUD can undertake in 2017 that support Pacific Lamprey translocation efforts in 2017, to Kristi Geris for distribution to the Aquatic SWG (Item VI-4).
 7. Ralph Lampman (Yakama Nation [YN]) will review with Bob Rose Pacific Lamprey discussions, as vetted during the Aquatic SWG conference call on August 9, 2017 (Item VI-4).
 8. Ralph Lampman will request that Bob Rose provide his approval via email of the Aquatic SWG Agreement regarding Aquatic SWG support for Pacific Lamprey translocation, as described under the Agreements section of these conference call minutes (Item VI-4).
 9. Ralph Lampman will confirm dates and release locations for the 2017 Fall Methow Subbasin Adult Pacific Lamprey Release Plan, once those details are confirmed (Item VI-4).
 10. The YN will coordinate with Douglas PUD to solidify plans for translocating fish obtained from Priest Rapids Dam to locations upstream of Wells Dam in 2017 (Item VI-4).
 11. **The Aquatic SWG meeting on September 13, 2017, will be held by conference call (Item VII-1).**

II. Summary of Decisions

1. There were no decision items approved during today's conference call.

III. Agreements

1. Aquatic SWG members present support Pacific Lamprey translocation, beginning with translocating fish obtained from Priest Rapids Dam and lower Columbia River dams to locations upstream of Wells Dam in 2017. Translocation is needed due to uncertainty associated with interpreting studies of Pacific Lamprey passage behavior conducted under the Aquatic Settlement Agreement Pacific Lamprey Management Plan (ASA PLMP), if fish lack appropriate migration cues due to low abundance in the basin, and a lack of pheromone or other migration cues at Wells Dam (Item VI-4).
2. Aquatic SWG members present support ongoing, planned, and new studies under the ASA PLMP focused on Pacific Lamprey passage at Wells Dam that do not involve collecting and interpreting fish behavior data (Item VI-4).
3. Aquatic SWG members present support development of new studies under the ASA PLMP focused on Pacific Lamprey passage at Wells Dam that involve collecting and interpreting fish behavior data. These studies would be implemented based on future discussions and

decisions as to when Pacific Lamprey passage at Wells Dam and abundance in the basin have reached threshold levels for collecting and interpreting fish passage behavioral data (Item VI-4).

4. Aquatic SWG members present support Douglas PUD requesting from the Wells HCP Coordinating Committee approval to temporarily reduce the Wells Dam collection gallery head-differentials from the normal operating level of 1.5 feet, to a reduced operating level of 1.0 feet, from 17:00 to 00:59 daily during the remainder of the 2017 Pacific Lamprey migration (lamprey operations), similar to what was approved for the Douglas PUD 2013 Pacific Lamprey Study (Item VI-4).
5. Aquatic SWG members present agreed to cancel the in-person meeting at Douglas PUD Headquarters in East Wenatchee, Washington, on Tuesday, August 22, 2017, from 12:00 to 4:00 p.m. to discuss the proposed 2018 Douglas PUD Pacific Lamprey Study design matrix (Item VI-4).
6. Aquatic SWG members present agreed to add Steve Hemstrom (Chelan PUD) to the Aquatic SWG email distribution list (Item VI-5).

IV. Review Items

1. There are no items that are currently available for review.

V. Documents Finalized

1. There are no documents that have been recently finalized.

Attachment A – List of Attendees

Name	Role	Organization
John Ferguson	Aquatic SWG Chairman	Anchor QEA, LLC
Kristi Geris	Administration/Technical Support	Anchor QEA, LLC
Andrew Gingerich	Aquatic SWG Technical Representative	Douglas PUD
Chas Kyger	Technical Support	Douglas PUD
Steve Lewis	Aquatic SWG Technical Representative	U.S. Fish and Wildlife Service
Patrick Verhey	Aquatic SWG Technical Representative	Washington Department of Fish and Wildlife
Chad Jackson	Technical Support	Washington Department of Fish and Wildlife
Jason McLellan	Aquatic SWG Technical Representative	Colville Confederated Tribes
Ralph Lampman	Technical Support	Yakama Nation
Sean Goudy	Technical Support	Yakama Nation