



SUSITNA-WATANA HYDRO

Meeting Notes Fish and Aquatics Fish Passage Technical Workgroup Meeting #2 – Regular Update 3/20/2013

LOCATION: Teleconference

TIME: 10:00 am – 11:30 am (AKST)

SUBJECT: Fish Passage Technical Workgroup – Regular Update Teleconference

Goal: Opportunity for the Fish Passage Technical Workgroup to coordinate on any items prior to the next meeting

ON PHONE: Fish Passage TWG Attendees: MaryLouise Keefe R2, Dana Postlewait R2, Dan Turner R2, Ed Meyer NMFS, Dennis Dorratcague MWH, Catherine Berg USFWS, Stormy Haught ADF&G, Ed Zapel NHC, Graham Hill NHC, Jeff Davis ARRI, Betsy McGregor AEA, Bryan Carey AEA.

Other Attendees: Wayne Dyok AEA, Steve Padula McMillen, Kathryn Peltier McMillen, Justin Crowther AEA, Chuck Sensiba VNF, Leslie Jensen ARRI, Becky Long CSDA.

Materials and the agenda for today's meeting can be found at the Susitna Watana Hydro website (<http://www.susitna-watanahydro.org>). The purpose of these meeting notes is to capture any significant information not provided in the meeting materials. Following the text are tables capturing any active action items including unfinished items from previous meetings, decisions made, and topics for future discussion ("parking lot items").

After introductions, Steve Padula began the meeting by presenting the agenda and asking attendees if any modifications are necessary. None were requested.

Steve Padula explained that the 2/22/13 meeting notes had been posted days prior to today. Because of the limited review time, he proposed that attendees have another week to suggest edits. The protocol for providing meeting notes for review and edits by the Fish Passage TWG members in attendance was agreed as follows: Meeting notes will be distributed to Fish Passage TWG members in attendance for review within two weeks of the meeting by the note taker as a MSword file. Recipients will edit the review draft in track changes and send the file "reply all" to the original email. The note taker will compile all redlines into a single document and it will be posted to the Project website within two weeks from the original review draft being distributed.

Meeting notes will include a summary of action items, decisions made during the meeting, and parking lot items.

Tracking of action items was discussed. It was agreed that a running action item list would be maintained. A unique ID will be attributed to each action item, consisting of the date of the meeting and a sequential number; columns will be added to indicate the distribution method of the action and the status of the action item. An archive list will be created and populated with action items as they are completed.

Steve Padula presented the list of 2/22/13 meeting action items and decisions. While mentioning each item, the responsible party updated the group on that item's status. The items below are those which initiated further discussion.

02.22-01 Strategy Statement update

Wayne Dyok is awaiting Brian Bjorkquist's approval of the modified strategy statement. Wayne Dyok explained that fish passage is not specified in senate bill 42, but he has included language in the modified fish passage strategy statement to include AEA's fish passage responsibilities. Wayne Dyok expects this item to be completed by 3/31/13 and he agreed to distribute it to the fish passage group. The statement will be included in the Final Study Plan and the Initial Study Report (ISR).

02.22-02 Further define "retrofit"

The meaning of "retrofit" with respect to fish passage structures will be further defined in the Final Study Plan and ISR.

02.22-03 Meeting locations

Fish Passage TWG meetings will occur outside of Alaska (i.e. Washington or Portland, Oregon) if it is proven to be most cost efficient option for AEA. The next fish passage meeting (April 9th and 10th) will be located in Bellevue, WA at MWH's office, as indicated on today's meeting agenda. The location of future meetings will be determined based on cost and available facilities. WebEx will be provided for every meeting to accommodate participation by those who are unable to travel.

02.22-04 Data Needs Table additions

The Data Needs table includes suggestions from the 2/22/13 meeting. Additional comments to the table from the participants were due 3/8/13; no comments were provided. While additional comments can be received, these will not be flushed out in further detail in the 4/9-10/13 meeting materials to be distributed 3/26/13, as there is not sufficient time. Jeff Davis asked that reservoir effects on migration timing be included in the Data Needs table. Jeff Davis and Ed Zapel requested that reservoir effects on trophic cascade with respect to predatory lake trout be included in the table; Jeff Davis will provide detail clarifying this request to MaryLouise Keefe by 3/25/13. MaryLouise Keefe referenced the entrainment study and the predators item already included in the Data Needs table. Ed Zapel requested the citations for literature being reviewed for the biological needs be listed.

02.22-07 Meeting protocol

On 3/8/2013 Kathryn Peltier distributed an email summarizing the meeting protocol from the Preliminary Application Document (PAD). Further detail will be added and distributed to the group to clarify fish passage-specific protocols, as determined at this meeting (see above). Catherine Berg requested that she, ARRI (Jeff Davis) and NHC (Ed Zapel and Graham Hill) be included in the fish passage email list.

02.22-08 Follow-up with potential Fish Passage TWG members

Catherine Berg will follow-up with EPA and Wayne Dyok will contact FERC and Jan Konigsberg to determine their interest in participating in the Fish Passage TWG. Stormy Haught confirmed that he will represent ADF&G.

02.22-09 High head dam expertise

Dana Postlewait, Dan Turner, Dennis Dorratcague, and MaryLouise Keefe had created a list of potential experts to participate in the first two fish passage workshops. The list was narrowed from 8 individuals to two; Dana Schmidt (biologist) and Chick Sweeney (engineer). Ed Meyer was expecting more than 2 individuals to supplement the brainstorming sessions, but he doesn't want to duplicate expertise/experience. MaryLouise Keefe will email Ed Meyer the resume of Dana Schmidt (Ed Meyer is familiar with Chick Sweeney's credentials). Ed Meyer will review Dana Schmidt's resume. Participation in the brainstorming session by additional high head dam experts will be determined by AEA Friday, 3/22/13. Wayne Dyok indicated that it would be possible to add experts if it was warranted following the April 9 and 10, 2013 meetings.

02.22-10 Schedule and Gantt chart

An updated schedule and Gantt chart were provided (available on the website) to assist in understanding the scope and upcoming events. The Gantt chart currently mimics the schedule provided in the Fish Passage RSP. As dates are finalized, updates will be provided.

02.22-11 List of Susitna River species and rationale when not a target species

Rationale for not including some Susitna River fish species as target species for fish passage will be provided in the Biological Data Needs table.

02.22-13 Biological Tool

Jeff Davis asked for clarification of what would be provided in the March 26th meeting materials pertaining to the biological spreadsheet tool. He asked if the spreadsheet with coefficients would be provided. R2 clarified that an example from a past project would be provided not the spreadsheet model. That the model would be built after the workshop. MaryLouise Keefe commented that the coefficients would be transparent in the model once the Project-specific model was developed.

The location and time of the April 9 and 10, 2013 workshop was discussed. The meeting will be located in Bellevue, WA at MWH's office from 8 am – 3 pm AKST (9 am – 4 pm PST). A draft agenda will be posted to the Susitna Watana Project website by COB 3/27/2013. As indicated in the 2/22/13 action items, the meeting materials will be posted 3/26/13. Betsy McGregor reminded attendees that some of the meeting materials are summaries of larger reports, such as the fish data synthesis report which is currently available on the Project website.



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ID	Action Item	Date	Responsibility	Distribution Method
03.20-01	Distribute MSWord document of 2/22/13 meeting notes to attendees for edits	3/20/13	KPeltier	Email
03.20-02	Create an archive list of completed action items	3/20/13	KPeltier	Email
03.20-03	Update communication protocol and distribute	3/22/13	KPeltier	Email
03.20-04	Distribute list of all Fish Passage team members	3/22/13	KPeltier	Email
03.20-05	Provide Ed Meyer with Dana Schmidt's resume	3/21/13	MKeefe	Email
03.20-06	Review Dana Schmidt's and Chick Sweeney's resumes as high head dam fish passage experts	3/22/13	EMeyer	Email
03.20-07	Add to applicable entrainment reference in the data needs table	3/26/13	MLKeefe	Data Needs Table
03.20-08	Include reservoir effects on migration timing in the data needs table	3/26/13	MKeefe	Data Needs Table
03.20-09	Provide MaryLouise Keefe with a detailed description regarding data needs of trophic cascade information	3/25/13	JDavis	Email, Data Needs Table
03.20-10	Distribute draft Agenda for April 9&10 Fish Passage Meeting	3/27/13	AEA	Website: Meeting Materials for April 9&10; Listserve email

ID	Decisions
03.20-01	Modify communications protocol to include delivery of draft review meeting notes to the Fish Passage TWG members in attendance in MSWord for their review/revisions.
03.20-02	At this time, AEA will approve two additional high-head dam experts to participate in the first FP TWG worksession and the brainstorming worksession.