

Columbia River Technical Management Team

July 27, 2016

Facilitator's Summary

Facilitator: Emily Plummer, Notes: Tory Hines, DS Consulting

The following Facilitator's Summary is intended to capture basic discussion, decisions and actions, as well as point out future actions or issues that may need further discussion at upcoming meetings. These notes are not intended to be the "record" of the meeting, only a reminder for TMT members.

SOR 2016-2 Termination of Transportation on August 1, 2016

Doug Baus, COE-NWD, reported that the Corps will not implement SOR 2016-2. Due to a change in scheduling on the construction of the juvenile fish bypass system at Lower Granite Dam, the fish screens will remain in place, making the termination of transport operation unnecessary. The Corps will continue transporting juvenile fish as described in the 2016 Fish Operations Plan.

Dworshak Dam Operations

Steve Hall, COE-NWW, reported that current water temperatures in the Snake River and Clearwater River are around 66 degrees Fahrenheit. Steve presented three water temperature comparisons from July 5-August 4. The first model showed a decrease in discharge from 12.0kcfs to 9.8kcfs starting at midnight on Friday, July 29th. The second model showed the same decrease in discharge, however, at midnight on Sunday, July 31st. The third model showed an increase in discharge to 12.5kcfs, followed by a decrease to 9.8kcfs.

Steve explained that the region needs to balance short term releases to make sure that there is sufficient water through August. If discharge is decreased to 9.8kcfs on July 31st, it will likely be able to be held until the end of August. If discharge is decreased at a later date, for example, Monday, August 1st, discharge will have to be decreased to 7.5kcfs for a few days towards the end of August. The Corps asked Salmon Managers for input on whether they should drop discharge on Friday or hold off until Monday. Salmon Managers caucused and reached consensus to maintain 12.0kcfs discharge out of Dworshak until midnight on Sunday, July 31st and drop down to full powerhouse.

- **ACTION:** The Corps will maintain 12.0kcfs out of Dworshak Dam until midnight on Sunday, July 31st then decrease discharge to 9.8kcfs beginning on Monday, August 1st.

The next TMT meeting will be a face-to-face meeting on August 3rd at 9:00am.

Columbia River Regional Forum
TECHNICAL MANAGEMENT TEAM OFFICIAL MINUTES

July 27, 2016
Minutes: Pat Vivian

1. Introduction

Representatives of the COE, Washington, Nez Perce Tribe, BPA, BOR, NOAA, Yakama Nation and others participated in today's TMT conference call. Doug Baus, COE, served as chair and Emily Plummer, DS Consulting, facilitated the meeting. These notes are an official record, not a verbatim transcript.

2. SOR 2016-2 – Termination of Transport on August 1

The SOR linked to today's agenda will not be implemented because the construction schedule for the Lower Granite juvenile bypass facility has been delayed, Baus reported. The justification for stopping juvenile transport on the lower Snake was juvenile bypass work and because the work has been delayed, the SOR is no longer valid. There were no questions in response to this announcement.

3. Dworshak Dam Operations

Water temperatures are hovering around 66 degrees F at the Lower Granite tailwater, well below the trigger for Dworshak temperature augmentation, Steve Hall, COE, reported. Water temperature modeling graphs linked to today's agenda show that temperatures have remained low.

To position the reservoir for drafting to 1535 ft elevation by end August, the COE has been considering whether to reduce Dworshak releases from 12 kcfs to 9.8 kcfs (full powerhouse) beginning either July 29 or 31 at midnight, as shown in attachment 3b to today's agenda. Any water released from Dworshak above full powerhouse after July 29 would mean having to cut back to 7.5 kcfs for a few days before August ends, Hall said.

The Salmon Managers took a break to discuss Dworshak operations. After caucusing, they agreed to the COE proposal to continue releasing 12 kcfs from Dworshak through Sunday. Dworshak releases will therefore be reduced to full powerhouse (9.8 kcfs) starting at midnight on Sunday, July 31. TMT will revisit Dworshak operations at its next meeting.

4. Next TMT Meeting

TMT will meet next in person on August 3.

Name	Affiliation
Doug Baus	COE
Laura Hamilton	COE
Julie Ammann	COE
Joel Fenolio	COE
Charles Morrill	Washington
Dave Statler	Nez Perce
Steve Hall	COE Walla Walla
Wayne Jousma	COE
Chris Runyon	BOR
Scott Bettin	BPA
Tony Norris	BPA
Paul Wagner	NOAA
Steve Burrell	COE
Mary Mellema	BOR
Scott Richards	Snohomish PUD
Tom Iverson	Yakama Nation
Margaret Filardo	FPC
Tory Hines	DSC
Russ Kiefer	Idaho