

COLUMBIA RIVER TECHNICAL MANAGEMENT TEAM

April 8, 2015

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.

Chum Spawning Operation

Paul Wagner, NOAA, reported on the chum spawning operation. He noted that it is coming up on the time to transition from the chum operation to spring operations. Doug Baus, COE-NWD, provided an update on the current operation as well as the upcoming forecast. He highlighted that as of 0600 hours on April 8th, Bonneville Dam outflows were at 204kcfs and tailwater elevation was holding at 17.5ft, 4.5ft above the current chum protection level. He noted that thus far April tailwater elevations have been consistently between 18.1-19ft and outflows have been between 217-234kcfs. RFC forecasts Bonneville will continue to experience high inflows: the 5 day forecast calls for 175kcfs and 10 day forecast is 180kcfs. Doug noted that because an earlier end was not coordinated through TMT, the chum operation will end on April 10th, when the spring spill season officially begins. This operation is consistent with previous years.

- ACTION: The chum operation will end on April 10th in conjunction with the beginning of the spring spill season.

Lower Granite Pool Maintenance

Steve Hall, USACE-Walla Walla, shared that there may be a SOR coming from the Port of Lewiston as a result of sediment impacts at marinas upstream of Lower Granite that became apparent when the project transitioned to MOP. These marinas are located at the upstream edge of the Lower Granite pool, where the river transitions to free flowing. The Port of Lewiston is expected to request an operation to raise the Lower Granite pool above the MOP range for a few hours in order to allow boats to exit marinas that are currently silted in when Lower Granite is at MOP. Steve noted that the sediment was not associated with the January/February 2015 dredging operations. If the Port of Lewiston submits an SOR for this operation, it will be brought to TMT for discussion.

The next TMT meeting will be a face to face meeting on April 15th at 9:00am.

Columbia River Regional Forum
TECHNICAL MANAGEMENT TEAM—OFFICIAL MINUTES

April 8, 2015
Minutes: Pat Vivian

1 Introduction

Today's TMT meeting was chaired by Doug Baus, COE, and facilitated by Emily Plummer, DS Consulting. Representatives of NOAA, Washington, Idaho, the Colville Tribe, BPA, COE, Oregon, BOR, Yakama Tribe, CRITFC/Umatilla Tribe and others participated. This summary is an official record of the proceedings, not a verbatim transcript. Steve Hall, COE, gave TMT a heads-up on Lower Granite operations (see agenda item 3 below).

2. Chum Spawning Operation

Paul Wagner, NOAA, and Doug Baus, COE, reported. Now is the time of year when Bonneville typically transitions from operating to a minimum tailwater elevation for chum spawning to operating for initiation of spring spill on April 10, including management of tailwater TDG levels to state water quality standards.

Bonneville Dam outflows were 204 kcfs at 0600 hours this morning with a resulting tailwater of 17.5 feet which is 4.5 feet above the minimum chum tailwater elevation of 13.0 feet. Today's outflows have been similar to outflows observed for the month that have ranged from 217 to 234 kcfs with a resulting tailwater range of 18.1 to 19.0 feet. Looking ahead the NWRFC forecast shows continued relatively high inflows. 5 days out (4/12) 175 kcfs and 10 days out (4/17) 180 kcfs. These forecasted high inflows will result in continued relatively high tailwater elevations.

Consistent with previous years' operations, the COE will end the Bonneville chum operation on April 10 when spring spill season begins on the lower Columbia since an end date prior to April 10 was not coordinated with the TMT. TMT members had no further questions or comments on the chum operation today.

3. Lower Granite Operation

Steve Hall told TMT about an emerging issue regarding Lower Granite pool operations. Access to two marinas where the reservoir turns into free-flowing river has been clogged by sediment that was not addressed during the COE's recent dredging of Lower Granite tailwater.

COE-NWW was informed that the Port of Lewiston, which operates two marinas near the confluence of the Snake and Clearwater rivers, might submit an SOR for a special operation to temporarily raise the tailwater elevation 1-2 ft above MOP in Lower

Granite pool. The goal of the SOR is to release recreational boats that have been trapped by accumulation of sediment in shallow entrances to the marinas.

The COE will inform the Ports that they need an SOR if a special operation is needed. The SOR will be brought to TMT for review before it is implemented. For various reasons, the marinas were not included in the COE's recent dredging efforts at Lower Granite.

Next TMT Meeting

TMT will meet next in person on April 15.

<i>Name</i>	<i>Affiliation</i>
Paul Wagner	NOAA
Charles Morrill	Washington
Russ Kiefer	Idaho
Sheri Sears	Colville
Tony Norris	BPA
Doug Baus	COE
Karl Kanbergs	COE
Erick Van Dyke	Oregon
Mary Mellema	BOR
Tory Hines	DSC
Laura Calvin	Oregon DEQ
Dave Benner	FPC
Tom Iverson	Yakama
Tina Lundell	COE
Steve Hall	COE Walla Walla
Michael Lang	CBB
Scott Bettin	BPA