

Tumalo Irrigation District

August 30, 2016

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Oregon Water Resources Department
Field Services Division
725 Summer Street NE, Suite A
Salem, OR 97301-1266

SEP 19 2016

SALEM, OR

RE: CW-37

Tumalo Irrigation District is requesting that OWRD issue a partial finalization order placing 1.03 cfs of conserved water into Tumalo Creek and 276.9 acre-ft in Crescent Lake. This conserved water is pursuant to the final order dated December 9, 2005 and recorded in Special Order Vol. 67 commencing at page 509.

This conserved water comes from the completion of Phase IV of the Tumalo Feed Canal Piping Project. As additional phases are piped, we will submit additional incremental finalization requests.

Construction of the pipeline was completed on July 31st, 2016.

The District delivers the water to landowners pursuant to water right Certificates nos. 74146 and 74148 issued by the State of Oregon (the "water rights"). The District has approved piping the un-piped section of the Tumalo Feed Canal for a distance of approximately six miles (32,617 feet) to the terminus point at Tumalo Reservoir (the "Project"). The Project will be constructed in multiple phases.

Phase IV of the Project consisted of piping the Tumalo Feed Canal from the end of Phase III, and then a distance of approximately 3,400 feet. It is anticipated that in subsequent phases of the Project, the remaining 3.65 miles of the Tumalo Feed Canal will be piped. The Project is expected to prevent up to 20 cubic feet per second ("cfs") in seepage loss from the canal. Once the entire project is piped, there will be a total flow of 20 cfs placed in-stream (both the combined in-stream Tumalo flow and the stored Crescent Lake).

The conserved water application that TID has submitted estimates the amount of water lost throughout the entire (nearly 6 mile) Tumalo Feed Canal Project. Due to funding constraints, TID is approaching the project in Phases. In order to secure funding, TID is requesting to finalize conserved water for each Phase. Tumalo Irrigation District believes that there is a large range of losses throughout the system. Without completing reach specific water loss measurements, it is difficult to identify how much water is lost in each reach. As a result, conserved water in Phase IV is a prorated portion of the remaining total loss of water. The total project length is approximately 32,470-feet.

Tumalo Irrigation District

- Phase I conserved 2.00 cfs in Tumalo Creek and 89.25 acre-ft in Crescent Lake (refer to OWRD CW-37 Special Order Volume 75, pages 202-206),
- Phase II conserved 0.82 CFS in Tumalo Creek and 222.41 acre-ft in Crescent Lake (refer to OWRD CW-37 Special Order Volume 87 Page 99-104) and
- Phase III conserved 1.23 cfs of conserved water into Tumalo Creek and 331.52 acre-ft in Crescent Lake. (refer to OWRD CW-37 Special Order Volume 91 Page 535)

During Phase IV approximately 3,400-feet of open canal was replaced with 3,400-feet of pipe. However, TID funded over 20% of Phase IV, and is currently looking for additional project funding source(s) to reimburse this portion of the project. As a result, 80% of the pro-rated water conserved by Phase IV will be protected in-stream at this time. It is the intent of TID to protect the remaining conserved water from Phase IV as additional public funding becomes available.

At this time, Tumalo would like to finalize Phase IV of CW-37 and conserve 1.03 cfs in Tumalo Creek and 276.9 acre-ft in Crescent Lake.

Sincerely,



Kenneth B Rieck
District Manager

CC Greg S Ciannella, Program Representative OWEB Region 4 – via e-mail
Kevin L. Crew P.E., Black Rock Consulting – via e-mail

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