

TECHNICAL MEMORANDUM

DATE: June 21, 2024
TO: Tule Lake Subbasin Groundwater Sustainability Agencies
PREPARED BY: Angela Bezzone, P.E.
SUBJECT: Tule Lake Subbasin Revised Groundwater Sustainability Plan

Summary of Revisions to Groundwater Sustainability Plan

The Tule Lake Subbasin Groundwater Sustainability Agencies (GSAs) submitted the Tule Lake Subbasin Groundwater Sustainability Plan (GSP) on January 31, 2022. The GSP has since been under review by the California Department of Water Resources (DWR). On January 18, 2024, DWR transmitted a letter (DWR Letter) to the GSAs which stated that the GSP was found to be “incomplete” and identified two corrective actions relative to minimum thresholds (MTs) established in the GSP.

In general, the corrective actions required establishing MTs at all representative monitoring wells based on static groundwater levels and further evaluating the potential for dewatered wells and impacts to potential groundwater dependent ecosystems (GDEs). At the direction of the GSAs, MBK Engineers and Tulelake Irrigation District GSA staff met with DWR staff four times to discuss the DWR Letter and the GSAs’ plan to address the corrective actions. These meetings are summarized below.

- January 31, 2024: Initial meeting and overview of logistics to revise GSP
- February 14, 2024: Consultation meeting to review corrective actions and verify understanding
- March 12, 2024: Overview of well completion report (WCR) research and MT evaluation approach
- April 18, 2024: Results of WCR research and potential MT updates; overview of approach to identify potential effects to domestic groundwater wells and GDEs

The corrective actions were addressed by performing additional analyses using data from DWR’s Well Completion Report Map Application and locations of assumed GDEs within the Subbasin. The approach to address the corrective actions, and results of the analyses, are summarized in Appendix M of the Revised GSP. As a result, several representative monitoring well MTs have been updated to better protect users and uses of groundwater within the Subbasin. Text throughout the Revised GSP has also been updated to reflect the information in Appendix M.

The Revised GSP will be submitted to DWR by the deadline of July 16, 2024 identified in the DWR Letter. The Revised GSP will be submitted in both a redline format to clearly identify changes made since the submittal of the GSP, and a clean version.

AB/kk

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