

**SOUTH DAVIS WATER DISTRICT
BOARD OF TRUSTEES WORK MEETING**

Wednesday, August 12, 2026

Location: District Office, 407 W 3100 S, Bountiful, UT

BOARD MEMBERS PRESENT:

Kathy Thurston, Chair
Ronald Mortensen, Trustee
Elaine Oaks, Trustee

DISTRICT STAFF PRESENT:

Jake Ferguson, General Manager
Tracie James, Clerk

1. CALL TO ORDER

Chair Kathy Thurston called the work meeting to order at 3:09 p.m. The purpose of the meeting was to review the Bountiful Sub-Aquifer Regional Hydrogeologic Assessment and discuss its findings, implications, and potential use in future regulatory and legislative discussions.

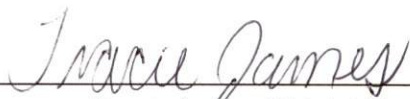
2. BOUNTIFUL SUB-AQUIFER REGIONAL HYDROGEOLOGIC ASSESSMENT

General Manager Jake Ferguson presented a 35-slide summary of the approximately 100-page regional assessment. The assessment covers the Bountiful Sub-Aquifer, generally extending from Centerville to North Salt Lake and serving more than 110,000 residents. Mr. Ferguson stated that the assessment compiles approximately 78 years of USGS research, along with more recent supporting information, to describe aquifer conditions, recharge sources, pumping impacts, salinity concerns, and land subsidence.

Mr. Ferguson reported that the assessment estimates total annual recharge at approximately 17,100 acre-feet. Approximately 9,700 acre-feet is estimated to be needed as freshwater outflow toward the Great Salt Lake to help maintain a protective freshwater barrier against saline intrusion. This leaves an estimated safe yield of approximately 7,400 acre-feet. Documented regional groundwater extraction of approximately 12,827 acre-feet per year exceeds this planning estimate, producing an estimated annual deficit of approximately 5,400 acre-feet. The Board discussed the decline in aquifer storage and groundwater elevations. Mr. Ferguson stated that available monitoring data indicates an average annual groundwater-level decline of more than one foot across the monitored aquifer area. The assessment estimates that a one-foot regional decline represents approximately 3,840 acre-feet of groundwater storage loss, with the observed weighted decline equivalent to approximately 5,300 acre-feet annually. Although some wet years temporarily improve groundwater levels, the Board noted that those gains have not been sustained under continued pumping, drought conditions, and declining recharge.

3. ADJOURNMENT

Chair Thurston adjourned the meeting at 4:24 p.m.



Tracie James, District Clerk