

**Metropolitan Domestic Water Improvement District
Board of Directors Meeting**

November 8, 2021

**Approval of the Professional Hydrogeological
Services for Ironwood Well Drilling**

Synopsis

The Board of Directors is requested to authorize Clear Creek Associates, LLC (Clear Creek) to perform professional hydrogeological services for the Ironwood Well Drilling and Testing Oversight under the Professional Services Agreement for Miscellaneous Water Resources Consulting Services.

Background

While evaluating the total dissolved solids (TDS) of the Northwest Recharge, Recovery, and Delivery System (NWRRDS), and the projected TDS contributions to the Herb Johnson reservoir, it was determined that an additional blending source of water would enhance NWRRDS utilization. Several locations were evaluated for a new well along the alignment of the NWRRDS Metro-only transmission main that could provide a low TDS supply of water prior to entry into the reservoir. A suitable location was identified and ownership negotiations for the property are ongoing. The property is on the northeast corner of the Ironwood Elementary school just south of Linda Vista Road.

Issues

In order to complete the installation and testing of the Ironwood well in Fiscal Year 2022, there is a reasonable likelihood that this work will overlap with the drilling and testing of the replacement well E&T-22A. Having certain aspects of both operations occurring simultaneously severely limits District's staff ability to adequately supervise the contracted work.

Staff requested a scope and fee estimate from Clear Creek, the District's on-call water resources consultant, for assistance with construction inspection and testing of the replacement well. Clear Creek provided a scope and fee estimate of \$99,838, which includes a 5% contingency. Clear Creek's scope assumes District staff will provide 30% of field oversight and inspection activities.

Funding for this project is contained in the Fiscal Year 2022 adopted budget within the Capital Improvement Program.

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Staff Recommendation

Staff recommends the Board of Directors approve using Clear Creek, under the Professional Services Agreement for Miscellaneous Water Resources Consulting Services, to perform hydrogeological program support for the Ironwood well drilling and testing for the not-to-exceed amount of \$99,838.

Suggested Motion

I move that the Board of Directors approve using Clear Creek Associates, LLC, under the Professional Services Agreement for Miscellaneous Water Resources Consulting Services, to perform hydrogeological program support for the Ironwood well drilling and testing for the not-to-exceed amount of \$99,838.

Respectfully submitted,

Wally Wilson
Water Resources Manager

I concur with the above recommendation.
Respectfully submitted,

Joseph Olsen, P.E.
General Manager