

# AGENDA STAFF REPORT

**MEETING NAME:** REGULAR BOARD MEETING

**MEETING DATE(S):** OCTOBER 13 & 17, 2022

**FROM:** ERIC WECK – ENGINEERING MANAGER

**FOR:** ACTION  X  DIRECTION \_\_\_\_\_ INFORMATION \_\_\_\_\_



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## PROFESSIONAL SERVICES AGREEMENT AMENDMENT WITH WEST YOST FOR HORTON WASTEWATER TREATMENT PLANT TECHNICAL REPORTS

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### STAFF RECOMMENDATION

Authorize the General Manager to negotiate and execute a professional services agreement amendment with West Yost to prepare a Total Dissolved Solids Impact Evaluation Work Plan and a Nitrogen Control Strategy Technical Report for the Horton Wastewater Treatment Plant for an amount not to exceed \$137,140.00.

### SUMMARY

On April 12, 2022, the Colorado River Basin Regional Water Quality Control Board (Regional Board) adopted new Waste Discharge Requirements for the Horton Wastewater Treatment Plant (Horton WWTP), Order R7-2022-0008 (Order). The Order requires that the District prepare and submit two technical reports for the Horton WWTP, a Total Dissolved Solids (TDS) Impact Evaluation Work Plan and a Nitrogen Control Strategy Technical Report.

The TDS Impact Evaluation Work Plan will include a summary of groundwater monitoring, a plan for determining a background concentration for TDS in the area of discharge, a determination of if wastewater discharged to the Horton WWTP evaporation/percolation ponds is causing or contributing to the increased TDS levels in the areal groundwater, and a plan to ensure that any proposed effluent limitation for TDS does not cause an exceedance of the receiving water limitations for groundwater.

The Nitrogen Control Strategy Technical Report will include a work plan to achieve an effluent limitation for total nitrogen of 10 mg/L or lower for treated wastewater discharged to the Horton WWTP evaporation/percolation ponds; and a schedule for any Horton WWTP improvement or other activities necessary to achieve the proposed effluent limitation.

### ANALYSIS

MSWD entered into a professional services agreement with West Yost on March 1, 2022, to complete a TDS Impact Evaluation Work Plan for the Regional Water Reclamation Facility leveraging the work completed to develop the Coachella Valley Salt and Nutrient Management Plan. The Work Plan and Technical Report to be completed under this amendment are similar in nature to West Yost's previous efforts completed for the Coachella Valley Salt and Nutrient Management Plan and MSWD.

### FISCAL IMPACT AND STRATEGIC PLAN IMPLEMENTATION

The cost for these services is limited to the approved budgeted items for outside services. Staff will continue to monitor and manage the use of the consultant to maintain acceptable levels of cost based on the needs presented.

### ATTACHMENTS

Attachment A - Professional Services Agreement Amendment, West Yost

Attachment B - West Yost Proposal: Total Dissolved Solids Impact Evaluation Work Plan

Attachment C - West Yost Proposal: Nitrogen Control Strategy Technical Report