

**AGENDA FOR A MEETING OF THE
ENGINEERING/EQUIPMENT COMMITTEE
OF THE VALLECITOS WATER DISTRICT
MONDAY, JULY 23, 2018 AT 3:00 P.M.
AT THE DISTRICT OFFICE
201 VALLECITOS DE ORO, SAN MARCOS, CALIFORNIA**

CALL TO ORDER - DIRECTOR HERNANDEZ

ITEM(S) FOR DISCUSSION

1. SOLAR FEASABILITY REPORT
2. VWD GROUNDWATER BASIN STUDY
3. AWARD OF ROCK SPRINGS SEWER PROJECT
4. STARGAZE PILOT PROJECT UPDATE

OTHER BUSINESS

PUBLIC COMMENT

Persons wishing to address a matter not on the Agenda may be heard at this time; however, no action will be taken until the matter is placed on a future agenda in accordance with Board policy. Public comments are limited to three minutes. A Request to Speak form is required to be submitted to the Executive Secretary prior to the start of the meeting, if possible. Public comment should start by stating name, address and topic. The Board is not permitted during this time to enter into a dialogue with the speaker.

If you have any disability which would require accommodation in order to enable you to participate in this meeting, please call the Executive Secretary at 760.744.0460 ext. 264 at least 48 hours prior to the meeting.

AFFIDAVIT OF POSTING

I, Diane Posvar, Executive Secretary of the Vallecitos Water District, hereby certify that I caused the posting of this Agenda in the outside display case at the District office, 201 Vallecitos de Oro, San Marcos, California by 5:00 p.m., Thursday, July 19, 2018.

Diane Posvar

DATE: JULY 23, 2018
TO: ENGINEERING/EQUIPMENT COMMITTEE
SUBJECT: AWARD OF PROFESSIONAL SERVICES AGREEMENT FOR THE GROUNDWATER BASIN STUDY

BACKGROUND:

The Board of Directors has expressed interest in exploring the possibilities of utilizing the San Marcos Groundwater Basin (Basin) for a new water resource for the District. The Board has directed staff to prepare a scope and fee estimate to evaluate Basin supply options.

DISCUSSION:

On September 25, 2017, Staff held a meeting with Woodard and Curran, formerly RMC Consultants, to discuss the best approach to identify alternatives and apply for funding sources. Woodard and Curran was chosen due to their recycled water planning work with the North County Water Reuse Coalition, Olivenhain Municipal Water District, and Encina Wastewater Authority. Following the meeting, Woodward and Curran prepared a proposal to evaluate and develop groundwater use alternatives, recommend a single alternative based on the results of the initial evaluation, and investigate potential funding mechanisms for the preferred alternative.

The three groundwater use alternatives that Woodward and Curran proposed to evaluate include the following:

1. Alternative 1 – Irrigation with groundwater for non-potable purposes, with storage for blending with recycled water
2. Alternative 2 – Potable supply with construction of a groundwater desalter plant
3. Alternative 3 – Groundwater basin recharge with advanced treated water from the Encina Water Pollution Control Facility

Woodward and Curran's proposed Basin study would explore each alternative to determine the best use of the Basin. Funding levels and opportunities for each alternative would also be identified and evaluated to estimate the District's cost per acre foot of the new water source. The proposed study itself may be eligible for grant or loan reimbursement retroactively.

This item was brought to the Engineering/Equipment Committee on November 13, 2017 for review and direction. The Committee recommended bringing the proposal, including optional tasks to determine the legal obstacles within the Basin, to the Board for award.

On December 6, 2017, Staff brought the award of a professional services agreement to Woodward and Curran to the Board for consideration. Following discussion, the Board

directed the General Manager to identify savings in the current budget that could be utilized to pay for the proposed Basin study.

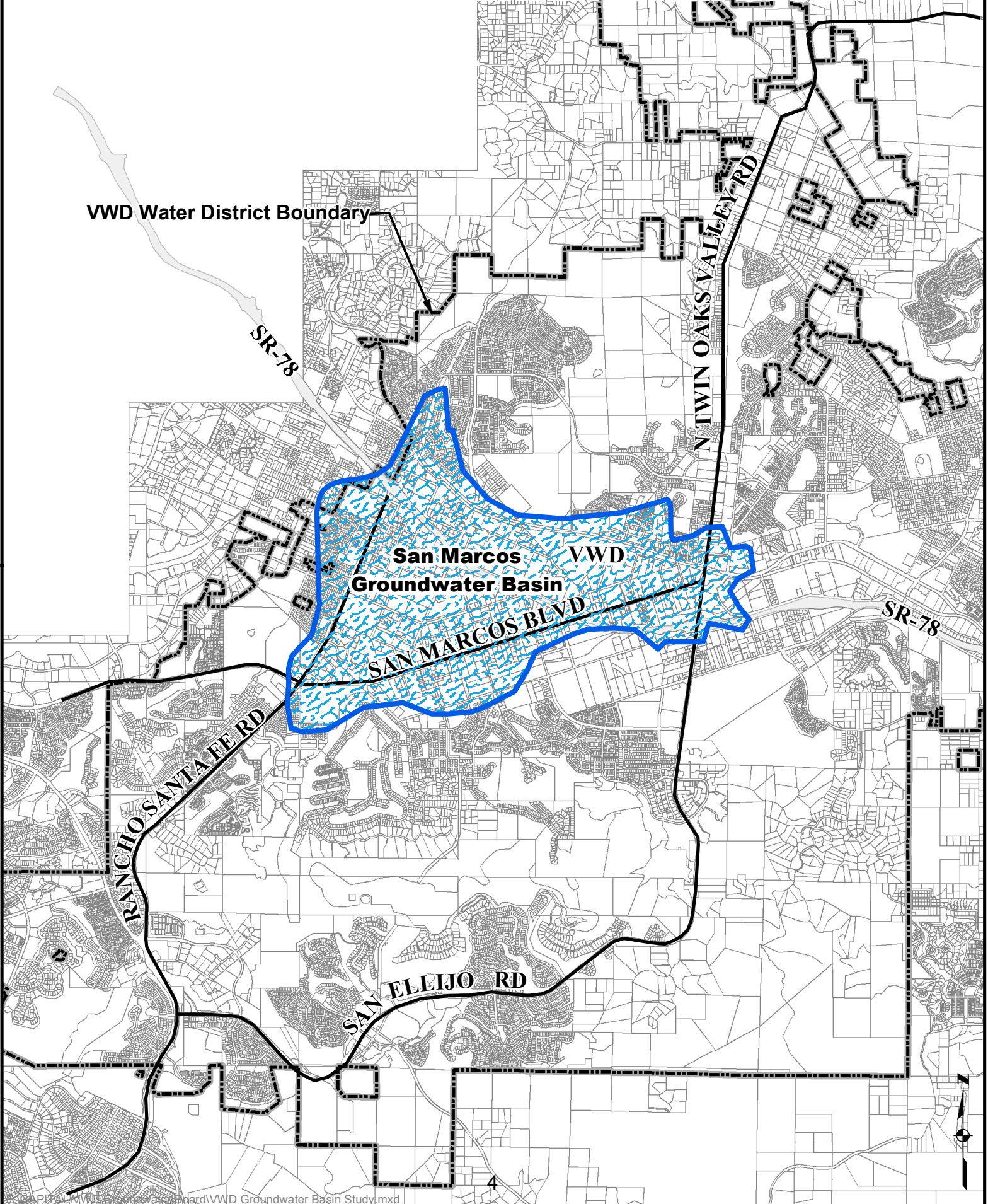
FISCAL IMPACT:

Staff has set aside funds in the Engineering Department's "outside services" in the Fiscal Year 18/19 Budget for completion of the Basin study.

RECOMMENDATION:

The Basin study is being presented for Engineering/Equipment Committee discussion. Staff is requesting that the Committee verify the scope to be included in the Basin study. Based on Committee input, Staff will solicit an updated proposal and fee from Woodward and Curran to bring before the Board for consideration.

AWARD OF PROFESSIONAL SERVICES AGREEMENT FOR THE GROUNDWATER BASIN STUDY



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