

MINUTES OF A MEETING OF THE
ENGINEERING/EQUIPMENT COMMITTEE
OF THE VALLECITOS WATER DISTRICT
TUESDAY, OCTOBER 25, 2022, AT 3:00 P.M.
AT THE DISTRICT OFFICE IN THE BOARD ROOM
201 VALLECITOS DE ORO, SAN MARCOS, CALIFORNIA

Director Hernandez called the meeting to order at the hour of 3:00 p.m.

Present: Director Elitharp
Director Hernandez
Assistant General Manager Gumpel
District Engineer Hubbard
Capital Facilities Senior Engineer Morgan
Development Services Senior Engineer Lopez
Asset Management Supervisor Bennett
Information Technology Analyst Todd
Senior Executive Assistant Flores

PUBLIC COMMENT

None.

ITEM(S) FOR DISCUSSION

FISCAL YEAR 2022/2023 CAPITAL IMPROVEMENT PROGRAM QUARTER 1 UPDATE

Capital Facilities Senior Engineer Morgan briefly demonstrated where quarterly updates for Capital Improvement Program (CIP) projects can be accessed on the District's website: <https://www.vwd.org/departments/engineering/capital-facilities>.

Capital Facilities Senior Engineer Morgan provided a brief update on four of the CIP projects currently listed online for Quarter 1 of Fiscal Year (FY) 2022-2023:

- Sewer Lining and Rehabilitation 2022
- Sage Canyon Tank Refurbishment
- 16-Inch Emergency Bypass Pipeline Rehabilitation
- Montiel Lift Station and Force Main Replacement

ASTERRA SATELLITE LEAK DETECTION COLLABORATION PROJECT WITH SAN DIEGO COUNTY WATER AUTHORITY

Asset Management Supervisor Bennett provided the Committee with an update on the Asterra Satellite Leak Detection Collaboration Project with the San Diego County Water Authority (SDCWA). Asset Management Supervisor Bennett informed the Committee that there were 118 Point of Interests (POI) detected within the District's water system. Of the 118 POIs investigated, a total of 20 leaks were detected, 18 on the customer side of the meter and 2 on

the District's side of the meter. Asset Management Supervisor Bennett further stated the overall results from the Asterra technology did not yield a large number of leaks, and those that were observed, at least on the District side of the meter, were insignificant.

SDCWA has reached out in recent months to garner interest in another round of SAR images for San Diego County. The District has declined to participate but has let SDCWA know we will revisit possibilities in the future.

Director Hernandez inquired if the 2 leaks that were detected on the District's side of the meter were considered high or low. Asset Management Supervisor Bennett informed the Committee that the 2 leaks detected on the District's side were considered low.

Director Elitharp asked if other agencies experienced the same or similar results as the District. Asset Management Supervisor Bennett confirmed that results from other agencies were similar to what the District experienced.

TWIN OAKS VALLEY ROAD SUB AREA MASTER PLAN

Development Services Senior Engineer Lopez provided the Committee with an overview of the Twin Oaks Valley Road Sub Area Master Plan and its purpose to determine how much Capital Facility Fees need to be increased to fund a sewer improvement project as a District CIP and to evaluate options for which properties the adjusted Capital Fees will be applied to. Development Services Senior Engineer Lopez informed the Committee of next steps:

- Bring estimated scope and fee for the Sub-Area Master Plan to Finance Committee
- Bring recommendation to the Board for approval of Sub-Area Master Plan budget
- Hire a Consultant to prepare the Sub-Area Master Plan and update Cap Fee Model
- Bring recommendation to the Board for Capital Facility Fee adjustment

General discussion took place and the Committee supported taking the Twin Oaks Valley Road Sub Area Master Plan to the Finance Committee.

OTHER BUSINESS

None.

ADJOURNMENT

There being no further business to discuss, the meeting was adjourned at the hour of 3:24 p.m.