

MINUTES OF A MEETING OF THE
ENGINEERING/EQUIPMENT COMMITTEE
OF THE VALLECITOS WATER DISTRICT
MONDAY, MARCH 9, 2020 AT 3:00 P.M.
AT THE DISTRICT OFFICE, 201 VALLECITOS DE ORO,
SAN MARCOS, CALIFORNIA

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

Present: Director Hernandez
Director Elitharp
General Manager Pruim
District Engineer Gumpel
Capital Facilities Senior Engineer Morgan
Development Services Senior Engineer Scholl
Capital Facilities Engineer Santos
Asset Management Supervisor Bowman
Executive Secretary Posvar

ITEM(S) FOR DISCUSSION

General Manager Pruim stated the agenda would be modified to combine Item 4., Solar Project Update, and Item 2., CIP Update.

DEVELOPMENT UPDATE

Development Services Senior Engineer Scholl reviewed development projects currently under construction, in plan check, and in design/planning as of the fourth quarter of 2019. A map showing project locations was provided to the Committee as well as a listing of the projects indicating the number of EDUs and capacity fees. Proposed capacity fees to be collected for the projects under construction for water and sewer are \$434,280 and \$324,650 respectively. Paid capacity fees are estimated at \$317,996 for water and \$69,741 for sewer.

Staff will provide another development update to the Committee in August.

CIP UPDATE/SOLAR PROJECT UPDATE

Capital Facilities Engineer Santos demonstrated how to find information regarding Capital Improvement Program (CIP) projects on the District's website. Available information includes the title and brief description of the project, quarterly updates, change orders, projected schedules, outstanding issues, maps, and a financial summary. There are currently nine active CIP projects. He provided FY 2019/2020 second quarter updates on three projects: the MRF Biological Selector/Aeration Basin, 2019 Sewer Lining and Rehabilitation, and Lawrence Welk Waterline Replacement.

Capital Facilities Senior Engineer Morgan provided updates on the San Marcos Interceptor Phase II and Tres Amigos Waterline Replacement projects. Staff is coordinating with the City of San Marcos on the San Marcos Interceptor Phase II project as it will involve extensive work on San Marcos Boulevard.

Capital Facilities Senior Engineer Morgan stated staff is in receipt of 90% design for the District-wide solar project. The Coronavirus has led to a Force Majeure claim due to the factories in China being closed, delaying the inverters and panels. Delivery of those items is expected in late April.

SEPTAGE HAULING STATION UPDATE

Development Services Senior Engineer Scholl stated a Professional Service Agreement with Woodard & Curran was executed on October 15, 2019 to perform a study on a possible septage hauling station. The scope of the study included siting the septage receiving facility at Lift Station No. 1, reviewing the site configuration, determining necessary improvements, security measures, electronics, administration of the project, staffing at the site during hours of operation, operation and maintenance of the facility, financial considerations, and various types of permitting.

Development Services Senior Engineer Scholl reviewed a handout of the conceptual layout of the facility depicting the truck hauling route from San Marcos Boulevard. Staff is exploring a self-contained approach before considering a public/private partnership. Staff is waiting for a response from Encina Wastewater Authority's legal counsel. A final technical memo should be completed within a few weeks and will be presented to the Committee to develop a recommendation to the Board.

Staff will research an automated septage facility for the Committee to tour.

General Manager Pruim stated he has been contacted by a developer who is interested in pursuing a utility-scale battery storage project close to an electrical substation on Discovery Street. He will meet with the developer and report back to the Committee.

HIGH POINT CONDITION ASSESSMENT UPDATE

District Engineer Gumpel stated a developer who went bankrupt at the start of the 2008 Recession before finalizing the High Point project had installed a pump station and 12-inch and 8-inch pipelines throughout the property. None of the improvements were accepted by the District and remained idle for over 10 years. Several developers have approached the District over the years about the project and were supplied with a list of items that needed to be done, including removal or replacement of all of the pipe. The current prospective developer paid a deposit to the District for staff and consultant time. The District's consultant, Infrastructure Engineering Corporation (IEC) hired Pipeline Inspection and Condition Analysis Corporation (PICA) to evaluate the pipes. Of the sections of pipeline that were evaluated, two areas of severe corrosion were identified as well as areas of deterioration normal with pipes of that age. Staff is currently

reviewing the report from PICA. IEC will determine from PICA's report standard deterioration and how much service life is left. District Engineer Gumpel recommended the entire ductile iron pipeline be evaluated before moving forward and determining what the District is willing to accept.

ASSET MANAGEMENT ROAD MAP

Asset Management Supervisor Bowman provided a presentation on the Asset Management Roadmap as follows:

- Definition
- Background
- Strategic Alignment
 - Infrastructure Integrity
 - Asset Management
 - Replacement Schedule
- Principles
 - What do we own?
 - Where is it located?
 - What condition is it in?
 - What is the remaining useful life?
 - How likely is it to fail?
 - What is the consequence of that failure?
 - What is my desired level of service?
 - What maintenance should we be doing?
 - What capital investment should we be making?
- Activities Progression
 - Prepare
 - Develop
 - Implement
 - Perform

General discussion took place during which District Engineer Gumpel stated the asset management plan will include a proposed replacement schedule which staff will track to determine if asset life is being extended or if assets are falling short of their expected life cycles.

GROUNDWATER GRANT DISCUSSION

District Engineer Gumpel stated there is approximately \$6,800 left over from the District's groundwater study. Additional funding would be necessary to pursue grant opportunities such as drilling a test well. Based on the Board's reaction to the study, staff is not moving forward with this project. At the end of the current fiscal year, the funds will be returned to the funding source.

General Manager Pruim will reach out to Olivenhain Municipal Water District staff to discuss the costs associated with the grant they received.

OTHER BUSINESS

None.

PUBLIC COMMENT

None.

ADJOURNMENT

There being no further business to discuss, the meeting was adjourned at the hour of 4:35 p.m.