

MINUTES OF THE
ENGINEERING/EQUIPMENT COMMITTEE
OF THE VALLECITOS WATER DISTRICT
MONDAY, MARCH 7, 2016 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 Elitharp
 Director Hernandez
 Assistant General Manager Scaglione
 District Engineer Gumpel
 Operations & Maintenance Manager Pedrazzi
 Administrative Secretary Johnson

ORAL COMMUNICATIONS

None.

ITEM FOR DISCUSSION

MEADOWLARK RECLAMATION FACILITY RECYCLED WATER FILL STATION
FEASIBILITY

Director Hernandez stated the project to be discussed is the creation of a recycled water fill station for the District's rate payers to receive recycled water free of charge, similar to what Olivenhain Municipal Water District (OMWD) has. Proper documentation would be required, and a limit could be set as to how much water a customer could receive.

The Committee reviewed maps of three possible sites for the recycled water fill station. District Engineer Gumpel identified items to be considered at each site:

- Site "A" (Located at Meadowlark Reclamation Facility)
 - Secure fenced & manned site
 - Some construction required
 - May interfere with District's chemical deliveries
 - Traffic circulation issues
 - Site security (hazardous materials)

- Site "B" (Located at Meadowlark Reclamation Facility)
 - Would require fencing/security
 - Minor construction would be necessary
 - Access off busy road
 - Would require scheduling with staff
 - Site security (hazardous materials)

- Site “C” (Located at Mahr Reservoir)
 - Would require fencing/security
 - Minor construction would be necessary
 - Access off busy road
 - Would require scheduling with staff

District Engineer Gumpel outlined the process that OMWD utilizes for their recycled water fill stations. The process requires the customer to complete an application which identifies them as a customer and provides the applicant with the rules and regulations of the program. The applicant must also complete a recycled water training class presented by the Department of Environmental Health (DEH). Upon successful completion of the training class, the applicant receives a certificate from the DEH which qualifies them to receive a photo identification badge from OMWD and a specific sticker to be placed on a specific container in which to transport recycled water. OMWD allows customers to receive between 1 and 300 gallons of recycled water. Each agency can set their own limits; however, 300 gallons is the maximum the DEH allows. Most agencies allow 2 stickers per customer; however there is no set maximum.

District Engineer Gumpel stated the construction necessary at any of the three proposed sites could be done in-house by District staff. He estimated the construction costs to be several thousands of dollars depending on what would be required, such as tapping a main line, running pipes, and building the fill stations.

Operations & Maintenance Manager Pedrazzi stated that a professional contractor would be hired to install fencing. He further stated the District has Ethernet radios with camera systems that could be utilized for additional security.

General discussion took place regarding the need for staffing at Sites “B” or “C.” Suggestions included having either of those sites staffed at certain hours/days by an intern.

District Engineer Gumpel discussed the possible timeline of the project. He stated that the District already has a permit in place with the Regional Board. The permit is the same permit used at other water agencies. The District would need to go through a verification process detailing the specifics of the proposed fill station. He estimated it would take approximately two months to complete the permitting process and the completion of the project within six months.

District Engineer Gumpel noted that technically, the recycled water that would be given away is recycled water that is contractually paid for by Carlsbad Municipal Water District and OMWD. This would need to be resolved.

The consensus of the Committee was to eliminate Site “A” due to safety and feasibility concerns, to visit Sites “B” and “C” for further consideration, and for the full Board to request to schedule another Committee meeting before presenting a report to the full Board. The Committee’s report would include an estimate of construction costs and a draft customer application.

OTHER BUSINESS

Director Hernandez will request at the next Board meeting a standing meeting of the Committee be scheduled for this project.

ADJOURNMENT

There being no further business to discuss, the meeting was adjourned at the hour of 3:43 p.m.