

MINUTES OF A MEETING OF THE
ENGINEERING/EQUIPMENT COMMITTEE
OF THE VALLECITOS WATER DISTRICT
MONDAY, OCTOBER 28, 2019 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 Pruiam
District Engineer Gumpel
Operations & Maintenance Manager Pedrazzi
Capital Facilities Senior Engineer Morgan
Development Services Senior Engineer Scholl
Administrative Secretary Johnson

ITEM(S) FOR DISCUSSION

MEADOWLARK RECLAMATION FACILITY SYSTEM OVERVIEW

General Manager Pruiam stated this item was previously discussed at the June 21, 2017 Board meeting. Cost estimates have been updated since that time and the information provided to this Committee is informational only to ensure the Committee understands the functionality of the Meadowlark Reclamation Facility (MRF) and what would be entailed if discontinued use of MRF was considered.

District Engineer Gumpel facilitated a presentation on the MRF System Overview as follows:

- MRF Decommission
- Sewer Service Area Overview
- Sewer System Overview
- Decommission Steps 1, 2, 3, 4, 5
- Direct Expenses
- Offsetting Direct Costs
- Summary of Costs
- Timing and Other Items

District Engineer Gumpel discussed steps that would be involved with decommissioning the MRF system starting with Lift Station 1 (LS1) and then MRF including abandoning pipelines in-place, disconnecting pipelines, removing biohazards, severing plumbing, and removing electrical/mechanical equipment. Structures at LS1 and MRF would remain. Step 2 would involve building a new MRF lift station and force main. Step 3

would require rehabilitation of the existing gravity main. Step 4 would require a new land outfall. Step 5 would require the purchase of liquid capacity at Encina Wastewater Authority (EWA) at an estimated cost of \$59.2 million. Total direct expenses are estimated to be \$132.8 million plus approximately \$2.5 million in additional annual O&M expenses at EWA and a new MRF lift station compared to current year O&M costs. Offsetting direct costs if LS1, Mahr Reservoir, and MRF were decommissioned are estimated to be approximately \$42 million. In summary, on the capital side, the net of new costs would be approximately \$91 million, and on the operations side, a net of \$1.4 million in increases.

District Engineer Gumpel stated the timeline to plan, design, and build the required infrastructure would be 8 to 12 years and other considerations include possible additional debt, depletion of reserves, loss of direct potable reuse (DPR) opportunities at MRF, and site development opportunities at LS1 and MRF.

General Manager Pruim stated that there are no plans or funds budgeted for decommissioning MRF.

General discussion took place regarding future DPR. District Engineer Gumpel stated projects at MRF are planned with consideration of future DPR.

General Manager Pruim stated he will review the information presented at this meeting with President Martin in order to determine whether he wants this item to be presented to the Board.

OTHER BUSINESS

None.

PUBLIC COMMENT

None.

ADJOURNMENT

There being no further business to discuss, the meeting was adjourned at the hour of 3:36 p.m.