

Mike Rachel

## Board Questions – February 2021

- p. 32 Check #1078 for \$ 11,459 for Cyclo Variator Reducer. What is the application for this item and the Project Number if applicable? It appears to be a variable drive for a gearmotor or a variable drive gearmotor, therefore it is likely contributing to energy savings. If so, do we have an estimate of payback in years or months?

This is for the dewatering screw press. The existing cycle unit was tripping intermittently. This unit was installed, and the screw press is no longer having any issues. Existing unit was sent in for evaluation since it should not have failed based on maintenance history. The screw press does use less energy than the belt press and it can be batch run unsupervised, so it was important to place back in service.

- p. 34 Check 1135 for \$ 45,142 to Frisch Engineering for SCADA and PLC Engineering. This looks like it belongs to 18-05.

SCADA was budgeted under O&M and as a project 18-05. Patrick and I discussed and decided it was better to budget in one location under maintenance.

- p. 62 and 63. Good job. Tracking on schedule with CCTV and ahead of projection on manhole inspections for River Watch Settlement Agreement. Can you provide an update on the new person and role (helping free up people for accomplishing these target objectives) during the meeting?

First, I want to say thank you for your compliment. Alex has been such huge help for not just my department and my crew but also for Chris and his department. When you look at the graphs in the board packet, we are on track to meeting our goal. What the graphs do not show is all the other duties that Collections do daily. As you know real estate is a hot market right now, lateral inspection is a daily task that I cannot always do. Having Alex on board has kept the CCTV and cleaning crew doing what they do best. I do not have to pull any one from the CCTV and cleaning teams to do inspections. I would say one of the biggest areas of improvement in having an extra position in Collections are the pump stations. Having Alex taking the place of a crew member on the cleaning crew or the CCTV crew has freed up time for maintenance projects at the pump stations. Maintenance and collections are currently working on flood proofing Calle La Cruz pump station. All the fabrication and installation are being done in house. That project would have been contracted out in the past. In the Maintenance department Alex has been performing PM's on all the vehicles. Those tasks were contracted out in the past. Finally, we are tracking tasks in CMMS to better schedule future maintenance and to prolong equipment usage.

- p. 68 So we were within 2.5 feet of impacting the plant. Can Mark provide details as to when or at what level mitigations would be implemented, and also detail the mitigating actions, beyond the preventive measures listed in this paragraph?

(1) Overall, the 2.5 foot comment was only intended to give a sense of the high water mark at the plant at the peak of the event. (2) CAWD staff was never concerned about flooding in the January scenario

because it was manmade and temporary (problematic breaching of the lagoon). The lagoon would not rise another 2.5 feet because the dunes would be breached either by the County, from natural breaching or by frustrated residents. (3) However; threats from 100+ year river flooding event (vs. lagoon flooding) are real. Engineering studies show that flood waters are expected to enter from the upstream (east) side of the plant and back up inside the lower areas of the facility. Therefore, significant planning has been completed to protect key equipment, infrastructure, and processes. (4) At least 55 prioritized actions/mitigations have been identified for a 100+ year flood event. Mitigations are prioritized as Critical > High > Medium High > Medium > Med Low and Low. Priorities include both keeping the plant running and preventing contamination of flood water from both wastewater and chemicals. The priorities consider the precise elevation at which each building and process would be impacted. (5) Some examples include moving vehicles/equipment and chemicals to higher areas; sandbagging basements, sealing drains, and sealing grates over the chlorine contact channels.

p. 77 and 78. Our overall count on Projects is coming down over the past several months. Are we archiving completed Projects and if so, are we documenting final results such as under/at/over budget and within/at/exceeded scheduled completion date?

To date we have not been actively archiving completed projects via the Capital Projects Report/Implementation Plan. However, the records exist on their own and so it should be easy to do a look back at completed projects and create a report of closed-out projects status including final budget and schedule results.

We keep projects on the Capital Projects Report/Implementation Plan for at least one month after completion to capture the final status. We have been tracking projects this way since about November 2018, so we could create a report covering projects completed over the last 2+ years. I would think this might be something we report on annually as part of the budget cycle, but it could be done different ways depending on board input.

Finally, all projects are permanently recorded in the General Ledger. At year end, complete projects are closed and moved out of the CIP into fixed assets. The accounting records are permanent records of the District.

p. 92 I appreciate Ed's bullet type scoreboard on Discharge Permit Violations. Easy to read and comprehend.

Thank you.

p.133 Our discussion during the Meeting should clarify this.

My intention was to provide maximum flexibility to the board in either adding/removing/reappointing a member to the Pension committee.

The SAM pension plan document requires that we complete Attachment A and pass a resolution authorizing said Attachment whenever there is a change in the plan.

## **Greg D'Ambrosio**

### **Board Questions – Feb 2021**

p.55 Why was there a spike in Operating Exp in August?

The District made a \$725,000 contribution to Classic CalPERS and \$56,674 to PEPRA CalPERS on August 12, 2020. Both were one-time expenses to fund the Unfunded Accrued Liability (UAL) for both plans.

p. 63 Can you explain the manhole evaluation?

The rating system is like that used on rating the sewer pipes. A ranking of 5-1 is given based on what the inspector is viewing and then inputting into the system. 5 being the worst and 1 the best. The inspector looks at the frame and lid, the size of the manhole (usually 4 feet in diameter), the material (brick or concrete) of the manhole and the condition (cracks, infiltration, H2S damage, roots) of the manhole. The base of the manhole (Bench) where the pipes come in, inspectors look for damage, roots infiltration. Based on what the inspector see's and then enters into the computer, an overall score is given to that particular manhole.

p. 93 Can you explain what the 4 emergency work orders were?

1. Ribera Pumpstation- fuse was blown for low level float. Looking at the fuse it may have been damaged way back when panel was shipped. Replaced and working.
2. Ribera Pumpstation- Power bump caused Uninterruptible Power Supply to fail. Unit was removed from service and staff verified all controls are backed up by DC UPS in PLC panel.
3. Reclamation microfiltration control panel ethernet switch failed. Due to power bump. Unit was replaced with spare.
4. Microfiltration 4" PVC fitting cracked and was leaking. Staff used specialized drill bit to router out broken pipe and new pipe was installed.

p. 96 Can you explain the Zero Property Tax Transfer

Per LAFCO it is a legal requirement in California when an annexation occurs to show that it will not increase property taxes.

CAWD receives roughly \$1.7M each year in property tax revenues. All properties that were part of the District pre-Prop 13 contribute to the property tax revenues the District receives. Any properties annexed post-Prop 13 do not. We might argue "not fair"; however, the general thinking is that an enterprise district (which is how CAWD is defined) should be self-supporting via fees and charges that they are legally allowed to assess.

p. 99 Is the easement assessment of the old easement and the new easement?

We have asked the MRPD to include the existing easement in the appraisal.

p. 104 What happens to the easement? Is there any potential future use?

We plan to relinquish the easement and return it to the property owner. There is no use for it from CAWD's standpoint.

p. 134 Explain?

My intention was to provide maximum flexibility to the board in either adding/removing/reappointing a member to the Pension committee.

The SAM pension plan document requires that we complete Attachment A and pass a resolution authorizing said Attachment whenever there is a change in the plan.

General Question:

When cleaning the City storm drains have we encountered any problems? This year seemed to take longer than in the past, if so, why?

We clean the city's interceptors twice a year and the catch ponds on 4<sup>th</sup> Ave. 2-3 time a year. The interceptors take between 2-3 days to clean out twice a year and a day each time we clean the ponds on 4<sup>th</sup>. I do not know how long it took the City of Seaside in the past, but one thought is once our truck is full, we dump the debris at our treatment plant to be later hauled off to the land fill. When Seaside was cleaning the interceptors and ponds, they had to haul the debris to Seaside or directly to the landfill a much longer haul. The other thought is Seaside would only send one worker to do the work and one worker from Carmel (not a trained worker) would help. CAWD has two fully trained staff members that are efficient at their tasks performed.