

BOARD OF DIRECTORS
INDIAN WELLS VALLEY WATER DISTRICT

PLANT AND EQUIPMENT COMMITTEE
REGULAR MEETING

REPORT

TUESDAY, SEPTEMBER 3, 2019 – 2:00 PM

BOARD ROOM
500 W. RIDGECREST BLVD., RIDGECREST

Attendees: David Saint-Amand, Stan Rajtora, Don Zdeba, Renee Morquecho, Jason Lillion and Ty Staheli.

1. Call to Order

The meeting was called to order at 2:00 pm.

2. Committee/Public Comments

None.

3. Post-Earthquake Repairs: Update

Well 30: Work on Well 30 has been completed. This project will go to the Board for acceptance of contract work this month.

Tanks: The two bolted steel tanks that were damaged and taken out of service were inspected by Superior Tank Solutions last month. This District has their reports and a rough estimate of the rehabilitation cost for those tanks. The welded steel tanks were inspected by Rubicon Applied Divers September 10-11th and Staff just received the written reports today. There was a delay due to the owner's elderly mother being ill.

C-zone booster building: After inspection by a structural engineer from Cornerstone Engineering (and a yellow tag), Soils Engineering, Inc.(SEI) came last month to evaluate the existing masonry structure of the building and determine what can be done to save it/retrofit the building to make it safe again. The report from SEI was sent to the structural engineer. Unfortunately, we experienced a delay in getting a retrofit recommendation from the structural engineer due to a fall and hospitalization. This project was assigned to a different engineer yesterday.

Gateway boosters: One of the booster cans/piping was damaged during the earthquakes but cannot be safely accessed due to the location of equipment under the building. Staff is working on a plan to re-route piping in order to isolate the booster to stop the leak and build a new booster station to the east of the current one. Staff, along with Krieger & Stewart, is finishing the surveying necessary to create the plan for replacing/re-routing the piping. This site, plus the College tank, will also be mapped using drone technology either this week or next week. This will also provide needed preparation for siting an additional tank at each site in the future.

4. Hometown Town Water Association Consolidation: Update

Unfortunately, Hometown Water does not currently qualify for grant funding. Their median household income (MHI) was \$55,201.00. In order to qualify as a “disadvantaged” community, their MHI cannot exceed \$53,735.00. We have been told though that these income guidelines are being updated for 2020 and Hometown may qualify if the income threshold is raised.

5. Bulk Water Station Upgrades: Update

The District received a request at the last Board meeting for an accommodation at the bulk station from a customer with disabilities. Staff is reviewing several options and hopes to have a recommendation by the Board meeting, but due to the special circumstances of this particular site and facility, it may be necessary to consult with a certified ADA consultant before having a final plan in place to present to the Board.

6. Use of WellIntel for WSIP Monitoring Wells: Discussion

Staff has contacted all property owners except the local asphalt plant, which will be done this week. One of the homeowners is new due to the sale of the participating property this past August. Staff sent the new homeowner a letter last week and is waiting to see if he will want to continue participating in the monitoring program. The District’s well 36 could be used in the future as a surrogate if this property owner does not continue in the monitoring program. Lee Knudston will be on the IWV again in a couple of weeks and will assist staff with assessing the suitability of the wells for WellIntel installation.

7. WSIP/Well 35: Update

This project is out to bid. It will be advertising locating in the legal section of the Daily Independent tomorrow and next Wednesday the 16th. Bid opening will be November 21st.

8. Arsenic Treatment Facilities: Update

Both plants were taken offline last week for the winter. Filtronics was informed that the plants would be shut down a few weeks ago, but did not arrive to perform any additional analyses to determine the cause of filter media breakthrough. In addition, staff is looking into installation of in-line, real time sensor for detection of iron or color.

9. SCADA System Upgrade Project: Update

Staff received the Program Control Narrative (PCN) yesterday. The PCN is how the sites in our system communicate with each other. There will be a kickoff meeting with ATSI next week to start the programming. Due to a delay in the fabrication of the panels, the completion of the project has been pushed to the beginning of 2020.

10. Evaporative Cooler Study: Update

Staff will be reading the meters for the last time the end of this week. A report on the summer water usage will be presented to the Board at the next meeting.

11. AMI Pilot Project: Update

Currently the District has installed a little over 7,000 AMI registers. The plan is to have all registers converted to AMI by the end of the calendar year. The ten (10) new collectors have been ordered and will arrive in around 6 weeks. Staff is working on an agreement with the City and Fairgrounds for installation of some collectors on their facilities. Once all the collectors are installed, the WaterSmart system will be rolled out to customers.

12. Solar Production: Report

The Committee reviewed the report provided by ENGIE Services for July to September 2019. The guaranteed savings during that time was \$135,202.65 and actual savings was \$135,352.63. The total saving since July 2018 is \$644,096.86.

13. Future Agenda Items

- CalOES reimbursement status (after projects are submitted)
- 2018 COP capital projects

14. Adjournment

The meeting was adjourned at 2:40 pm.