

MINUTES OF THE SAN ANTONIO WATER COMPANY
PLANNING, RESOURCES, and OPERATIONS COMMITTEE
July 25, 2017

An open meeting of the Planning, Resources, and Operations Committee (PROC) of the San Antonio Water Company (SAWCo) was called to order at 3:01 p.m. on the above date at the company office located at 139 N. Euclid Avenue, Upland, California. Committee members present were John Gerardi, Will Elliott, Jose Sanchez, and Tom Thomas. Also in attendance were SAWCo's General Manager Charles Moorrees, Assistant General Manager Teri Layton, and Senior Administrative Specialist Kelly Mitchell. Mr. Elliott presided.

1. Recognitions and Presentations – None.
2. Additions-Deletions to the Agenda – None.
3. Public Comments – None.
4. Approval of Committee Meeting Minutes:
 - A. ***Regular Committee Minutes of May 23, 2017*** – Mr. Gerardi moved and Mr. Sanchez seconded to approve the meeting minutes of May 23, 2017. Motion carried.
5. Planning and Operational Issues:
 - A. ***Proposals to Clean and Line Irrigation Res 4*** – Mr. Moorrees pointed out the aerial picture of the reservoir which was constructed in 1924. The reservoir is still in active operation and serves as the main distribution reservoir of surface water flows for the grove irrigators, rock company, and golf course. Storm events earlier in the year transported suspended particles in surface water flows that are received in the reservoir. When the flows are stilled in the reservoir the sediments sink to the bottom. As the sediments accumulate in the reservoir it loses its ability to store water.

Staff received a proposal from C.P. Construction for \$20,700 and is awaiting a proposal from Norstar Plumbing & Engineering, and received a verbal quote from National Plant Services to clean out the reservoir.

Field staff has been monitoring seepage on the exterior walls. The possibility of rust and its effects on the structural integrity of the reservoir have staff looking into the possibility of lining the reservoir. National Coatings & Linings provided a budgetary figure of \$50,000 to apply an epoxy product by Raven to the reservoir once drained and cleaned.

Mr. Moorrees questioned whether or not to line the entirety of the reservoir. It was established that the decision to forego lining portions of the reservoir would be made after it was drained and cleaned.

Mr. Moorrees asked the committee to recommend the Board approve the cleaning and lining of the reservoir and appropriate \$125,000 from Depreciation & Obsolescence Reserves.

Mr. Gerardi moved and Mr. Sanchez seconded to approve the general managers recommendation with the addition of notification to the committee on whether all or part of the reservoir needs lining prior to work beginning. Motion carried.

B. Proposals to Replace Existing V-Screen Meter – Mr. Moorrees explained to the committee that production report variances of surface flows caused staff to investigate current meter accuracies at the V-Screen. Field staff, working with the meter consultant, indicated the meter is off by 14% which is beyond the acceptable variance. Using the existing J-Stick and weir at the upstream main Box, this variance was confirmed.

Working with the manufacturer's representative, field staff determined that it would be best to replace the existing meter with a 24" meter and place it in a vault just north of its existing location. Removal of downstream appurtenances that could affect accurate reads is also recommended.

Staff received a proposal from C.P. Construction for the installation of the new meter and vault. Additional proposals from other contractors are expected shortly. The cost to purchase the 24" mag meter is quoted at \$11,615.13 with the vault cost at \$4,714.07.

Mr. Moorrees requested the committee recommend the Board approve replacing the V-Screen meter and appropriate \$50,000 from Depreciation & Obsolescence Reserves.

Mr. Sanchez moved and Mr. Gerardi seconded to approve the general managers recommendation. Motion carried.

6. Planning and Operational Update -

A. Project Status Report –

- **Edison Pond – Sluice Gate** – The City of Pomona is working on developing the engineering plans of the gate. A preliminary plan should be available within a week.
- **Well 24 Rehabilitation**– The well is currently operational.
- **Well 15/16 Tracer Study** – One proposal has been received. Staff is awaiting one more proposal.
- **Holly Drive Reservoir Design** – Staff met with the Water Master Plan engineer earlier in the day. In order to meet fireflow standards 1,500 gallons per minute for a two hour duration is required. Staff has asked that TKE Engineering increase the capacity of the reservoir they are designing to 250,000 gallons.
- **Water Master Plan** – Staff will meet with municipal shareholders regarding future projects in the WMP. Future WMP's will just be updates not complete revisions.

- **WFA Pipeline Connection** – Long term sampling by the City of Upland will be complete before the end of the year. At that time SAWCo hopes to have the Bin 2 classification removed.
- **Reservoir 7 Rehabilitation** – Staff met with Harper & Associate Engineers and evaluated the reservoir earlier in the day.
- **Basin 6 Desilting** – Staff needs to re-bid the project. The first bid was non responsive. An addendum was made to the project which increased costs.
- **Cucamonga Crosswalls** – The gnatcatcher study was sent to Army Corps of Engineers the previous week. The 401 permit is currently going through supervisory review.
- **Water Rights Investigation – Activity** – The Department of Drinking Water reported they received partial information on diversions from the United States Forest Service. The monument manager is willing to meet with SAWCo staff on the topic.
- **Office Feasibility Study** – Staff spoke with legal counsel on how to take the funds for the sale of the south portion of the property and stay within the 85/15 rule that their 501(c)12 tax status requires. One option may be to have the property bought by the City of Upland using eminent domain. The money received in this manner would need to be reinvested within 3 years.
- **Well 31 Biological Treatment** – The rates for the water treated through this process is not rate compatible for SAWCo. The Department of Drinking Water visited the site and it is believed the system will be certified by August with removal taking place shortly thereafter.

7. Basin Issues and Updates

A. **San Antonio Canyon Watershed** – At the next meeting new signs advising visitors to keep the watershed clean will be discussed.

B. **Chino Basin** – Ms. Layton reported on the Appropriative Pool and Strategic meeting held on July 20th. The parties, sans City of Chino and City of Ontario, agreed on a desalter replenishment agreement and submitted a letter advising the Watermaster of these facts. The agreement passed through the Advisory Committee but the Board is set to send it back because all parties need to vote yes in order for the item to be presented to the Board.

Jurupa Community Services District filed a motion with the court about the fact that not every party was served on the appeal and they do not agree with extending the briefing schedule.

C. **Six Basins** – Mr. Moorrees reported there is a Board meeting scheduled for the following day. Discussions will be focused on cyclic storage. Mr. Moorrees does not believe the item will go to the Board for approval due to the inability to pump the water out in the time required.

Mr. Thomas spoke about the possibility of Pomona Valley Protective Associations partnering with the City of Claremont and Holliday Rock to form a 60 to 70 acre recharge basin in the northwest portion of upper San Antonio Spreading Grounds.

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Mr. Moorrees also reported that during tomorrow's Six Basins meeting they will be authorizing the Watermaster staff to move forward with the implementation of the Strategic Planning process.

D. Cucamonga Basin – Mr. Moorrees stated that previously Cucamonga Valley Water District requested changing the operating safe yield from 22,500AF to 13,500AF. SAWCo was not in agreement with this amount based on the lack of information provided on issues SAWCo had raised in the Basin Update Plan.

8. Committee's Comments and Future Agenda Items: – Security cameras have been installed at Reservoir 1 in light of recent theft at the property.

Adjournment: –The meeting was adjourned at 4:00 p.m. Motion carried.

Assistant Secretary
Charles Moorrees