

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

August 25, 2010

An open meeting of the Planning, Resources, and Operations Committee (PROC) of the San Antonio Water Company (SAWCo) was called to order at 3:00 p.m. on the above date at the company office located at 139 N. Euclid Ave., Upland, California. Committee members present were Robb Quincey, Will Elliott, and Tom Thomas. Also in attendance were General Manager Charles Moorrees, Director Dr. Fred Gattas, and Bill Leever from Wildermuth Environmental, Inc. (WEI). Mr. Quincey presided.

1. Recognitions & Presentations – None.
2. Additions-Deletions to the Agenda – None.
3. Public Comments – None.
4. Approval of Committee Meeting Minutes – Mr. Quincey moved and Mr. Elliott seconded to approve the meeting minutes of June 30, 2010 as presented. Motion carried.
5. Planning & Operational Issues:
  - A. Cucamonga Basin Management Plan - Phase I Data Collection – Mr. Moorrees introduced Bill Leever from WEI. Mr. Leever attended the meeting to present a PowerPoint presentation on the first phase of the watermaster plan for Cucamonga Basin.

Mr. Leever presented information on the data collection, initial hydrogeologic study development, and the summarizing of production recharge for the Cucamonga Basin Management Plan.

Data collection consisted of water levels, water quality, well information, and local reports from other consultants or public agencies. All information was entered into a database and analyzed. Management goals were delayed until preliminary analysis of the data was available.

A general geologic map of the basin was shown and utilized multiple colors to point out areas of different geological materials. The legal boundary of the basin as described in the adjudication was indicated as well as the boundaries of the hydrogeologic basin.

(Director Tom Thomas entered at 3:05 p.m.)

Mr. Leever explained that the Chino Basin boundary roughly mimics the adjudicated boundary of the Cucamonga Basin. The water outside of the Cucamonga Basin would recharge in the Chino Basin.

Mr. Moorrees pointed out the location of the wells owned by SAWCo.

The various cross-sections depicted fault lines such as the Cucamonga Fault and the Red Hill Fault that run along the basin. The Red Hill Fault is what separates Cucamonga Basin from the Chino Basin. The thickness of the basin is 100 feet. Soil content and the water table were also pictured.

(Ms. Teri Layton entered at 3:10 p.m.)

Mr. Moorrees pointed out that a difference between Chino Basin and Cucamonga Basin is that the water level is higher in the Cucamonga Basin.

Mr. Leever explained that the amount of water available for storage in the Cucamonga Basin is held between the water level and the level of bedrock geological material. That amount is what is being calculated in Phase II of this project. There is no production on the far east side of the Basin due to the thinning of the bedrock in that area.

A few of the wells levels were given to show a relatively long history of water level changes from long dry periods to short wet periods. The groundwater flows perpendicular to the contours of the basin. No data was available in that area so WEI had to interpolate between known data points.

Mr. Leever briefly explained what Phase II of the project would include. He also showed a summary of Cucamonga Valley Water District (CVWD) production in the Basin since 1972. There is some missing data as well as decreased usage in the last decade due to new wells in the Chino Basin and high nitrates. SAWCo production data was more complete but has been decreasing since the mid 1980's.

(Mr. Leever exited the meeting at 3:40 p.m.)

- B. Proposed Service Agreement – Monte Vista Water District – Mr. Moorrees reminded the committee that SAWCo previously executed a service agreement with the City of Upland and City of Ontario. The proposed service agreement with Monte Vista Water District (MVWD) is somewhat similar. MVWD increased their shareholdings in SAWCo last year to increase their entitlement. MVWD applied to the watermaster and SAWCo was able to transfer water via paper transfer in the Chino Basin. MVWD is in the process of purchasing several hundred shares and a new service agreement is needed. The agreement being offered is a onetime, five year, lease in Chino Basin.

Mr. Moorrees sought the recommendation of the Service Agreement to the Board subject to the acquisition of the additional shares.

Mr. Quincey inquired what would happen if SAWCo did not have enough water to transfer in the basin. Mr. Moorrees replied that if SAWCo cannot meet entitlement they will prorate to what's available. Mr. Quincey questioned having that wording in the agreement itself. Mr. Moorrees agreed and will ask legal counsel.

Mr. Elliott moved to approve the Service Agreement with MVWD subject to a proration clause and the acquisition of the additional stock. Motion carried.

- C. Yard Office Remodel – Mr. Moorrees reported that Reynold's Construction has provided many services to SAWCo over the years including the office remodel. He presented a proposal from Reynold's Construction to remodel the yard office to increase the office space, add heating, air, etc.

Dr. Gattas recommended getting additional bids on the project. Mr. Moorrees agreed to get two additional bids.

- D. Upland Hills Golf Course – Relocate Existing 14" Pipeline – Mr. Moorrees stated that the reason SAWCo is relocating the pipeline is due to the fact that last year when doing repairs to the pipeline it was discovered that it was 20 feet deep and 5 feet away from the building and there were no easements. A transfer of property to San Antonio Liquidation Trust (SALT) in 1966 reserved easement rights on the north half of the property and completely missed where SAWCo facilities are located. A proper location for the pipeline would be on the north side of Upland Hills Golf Course (UHGC) but SAWCo does not have any easement rights there. Mr. Moorrees met with the general manager of UHGC and he did not take issue with SAWCo relocating their pipeline on UHGC property. There may be additional costs in obtaining the easements needed.

- E. 26<sup>th</sup> Street Recharge Conveyance – Mr. Moorrees wanted to continue with the original plan but would like to take water from San Antonio Creek. He recommended using a pipeline that exists on property recently purchased from SALT and making it a forebay with a reservoir and pump the water to 26<sup>th</sup> Street and discharge it into the existing channel. Mr. Moorrees would like to have a focus study that will show what the institutional requirements are, is it feasible, and what are the alternatives. Once he receives proposals he will submit them to the committee or the Board.

- F. Feasibility Study to Expand Edison Ponds/Box and Create Conservation Levee – Mr. Moorrees has been informed that the regulatory agencies will need to be involved in this expansion. SAWCo has been utilizing the Edison Ponds/Box for over 128 years without regulatory agency involvement. Mr. Moorrees is considering scaling back the project. He would like to continue with the conservation levee later but concentrate on expanding the Edison Ponds/Box and modernizing the equipment now. SAWCo is having a problem proving it is the landowner.

South of the tunnel spread ponds is a tunnel that runs east to west. There are a series of spread ponds that are used to divert the surface water from the creek. SAWCo would like to expand its tunnel spread ponds. They would like to purchase some surrounding property to help facilitate that.

6. Planning & Operational Update -  
Project Status Report

- **26<sup>th</sup> Street Pipeline-1,840 LF of 12” Waterline** – Pre-construction meeting scheduled for Tuesday, August 31<sup>st</sup>. Work should begin after Labor Day.
- **Chronological History Documentation** – Anticipate completion in October.
- **Cucamonga Basin – Desilting Project at Crosswalls** – Received Notice of Exemption from San Bernardino County (SBC) for environmental. Submitted application that is currently being reviewed.
- **Forebay Improvements** – SBC thinks it has to go before the planning commission. SBC is currently reviewing the Water Quality Management Plan.
- **Water Rights Investigation**-Based on the August Board meeting and the complaint by a shareholder, SAWCo’s attorney allowed for a letter to be sent to Mr. Ridgeway and Mr. Slater revoking the 1800 gallon per month offer.

Mr. Elliott asked that a tour be given of the Edison Pond/Box. Mr. Moorrees agreed to organize that.

7. Basin Issues & Updates

- A. *San Antonio Canyon Watershed* – Ms. Layton is scheduled to meet with the City of Upland and CVWD to organizing a clean-up day for CVWD. They will meet on Tuesday, August 31<sup>st</sup>.
- B. *Cucamonga Basin*- See Item 5A.
- C. *Six Basins* – Nothing was discussed.
- D. *Chino Basin* – Nothing was discussed.

8. Closed Session – None.

9. Committee’s Comments and Future Agenda Items – None.

Adjournment – Due to no further business, the meeting was adjourned at 4:20 p.m.

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Assistant Secretary  
Charles Moorrees