

MINUTES
PROJECT / PLANNING / DEVELOPMENT COMMITTEE
THREE VALLEYS MUNICIPAL WATER DISTRICT

Wednesday, April 7, 2010
8:00 a.m.

1. Call to Order / Roll Call

The Project / Planning / Development (PPD) Committee of the Three Valleys Municipal Water District was called to order at 8:00 a.m. by Chairman Bowcock at the District Office located at 1021 East Miramar Avenue, Claremont. A quorum of the committee was present.

Committee Brian Bowcock, Chairman
 Dan Horan
 Luis Juarez

Staff Present Ray Evangelista, Engineer
 Mario Garcia, Project Engineer
 Vicki Hahn, Executive Assistant
 Rick Hansen, General Manager / Chief Engineer
 Kirk Howie, Assistant General Manager, Administration
 Jim Johns, Water Operations Manager
 James Linthicum, Chief Finance Officer
 Mike Sovich, Assistant General Manager, Engineering & Operations

Others Present Ken Deck, Rowland Water District
 Raul Garibay, City of Pomona
 Erik Hitchman, Walnut Valley Water District
 Nichole Horton, City of Pomona
 Fred Lantz, Pomona Citizen
 Joseph Ruzicka, Three Valleys MWD, Director, Division 5
 Kyle Snay, Golden State Water Company

2. Additions to Agenda

A copy of the February Miramar Operations report was distributed (reference Agenda Item 5).

A copy of the Imported Water Purchases Report for Water Supply Allocation Plan and Calendar Year Data were distributed (reference Agenda Item 6).

Chairman Bowcock requested staff to report on the prospective project being considered with the Claremont School of Theology (added as Agenda Item 8H).

3. Reorder of Agenda

There were not any requests to reorder the published agenda.

4. Public Comment

Chairman Bowcock opened the meeting to receive public comments on agenda items in areas of concern relative to the Project Planning & Development (PPD) Committee. There were not any comments from members of the public.

5. Miramar Operations Report – February 2010 [2]

February 2010 Highlights

- Water quality both coming in and being taken from the Miramar Plant continue to be outstanding.
- All constituents that are required to be monitored by the California Department of Health are well below the Maximum Contaminant Levels (MCLs).
- Monthly production for February was lower than the previous month. This was primarily due to an extended MWD/Miramar plant shutdown, but also due to fewer demands, conservation and weather conditions.
- Unaccounted water loss is less than the previous month at 0.8 AF.
- 57.5 AF was produced from Miramar Well #1; year-to-date produced was 515.95 AF.
- Water sales were primarily to PWR-Joint Water Line (JWL); lesser amounts to City of La Verne and Golden State Water Company.
- Hydro generation for the month is just slightly over what was budgeted; YTD hydro generation continues to produce greater than what was budgeted for 2009-10; this is a result of higher pressure on the Rialto Feeder.

- Special Activities included:
 - Topping off of media filters #3 and 6. As previously reported the filters had been losing media. Operations has adjusted its backwash procedures and will be monitoring whether media loss continues.
 - The north and south sedimentation basins were drained, cleaned and inspected.
 - California Department of Health conducted its annual inspection of the Districts ELAP. A few minor recommendations were suggested.
 - Staff finalized the 2009 Annual Water Quality Report for customers.
 - Staff installed two warf heads (small fire hydrants) adjacent to the reservoirs. These new hydrants will aid in the cleaning and maintenance of the reservoir covers.
 - Staff proactively replaced the six year old large starter batteries for the emergency generator.
 - Staff conducted a tour of the plant for 50 students from Bonita High School.
 - Staff participated in Confined Space training conducted by JPIA.

6. TVMWD Imported Water Purchases – Water Supply Allocation Plan and Calendar Year Data [2]

Calendar Year (Tier 1) information was through March 2010. Water Supply Allocation Plan (WSAP) information is reported on a fiscal year and was reported for the period July 2010 through March 2010.

For the first quarter of 2010 a total of 7,767 AF Tier 1 water was delivered. The total Tier 1 allowance to the District is 70,400 AF. The balance at the end of the first quarter was 62,632 AF and is trending well below this same period during 2009.

For FY 2009-10 the total Water Supply Allocation to the District is 64,030 AF. For the nine months ending March 2010 a total of 40,266.7 AF has been delivered with a remaining balance available of 23,763.3 AF with three months remaining. Based on this data, it is anticipated that the trend will continue to stay within the allocation and may actually result in 5-6K AF below allocation. Staff will continue to monitor the trends and take advantage of all opportunities to use every drop of available water via groundwater recharge.

Mr. Hansen suggested that one consideration being looked at is to offer excess water available to either or both the Main San Gabriel Basin parties (within TVMWD) and the Chino Basin parties (within TVMWD). Pricing for the sale of the excess water to these agencies would be at the Untreated Tier 1 price, with an option to reconcile with a Tier 2 penalty that might result due to currently undetermined needs that may occur later in the calendar year.

The City of Pomona inquired about the spreading activities by TVMWD at the San Antonio Spreading Grounds (SASG). Beginning 4/1/2010, 10 ccf was spread at SASG. The goal is to spread 1,000 AF within the next 50 days.

There has not been any spreading activity at the Live Oak Spreading Grounds. The District is working with producers to determine the next course of action. This item will be on the agenda for the next Member Agency Managers Meeting.

Mr. Lantz inquired whether the District had estimated and/or knew the total natural runoff available to capture in the Basin. Staff reported that storage capacity at the Upper Claremont Heights Basin is 23,000 AF; however actual runoff from San Antonio Creek is unknown. The District is not capturing any runoff from San Antonio; this is actually being performed by Pomona Valley Protective Association. The capture is not metered above the dam, only as it enters the San Antonio Spreading Grounds.

7. Miramar Project Updates [2]

A. Miramar Transmission Pipeline Repairs

A Request for Proposal (RFP) is in the process of being developed and will be released within the next two weeks. Staff expects to bring the results of the RFP to the June PPD Committee for approval to move on to the full Board for their consideration.

B. Miramar Landscape Project

The Landscape project was completed on March 1, 2010. For the next 60 days weekly maintenance and upkeep will be performed by the contractor as part of the agreement. This will conclude on April 30, 2010. The District will be soliciting proposals for a new long-term maintenance contractor.

C. Miramar Filter Issues

As reported previously, the eight Miramar WTP filtration units had been experiencing media loss (anthracite and sand) during the backwash process. Media filter numbers 3 and 6 were topped off and staff initiated a new test regime to attempt to determine the cause of the media loss. Operations monitored the new backwash regime for a four week period. The results revealed that the loss was negligible. If this trend continues, new media will be purchased and placed in all filters and the backwash rate will be adjusted to the new, safe level. If the trend changes and we again begin to experience measurable loss, it may become necessary to have an engineering consultant analyze other probable causes and provide remediation recommendations.

D. Sedimentation Basins Structural Inspection

The two Miramar WTP sedimentation basins were constructed more than 20 years ago and have been maintained diligently by operations staff each winter. Recently the District hired Harper & Associates, a structural engineering firm, to complete a full inspection; their final report is expected to be delivered mid-April. Preliminary indications are that the contract joints need new backer rod and sealant; spalling concrete needs repair; some corroded steel attachments need blasting and recoating; and most critical – extensive cracks need repair via grout injection. The preliminary cost estimate is \$100,000 and is included in the Asset R/R category in the draft 2010-11 budget.

To complete the repairs it is likely the sedimentation basins will need to be taken out of service. Operations will coordinate this with MWD's shutdown of the Rialto Feeder and Miramar WTP to minimize any impact this will cause to the member agencies.

During budget year 2011-12 the District will seek to include the extensive paving work that is anticipated. The most severe areas will be patched using funding from the remaining 2009-10 budget.

E. HVAC Replacement

The District recently replaced the original HVAC systems in both the operations and administration areas of the building. It was determined that due to escalating repair costs it was more cost effective to replace the units. The new HVAC system is rated to be 44% more efficient than the previous system. The total replacement cost for the combined systems was \$31,550, well under the \$50,000 budgeted in the 2009-10 fiscal year.

F. Miramar Tracer Study

A notice to proceed was issued to Malcolm Pirnie to initiate the Tracer Study for the Miramar WTP. Contact has been made with the California Department of Health (CDPH) to coordinate the next steps in the process. Malcolm Pirnie is developing a work plan for the project with input from Operations staff. The draft work plan will be reviewed by the District prior to seeking approval from the CDPH. Staff will continue to update the PPD Committee on the progress related to the Tracer Study.

G. WFA Treated Water Interconnection

Negotiations have resumed. A status report will be made to the TVMWD Board of Directors at an appropriate time in the near future.

8. Other Projects and Issues Update [2]

A. TVMWD Groundwater Storage in Six Basins

At its recent member agency meeting, TVMWD and its member agencies engaged in dialogue regarding spreading excess water in the San Antonio Spreading Grounds (SASG) through its SASG Conjunctive Use Project imported water spreading connection (SASG-CUP).

The intent is to spread approximately 1,000 AF during the month of April in accordance with TVMWD's Storage and Recovery agreement with Six Basins Watermaster. Up to an additional 5,000 AF of the District's surplus MWD Year 1 Water Supply Allocation Plan water may be spread before June 30, 2010. It is projected that by spreading up to this amount when the water is available at MWD's full-service (raw) Tier 1 cost presents a low risk of any penalties associated with exceeding the District's Tier 1 allowance.

B. Groundwater Replenishment in Other Basins

During March 2010 the District held a special meeting with its member agencies to discuss the potential of spreading the WSAP surplus water mentioned in Agenda Item A above, for the benefit of all parties. Following discussion at this meeting regarding the potential benefits, risks, costs and logistics, it was left to the producers to determine how they wanted to proceed and to notify TVMWD as soon as possible, noting that the opportunity window for this action is short (April-May). As of today's meeting, the District is still awaiting status from the member agencies.

C. SGVMWD-CIC Interconnection

After many months of negotiations among the parties the Exchange Agreement for this project has been informally finalized; the District is awaiting a final copy of the agreement for signature. Staff is proceeding with Civiltec to begin the process for construction of the interconnection. It is anticipated that this item will be entered as a change order on the existing E.J. Meyers agreement that Civiltec is managing for Covina Irrigation District (CIC). Mr. Lantz inquired whether it would be prudent to seek additional bids since the change order could be several hundred thousand dollars. Staff provided history and logic why a change order versus new bid process was considered.

Mr. Hansen explained that the District, anticipating an agreement with CIC, appropriated \$650,000 in the 2009-10 budget to begin work on this project once the Exchange Agreement was finalized. At this point we are at the junction where the District needs to sit down with the parties, CIC and Walnut Valley Water District, concerning the when, where and how of who will pay for the project. WVWD staff present agreed with this. A meeting among the parties will be scheduled to proceed in the near future.

D. Main San Gabriel Basin Groundwater Recovery Project

Earlier this year member agencies – Walnut Valley Water District, Rowland Water District, Covina Irrigation Corporation, along with the cities of Glendora and Azusa approached the District to pay for the consultant, Civiltec to analyze the feasibility of a multi-agency groundwater treatment facility at Glendora’s Irwindale Plant in Azusa. The study, at a cost of \$97,670 has been finalized. The executive summary of the study highlights a \$66M capital project that will produce 24,200 acre-feet per year. The amortized cost of the water would be \$490/AF, not including the cost of replenishment water. Now that the feasibility study has been completed the parties are in a position to seek additional outside funding.

Mr. Lantz requested a copy of the complete feasibility study. Staff indicated that the full report is in the possession of Mr. Deck, Rowland Water District and that he has full distribution rights. Mr. Lantz’ request was directed to Mr. Deck.

Mr. Deck affirmed that the project has been allocated \$500,000 by Water Quality Authority to complete the environmental work and preliminary engineering. The reimbursement rate on the project is 25%.

E. Pomona Groundwater Recovery Project and Water Resource Issues

Staff did not have any new information to report to the Committee. Staff present from the City of Pomona affirmed that the RFP process is underway for its Water Resource Master Plan. Staff advised Committee that this project is similar in concept to that discussed previously in Agenda Item D and that Pomona has options for a groundwater recovery project in the La Cienega and Palomares Basins.

Mr. Lantz inquired whether the City of Pomona had a target date for getting their RFP approved by the City Council. Pomona staff indicated that the target date for City Council approval was April 2010. Pomona staff indicated that a total of six proposals were received, narrowed to three and that only one proposal has been selected to move forward to the City Council for approval. Mr. Lantz requested that City staff send him a copy of the RFP for this project.

F. Claremont Heights Basins Coordinated Groundwater Management Study

Staff provided comments to Camp Dresser McKee on the first draft of the referenced study. A final draft has been received by staff. Following review by staff the final draft will be distributed to the workshop participants.

G. MWD and Other Issues

Staff reported that the main issues at MWD involve the new rate options and budget presently under consideration by the MWD Board. This will be discussed in more detail during the Finance Committee meeting.

Staff reported that MWD continues to prepare its Urban Water Management Plan (UWMP) which draws upon data/analysis from its IRP. A draft copy of MWDs UWMP is expected to be available May 2010.

H. Claremont School of Theology / Uncommon Good Organization

The non-profit group, Uncommon Good approached TVMWD to discuss a project they are working on to construct a sustainable development/headquarters building that will be built behind the Claremont School of Theology property. Many issues were discussed such as a distribution point for conservation materials for the District, and the development of a community garden. It is not fully clear exactly how the group is hoping to partner with TVMWD; however it is perceived that they may want to partner with the District to develop an underground cistern to capture water that crosses through this property (up to 53,000 gallons). It is still undetermined whether the group is seeking a financial partner, or whether they are seeking assistance to obtain grants for their project. In an effort of good citizenry in our own backyard, the District is willing to entertain hearing what the project is about and how we can be of assistance without making any firm commitments at this time. If any specific requests for funding are made the District will bring back to the Board for approval.

9. General Manager's Report/Miscellaneous Correspondence [2]

General Manager Hansen advised the Committee that the standing dates for the May Committee meeting conflicts with the ACWA Spring Meeting in Monterey that at least two of the Committee members and staff plan to attend. Chairman Bowcock asked staff to alert him regarding any action related items for the Committee early during the first week of May. If there are not any action items the PPD Committee meeting for May will be cancelled. If action items are necessary, we will hold a special PPD Committee meeting during the second week of May on May 12, 2010.

10. Future Agenda Items [2]

There were not any requests for future agenda items

11. Adjournment

Chairman Bowcock adjourned the PPD Committee at 9:00 a.m. to a May date to be determined.

/s/ Brian Bowcock
Chairman, PPD Committee
Three Valleys Municipal Water District

Recorded by: Victoria A. Hahn
Executive Assistant