

# VALLEY CENTER MUNICIPAL WATER DISTRICT

Regular Board Meeting  
Monday, October 16, 2017  
Time: 2:00 P.M.  
Place: Board Room  
29300 Valley Center Road  
Valley Center, CA 92082

The Valley Center Municipal Water District Board of Directors' meeting was called to order by President Broomell at 2:00 P.M.

## **ROLL CALL**

Board members present were: Directors Broomell, Polito, Aleshire, Haskell and Ferro. Staff members present were: General Manager Arant, General Counsel De Sousa Mills, District Engineer Grabbe, Finance Director Pugh, IT Director Pilve, Director of Operations/Facilities Hoyle, Manager of Accounting Velasquez, Project Manager Williams, Pumps and Motors Supervisor Rutherford, SCADA IT Administrator Pham, Safety and Regulatory Compliance Supervisor Olson, and Executive Assistant Johnson. Spectators present were: Jacqueline Howells – HGR.

## **AGENDA CHANGE**

Agenda item 7, Wilkes Road Pipeline Extension Project, moved to end following the closed session.

## **CONSENT CALENDAR**

### **1. Upon motion by Polito, seconded by Haskell and unanimously carried, the following consent calendar items were approved:**

- Minutes of the Board meeting held September 18, 2017
- Audit demand check numbers 149747 through 149961 for September 7 through October 4, 2017 and wire disbursements for September 2017
- Treasurer's Report for month ended August 31, 2017
- Annual Report of Professional and Consulting Agreements/Contracts for FY 2016-17
- Quarterly report of employees' expense reimbursements for the quarter ending September 30, 2017

## **ACTION AGENDA**

### **2. SCADA Project Update:**

An update on the status of the District's SCADA Project was provided by Pumps and Motors Supervisor Rutherford. Staff is currently working on three SCADA Capital

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Improvement Projects: 1) Completing the remaining original SCADA sites; 2) Automating the bypass valve controls; and 3) Upgrading the natural gas engine controls. Development and implementation of a SCADA site consists of five stages:

- Design & purchasing of equipment
- Site construction
- Installation of equipment & programming
- HMI (Human-Machine-Interface) Development, and
- Switchover & site testing

Multiple sites are routinely in different stages of implementation reported Mr. Rutherford. This allows staff to meet other department obligations and to advance the SCADA projects as efficiently as possible.

There are currently 45 fully completed and operational water and wastewater SCADA sites. Of the remaining original SCADA sites, HMI screens are currently being developed for the Hauck Mesa Pump Station and should be online soon. Seven sites are ready for HMI development but, due to the Woods Valley Expansion, there is a shortage of manpower. The last two will be completed with future pump station upgrades.

The Bypass Valve Automation Project consists of installing new bypass valves and remote automation controls at Miller and Oat Hill Pump Stations and adding remote automation to the existing bypass valves at Valley Center and Couser Pump Stations. All four facilities are awaiting installation of the SCADA controls and automation equipment and HMI programming. The District's bypass valves are currently operated manually by staff in the field.

The Natural Gas Engine Automation Project will upgrade the existing engine controls at Betsworth Forebay and Valley Center Pump Station. The new controls will provide improved diagnostic abilities, engine data logging and alarms, and pre-determined operator controlled set points. Construction is currently underway on Betsworth Gas Engine #4.

Lower Moosa Canyon WRF SCADA/HMI Upgrade Project consists of upgrading the current Wonderware HMI software to Ignition HMI software. The current software is over 10 years old. The Ignition software is less expensive to maintain and will use the same infrastructure as the software at Woods Valley WRF. Funding for this project will be requested in FY 2018-19.

Integration of Solar Data to HMI – Staff currently relies on three different websites for solar production data and inverter alarms. Two of the websites are provided by the inverter manufacturer as a free service; however, the manufacturer is not obligated to continue this service. Staff will propose in a future budget that the solar data and alarms be integrated into the HMI Pump Station screens.

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The ability to remotely operate, monitor and gather additional data at each facility allows the District to meet the more stringent water and air quality standards regulations and to work more efficiently and cost effectively.

**3. County Road Waterline Relocation Projects Budget Amendment:**

The County of San Diego notified staff last May that they would be upgrading storm drains at several locations within the District's service area. Their upgrades impact an 8-inch AC pipe in West Lilac Road in two locations; south of Covey Lane and north of Lilac Ridge. Because the pipelines are in the County Right-of-Way, the District is obligated to move its facilities.

Staff established an initial budget of \$10,000 for preliminary planning, facility design, coordination, and bid services for the two locations.

Construction drawings and scopes of work for each location were submitted for quotes from three contractors who have previously performed this type work for the District. Due to the tight construction schedule and short response time, Drave's Pipeline and Bert W. Salas, Inc. stated that they could not meet the proposed timeframe. Gratzl Heavy Equipment Rental submitted a quote of \$34,487 for each location. In 2016, Gratzl assisted District staff with repairs to the 42" pipeline break.

Adding \$15,500 for District staff time and contingencies for each project, staff recommended approval of Resolution No. 2017-25 amending the FY 2017/18 annual budget to transfer \$100,000 from the Upsizing and Unspecified Replacement Projects Account [01-06-78-51020] to establish project budgets for the West Lilac S/O Covey and West Lilac N/O Lilac Ridge Relocation Projects at \$50,000 each.

**Upon motion by Aleshire, seconded by Polito and unanimously carried, the following resolution, entitled:**

**RESOLUTION NO. 2017-25  
RESOLUTION OF THE BOARD OF DIRECTORS OF  
THE VALLEY CENTER MUNICIPAL WATER DISTRICT  
AMENDING THE FY 2017/18 BUDGET TO APPROPRIATE FUNDS FOR THE  
COUNTY ROAD IMPROVEMENT WATERLINE RELOCATION  
PROJECTS**

**was adopted by the following vote, to wit:**

**AYES: Directors Broomell, Polito, Aleshire, Haskell and Ferro**  
**NOES: None**  
**ABSENT: None**

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**GENERAL MANAGER'S AGENDA**

**4. San Diego County Water Authority's Board of Directors Meeting:**

General Manager Arant reported on the following items from the SDCWA Board of Directors' Meeting of September 28, 2017:

- The California Supreme Court refused to hear the Water Authority's appeal on the rate litigation case. The ruling of the appellate court is confirmed. Of the ten issues the Water Authority was litigating, the transportation rate, which was the largest dollar amount, was the only one they lost. Of the items won, the Miscalculation of Preferential Rights by Metropolitan will be corrected and the Water Authority will receive another 100,000 acre feet of preferential rights. The Stewardship Rate, which about half is used for developing local supplies, was being applied by MWD to its transportation rate. This will be changed to the supply rate. The Water Authority is also looking to recoup significantly on attorney fees.
- The Water Authority Board of Directors has received letters from the Municipal Water District of Orange County and other MWD agencies stating that it is time to change course away from ongoing litigation and try to work out some of the issues and establish a more positive relationship. A number of SDCWA member agencies have responded in a positive fashion stating that they agree.
- The Water Authority has determined it will be more cost effective to serve the most northern connection and the Yuima connection through VCMWD's system rather than build a new facility. The District will be entering into an Engineering contract with the SDCWA to do the work.

**MISCELLANEOUS**

5. General Manager Arant reported that Senate Concurrent Resolution 80 was signed into law which officially designated October 7 through the 15<sup>th</sup> as "Water and Wastewater Professionals Week." An article appeared in the Roadrunner in recognition.

**GENERAL COUNSEL**

6. General Counsel de Sousa Mills reported that BB&K had been tracking 518 legislative bills in Sacramento this session. Of those, 78 were vetoed and they are going through the others to see how water agencies are affected.

SB 5, a \$4B bond measure for water and parks, passed. \$1B of it is for water projects. This will be on the ballot in June 2018.

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**CLOSED SESSION:**

**7. A closed session was called by President Broomell at 2:59 p.m.**

- Government Code §54956.9(d)(4) – Conference with Legal Counsel, Potential Litigation. Number of cases: one.

**RECONVENE**

**8. The regular Board of Directors meeting reconvened at 3:17 p.m. There was no reportable action.**

**ACTION AGENDA (Continued)**

**9. Wilkes Road Pipeline Extension Project Budget Amendment:**

The District's contractor on the Wilkes Road Pipeline Extension Project, Underground Pipeline Solutions, Inc. abandoned the project in July leaving the job unfinished. Staff has been working with legal counsel and the contractor's surety to develop a plan to complete the remaining work. While an acceptable settlement is anticipated, it will take additional time. Staff desires to complete the project as soon as possible and eliminate any inconvenience the project is causing to the adjacent property owners.

Quotes have been solicited for the remaining work as two separate items, "Clean-up" and "AC Paving." The paving contract includes \$16,000 for additional chip sealing to cover the full street width that was not in the original contract.

<b>AC Paving</b>	
Southland Paving	93,088
Eagle Paving <sup>1</sup>	59,681
<b>Joe's Paving</b>	<b>63,780</b>

<sup>1</sup> Quote did not meet scope of work

<b>Clean-Up</b>	
<b>Bert W Salas, Inc.</b>	<b>29,760</b>
Gratzl Heavy Equip.	37,500
LAP Pipeline <sup>2</sup>	N/A

<sup>2</sup> Did not respond to request for quote

Due to the delays and abandonment by the contractor, the available project funds have been depleted. Staff has determined that \$140,000 is needed to complete the project, as follows:

<b>Description</b>	<b>Amount</b>
Project Deficit	20,910
District Staff	5,000
AC Pavement	63,780
Clean Up	29,760
Soils/Materials Testing	1,870
Miscellaneous	9,910
Contingency	8,770
<b>Total</b>	<b>\$140,000</b>

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Staff requested a budget amendment to cover the cost of completing this project including the \$16K additional for seal coating. There is \$20,000 available from the contractor's withheld retention, leaving \$120,000 to come from capital reserves. Staff and BBK will continue to negotiate with the contractor's surety in an attempt to collect funds for the additional expenses and uncompleted work.

**Upon motion by Aleshire, seconded by Haskell and unanimously carried, the following resolution, entitled:**

**RESOLUTION NO. 2017-24  
RESOLUTION OF THE BOARD OF DIRECTORS OF  
THE VALLEY CENTER MUNICIPAL WATER DISTRICT  
AMENDING THE FY 2017/18 BUDGET TO OBTAIN ADDITIONAL  
FUNDING FOR THE WILKES ROAD PIPELINE EXTENSION PROJECT**

was adopted by the following vote, to wit:

**AYES: Directors Broomell, Polito, Aleshire, Haskell and Ferro  
NOES: None  
ABSENT: None**

**ADJOURNMENT**

**10. Upon motion by Aleshire, seconded by Haskell and unanimously carried, the regular meeting of the Board of Directors was adjourned at 3:25 p.m.**

**ATTEST:**

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**President**

\_\_\_\_\_  
**Secretary**

**Approved at a regular meeting of the Board of Directors on November 6, 2017**