

**Metropolitan Domestic Water Improvement District
Board of Directors Meeting**

April 8, 2013

Monthly Status of the District – March 2013

Synopsis

The purpose of this agenda item is to provide the Board with an update of the District's activities for the past month. This is not an action item, but is meant to provide information to the Board and give a clearer picture of the District's activities.

March 2013 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

Month of March 2013 – 147,274,600 gallons
Same period last year – 169,389,100 gallons
Month of February 2013 – 159,299,000 gallons
FY12-13 Year to Date – 1,729,092,200 gallons
FY11-12 Year to Date – 1,786,131,400 gallons

Amount of Water Consumed in Metro Hub

Month of March 2013 – 15,402,900 gallons
Same period last year – 17,970,600 gallons
Month of February 2013 – 16,805,400 gallons
FY12-13 Year to Date – 211,575,000 gallons
FY11-12 Year to Date – 209,134,300 gallons

Amount of Water Consumed in Metro Southwest

Month of March 2013 – 7,024,500 gallons
Same period last year – 6,924,100 gallons
Month of February 2013 – 9,131,200 gallons
FY12-13 Year to Date – 81,707,900 gallons
FY11-12 Year to Date – 80,092,100 gallons

Revenue Metered Sales Billed in March 2013 – Grand Total \$ 1,019,199.71

Metro Main – \$ 891,031.09
Metro Hub – \$ 78,135.73
Metro Southwest – \$ 50,032.89

Last Year Revenue Metered Sales Billed in March 2012– Grand Total \$ 1,047,618.05

Metro Main – \$ 912,960.21

Metro Hub – \$ 84,731.10
Metro Southwest – \$ 49,926.74

Water Quality Samples

79 Microbiological samples taken from the distribution system.
10 Microbiological samples taken from the District's active wells.
35 Lab/field test samples for arsenic, nitrate, IOCs, and VOCs.

Status of Compliance with Regulatory Requirements

District is in compliance with its regulatory requirements.

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in March 2013:

1. Completed alternate fill line at E&T 22 from E&T 23.
2. Completed Escondido Well discharge line for direct system delivery.
3. Hub 3 media sent to Layne for regulation.
4. Replaced Thornydale Well contractor.
5. Replaced broken 6" valve on Nutmeg.

PRV Inspections – 79

Valves Exercised – 0

Meter Replacements

Meters Replaced – 11
Meters Tested – 0

New Meter Installs – 22

Customer Accounts

Total Customers – 19,858

Turn-on for New Accounts – 222

Delinquent Accounts – March 2013

Initial Shut Off Notices – 1,076
Final Shut Offs – 79

High Consumption Contacts – 40

Service Orders & Work Orders – Total performed: 52

Service Orders (generated from customers calling in with a problem):
Metro Main – 28

Metro Hub – 6
Metro Southwest – 4
Work Orders (generated by staff when a need to perform additional work is recognized):
Metro Main – 2
Metro Hub – 6
Metro Southwest – 6

Water Sustainability Projects

Avra Valley Recharge Project (AVRP) – A total of 2,053 acre-feet was recharged in 2013 at AVRP as of March out of the 7,117 acre-feet scheduled for 2013. In addition, 883 acre-feet is scheduled for the Arizona Water Bank.

Amount of Water Recharged at AVRP:

Month of March 2013 – 244,062,400 gallons
Same period last year – 245,365,800 gallons
Month of February 2013 – 210,499,800 gallons

South Shannon Treatment System – As of January 15, 2013, approximately 60 million gallons of water has been treated since the nineteenth carbon change-out on October 3, 2012. The well was temporarily turned off for maintenance on January 16, 2013. Since its startup in July 2006, 1.3 billion gallons of water has been treated by the treatment system. Since 2000, \$793,604.97 has been reimbursed from ADEQ. The well is down for maintenance. Staff is preparing the 1st quarter 2013 reimbursement request to ADEQ.

Metro Southwest – Diablo AWS – Staff is waiting to submit the Designation for Assured Water Supply and Central Arizona Groundwater Replenishment District Member Service Area applications. Two assured water supply agreements with the developers are near completion and will be brought to the Board for approval.

Non-Indian Agricultural Water – The Arizona Department of Water Resources (ADWR) has finalized a process to allocate 34,629 acre-feet of Non-Indian Agricultural (NIA) water to municipalities. Staff attended an applicant information meeting on March 12, 2013. Applicants are limited to requesting up to their projected 2020 water demands. Metro Southwest – Diablo Village’s demand would be 286 acre-feet in 2020. CAP has set a one-time payment for the allocation at \$1,288 per acre-foot for a total cost of \$383,368. The District could sell recharge credits to pay for the allocation. NIA water is subject to shortages on the Colorado River. ADWR estimates the supply is 66 percent reliable over the next 100 years; therefore, ADWR is requiring applicants to prove they have a renewable back supply (effluent, CAP water) during shortages. The District would have the option to use its effluent recharge credits. Staff will report back to the Board in May if an application is recommended or not. Applications are due to ADWR on June 14, 2013.

Annual ADWR and CAGR Reports – 2012 Groundwater Use Reports for Metro Main, Metro Hub, Metro Southwest, and Metro West were delivered to ADWR on April 1, 2013. In addition, the 2012 Recovery Well Report for Metro Main was submitted to ADWR along with the Annual Recharge Report. Lastly, the 2012 Annual CAGR Reports for Metro Main and Metro West were sent to CAGR on April 1, 2013.

Capital Improvement Program & Other Major Projects

Magee Road, Shannon Road to Thornydale Road and Shannon Road Transmission Main – Pima County plan approval obtained on August 25, 2011. Project began bidding on September 6, 2011, with bids being opened on September 29, 2011. Construction contract was awarded to Innova Engineering during the October 12, 2011 meeting. A notice to proceed was issued for January 9, 2012. Construction was completed in February 2013. A final project change order is being sent to the District Board for approval to allow project close-out to be completed.

Riverside Well Transmission Main – The design contract was awarded to Westland Resources on February 14, 2011. A notice-to-proceed was issued on February 28, 2011. Design was completed in February 2012. A portion of the project in conflict with the Pima County Lulu Walker project was completed in May 2012. Project bid began on September 17, 2012 and bids received on October 17, 2012. Project was awarded to Action Pipeline during the November 2012 Board meeting. A pre-construction meeting was held on November 27, 2012 and construction started on December 10, 2012. Construction was completed in March 2013 and project close-out is continuing.

Riverside Well Improvements – Design of the well site improvements was completed by the District's Miscellaneous Design Consultant, EEC Engineering. Design was completed in July 2012. Bid advertisement began on November 19, 2012 and bids were received on December 19, 2012. The construction contract was awarded to the Ashton Company during the January 14, 2013 meeting. A pre-construction meeting was held on February 12, 2013. Construction started on March 18, 2013 and is continuing. Completion is anticipated during July 2013.

Fruchthendler Well Improvements – The District's Miscellaneous Design Consultant, EEC Engineering, completed the design of the project. Bidding on the project to commence during April 2013 with construction award planned for the May 2013 Board meeting.

Old Magee Trail Well Improvements – A notice-to-proceed was issued to the District's Miscellaneous Design Consultant, EEC Engineering, for the well site improvement design. Bid advertisement to commence in March 2012 with construction contract award in April 2012. Pima County approved plans on March 13, 2012 and bid advertisement began on March 19, 2012. Bids were received on April 18, 2012 and construction contract was awarded to the Ashton Company on April 30, 2012. A pre-construction

meeting was held on June 7, 2012 and a construction notice to proceed was issued effective June 19, 2012. Construction was anticipated to start in early July 2012, however due to several rain events wet soil conditions delayed start to mid-August 2012. Construction acceptance occurred in February 2013 and project close-out was completed in March 2013.

Orange Grove Rd., Camino de la Tierra to La Cholla – Pima County utility plans received in September 26, 2011. Due to staff workload, design was done by the District's Miscellaneous Design Consultant, EEC. Pima County plan approval was obtained on July 16, 2012 and the bid process commenced on July 16, 2012. Bids were received on August 29, 2012 and the construction contract awarded on September 10, 2012. A pre-construction meeting was held on October 30, 2012 and a notice-to-proceed was issued November 19, 2012. Construction is continuing with completion anticipated in May 2013.

Magee Road, La Canada Drive to Oracle Road – Received PCDOT Utility Plans on October 17, 2011. Design commenced in December 2011. Pima County plan approval was received on July 10, 2012 and the bid process commenced on July 16, 2012. Bids were received on August 29, 2012 and construction contract awarded on September 10, 2012. A notice-to-proceed was issued for November 19, 2012. Construction of the waterline relocations was completed in February 2013 and project close-out was completed in March 2013.

Pantano Road Transmission Main – The design contract was awarded to Westland Resources on January 9, 2012. A notice-to-proceed was issued on January 23, 2012. The consultant has received a few comments from Pima County and is addressing them and will re-submit plans to Pima County for approval.

Oracle/Ina Intersection Improvements – Pima County final plans for utilities were received on April 12, 2012. Conflicts with the proposed storm drains will require the lowering of existing waterline at three locations. Advertising commenced on November 5, 2012 and bids were received on November 28, 2012. The construction contract was awarded during the Board's December 2012 meeting to Select Development. Construction commenced on January 23, 2013. Construction of the waterline relocations is complete. Punch list work is ongoing, with project close-out anticipated in March 2013.

For additional information regarding this report, the Board can also refer to the more detailed reports from the Utility and Engineering Teams. The Board should feel free to request any additional information that it would like to see on this report. Staff is prepared to discuss any questions that the Board may have regarding this report.

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Respectfully Submitted,

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General Manager