

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

November 14, 2011

Monthly Status of the District – October 2011

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.

October 2011 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

Month of October 2011 – 215,782,100 gallons
Same period last year – 237,945,000 gallons
Month of September 2011 – 244,169,900 gallons

Amount of Water Consumed in Metro Hub

Month of October 2011 – 25,231,900 gallons
Same period last year – 25,509,100 gallons
Month of September 2011 – 26,870,900 gallons

Amount of Water Consumed in Metro Southwest

Month of October 2011 – 9,683,100 gallons
Same period last year – 9,120,900 gallons
Month of September 2011 – 10,182,200 gallons

Amount of Water Recharged at AVR P

Month of October 2011 – 195,510,600 gallons
Same period last year – 37,798,716 gallons
Month of September 2011 – 216,969,438 gallons

Revenue Metered Sales Billed in October 2011 – Grand Total \$ 1,277,340.77

Metro Main – \$ 1,099,955.01
Metro Hub – \$ 119,488.41
Metro Southwest – \$ 57,897.35

Last Year Revenue Metered Sales Billed in October 2010 – Grand Total \$ 1,280,548.73

Metro Main – \$ 1,116,990.55
Metro Hub – \$ 109,126.32
Metro Southwest – \$ 54,431.86

Water Quality Samples

79 Microbiological samples taken from the distribution system.
35 Microbiological samples taken from the District's active wells.
85 Lab/field test samples for arsenic, nitrate, IOCs, metals 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 October 2011:

1. Completed GAC change-out at Shannon.
2. Started poly service line replacements at Hub on Larrea Lane.
3. Continued electrical upgrade/relocation at Hub Reservoir.
4. Replaced service line on Camino Bajio.
5. Installed Chlorine system at Lazy B.

PRV Inspections – 81

Valves Exercised – 75

Meter Replacement Program

Meters Replaced – 0
Meters Rebuilt – 0
Meters Tested – 0

New Meter Installs – 4

Customer Accounts

Total Customers – 19,826

Turn-on for New Accounts – 196

Delinquent Accounts – October 2011

Initial Shut Off Notices – 774
Final Shut Offs – 92

High Consumption Contacts – 14

Service Orders & Work Orders – Total performed: 59

Service Orders (generated from customers calling in with a problem):

Metro Main – 44

Metro Hub – 4

Metro Southwest – 0

Work Orders (generated by staff when a need to perform additional work is recognized):

Metro Main – 11

Metro Hub – 0

Metro Southwest – 0

Hydrology Projects

Old Magee Trail Well – Well drilling is completed.

South Shannon Treatment System – As of October 24, 2011, approximately 59 million gallons of water has been treated since the fifteenth carbon change-out on June 24, 2011. The sixteenth carbon change-out occurred on October 25, 2011. Since its startup in July 2006, 1.042 billion gallons of water has been treated by the treatment system. For calendar year 2011, a total of \$74,618.72 has been received from ADEQ. Since 2000, \$655,159.07 has been reimbursed from ADEQ. Staff received the 3rd quarter reimbursement payment from ADEQ.

2011 CAP Order – As of October 31, 2011, one hundred percent of the District's 10,494 acre-feet CAP order for 2011 has been recharged; a total of 6,065 acre-feet at AVRVP and 4,429 acre-feet at groundwater savings facilities.

2012 CAP Order – The District ordered 11,236 acre-feet for 2012, which is an all-time high; a total of 6,436 acre-feet at AVRVP and 4,800 acre-feet at groundwater savings facilities. The Town of Marana's storage contract is for 1,636 acre-feet of the 6,436 acre-feet at AVRVP. Staff will learn in December if the Arizona Water Banking Authority will store 1,636 acre-feet at AVRVP.

Winter 2011/2012 Water Level Monitoring – Hydrology has scheduled annual water level measurements and 12 specific capacity tests for the 2011/2012 Winter season. Measurements at 66 wells will begin on December 1, 2011 and go through the end of January. Once again the automated water level form will be utilized in the field and Utility staff will aid in measurements at active well sites.

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. Construction is anticipated to start in late November 2011.

La Cañada Drive ‘A’ Zone Transmission Main and Waterline Relocations, Ina Road to River Road – Final plan approval was obtained from Pima County on July 8, 2011. Bids were opened on September 1, 2011 and the construction contract was awarded to Action Pipeline during the September 12, 2011 Board Meeting. Construction started on October 31, 2011.

Magee Road, Shannon Road to La Cañada Drive Waterline Relocations – Plan approval was received on November 19, 2010 and the bid process began on November 23, 2010. Bids were received on December 29, 2010 and the construction contract was awarded to Innova Engineering on January 10, 2011. A pre-construction meeting was held on January 28, 2011 and a notice to proceed was issued for February 22, 2011. Construction completion is anticipated in December 2011.

La Cholla Boulevard Waterline Relocations, Magee Road to Overton Road – Pima County plan approval was obtained on August 25, 2011. Bid process commenced on September 26, 2011 and bids were received on October 26, 2011. Construction contract award is planned for the November 14, 2011 Board Meeting.

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. The consultant submitted 30% plans for review in mid-June 2011. District comments were returned to the consultant in late June 2011. The consultant submitted 60% plans for review in late July 2011 and District comments were returned to consultant in mid-August 2011. Design completion is expected in December 2011.

Riverside Well Improvements – Design of the well site improvements is being done by the District’s Miscellaneous Design Consultant, EEC Engineering.

Fruchthendler Well Improvements – A notice-to-proceed has been issued to the District’s Miscellaneous Design Consultant, EEC Engineering, for the well site improvement design. Design currently on hold until consultant completes Magee Trail and Riverside Wells.

Magee Trail Well Improvements (New Matter Well) – A notice-to-proceed has been issued to the District’s Miscellaneous Design Consultant, EEC Engineering for the well site improvement design. The consultant submitted 30% plans for review July 2011 and District comments returned to consultant. The consultant submitted 60% plans on August 29, 2011, and comments were returned to the consultant in mid-September 2011. New well data is expected in early November 2011 to allow completion of plans in December 2011.

Orange Grove Rd., Camino de la Tierra to La Cholla – Pima County utility plans received in September 26, 2011. Approximately 1,500 lineal feet of existing pipe will be required to be relocated.

Magee Road, La Canada Drive to Oracle Road – Received PCDOT Utility Plans on October 17, 2011. Design to commence in November 2011.

For additional information regarding this report, the Board can also refer to the more detailed reports from the Utility and Engineering Divisions. 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.

Respectfully Submitted,

Mark R. Stratton, P.E.
General Manager