

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

November 10, 2014

Monthly Status of the District – October 2014

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 2014 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2015 Year to Date – 1,933,621,200 gallons

FY 2014 Year to Date – 2,011,458,000 gallons

Amount of Water Consumed in Metro Hub

FY 2015 Year to Date – 239,414,800 gallons

FY 2014 Year to Date – 243,836,200 gallons

Amount of Water Consumed in Metro Southwest

FY 2015 Year to Date – 44,440,700 gallons

FY 2014 Year to Date – 42,815,200 gallons

Revenue Metered Sales Billed in October 2014 – Grand Total \$ 1,230,916.25

Metro Main – \$ 1,060,791.91

Metro Hub – \$ 109,826.25

Metro Southwest – \$ 60,298.09

Last Year Revenue Metered Sales Billed in October 2013 – Grand Total \$ 1,314,232.96

Metro Main – \$ 1,138,050.78

Metro Hub – \$ 115,805.22

Metro Southwest – \$ 60,376.96

Water Quality Samples

81 Microbiological samples taken from the distribution system.

10 Microbiological samples taken from the District's active wells.

125 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 2014:

1. South Shannon GAC change-out.
2. Replaced 3” meter at Tucson National.
3. Repaired broken water main on Lucero Road.
4. Potholed for existing water line location on Meredith Blvd.
5. Replaced transducer junction boxes at AVRP.

PRV Inspections – 84

Valves Exercised – 9

Meter Replacements – 0

Meters Tested – 0

ERTs Replaced – 1

New Meter Applications – 8 total

Metro Main – 7

Metro Southwest – 1

Customer Accounts

Total Customers – 20,274

New Accounts – 261

Delinquent Accounts – October 2014

Initial Shut Off Notices – 1,461

Final Shut Offs – 83

High Consumption Contacts – 89

Service Orders & Work Orders – Total performed: 133

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

Metro Main – 65

Metro Hub – 7

Metro Southwest – 3

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

Metro Main – 42

Metro Hub – 10

Metro Southwest – 6

Water Sustainability Projects

Avra Valley Recharge Project (AVRP) – A total of 6,033 acre-feet was recharged at AVRP as of October 31, 2014 out of the 6,232 acre-feet scheduled for 2014.

Amount of Water Recharged at AVRP:

Month of October 2014 – 153,899,400 gallons

Same period last year – 149,239,800 gallons

Month of September 2014 – 215,713,362 gallons

South Shannon Treatment System – As of October 28, 2014, approximately 64 million gallons of water has been treated since the twenty-fourth carbon change-out on July 24, 2014. The twenty-fifth carbon change-out occurred on October 30, 2014. Since its startup in July 2006, 1.6 billion gallons of water have been treated by the treatment system. Since 2000, \$919,526.89 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). Staff submitted the third quarter reimbursement request to ADEQ for \$31,243.26.

CMID Effluent Groundwater Savings Facility Project – The temporary easement has been secured and Pima County is reviewing the draft IGA. The agreement will be brought to the Board to consider approval after Pima County has reviewed the draft. Presently, staff is coordinating for a January 2015 flow test in the north pipeline to confirm its usability and integrity. The delay occurred because of ADEQ requirement for CMID to have proper signage along their canals and field entrances of reclaimed water use.

DAWS and MSA Modifications – ADWR has begun its complete and correctness review of the District's Designation of Assured Water Supply modification application for Metro Southwest – Diablo Village. The DAWS for Metro West and Metro Main expire on January 1, 2015. Draft resolutions have been prepared for the Board's consideration on renewing these DAWS.

Oracle Jaynes Replacement Well – Staff has begun site planning and specifications for the budgeted drilling of a replacement well at the Oracle Jaynes Station Well site. Drilling should begin in late FY15 after bids are received and approved by the Board.

Aquifer Levels and Testing – Water Sustainability staff with the assistance of Utility staff have begun the annual round of static water level (SWL) measurements and specific capacity testing. SWL measurements enable the District to track the resource served to customers. Specific capacity tests reveal changes in well productivity. We have scheduled 62 SWL measurements in and around the District's service areas and 6 specific capacity tests at production wells.

Capital Improvement Program & Other Major Projects

Ranch House Estates Waterline Extension and Private Water Service Relocations – Pima County plan approval has been received and all private service relocation agreements are complete. Bid advertisement commenced on October 6, 2014 and bids were received October 30, 2014. The construction contract award is scheduled for Board approval during the November 10, 2014 meeting.

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,

Joseph Olsen, P.E.
General Manager