

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

October 15, 2014

Monthly Status of the District – September 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.

September 2014 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2015 Year to Date – 663,439,500 gallons

FY 2014 Year to Date – 700,005,200 gallons

Amount of Water Consumed in Metro Hub

FY 2015 Year to Date – 81,265,400 gallons

FY 2014 Year to Date – 93,884,300 gallons

Amount of Water Consumed in Metro Southwest

FY 2015 Year to Date – 35,050,000 gallons

FY 2014 Year to Date – 33,007,000 gallons

Revenue Metered Sales Billed in September 2014 – Grand Total \$ 1,304,952.98

Metro Main – \$ 1,137,650.13

Metro Hub – \$ 102,837.24

Metro Southwest – \$ 64,465.61

Last Year Revenue Metered Sales Billed in September 2013 – Grand Total \$ 1,384,104.33

Metro Main – \$ 1,193,104.33

Metro Hub – \$ 132,449.61

Metro Southwest – \$ 57,977.38

Water Quality Samples

81 Microbiological samples taken from the distribution system.

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

55 Lab/field test samples for Arsenic, Nitrate, IOCs, VOCs, SOCs, and UCMR-3.

Status of Compliance with Regulatory Requirements

District is in compliance with its regulatory requirements.

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in September 2014:

1. Replaced check valves on Diablo Village #2 boosters.
2. Repaired service leak on Portugal Avenue.
3. Abandoned service line on Orange Grove due to road work conflict.
4. Started HMI upgrade to District's SCADA system.
5. Modified Lazy B treatment system piping for alternate configurations.

PRV Inspections – 84

Valves Exercised – 0

Meter Replacements – 3

Meters Tested – 6

ERTs Replaced – 0

New Meter Applications – 4 total

Metro Main – 4

Metro Southwest – 0

Customer Accounts

Total Customers – 20,259

New Accounts – 268

Delinquent Accounts – September 2014

Initial Shut Off Notices – 772

Final Shut Offs – 87

High Consumption Contacts – 96

Service Orders & Work Orders – Total performed: 124

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

Metro Main – 53

Metro Hub – 5

Metro Southwest – 6

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

Metro Main – 37

Metro Hub – 8

Metro Southwest – 15

Water Sustainability Projects

Avra Valley Recharge Project (AVRP) – A total of 5,676 acre-feet was recharged at AVRP as of September 30, 2014 out of the 6,232 acre-feet scheduled for 2014.

Amount of Water Recharged at AVRP:

Month of September 2014 – 215,713,362 gallons

Same period last year – 164,880,600 gallons

Month of August 2014 – 223,859,600 gallons

South Shannon Treatment System – As of September 30, 2014, approximately 44 million gallons of water has been treated since the twenty-fourth carbon change-out on July 24, 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 is preparing the third quarter reimbursement request to ADEQ.

Inter-AMA M&I CAP Firming – Following the Board’s approval of the pilot program for the Inter-AMA agreement with the City of Phoenix in September, the Phoenix Mayor and Council unanimously approved the agreement on October 1, 2014. Phoenix also approved a similar agreement with the City of Tucson. News coverage about Inter-AMA Firming occurred in Phoenix and Tucson and was very positive. The Arizona Water Banking Authority (AWBA) has requested if the District would consider Inter-AMA Firming with AWBA in 2015. Staff will analyze and provide regular updates to the Board.

Hoover Power – Staff received notice from the Western Area Power Administration (WAPA) of being allocated a portion of the D-1 power pool. This power supply could be beneficial for the District to reduce electrical costs at Metro Southwest – Diablo. The District’s proposed allotment is 0.105 MW. Staff has submitted documentation to WAPA on Metro’s demand. WAPA found a calculation error after discussions with the District which will increase its allocation share to approximately 0.175 MW. WAPA is expected to have final allocations documented by the end of this year. The Arizona Power Authority will begin their allocation process for the Hoover D-2 pool in early 2015.

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.

Metro Southwest – Diablo Village DAWS and MSA Modifications – ADWR has begun its complete and correctness review of the District’s Designation of Assured Water

Supply modification application. Staff has provided ADWR clarification information to help their review. Central Arizona Groundwater Replenishment District has reviewed the District's Member Service Area application and prepared a draft resolution and contract for the Board's consideration.

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 with bids due October 30, 2014. The construction contract award is scheduled for Board approval during the November 10, 2014 meeting.

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.

Respectfully Submitted,

Joseph Olsen, P.E.
General Manager