

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

**December 8, 2014**

**Monthly Status of the District – November 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.

**November 2014 Report**

**Water Usage/Quality**

Amount of Water Consumed in Metro Main

FY 2015 Year to Date – 1,018,222,500 gallons

FY 2014 Year to Date – 1,105,991,100 gallons

Amount of Water Consumed in Metro Hub

FY 2015 Year to Date – 122,357,050 gallons

FY 2014 Year to Date – 134,034,300 gallons

Amount of Water Consumed in Metro Southwest

FY 2015 Year to Date – 53,590,500 gallons

FY 2014 Year to Date – 49,033,600 gallons

Revenue Metered Sales Billed in November 2014 – Grand Total \$ 1,210,186.31

Metro Main – \$ 1,049,158.29

Metro Hub – \$ 101,483.60

Metro Southwest – \$ 59,544.42

Last Year Revenue Metered Sales Billed in November 2013 – Grand Total \$ 1,356,195.58

Metro Main – \$ 1,179,102.19

Metro Hub – \$ 115,461.85

Metro Southwest – \$ 61,631.54

Water Quality Samples

81 Microbiological samples taken from the distribution system.

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

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

## Status of Compliance with Regulatory Requirements

District is in compliance with its regulatory requirements.

## **System Maintenance**

Noteworthy Maintenance Projects and Major Repairs in November 2014:

1. Drain and inspect Magee La Cholla South storage tank.
2. Repair main break on Nanini Drive.
3. Completed Hub 3 vessel 1 media installs.
4. Completed Diablo Village 1 vessel 2 media install.
5. Completed GAC backwash and backwash tank cleaning at Shannon.

PRV Inspections – 84

Valves Exercised – 32

Meter Replacements – 3

Meters Tested – 0

ERTs Replaced – 0

New Meter Applications – 8 total

Metro Main – 6

Metro Southwest – 2

## **Customer Accounts**

Total Customers – 20,192

New Accounts – 191

Delinquent Accounts – November 2014

Initial Shut Off Notices – 1,318

Final Shut Offs – 104

High Consumption Contacts – 66

Service Orders & Work Orders – Total performed: 100

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

Metro Main – 46

Metro Hub – 3

Metro Southwest – 2

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

Metro Main – 31

Metro Hub – 12

Metro Southwest – 6

## **Water Sustainability Projects**

**Avra Valley Recharge Project (AVRP)** – A total of 6,253 acre-feet was recharged at AVRP as of November 30, 2014 out of the 6,232 acre-feet scheduled for 2014. The additional storage is for the Arizona Water Banking Authority.

Amount of Water Recharged at AVRP:

Month of November 2014 – 66,506,200 gallons

Same period last year – 122,845,800 gallons

Month of October 2014 – 153,899,400 gallons

**South Shannon Treatment System** – As of November 25, 2014, approximately 5.2 million gallons of water has been treated since the twenty-fifth carbon change-out 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, \$950,770.15 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). ADEQ paid the third quarter reimbursement request to ADEQ of \$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.

**DAWS and MSA Modifications** – ADWR is nearing its complete and correctness review of the District's Designation of Assured Water Supply (DAWS) modification application for Metro Southwest – Diablo Village. The DAWS for Metro West and Metro Main expire on January 1, 2015. Resolutions were approved by the Board in November on renewing these DAWS. Applications are scheduled for submittal to ADWR in December.

**Oracle Jaynes Replacement Well** – Staff began its initial site planning and specifications for the drilling of a replacement well at the Oracle Jaynes Station Well site and found the existing well lot needs expansion for drilling to occur. Negotiations with an adjacent property owner are being pursued. Drilling would begin in FY16 after budget and approval 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. Four SWL measurements and one specific capacity test will have been completed by the December Board Meeting.

**Long Range Water Resources Plan** – Water Sustainability staff with the assistance of the General Manager and Assistant General Manager have drafted a 50 year supply and demand projection for each of the District’s six water service areas. A presentation of its findings will be given to the Board at a future date.

**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 was awarded to Rasch Construction during the Board’s November 10, 2014 meeting. A pre-construction meeting was held on December 3, 2014. Construction is anticipated to begin soon.

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