

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

**November 9, 2015**

**Monthly Status of the District – October 2015**

**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 2015 Report**

**Water Usage/Quality**

Amount of Water Consumed in Metro Main

FY 2016 Year to Date – 833,821,800 gallons

FY 2015 Year to Date – 842,450,300 gallons

Amount of Water Consumed in Metro Hub

FY 2016 Year to Date – 94,715,600 gallons

FY 2015 Year to Date – 102,822,400 gallons

Amount of Water Consumed in Metro Southwest

FY 2016 Year to Date – 44,849,300 gallons

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

Revenue Metered Sales Billed in September 2015 – Grand Total \$1,336,652.40

Metro Main – \$1,165,973.24

Metro Hub – \$102,549.58

Metro Southwest – \$68,129.58

Last Year Revenue Metered Sales Billed in September 2014 – Grand Total \$1,230,916.25

Metro Main – \$1,060,791.91

Metro Hub – \$109,826.25

Metro Southwest – \$60,298.09

Water Quality Samples

81 Microbiological samples taken from the distribution system.

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

60 Lab/filed test samples for Arsenic, Nitrate, Nitrite, VOCs, IOCs, and Radiochemicals.

Status of Compliance with Regulatory Requirements

District is in compliance with its regulatory requirements.

## **System Maintenance**

Noteworthy Maintenance Projects and Major Repairs in October 2015:

1. E&T #22 electrical conduit for new electrical rack.
2. Troubleshooting meter and fixed network issues in the Metro Hub service area.
3. Abandoned DVA under driveway on Sunbright and relocated in street.
4. 4" mainline repair on Portugal Ave.
5. Bored new water service at 1348 Roller Coaster Rd.

PRV Inspections – 84

Valves Exercised – 0

Meter Replacements – 0 - 5/8" meters, 0 - 1 1/2" meters

Meters Tested – 0

ERTs Replaced – 5

New Meter Applications – 12 total

Metro Main – 7

Metro Hub – 0

Metro Southwest – 5

## **Customer Accounts**

Total Customers – 20,406

New Accounts – 224

Delinquent Accounts – October 2015

Initial Shut Off Notices – 1,155

Final Shut Offs – 134

High Consumption Contacts – 133

Service Orders & Work Orders – Total performed: 167

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

Metro Main – 51

Metro Hub – 49

Metro Southwest – 17

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

Metro Main – 38

Metro Hub – 5

Metro Southwest – 8

### **Water Sustainability Projects**

**Avra Valley Recharge Project (AVRP)** – A total of 5,214 acre-feet was recharged for the District at AVRP as of October 31, 2015 out of the 5,214 acre-feet scheduled for 2015. A total of 166 acre-feet out of 1,200 acre-feet was stored for the Arizona Water Banking Authority and another 150 acre-feet was stored for the City of Phoenix. Staff is preparing for an aquifer test at a well near AVRP in early November and has a consultant conducting a hydraulic pipeline improvement cost estimate to Basins 1 and 2.

Amount of Water Recharged at AVRP:

Month of October 2015 – 128,711,150 gallons

Same period last year – 153,899,400 gallons

Month of September 2015 – 221,904,500 gallons

**South Shannon Treatment System** – Since 2000, \$991,766.03 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). Submittals of \$4,092.95 for August and \$3,992.93 for September were sent to ADEQ.

**Cortaro-Marana Irrigation District (CMID) Effluent Groundwater Savings Facility Project** – Staff is working with Pima County for ADEQ to grant a Pima County reuse permit for two classes of reclaimed water so that CMID can use the reclaimed water on wheat and pumpkins. The parties have finalized the intergovernmental agreement for the pipeline interconnect to Pima County pending any changes from the Bureau of Reclamation's NEPA process. CAWCD approved the effluent credit purchase agreement.

**Recovery Well Permits** – Staff submitted to ADWR a modification to the District's Recovery Well Permit for Metro Southwest – Diablo Village. The modification adds Tucson Water Recovery Wells to support the CAP wheeling agreement. The application was found complete and correct by ADWR and received no public comments. ADWR is drafting the permit for the District's review. A recovery well application for Metro Southwest – Lazy B was also submitted so CAP wheeling can occur next year.

### **Capital Improvement Program & Other Major Projects**

**Oracle Jaynes Property** – Consultant completed cultural and environmental field work, no issues found. District staff notified the seller and title company that it would move forward with the purchase of the property. Seller notified tenants on February 26, 2015 of the tenancy termination. Two of the three tenants moved. The remaining tenant has until October 25, 2015 to vacate. The remaining tenant is still on property after the deadline. It is anticipated that the property owner will take legal action to remove tenant.

**CAP Land Acquisitions** – The District's consultant, Tierra Right of Way Services, and District staff met with Redpoint Development to discuss property for the CAP Recharge, Recovery and Delivery System forebay and booster station and future treatment site. Redpoint Development identified a large parcel that was not already included in the block plat approval by the Town of Marana. The District has met with BKW Farms on CAP

recovery wells properties. Property for the three well sites has been identified and discussed with BKW. Investigations are ongoing by Tierra to evaluate the properties. Appraisals for the well sites and booster station site are expected to be received in November 2015 and acquisition discussion will then begin with the property owners.

**Casas Adobes Estates MLP (Nanini Drive, Casas Adobes Drive, and Andrea Doria Drive)** – Cultural survey was received from Rick Engineering. Project design is ongoing.

**Lazy B Tucson Water Wheeling Agreement Interconnect** – All approvals have been received. Easement acquisitions are finalized. Advertising for construction bids to commence on November 9, 2015.

**La Cañada Drive Adjustments** – Award of construction contract occurred at the September 14, 2015 Board meeting. Construction commenced on October 5, 2015 and is ongoing.

**Hub Storage Expansion Retaining Wall** – Project design is ongoing.

**Metro Water Office Sign** – The construction agreement was awarded during the October 14, 2015 meeting. Construction to start in November 2015.

**Shannon Road Service Area Interconnection** – Project design is complete. Bids are to be received from the City of Tucson Job Order Agreement.

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