

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

**October 14, 2015**

**Monthly Status of the District – September 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.

**September 2015 Report**

**Water Usage/Quality**

Amount of Water Consumed in Metro Main

FY 2016 Year to Date – 644,636,100 gallons

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

Amount of Water Consumed in Metro Hub

FY 2016 Year to Date – 75,528,000 gallons

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

Amount of Water Consumed in Metro Southwest

FY 2016 Year to Date – 35,302,900 gallons

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

Revenue Metered Sales Billed in September 2015 – Grand Total \$ 1,363,940.34

Metro Main – \$ 1,182,325.88

Metro Hub – \$ 111,616.66

Metro Southwest – \$ 69,997.80

Last Year 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

Water Quality Samples

81 Microbiological samples taken from the distribution system.

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

45 Lab/filed test samples for Arsenic, Nitrate, VOCs, SOCs, IOCs, and Metals.

Status of Compliance with Regulatory Requirements

District is in compliance with its regulatory requirements.

### **System Maintenance**

Noteworthy Maintenance Projects and Major Repairs in September 2015:

1. Replaced Ina CDO gas engine controller.
2. Replaced Diablo Village No. 1 pre-filter on arsenic treatment system.
3. Installed new electrical rack and modification of E&T No. 22 electrical system.
4. Installed new water services at 6960 Tabara and 3014 Lobo Road.
5. Completed new booster manifold and booster installation at Las Palmas.

PRV Inspections – 84

Valves Exercised – 0

Meter Replacements – 1 - 5/8” meters, 1 - 1 ½” meters

Meters Tested – 1

ERTs Replaced – 0

New Meter Applications – 24 total

Metro Main – 9

Metro Hub – 0

Metro Southwest – 15

### **Customer Accounts**

Total Customers – 20,405

New Accounts – 252

Delinquent Accounts – September 2015

Initial Shut Off Notices – 787

Final Shut Offs – 125

High Consumption Contacts – 83

Service Orders & Work Orders – Total performed: 235

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

Metro Main – 75

Metro Hub – 72

Metro Southwest – 27

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

Metro Main – 38

Metro Hub – 4

Metro Southwest – 19

### **Water Sustainability Projects**

**Avra Valley Recharge Project (AVRP)** – A total of 5,135 acre-feet was recharged at AVRP as of September 30, 2015 out of the 5,214 acre-feet scheduled for 2015. An additional 1,200 acre-feet storage is for the Arizona Water Banking Authority and another 150 acre-feet is 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 September 2015 – 221,904,500 gallons  
Same period last year – 215,713,400 gallons  
Month of August 2015 – 223,207,900 gallons

**South Shannon Treatment System** – Since 2000, \$991,766.03 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). Staff received the July reimbursement request of \$3,918.82 from ADEQ. A submittal of \$4,092.95 for August was 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 has been publically noticed for comment. A recovery well application for Metro Southwest – Lazy B was also submitted so CAP wheeling can occur next year.

**CAP and Effluent Agreement** – Staff drafted for the Town of Marana’s review an effluent agreement similar to a recent agreement between Marana and the City of Tucson. The effluent would be from Metro West. Additionally, the revised CAP water storage agreement was approved by the Town of Marana.

**2016 CAP Order** – Staff submitted the District’s CAP water order for 11,912 acre-feet. Additionally, the District intends to store 1,500 acre-feet of the City of Phoenix’s M&I CAP water and 1,500 acre-feet of the AWBA’s Excess CAP water at AVRP.

### **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.

**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. Tierra and District staff are investigating the parcel. 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. Tierra and District staff met with the Town of Marana to discuss project plans and the outcome of the meeting was very positive with the Town of Marana indicating a willingness to assist the District.

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

**Lazy B Tucson Water Wheeling Agreement Interconnect** – All approvals have been received. Easement acquisitions are being finalized.

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

**Hub Storage Expansion Retaining Wall** – Project design has commenced.

**Metro Water Office Sign** – Advertisement for construction commenced on July 20, 2015 and bids were to be received on August 20, 2015. Since no bids were received, staff contacted sign contractors directly to request written cost proposals. Approval of cost proposals scheduled for the October 14, 2015 Board meeting.

**Shannon Road Service Area Interconnection** – Project design has commenced.

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