

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

October 12, 2016

Monthly Status of the District – September 2016

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 2016 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2017 Year to Date – 638,884,900 gallons

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

Amount of Water Consumed in Metro Hub

FY 2017 Year to Date – 77,135,500 gallons

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

Amount of Water Consumed in Metro Southwest

FY 2017 Year to Date – 37,208,000 gallons

FY 2016 Year to Date – 35,302,000 gallons

Revenue Metered Sales Billed in September 2016 – Grand Total \$1,577,294.25

Metro Main – \$1,360,198.99

Metro Hub – \$130,715.28

Metro Southwest – \$86,379.98

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

Metro Main – \$1,181,886.98

Metro Hub – \$112,055.56

Metro Southwest – \$69,997.80

Water Quality Samples

81 Microbiological samples taken from the distribution system.

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

55 Lab/field test samples for VOCs, Metals, Nitrate, 1,4-Dioxane, and Arsenic.

Status of Compliance with Regulatory Requirements
District is in compliance with its regulatory requirements.

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in September 2016:

1. Repaired 6” mainline at Los Altos & Oracle.
2. Replaced five hydrants on Via Principia.
3. Replaced Hub 4 soft start on well.
4. Repaired mainline leak on San Miguel.
5. Continued programming and testing Horizon Hills blending equipment.

PRV Inspections – 84

Valves Exercised – 50

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

Meters Tested – 3

ERTs Replaced – 0

New Meter Applications – 10 total

Metro Main – 0

Metro Hub – 0

Metro Southwest – 10

Customer Accounts

Total Customers Billed – 20,200

New Accounts – 249

Delinquent Accounts – September 2016

Initial Shut Off Notices – 1,574

Final Shut Offs – 98

High Consumption Contacts – 116

Service Orders & Work Orders – Total performed: 126

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

Metro Main – 72

Metro Hub – 9

Metro Southwest – 10

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

Metro Main – 24

Metro Hub – 5

Metro Southwest – 6

Water Sustainability Projects

2016 CAP Storage – All of the scheduled 3,950 acre-feet (AF) was recharged for the District at Avra Valley Recharge Project (AVRP) as of September 30, 2016. Additionally, 1,100 AF is scheduled for storage by the Arizona Water Banking Authority and 1,461 out of the 1,500 AF for the City of Phoenix has been stored. All of the 7,912 AF scheduled for storage at the District's groundwater savings facility (GSF) partners has been completed for 2016.

South Shannon Treatment System – Since 2000, \$1,071,306.94 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). Reimbursements of \$4,048.03 for August are pending from ADEQ.

2017 CAP Order – The District's full CAP allocation of 13,460 AF has been ordered with Central Arizona Water Conservation District. A total of 10,001 AF will be at GSFs, 3,450 AF at AVRP, 1,000 AF at Lower Santa Cruz Replenishment Project, and 9 AF at Southern Avra Valley Storage and Recovery Project.

Cortaro-Marana Irrigation District (CMID) Effluent Groundwater Savings Facility Project – The Bureau of Reclamation (BOR) issued a finding of No Significant Impact on the final environmental assessment for the project on August 23, 2016. Advertisement for the construction of the project has been completed with bids to be received on October 20, 2016 and award of the project at the November 14, 2016 Board meeting. The District and CMID have signed the intergovernmental agreement (IGA). Pima County is scheduled to act on the IGA on October 18, 2016 with the Bureau of Reclamation signing afterwards. Construction is anticipated to start in January 2017.

Inter-AMA (Active Management Area) Firming – District staff met with City of Phoenix staff to develop a longer term storage agreement at the Avra Valley Recharge Project. The amendment to the agreement is scheduled for the Board's consideration.

Oracle Jaynes Replacement Well – Staff received a scope of work from Clear Creek Associates for assisting with the drilling project. Clear Creek Associates will only work on reviewing the technical specifications at this time.

Capital Improvement Program & Other Major Projects

Casas Adobes Estates MLP (Nanini Drive, Casas Adobes Drive, and Andrea Doria Drive) – Construction acceptance occurred on September 14, 2016 and project close-out continues.

CAP Recharge, Recovery, and Delivery System (RRDS) Land Acquisitions

- **Booster Station Property** – Closeout of the acquisition agreement occurred on June 30, 2016.
- **Redpoint Development Easements** – The Town of Marana, Redpoint Development and the District met regarding set back requirements along the future alignment of Lambert Lane and the District's consultant, Tierra, has finally received survey control data from

Redpoint and is now finalizing legal descriptions and appraisals for the pipeline easements to submit to Redpoint Development.

- State Land Easements – The process to acquire easements and any necessary land from the Arizona State Land Department is expected to take approximately two years to finalize and has been initiated.
- Town of Marana Easement – The easement legal description on the airport property is complete and the easement request has been submitted to the Town of Marana.
- Pima County Easements – Pipeline easements from eight parcels owned by Pima County are necessary for the project. Legal descriptions had to be revised due to right of way issues. District staff is investigating a proposed realignment of Avra Valley Road near I-10 by ADOT and will be meeting with Pima County Flood Control soon.
- Cal Portland Cement Company – Pipeline easements from seven parcels owned by the Cal Portland Cement Company are necessary for the project. Legal descriptions had to be revised due to right of way issues; however, it may not be necessary now if the pipeline alignment is moved southerly along the Santa Cruz River to a location where it will cross I-10 and the railroad.
- Residential Lot Easements – Approximately 30 pipeline easements are necessary from residential lots for the project. Easement legal descriptions are being finalized for the areas that the pipeline alignment is known. The market analysis for the easement valuations in this area has been completed. Tierra has begun submitting the easement requests to these properties and begin negotiations with the private property owners. Several easement acquisitions have been finalized. The District will not know the final pipeline alignment for the area between Blue Bonnet Road and Camino de Oeste until potential project partners' participation is known.

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