

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

September 12, 2016

Monthly Status of the District – August 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.

August 2016 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2017 Year to Date – 429,465,500 gallons

FY 2016 Year to Date – 452,910,700 gallons

Amount of Water Consumed in Metro Hub

FY 2017 Year to Date – 54,229,900 gallons

FY 2016 Year to Date – 54,706,000 gallons

Amount of Water Consumed in Metro Southwest

FY 2017 Year to Date – 24,284,300 gallons

FY 2016 Year to Date – 24,610,500 gallons

Revenue Metered Sales Billed in August 2016 – Grand Total \$1,573,264.59

Metro Main – \$1,345,977.85

Metro Hub – \$141,246.07

Metro Southwest – \$86,040.67

Prior Year Revenue Metered Sales Billed in August 2015 – Grand Total \$1,565,410.57

Metro Main – \$1,343,718.03

Metro Hub – \$145,705.83

Metro Southwest – \$75,986.71

Water Quality Samples

82 Microbiological samples taken from the distribution system.

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

107 Lab/field test samples for VOCs, SOCs, IOCs, Metals, Copper and Lead, Nitrate, 1,4-Dioxane, DBPs 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 August 2016:

1. Completed Horizon Hills blending piping.
2. Replaced failed level transducer at Herb Johnson.
3. Cleared blockage in stilling wells at Avra Valley Recharge Project.
4. Repaired leak on main at 1510 Frazier.
5. Completed booster suction and discharge piping at E&T 22.

PRV Inspections – 84

Valves Exercised – 0

Meter Replacements – 82 - 5/8" meters

Meters Tested – 0

ERTs Replaced – 0

New Meter Applications – 7 total

Metro Main – 2

Metro Hub – 0

Metro Southwest – 5

Customer Accounts

Total Customers Billed – 20,237

New Accounts – 249

Delinquent Accounts – August 2016

Initial Shut Off Notices – 720

Final Shut Offs – 105

High Consumption Contacts – 128

Service Orders & Work Orders – Total performed: 169

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

Metro Main – 71

Metro Hub – 24

Metro Southwest – 6

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

Metro Main – 58

Metro Hub – 10

Metro Southwest – 0

Water Sustainability Projects

Avra Valley Recharge Project (AVRP) – A total of 3,786 acre-feet (AF) of 3,950 AF was recharged for the District at AVRP as of August 31, 2016. Additionally, 1,500 AF is scheduled for storage by the Arizona Water Banking Authority and 1,050 out of the 1,500 AF for the City of Phoenix has been stored.

South Shannon Treatment System – Since 2000, \$1,071,306.94 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). Reimbursements of \$23,790.05 for July are pending from ADEQ.

Cortaro-Marana Irrigation District (CMID) Effluent Groundwater Savings Facility Project – Pima County applied for ADEQ to grant a Pima County reuse permit for a higher class of reclaimed water so that CMID can use the reclaimed water on wheat and pumpkins. ADEQ issued the modification permit on June 15, 2016. The parties have finalized the intergovernmental agreement for the pipeline interconnect to Pima County. The Bureau of Reclamation (BOR) issued a finding of No Significant Impact on the final environmental assessment for the project on August 23, 2016. This issuance allows the BOR to move forward with the project. Advertisement for the construction of the project will commence on September 12, 2016 with bids to be received on October 20, 2016 and award of the project at the November 14, 2016 Board meeting. 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. An amendment to the agreement is scheduled for the Board's consideration in September.

Drought Contingency Plan – District staff has been monitoring and participating in CAWCD and ADWR's efforts to minimize future Colorado River shortages. Staff has reviewed how the Drought Contingency Plan could affect Non-Indian Agricultural CAP water allocations. ADWR hopes to hold a series of meetings for all interested parties in August. Various media sources are reporting ADWR's goal is to take the agreed-upon Drought Contingency Plan to the Arizona Legislature in early 2017. Reclamation has determined that the Colorado River will not be in a shortage for 2017.

Oracle Jaynes Replacement Well – Staff is developing specifications for the new well's bid package.

Capital Improvement Program & Other Major Projects

Casas Adobes Estates MLP (Nanini Drive, Casas Adobes Drive, and Andrea Doria Drive) – Advertisement for construction bids began on January 19, 2016 with bids received on February 24, 2016. Award of the construction contract occurred at the March 14, 2016 Board meeting. A pre-construction meeting was held on April 13, 2016 and construction commenced on June 2, 2016. Work is complete, punch list and project close-out continues.

Hub Storage Expansion Retaining Wall – Advertisement for construction bids began on February 16, 2016 with bids received on March 30, 2016. Award of the construction contract occurred at the April 11, 2016 Board meeting. Construction started on May 9, 2016 was completed on August 12, 2016. 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.
- BKW Farms – Tierra has completed property investigations, survey and legal descriptions and property appraisals for three wells sites and pipeline easements on BKW Farms property. The information has been submitted to BKW Farms for their consideration and multiple meetings have been held to discuss.
- State Land Easements – All State Land easements are complete. The District is waiting on BKW Farms to determine if any additional state land easements are necessary. The process to acquire easements from the Arizona State Land Department is expected to take approximately two years to finalize.
- Town of Marana Easement – The easement legal description on the airport property is complete and the easement request will be 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.
- 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 property to the south, Avra Valley Mining Co. allows the District to utilize its property.
- 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 Bluebonnet 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.

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Respectfully Submitted,

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General Manager