

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

February 8, 2016

Monthly Status of the District – January 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.

January 2016 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2016 Year to Date – 1,299,778,800 gallons

FY 2015 Year to Date – 1,338,989,300 gallons

Amount of Water Consumed in Metro Hub

FY 2016 Year to Date – 145,045,900 gallons

FY 2015 Year to Date – 155,668,550 gallons

Amount of Water Consumed in Metro Southwest

FY 2016 Year to Date – 72,502,800 gallons

FY 2015 Year to Date – 73,182,800 gallons

Revenue Metered Sales Billed in January 2016 – Grand Total \$1,172,683.86

Metro Main – \$1,019,944.62

Metro Hub – \$89,287.61

Metro Southwest – \$63,451.63

Prior Year Revenue Metered Sales Billed in January 2015 – Grand Total \$1,110,154.41

Metro Main – \$969,945.58

Metro Hub – \$80,203.78

Metro Southwest – \$60,005.05

Water Quality Samples

81 Microbiological samples taken from the distribution system.

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

39 Lab/field test samples for Arsenic, Nitrate, VOCs, and IOCs.

Status of Compliance with Regulatory Requirements

District is in compliance with its regulatory requirements.

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in January 2016:

1. Pulled Hub No. 4 and Mona Lisa wells for maintenance.
2. Repaired mainlines on Village Ave, Montebella, and Ina.
3. Repaired 8" valve on Rudasill.
4. Completed static and pumping level specific capacity at Metro Main.
5. Completed wiring on Ina/CDO engine controller.

PRV Inspections – 84

Valves Exercised – 0

Meter Replacements – 24 - 5/8" meters

Meters Tested – 0

ERTs Replaced – 0

New Meter Applications – 6 total

Metro Main – 6

Metro Hub – 0

Metro Southwest – 0

Customer Accounts

Total Customers – 20,399

New Accounts – 186

Delinquent Accounts – January 2016

Initial Shut Off Notices – 1,253

Final Shut Offs – 74

High Consumption Contacts – 142

Service Orders & Work Orders – Total performed: 152

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

Metro Main – 87

Metro Hub – 7

Metro Southwest – 21

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

Metro Main – 15

Metro Hub – 8

Metro Southwest – 14

Water Sustainability Projects

Avra Valley Recharge Project (AVRP) – A total of 739 acre-feet of 3,950 acre-feet was recharged for the District at AVRP as of January 31, 2016. Additionally, 1,500 acre-feet is scheduled for storage by the Arizona Water Banking Authority and 1,500 acre-feet for the City of Phoenix.

South Shannon Treatment System – Since 2000, \$1,025,001.69 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). Reimbursements of \$5,507.84 for December were submitted 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 pending NEPA process which closed on January 29, 2016.

Recovery Well Permits – A recovery well application for Metro Southwest – Lazy B was submitted so CAP wheeling can occur next fiscal year. The application was found complete and correct by ADWR. Public review concluded on January 15, 2016.

Non-Indian Agricultural (NIA) CAP Water – Staff attended the Bureau of Reclamation scoping meeting on December 7, 2015 for the Environmental Assessment on the NIA allocations. The Environmental Assessment process is expected to be completed in Summer 2016.

Aquifer Levels and Testing – Water Sustainability staff with the assistance of Utility staff continue 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. Staff completed 64 SWL measurements in and around the District's service areas and completed 10 specific capacity tests at production wells.

Capital Improvement Program & Other Major Projects

Oracle Jaynes Property – In-house staff have begun clean-up of the property and gates have been installed on the two entrances. Septic tank contractor located the three buried septic tanks on the property and pumped the tanks. Bids for the exploratory well are being solicited and will be brought to the Board during the March meeting.

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 well properties. Property for the three well sites has been identified and discussed with BKW. Appraisals for the well sites and booster station site were received in November 2015. A meeting with Redpoint was held on December 4, 2015 to discuss the purchase of the property. Redpoint did not have any issues with the appraised cost of the land or any other issues that were discussed. A meeting with the Town of Marana was held on January 29, 2016 to discuss the property acquisition and easements that will be required by the project. Tierra submitted the draft purchase documents for Redpoint and District review in January 2016 with plans to bring to Board consideration on March 14, 2016. Legal descriptions for the wellsite properties have been finalized and discussions with BKW will now begin.

Casas Adobes Estates MLP (Nanini Drive, Casas Adobes Drive, and Andrea Doria Drive) – Advertisement for construction bids began on January 19, 2016 with bids to be received on February 24, 2016. Award of the construction contract is to be scheduled for the March 14, 2016 Board meeting.

Lazy B Tucson Water Wheeling Agreement Interconnect – All approvals have been received. Easement acquisitions are finalized. Advertising for construction bids commenced on November 9, 2015 and bids were received on December 16, 2015. Award of the construction contract occurred during the January 11, 2016 Board meeting. A pre-construction meeting was held on February 4, 2016 and construction is expected to commence in February 2016.

Hub Storage Expansion Retaining Wall – Construction documents are being finalized with bid advertising to begin in February 2016 with a bid opening in March 2016. Award of the construction contract will be scheduled for the April 11, 2016 Board meeting.

Metro Water Office Sign – The construction agreement was awarded during the October 14, 2015 meeting. Contractor submitted modifications which have been reviewed and approved. Construction notice-to-proceed issued for January 4, 2016 and construction began on January 28, 2016.

Shannon Road Service Area Interconnection – Project design is complete. Bids were received from the City of Tucson Job Order Agreement contractor, however bids received were higher than the engineer's cost estimate and the District decided to advertise for construction bids. Advertising began on January 19, 2016 with bids to be received on February 24, 2016. Award of the construction contract is to be scheduled for the March 14, 2016 Board meeting.

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