

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

January 11, 2016

Monthly Status of the District – December 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.

December 2015 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2016 Year to Date – 1,145,357,800 gallons

FY 2015 Year to Date – 1,181,097,800 gallons

Amount of Water Consumed in Metro Hub

FY 2016 Year to Date – 128,886,700 gallons

FY 2015 Year to Date – 141,009,550 gallons

Amount of Water Consumed in Metro Southwest

FY 2016 Year to Date – 63,966,900 gallons

FY 2015 Year to Date – 63,731,800 gallons

Revenue Metered Sales Billed in December 2015 – Grand Total \$1,182,323.86

Metro Main – \$1,022,360.18

Metro Hub – \$93,770.73

Metro Southwest – \$66,192.95

Prior Year Revenue Metered Sales Billed in December 2014 – Grand Total \$1,153,042.15

Metro Main – \$993,493.14

Metro Hub – \$96,821.51

Metro Southwest – \$62,727.50

Water Quality Samples

81 Microbiological samples taken from the distribution system.

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

48 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 December 2015:

1. Repaired main break at 6891 Casas Adobes Drive.
2. Completed new Linda Vista pressure tank replacement.
3. Completed Las Palmas tank painting and started on Alcott storage tank.
4. Repaired 8" main on Cloud Road due to failure.
5. Performed electrical maintenance on Hub 4 automatic transfer switch.

PRV Inspections – 84

Valves Exercised – 0

Meter Replacements – 21 - 5/8" meters, 1 - 2" meters

Meters Tested – 3

ERTs Replaced – 0

New Meter Applications – 13 total

Metro Main – 5

Metro Hub – 0

Metro Southwest – 8

Customer Accounts

Total Customers – 20,401

New Accounts – 245

Delinquent Accounts – December 2015

Initial Shut Off Notices – 1,329

Final Shut Offs – 110

High Consumption Contacts – 116

Service Orders & Work Orders – Total performed: 123

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

Metro Main – 53

Metro Hub – 3

Metro Southwest – 16

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

Metro Main – 32

Metro Hub – 8

Metro Southwest – 11

Water Sustainability Projects

Avra Valley Recharge Project (AVRP) – A total of 5,238 acre-feet was recharged for the District at AVRP as of December 31, 2015. Additionally, 1,100 acre-feet was stored for the Arizona Water Banking Authority and 150 acre-feet was stored for the City of Phoenix.

South Shannon Treatment System – Since 2000, \$999,851.91 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). Reimbursements of \$4,092.95 for August and \$3,992.93 for September were received from ADEQ. Submittals of \$22,818.95 and \$2,330.83 for October and November 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 pending NEPA process.

Recovery Well Permits – Staff received from ADWR a permit modification to the District's Recovery Well Permit for Metro Southwest – Diablo Village. This modification adds Tucson Water Recovery Wells to support the CAP wheeling agreement. A recovery well application for Metro Southwest – Lazy B was also submitted so CAP wheeling can occur next year. The application was found complete and correct by ADWR. Public review will conclude 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 23 of the 64 SWL planned measurements in and around the District's service areas and completed 3 of the 10 planned specific capacity tests at production wells.

Capital Improvement Program & Other Major Projects

Oracle Jaynes Property – Closing documents were prepared by the title company and the closing and recordation occurred on December 18, 2015.

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. 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. Tierra is preparing the purchase documents for Redpoint and District review in January 2016. Once legal descriptions for the wellsite properties are finalized, discussions with BKW will commence.

Casas Adobes Estates MLP (Nanini Drive, Casas Adobes Drive, and Andrea Doria Drive) – Advertisement for construction bids is anticipated by the end of January with construction projected to start in April.

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 is scheduled for the January 11, 2016 Board meeting.

Hub Storage Expansion Retaining Wall – Project design is ongoing.

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.

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 will instead advertise for construction bids.

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