

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

May 11, 2015

Monthly Status of the District – April 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.

April 2015 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2015 Year to Date – 1,956,846,000 gallons

FY 2014 Year to Date – 1,910,889,800 gallons

Amount of Water Consumed in Metro Hub

FY 2015 Year to Date – 210,046,800 gallons

FY 2014 Year to Date – 225,624,100 gallons

Amount of Water Consumed in Metro Southwest

FY 2015 Year to Date – 98,958,200 gallons

FY 2014 Year to Date – 97,877,300 gallons

Revenue Metered Sales Billed in April 2015 – Grand Total \$ 1,274,713.33

Metro Main – \$ 1,100,342.38

Metro Hub – \$ 112,133.67

Metro Southwest – \$ 62,237.28

Last Year Revenue Metered Sales Billed in April 2014 – Grand Total \$ 1,223,775.58

Metro Main – \$ 1,039,401.09

Metro Hub – \$ 120,312.01

Metro Southwest – \$ 64,062.48

Water Quality Samples

81 Microbiological samples taken from the distribution system.

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

35 Lab/filed test samples for Arsenic, Nitrate, IOCs, and VOCs.

Status of Compliance with Regulatory Requirements

District is in compliance with its regulatory requirements.

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in April 2015:

1. Magee & La Cholla project – located 18” and 12” main, removed 12” valve from vault and reinstalled valve and flow meter above ground.
2. Contractor hit and damaged 8” main line on 8802 N. Morning View; staff repaired.
3. E&T storage tank #4 – repaired interior coating of tank.

PRV Inspections – 84

Valves Exercised – 0

Meter Replacements – 6 - 5/8” meters

18 - 2” meters

Meters Tested – 0

ERTs Replaced – 0

New Meter Applications – 11 total

Metro Main – 5

Metro Southwest – 6

Customer Accounts

Total Customers – 20,353

New Accounts – 241

Delinquent Accounts – April 2015

Initial Shut Off Notices – 1,290 (5 cycles)

Final Shut Offs – 71

High Consumption Contacts – 289

Service Orders & Work Orders – Total performed: 163

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

Metro Main – 71

Metro Hub – 24

Metro Southwest – 8

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

Metro Main – 36

Metro Hub – 14

Metro Southwest – 10

Water Sustainability Projects

Avra Valley Recharge Project (AVRP) – A total of 2,425 acre-feet was recharged at AVRP as of April 30, 2015 out of the 5,214 acre-feet scheduled for 2015. An additional 1,800 acre-feet storage is for the Arizona Water Banking Authority and another 150 acre-feet is for the City of Phoenix.

Amount of Water Recharged at AVRP:

Month of April 2015 – 202,744,500 gallons

Same period last year – 229,399,100 gallons

Month of March 2015 – 182,965,300 gallons

South Shannon Treatment System – As of April 28, 2015, approximately 40.3 million gallons of water has been treated since the twenty-sixth carbon change-out on February 24, 2015. Since 2000, \$950,770.15 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). Staff submitted the first quarter reimbursement request for \$32,855.19 to ADEQ. Staff is working with ADEQ on the FY16 reimbursement contract for the Board's consideration in June.

Cortaro-Marana Irrigation District (CMID) Effluent Groundwater Savings Facility Project – Staff is preparing for a June 2015 flow test in the north pipeline to confirm its usability and integrity. Staff is also researching a reuse permit issue that has arisen with ADEQ before bringing the agreement to the Board.

Designation of Assured Water Supply (DAWS) and Member Service Area Modifications – ADWR is completing its review of the District's DAWS modification applications for Metro Main and Metro West.

Effluent Agreement – Staff is working with the Town of Marana on executing an effluent agreement similar to a recent agreement between Marana and the City of Tucson. The effluent would be from Metro West.

Hoover Power Allocation – Staff submitted its application for D-2 power to the Arizona Power Authority April 27, 2015. A draft recommendation by APA will be completed on June 15, 2015.

Colorado River Shortage Workshop – Staff attended a joint workshop held by ADWR and CAWCD on Colorado River shortage preparations. A shortage is likely (75%) to Excess Water users and agriculture in Year 2017 but not to Municipal and Indian subcontractors. However, M&I users will be financially impacted because of less CAP water to spread O&M costs.

Capital Improvement Program & Other Major Projects

Ranch House Estates Waterline Extension and Private Water Service Relocations – Construction is complete and project close-out is ongoing.

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. Only one of the three tenants has removed their mobile home.

CAP Land Acquisitions – The District's consultant, Tierra Right of Way Services and District staff met with Redpoint Development on February 10, 2015 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 evaluating the parcel. On February 23, 2015, District met with BKW Farms on CAP recovery wells properties. Property for two of the three well sites has been identified. On May 4, 2015 the District met with BKW Farms to discuss comments received from Vulcan on the third well site. District staff is evaluating Vulcan comments regarding their recommended location.

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