

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

October 16, 2013

Monthly Status of the District – September 2013

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 2013 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

Month of September 2013 – 217,236,300 gallons
Same period last year – 228,135,900 gallons
Month of August 2013 – 254,441,500 gallons
FY13-14 Year to Date – 700,002,900 gallons
FY12-13 Year to Date – 675,453,300 gallons

Amount of Water Consumed in Metro Hub

Month of September 2013 – 26,556,400 gallons
Same period last year – 27,203,300 gallons
Month of August 2013 – 30,848,600 gallons
FY13-14 Year to Date – 87,885,300 gallons
FY12-13 Year to Date – 78,676,700 gallons

Amount of Water Consumed in Metro Southwest

Month of September 2013 – 9,320,700 gallons
Same period last year – 10,619,100 gallons
Month of August 2013 – 12,437,500 gallons
FY13-14 Year to Date – 33,007,000 gallons
FY12-13 Year to Date – 32,000,900 gallons

Revenue Metered Sales Billed in September 2013 – Grand Total \$ 1,384,104.33

Metro Main – \$ 1,193,677.34
Metro Hub – \$ 132,449.61
Metro Southwest – \$ 57,977.38

Last Year Revenue Metered Sales Billed in September 2012 – Grand Total \$ 1,357,127.09

Metro Main – \$ 1,167,195.38

Metro Hub – \$ 130,116.84
Metro Southwest – \$ 59,814.87

Water Quality Samples

79 Microbiological samples taken from the distribution system.
12 Microbiological samples taken from the District's active wells.
50 Lab/field test samples for Arsenic, Nitrate, IOCs, Metals, VOCs, TTHMs, HAA5, and Asbestos.

Status of Compliance with Regulatory Requirements

District is in compliance with its regulatory requirements.

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in September 2013:

1. Repair leak on 6" filler line from Las Palmas West.
2. Replaced flow meter at E&T #22.
3. Riverside Crossing Well testing.
4. Service line repair on Shoemaker.
5. Lazy B tank disinfection and VOC samples.

PRV Inspections – 83

Valves Exercised – 0

Meter Replacements

Meters Replaced – 9
Meters Tested – 1

New Meter Installs – 7

Customer Accounts

Total Customers – 19,890

Turn-on for New Accounts – 242

Delinquent Accounts – September 2013

Initial Shut Off Notices – 927
Final Shut Offs – 115

High Consumption Contacts – 36

Service Orders & Work Orders – Total performed: 118

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

Metro Main – 33
Metro Hub – 5
Metro Southwest – 8
Work Orders (generated by staff when a need to perform additional work is recognized):
Metro Main – 52
Metro Hub – 8
Metro Southwest – 12

Water Sustainability Projects

Avra Valley Recharge Project (AVRP) – A total of 5,294 acre-feet was recharged at AVRP as of September 30, 2013 out of the 7,117 acre-feet scheduled for 2013.

Amount of Water Recharged at AVRP:

Month of September 2013 – 164,880,600 gallons
Same period last year – 248,298,462 gallons
Month of August 2013 – 118,283,900 gallons

South Shannon Treatment System – As of September 24, 2013, approximately 27 million gallons of water has been treated since the twenty-first carbon change-out on August 14, 2013. Since its startup in July 2006, 1.4 billion gallons of water has been treated by the treatment system. Since 2000, \$827,250.40 has been reimbursed from ADEQ. Staff is preparing the third quarter reimbursement request to ADEQ.

2014 CAP Order – Staff submitted to CAWCD the District’s CAP order for 2014 on September 23, 2013. CAWCD confirmed the District’s order for 11,690 AF out of its 13,460 AF allocation.

Inter-AMA M&I CAP Firming – Staff has been working with AMWUA and SAWUA to adopt a concept on how M&I CAP subcontractors can have wet water during Colorado River shortages. The proposal would help the Arizona Water Bank reach its M&I CAP water firming goal for the Tucson AMA. During shortages the Phoenix M&I CAP subcontractors would receive CAP water while participating CAP subcontractors in Tucson would recover the previously stored CAP water.

Non-Indian Agricultural (NIA) Water CAP Application – Staff completed and submitted on June 12, 2013 an application for Metro Southwest – Diablo Village. ADWR is reviewing the 17 applications received from municipal providers. The total volume requested was 93,979 AF. The CAGR requested 34,629 AF which equaled the entire NIA water available. The District’s application was for the second lowest volume (299 AF). CAWCD contacted staff for clarification on the District’s application in response to an inquiry by ADWR if the District’s CAP allocation was not eligible for use in Metro Southwest – Diablo Village. CAWCD agreed with the District’s facts of why the allocation was restricted to Metro Main and Metro West.

Effluent Recharge Project – The District contracted with ProPipe to flush the Cortaro Marana Irrigation District (Cortaro) pipeline north of Ina Road. The flushing and subsequent videoing determined the pipeline was blocked for 12 to 16 feet in the I-10 right-of-way. Cortaro has contacted ADOT to repair the blockage, since the material appears as cement used to install a freeway sign post adjacent to the pipeline. If ADOT declines to pay for the repair, the District will need to cover the expense before Cortaro will negotiate with Pima County to restore the pipeline south of Ina Road.

Capital Improvement Program & Other Major Projects

Riverside Well Improvements – Design of the well site improvements was completed by the District's Miscellaneous Design Consultant, EEC Engineering. Design was completed in July 2012. Bid advertisement began on November 19, 2012 and bids were received on December 19, 2012. The construction contract was awarded to the Ashton Company during the January 14, 2013 meeting. A pre-construction meeting was held on February 12, 2013. Construction started on March 18, 2013. Start-up is continuing and is expected to be completed in early October 2013. The new well is producing an excessive amount of air which is receiving numerous customer complaints. Staff is evaluating the matter.

Hub Well #1A Site Improvements (Fruchthendler Well) – The District's Miscellaneous Design Consultant, EEC Engineering, completed the design of the project. Bidding on the project commenced on April 8, 2013. Bids were received on May 1, 2013. The construction contract was awarded to Innova Engineering during the May 13, 2013 meeting. Construction started on July 8, 2013 and is continuing. The contractor's electrical subcontractor has removed itself from the project and a replacement is currently being pursued by the contractor.

Freer/Camino de Sur Waterline – Project plans have been updated and approved by Pima County. Contract documents and project schedule is ongoing.

For additional information regarding this report, the Board can also refer to the more detailed reports from the Utility and Engineering Teams. 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,

Mark R. Stratton, P.E.
General Manager