

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

**April 11, 2016**

**Monthly Status of the District – March 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.

**March 2016 Report**

**Water Usage/Quality**

Amount of Water Consumed in Metro Main

FY 2016 Year to Date – 1,594,405,500 gallons

FY 2015 Year to Date – 1,613,297,800 gallons

Amount of Water Consumed in Metro Hub

FY 2016 Year to Date – 177,940,700 gallons

FY 2015 Year to Date – 187,810,950 gallons

Amount of Water Consumed in Metro Southwest

FY 2016 Year to Date – 90,498,900 gallons

FY 2015 Year to Date – 89,273,000 gallons

Revenue Metered Sales Billed in March 2016 – Grand Total \$1,188,971.46

Metro Main – \$1,026,268.43

Metro Hub – \$ 97,455.19

Metro Southwest – \$65,247.84

Prior Year Revenue Metered Sales Billed in March 2015 – Grand Total \$1,050,855.98

Metro Main – \$908,122.61

Metro Hub – \$84,394.21

Metro Southwest – \$58,339.16

Water Quality Samples

81 Microbiological samples taken from the distribution system.

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

42 Lab/field test samples for VOCs, Nitrate, 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 March 2016:

1. Repaired 8” failed service saddle on Chalfont.
2. Repaired poly service line on Calle Lardo in Metro Southwest.
3. Shut down Moore site for well maintenance, PSI tank replacement.
4. Completed Hub 4 well maintenance.
5. Replaced leaking 2” fire line valve at Desert Harbor.

PRV Inspections – 84

Valves Exercised – 0

Meter Replacements – 60 - 5/8” meters; 2 – 1” meters

Meters Tested – 0

ERTs Replaced – 2

New Meter Applications – 8 total

Metro Main – 8

Metro Hub – 0

Metro Southwest – 0

### **Customer Accounts**

Total Customers – 20,128

New Accounts – 201

Delinquent Accounts – March 2016

Initial Shut Off Notices – 1,034

Final Shut Offs – 107

High Consumption Contacts – 186

Service Orders & Work Orders – Total performed: 142

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

Metro Main – 65

Metro Hub – 8

Metro Southwest – 16

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

Metro Main – 36

Metro Hub – 7

Metro Southwest – 10

### **Water Sustainability Projects**

**Avra Valley Recharge Project (AVRP)** – A total of 1,552 acre-feet of 3,950 acre-feet was recharged for the District at AVRP as of March 31, 2016. Additionally, 1,500 acre-feet is scheduled for storage by the Arizona Water Banking Authority and 375 out of the 1,500 acre-feet for the City of Phoenix has been stored.

**South Shannon Treatment System** – Since 2000, \$1,033,712.68 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). Reimbursements of \$23,503.51 for February were submitted to ADEQ.

**Cortaro-Marana Irrigation District (CMID) Effluent Groundwater Savings Facility Project** – Pima County applied 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. ADEQ's draft permit includes the higher classification for Pima County's reclaimed water. 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. Reclamation is preparing responses to comments received and is awaiting comments from U.S. Fish and Wildlife Service.

**2015 Annual Reports** – Staff completed annual groundwater use, recharge, and recovery reports for its five service areas. The ADWR and CAGRDR Reports were submitted on March 29, 2016.

### **Capital Improvement Program & Other Major Projects**

**Oracle Jaynes Property** – In-house staff have cleaned up of the property and gates have been installed on the two entrances. The three buried septic tanks on the property have been removed along with the associated piping. A pre-construction meeting with Yellow Jacket Drilling Services was held on March 30, 2016 and a notice-to-proceed was issued effective April 5, 2016. Surface casing at Oracle Jaynes is anticipated to be installed April 5, 2016. Also on that date, rehabilitation work in the Rasmussen well is expected to begin. Exploration drilling at Oracle Jaynes is anticipated to begin the week of April 11, 2016.

**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 is scheduled for April 13, 2016 with construction anticipated to start in late April 2016.

**Lazy B Tucson Water Wheeling Agreement Interconnect** – Award of the construction contract occurred during the January 11, 2016 Board meeting. Construction commenced on March 21, 2016 and is expected to be completed the week of April 11, 2016.

**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 is scheduled for Board consideration at the April 11, 2016 Board meeting.

**Shannon Road Service Area Interconnection** – Advertising 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 is scheduled for April 13, 2016 with construction anticipated to start in late April 2016.

### **CAP Land Acquisitions**

- **Booster Station Property** - The acquisition agreement was accepted and approved by the Board of Directors during the March 14, 2016 meeting. Close-out of the property acquisition agreement to occur in April 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, 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 a meeting was held on April 6, 2016 to discuss.
- **State Land Easements** – An additional State Land easement that will be necessary east of I-10 was determined during a recent meeting with the Town of Marana and Redpoint Development. Once Tierra completes the easement legal description for this additional easement the package for all the State Land easements will be submitted to the Arizona State Land Department. The process to acquire easements from the Arizona State Land Department is expected to take approximately two years to finalize.
- **Town of Marana Easement** – Tierra and District have discussed the pipeline easement necessary with the Town of Marana. The pipeline easement request will be submitted to the Town of Marana soon.
- **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 and the District is awaiting the completion of the property appraisals before submitting to Pima County.
- **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 and the District is awaiting the completion of the property appraisals before submitting to the property owner.
- **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 will soon begin submitting the easement requests to these properties and begin negotiations with the private property owners. 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.

Respectfully Submitted,

Joseph Olsen, P.E.  
General Manager