

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

**March 14, 2016**

**Monthly Status of the District – February 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.

**February 2016 Report**

**Water Usage/Quality**

Amount of Water Consumed in Metro Main

FY 2016 Year to Date – 1,438,159,600 gallons

FY 2015 Year to Date – 1,474,127,300 gallons

Amount of Water Consumed in Metro Hub

FY 2016 Year to Date – 159,656,100 gallons

FY 2015 Year to Date – 171,684,450 gallons

Amount of Water Consumed in Metro Southwest

FY 2016 Year to Date – 81,414,200 gallons

FY 2015 Year to Date – 81,189,800 gallons

Revenue Metered Sales Billed in February 2016 – Grand Total \$ 1,108,772.33

Metro Main – \$ 959,110.54

Metro Hub – \$ 84,106.66

Metro Southwest – \$ 65,555.13

Prior Year Revenue Metered Sales Billed in February 2015 – Grand Total \$ 1,031,914.00

Metro Main – \$ 889,975.53

Metro Hub – \$ 85,356.39

Metro Southwest – \$ 56,582.08

Water Quality Samples

81 Microbiological samples taken from the distribution system.

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

55 Lab/field test samples for VOCs, DBPs, IOCs, Metals, 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 February 2016:

1. Installed new 6" PRV at the Stiller site to improve customer flows.
2. Installed new 4" valve on E&T 22 storage tank.
3. Fabricated new booster skid for E&T 22.
4. Replaced Hub booster discharge header piping.
5. 20,000 lb GAC changeout at South Shannon.

PRV Inspections – 84

Valves Exercised – 0

Meter Replacements – 53 - 5/8" meters

Meters Tested – 0

ERTs Replaced – 0

New Meter Applications – 9 total

Metro Main – 4

Metro Hub – 0

Metro Southwest – 5

## **Customer Accounts**

Total Customers – 20,404

New Accounts – 203

Delinquent Accounts – February 2016

Initial Shut Off Notices – 1,508

Final Shut Offs – 119

High Consumption Contacts – 51

Service Orders & Work Orders – Total performed: 129

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

Metro Main – 50

Metro Hub – 10

Metro Southwest – 25

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

Metro Main – 21

Metro Hub – 11

Metro Southwest – 12

### **Water Sustainability Projects**

**Avra Valley Recharge Project (AVRP)** – A total of 1,116 acre-feet of 3,950 acre-feet was recharged for the District at AVRP as of February 29, 2016. Additionally, 1,500 acre-feet is scheduled for storage by the Arizona Water Banking Authority and 300 out of the 1,500 acre-feet for the City of Phoenix has been stored.

**South Shannon Treatment System** – Since 2000, \$1,030,509.53 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). Reimbursements of \$3203.13 for January 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. Public comments were extended to February 5, 2016.

**2015 Annual Reports** – Staff is preparing annual groundwater use, recharge, and recovery reports for its four service areas. The ADWR and CAGR Reports are due March 31, 2016. Water losses for 2015 at Metro Main, Metro Hub, Metro Southwest – Diablo Village and Metro Southwest – E&T were respectively, 8.0%, 3.0%, 7.9%, and 5.6%, which were below ADWR's 10% regulatory requirement.

### **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. A septic tank contractor located the three buried septic tanks on the property and pumped the tanks. A separate contractor has now removed the three septic tanks and associated piping. Bids for the exploratory well are being solicited and will be brought to the Board during the March meeting.

**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 is scheduled for the March 14, 2016 Board meeting.

**Lazy B Tucson Water Wheeling Agreement Interconnect** – All approvals have been received. Easement acquisitions are finalized. 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 March 2016.

**Hub Storage Expansion Retaining Wall** – Advertisement for construction bids began on February 16, 2016 with bids to be received on March 30, 2016. Award of the construction contract will be scheduled for the April 11, 2016 Board meeting.

**Metro Water Office Sign** – The sign construction is complete, pending the final building code inspection.

**Shannon Road Service Area Interconnection** – 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 received on February 24, 2016. Award of the construction contract is to be scheduled for the March 14, 2016 Board meeting.

### **CAP Land Acquisitions**

- **Booster Station Property** -The District's consultant, Tierra, has completed property investigations, survey, legal description and the property appraisal for the booster station property. A property acquisition agreement was prepared and submitted to Redpoint Development for their consideration. The acquisition agreement was accepted and will be forwarded to the Board of Directors for their consideration during March 14, 2016 meeting.
- **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 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. The District expects to meet with BKW Farms soon 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 have been finalized 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 have been finalized 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 and easement valuations from a market analysis is being finalized for the areas that the pipeline alignment is known. 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