

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

**September 12, 2005**

**Monthly Status of the District – August 2005**

**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 meant to provide information to the Board and give a clearer picture of the District's activities.

**August 2005 Report**

**Water Usage/Quality**

Amount of Water Produced in Metro Main  
between 07/26/05 and 08/29/05 – 285,873,002  
same period last year – 310,569,818  
last month – 311,155,261 gallons

Amount of Water Produced in Metro Hub  
between 07/26/05 and 08/29/05 – 44,925,968 gallons  
same period last year – 51,640,800 gallons  
last month – 38,815,701 gallons

Revenue Metered Sales Billed in August 2005 - \$1,040,902.68

Last Year Revenue Metered Sales Billed in August 2004 - \$1,101,007.09

**Water Quality Sample Results**

69 microbiological samples taken from the distribution system.  
30 microbiological samples taken from the District's active wells.

**Status of Compliance with Regulatory Requirements**

District is in compliance with its regulatory requirements.

## **System Maintenance**

Noteworthy Maintenance Projects and Major Repairs in August 2005:

- Pulled #3 booster at Casas Adobes Reservoir due to electrical failure.
- Installed dewatering hydrant on transmission main on Orange Grove.
- Repaired 4” main break at 7340 N. San Anna.
- Replaced A/C compressors at Herb Johnson Reservoir #3 and Magee/La Cholla variable frequency drive.

PRV Inspections – 63 performed

Valves Exercised – 44

Meter Replacement Program – 6 meters were replaced/rebuilt

## **Customer Accounts**

Total Customers – 17,435

Turn-on for New Accounts – 317

Delinquent Accounts – August 2005

Initial Shut Off Notices – 870

Final Shut Offs – 75

High Consumption Contacts – 21

Service Orders – 55 performed

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

Work Orders – 58 performed

(Work Orders are generated by staffs that recognize a problem or need to perform additional work than what was cited in the service order)

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

**Northeast Reservoir** – The Board approved Contract Amendment No. 2 during its November 8, 2004 meeting for the design of the Northeast Reservoir on the Cobo Catalina site. A notice to proceed was issued on November 10, 2004. Final plans and specifications were received on August 1, 2005. Tentatively, a presentation to the Board on the final design is planned for the September 12, 2005 meeting.

**Northeast Booster Station** – With the selection of the Cobo Catalina site for the Northeast Reservoir, Stantec Consulting Inc., has initiated efforts for the abandonment of the existing plat for the Lutheran Church of the Ascension property. The Pima County Board of Supervisors' approved the rezoning condition modifications request that will allow the lot split during their June 24, 2005 meeting. Stantec Consulting, Inc., is still awaiting review comments from Pima County for the development plan submittal. Lewis & Roca has completed the draft property agreement with the Lutheran Church of the Ascension. Once the property legal descriptions can be finalized, the property agreement will be presented to the Board. The Board approved the booster station design contract with Brown & Caldwell on March 14, 2005. The draft design report has been submitted by the consultant and reviewed by staff. Design has been initiated with 60% plans and specifications submitted by consultant in August 2005 and review comments returned to consultant on August 29, 2005. Ninety percent of the plans are due at the end of September 2005.

**Tucson National/Westward Look and Miscellaneous Areas Mainline Replacement Projects** – The Board awarded the construction contract to Mariacher/SBBI during their May 9, 2005 meeting. A pre-construction meeting was held on June 9, 2005. The contractor has been unable to provide acceptable security bonds which have delayed the notice to proceed. The contractor informed the District during August that it was in the process of securing another bond, including documentation that the bond premium had been forwarded to the bond agent. However, the District later learned that this was not the case and in fact the contractor was unwilling to pay the bond premium. Now the contractor is in the process of securing a bank account for the District in the amount of the contract. Legal Counsel is evaluating the bank account documentation. An update will be provided at the September 12, 2005 Board meeting.

**South Shannon Well Head GAC Treatment System** – The construction contract for Phase I was awarded by the Board during its March 2005 meeting to the Ashton Company. On August 18, 2005, the Board approved Change Order No. 2 to the contract, for work related to the Phase II work. A notice-to-proceed for this work was issued on August 29, 2005.

**Hub Well No. 7** – Staff has issued a work order with its miscellaneous design consultant, Stantec Consulting Inc., for pre-drilling investigative work and development of construction plans and preparations for the well site improvements. Plans are complete and are awaiting pump requirements to be determined from new well data.

**Oracle Road Corridor Mainline Replacement** – Staff has commenced reviewing previously completed design plans to determine how to avoid recently installed Oracle Road improvements. Letters to adjacent property owners have been sent requesting easements. During August 2005, staff met with one commercial property owner to explain the District's easement needs and impact to their property.

**Magee Road Transmission Main, Phase 3** – Preliminary alignment has been completed and the Town of Oro Valley comments have been received. No major issues were included in their comments so design is proceeding.

**Paseo del Norte Transmission Main** – Existing right-of-way utility research has been completed.

**Thornydale Road Waterline Relocation (Horizon Hills Drive to Horizon Hills Well Site)** – The District had requested waterline easements along the frontage of properties acquired by Pima County to avoid extensive relocation costs. The District finally received word that Pima County would be willing to grant these easement requests. The legal documents for the easements have been finalized and forwarded to Pima County. Design is proceeding.

**Reclaim Waterline Route Study (Thornydale Road to Omni Tucson National)** – A notice to proceed has been issued to Stantec Consulting, Inc., to conduct the route study.

**Bottled Water Update** – The District donated/supplied bottled water to the following during the past month. Another 90 cases of bottled water were ordered on September 2, 2005 and should be available the week of September 12, 2005.

<b>Total Cases</b>	<b>118</b>	
August 8, 2005	2 cases	Board of Director’s room for meetings
August 16, 2005	1 case	Lions Club Meeting to discuss Water Conservation
September 2, 2005	112 cases	Victims of Hurricane Katrina
September 7, 2005	3 cases	ROTC Training – Flowing Wells
<b>Cases Remaining</b>	<b>0</b>	

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