

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

December 10, 2018

Monthly Status of the District – November 2018

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.

November 2018 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2019 Year to Date – 980,734,500 gallons

FY 2018 Year to Date – 1,072,446,800 gallons

Amount of Water Consumed in Metro Hub

FY 2019 Year to Date – 120,484,500 gallons

FY 2018 Year to Date – 131,819,000 gallons

Amount of Water Consumed in Metro Southwest

FY 2019 Year to Date – 63,081,100 gallons

FY 2018 Year to Date – 62,965,600 gallons

Revenue Metered Sales Billed in November 2018 – Grand Total \$ 1,408,284.46

Metro Main – \$1,204,212.01

Metro Hub – \$118,971.23

Metro Southwest – \$85,101.22

Prior Year Revenue Metered Sales Billed in November 2017 – Grand Total \$ 1,497,756.53

Metro Main – \$1,285,488.70

Metro Hub – \$129,347.28

Metro Southwest – \$82,920.55

Water Quality Samples

82 Microbiological samples taken from the distribution system.

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

59 Lab/field test samples for VOCs, SOC's IOCs, DBPs, Nitrate, 1,4-Dioxane, Perfluorinated Chemicals, Hexavalent Chromium, Arsenic, and Radiochemicals.

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in November 2018:

1. Wiese completed painting of the Moore Facility.
2. Repaired 4" main on Old Nogales Highway.
3. Repaired 4" main and service on Oak Shadows.
4. Assisted in relocation of Hub Reservoir Pressure Tank
5. Replaced flow meter on well at Escondido.
6. Continued well maintenance activities on S. Shannon, Deconcini, and Wildwood.

Valves Exercised – 20

Meter Replacements – 33 – 5/8" meters

Meters Tested – 2

ERTs Replaced – 0

New Meter Applications – 13 total

Metro Main – 7

Metro Hub – 0

Metro Southwest – 6

Customer Accounts

Total Customers Billed – 20,712

New Accounts – 228

Delinquent Accounts – November 2018

Initial Shut Off Notices – 1,391

Final Shut Offs – 122

High Consumption Contacts – 111

Service Orders & Work Orders – Total performed: 144

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

Metro Main – 62

Metro Hub – 21

Metro Southwest – 18

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

Metro Main – 34

Metro Hub – 2

Metro Southwest – 7

Water Sustainability Projects

2018 CAP Storage – All of the District’s and District partners CAP orders have been delivered.

South Shannon Treatment System Reimbursements – Since 2000, \$1,215,457.84 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). For Fiscal Year 2019, ADEQ has a budget of \$55,888 for operations and sampling of the South Shannon Treatment System. In subsequent invoicing, O&M work performed on flex couplers associated with the GAC tanks will be included. Invoices for October have been submitted to ADEQ for payment.

Avra Valley Recharge Project – Design work is scheduled in Fiscal Year 2019 for the civil engineering improvements planned for the AVRVP facility. Construction work on the first phase of the facility’s improvements is scheduled for Fiscal Year 2020. These improvements, when completed, are anticipated to bring the operational recharge capacity up to near the 11,000 AF permit capacity.

Capital Improvement Program & Other Major Projects

RTA Waterline Relocation – La Cholla Blvd: Overton Road to Lambert Lane – Construction is approximately 60% complete. As of early December, the contractor has two crews on site. Work is expected to be complete by late January 2019.

Northwest Recharge, Recovery, and Delivery System (NWRDRS) – Easement acquisition is ongoing. The following summarizes the status of immediate possession as approved by the Board:

- APN 216-31-037D: legal counsel is continuing to work with the property owner to finalize condemnation
- APN 216-31-0380: legal counsel is negotiating an agreement for an alternate alignment of the easement
- APN 216-32-025A and 216-32-028A: legal counsel is negotiating an agreement of an alternate alignment of the easements

The District’s amendment application is scheduled to be heard by the Board of Appeals at its December 13, 2018 meeting. Arizona State Land Department (ASLD) staff estimates it will take two to three weeks to finalize the documentation, at which time the District would have possession of the requested easements.

Staff provided comments on the revised draft NWRDRS Delineation Report, created by HDR. HDR is continuing progress on package 1 (two exploratory boreholes) and package 4 (preliminary design of the transmission pipeline between the CAP canal and Spokane Avenue).

Hub Reservoir Expansion – The old tank was removed, the hydrotank was relocated, and site work is continuing. Work on the tank is expected to be complete in early April 2019, and all other site work is expected to be completed by late May 2019.

Hub Interconnect – All work associated with the construction of the Interconnect was complete November 13, 2018.

Old Nogales Highway Mainline Replacement – The notice of intention to receive sealed bids was published November 19, 20, and 26, 2018. Bids close December 20, 2018.

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