

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

January 10, 2022

Monthly Status of the District – December 2021

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.

December 2021 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2022 Year to Date – 1,167,951,400 gallons

FY 2021 Year to Date – 1,325,699,600 gallons

Amount of Water Consumed in Metro Hub

FY 2022 Year to Date – 130,573,100 gallons

FY 2021 Year to Date – 158,808,400 gallons

Amount of Water Consumed in Metro Southwest

FY 2022 Year to Date – 84,454,300 gallons

FY 2021 Year to Date – 92,392,700 gallons

Revenue Metered Sales Billed in December 2021 – Grand Total \$ 1,604,195.30

Metro Main – \$ 1,364,518.11

Metro Hub – \$ 126,951.13

Metro Southwest – \$ 112,726.06

Prior Revenue Metered Sales Billed in December 2020 – Grand Total \$ 1,369,609.78

Metro Main – \$ 1,151,230.98

Metro Hub – \$ 117,125.63

Metro Southwest – \$ 101,253.17

Water Quality Samples

84 Microbiological samples taken from the distribution system.

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

62 Lab/field test samples for VOCs, IOCs and Metals, DBPs, Nitrate, 1,4-Dioxane, Perfluorinated Chemicals, Hexavalent Chromium, and Arsenic.

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in December 2021:

1. Pulled Hub 3 well for maintenance.
2. Modified Hardy storage tank ladder for safer access.
3. Continued with security upgrade to Diablo Village 2, Hub 4 and Oracle Jaynes.
4. Replaced broken 6" valve on Calle Tolosa.
5. Relocated two service lines at Rassmussen for property transfer.

Valves Exercised – 108

Meter Replacements – 54 – 5/8" meters; 71 – 1" meters; 1 – 2" meters
Meters Tested – 0

New Meter Applications – 1 total
Metro Main – 1
Metro Hub – 0
Metro Southwest – 0

Customer Accounts

Total Customers Billed – 22,056

New Accounts – 207

Delinquent Accounts – December 2021
Initial Shut Off Notices – 1,114
Final Shut Offs – 129

High Consumption Contacts – 192

Service Orders & Work Orders and On's and Off Order Requests – Total performed: 191
Service Orders (generated from customers calling in with a problem) & Work Orders
(generated by staff when a need to perform additional work is recognized):
Metro Main – 16
Metro Hub – 20
Metro Southwest – 11
Meter On's and Off Order Requests
Metro Main – 73
Metro Hub – 9
Metro Southwest – 62

Water Sustainability Projects

2021 CAP Storage – All 9,960 acre-feet (AF) of the District’s CAP order has been delivered as of the end of October. All of the District’s order for 2021 was delivered to groundwater savings facilities (GSF). The City of Phoenix has ordered 3,500 AF of water to be delivered to AVRP, which started on July 1, 2021. All of Phoenix’s water was delivered to AVRP by December 18, 2021.

South Shannon Treatment System Reimbursements – Since 2000, \$1,427,193.45 has been reimbursed by the Arizona Department of Environmental Quality (ADEQ). For Fiscal Year 2022, ADEQ has a budget of \$61,234 for operations and sampling, and \$43,260 for two GAC change outs of the South Shannon Treatment System. The invoice for December 2021 and January 2022 will be submitted in February after the meter reconciliation work is completed between December and January.

Capital Improvement Program & Other Major Projects

Northwest Recharge, Recovery, and Delivery System (NWRRDS)

The consultant is working on the final design of the transmission main and forebay. The final package is expected in January. Staff and the District’s consultants are working on the various permits required for construction.

The final package for the well equipping and collector pipelines has been received. Staff are performing a back check of comments. Staff and the District’s consultants are working on the various permits required for construction.

Staff intended to procure construction of well equipping/collector pipeline, the transmission main, and forebay using a two-step process. Step one was to pre-qualify construction firms and only allow the pre-qualified firms to provide bids in Step 2. Based upon further review, it was determined that a single-step process should be utilized. Staff is preparing the bid notice and construction documents.

In lieu of a meeting, a status update was sent to the Partners on December 22, 2021.

NWRRDS (Metro-only portion)

Comments on the Metro Independent Transmission Main were received from Pima County on December 27, 2021, which staff are reviewing now. Staff are preparing the bid notice and contract documents.

E&T22 Well Replacement – Land acquisition activities are ongoing.

Ironwood Well Site Acquisition – Land acquisition activities are ongoing.

Pantano Road Transmission Main – Staff are finalizing the design drawings and contract documents in preparation for bidding for construction beginning in the first part of Fiscal Year 2023.

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