

# MMWC Facilities Report 03/2023

## **Overview:**

MMWC is a Group A water system, regulated by the State Department of Health Office of Drinking Water. Your water is collected from two groundwater sources: springs, and a deep well. Spring water is drawn from a shallow, unconfined aquifer. Chlorine is added to safeguard against pathogenic organisms. Water from the springs does not require filtration or additional treatment. Well water is pumped from a much deeper aquifer, containing elevated levels of iron and manganese. These secondary contaminants are oxidized with chlorine, then removed via greensand filtration. Finished water from both sources is pumped to storage tanks on 63rd Ave SW and at 59th Ave SW & 248th. Water is gravity fed to distribution from these tanks.

## **Water Quality & Quantity:**

Our water is tested in accordance with current regulations, and continues to meet all applicable EPA and Washington State Department of Health standards (MCL = Maximum Contaminant Level; AL = Action Level):

- Arsenic (2022): < 0.0010 mg/L (MCL: 0.0104 mg/L)
- Lead & Copper (2022):
  - Lead (90th percentile) 0.00105 mg/L (AL: 0.015 mg/L)
  - Copper (90th percentile) 0.3650 mg/L (AL: 1.3 mg/L)
- Nitrate (2022): 5.0200 mg/L (MCL: 10 mg/L)
- Secondary Contaminants:
  - Iron: Non-detect (with treatment)
  - Manganese: Non-detect (with treatment)

MMWC is a fully subscribed water system. Though not all of our approved service connections are active, we are unable to add or commit to serve additional connections without first demonstrating an increase in service capacity to the Dept. of Health.

## **Recent Activity:**

- Replaced piping in the well house. The original steel piping was failing (corrosion due to exposure to chlorine), replaced corrosion resistant, schedule 80 pvc.
- Leaks:
  - In the past year a number several service connection leaks have been repaired and old meters replaced.
  - An abandoned service line failed under 59th Ave SW. The connection to the main was located, the old service line removed and the service tap plugged.
  - 03/18/23 a leak was reported west of Maury Park Rd. The Leak was isolated by early evening and service restored on Sunday. Further repairs are required that will require interrupting service to members on the west end of Maury Park Rd. Repairs are currently scheduled for 03/31/2023.
- New Faces
  - MMWC has a new meter reader, Skylar.

- Looking for a new operator, or at least someone to assist with emergency calls, minor repairs, supervising contractors during projects requiring heavy equipment.

**Goals for 2023:**

- Springhouse renovations.
- Add flush ports to dead end mains on 75th Ave SW and the west end of 244th
- Replace a section of the 2-1/2" transmission line from sources to the 63rd Ave storage tank.

Please direct any water related questions and/or concerns to John Martinak:  
call/text 206-588-9207 or email [jjmartinak@gmail.com](mailto:jjmartinak@gmail.com)