

MMWC Facilities Report 03/2021

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.

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 and upgraded source controls - The improvements make the coordination between system demand and source of supply much easier and more reliable.
- Upgraded spring source piping - A new source meter was installed, and springhouse pump discharge piping was modified to eliminate a water hammer problem.
- Improved access to facility files - MMWC's new 13' x 13' workshop/storage building provides a secure, dry, heated space to store facility files: operating & emergency response manuals, system drawing/maps, equipment records, source & treatment information, supplies, etc. Previously such information was kept by the operator, and/ or board member(s). In the event of an emergency, this information is now available and accessible 24/7, even if the operator is not.

Goals for 2021:

- Cross-connection control & back flow prevention - MMWC is updating its cross-connection program. Members can expect to receive a survey assessing potential risks of back flow contamination through their service connections.
- Well house piping replacement - Piping from well head through treatment system will be replaced, and new source, and backwash meters will be installed. The upgrade will replace heavily corroded pipe, and will lessen water hammer and damaging vibration during well pump, and filter backwash operation.
- Springhouse maintenance - Clean, reseal, and disinfect the springhouse reservoir.

Please direct any water related questions and/or concerns to John Martinak:
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