

## MMWC Facilities Report 03/2022

### **Overview:**

Your water is collected from two groundwater sources: springs and a deep well. The springs are our primary source. Chlorine is added to safeguard against pathogenic organisms. The well serves as backup, and activated when the springs are out of service, and to meet peak demand of summer. Well water is pumped from a 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:**

Our water is tested in accordance with current regulations, and continues to meet all applicable EPA and Washington State Department of Health standards.

### **Supply & Demand:**

Good news on both fronts. Despite an especially hot and dry summer, MMWC's spring flows remained steady throughout the year. The average customer used 315 gallons per day during the July/August billing cycle, down from 354 gallons per day in 2020. Your conservation efforts are greatly appreciated. Thank you.

### **Recent Activity:**

- 2021 Sanitary Survey: DOH conducted a routine inspection of the system last December. No major deficiencies were discovered. The final report did include several recommendations for improving the sanitary integrity of our chlorine solution tanks and the water storage tank on 59th Ave & 248th. These improvements have been made and approved by DOH.
- System Repairs: Last fall leaks were repaired at a Maury Park Rd service connection and on the Luana Beach Rd main.
- Frozen Pipes: The end of the year freeze took its toll on exposed plumbing. Customer side leaks drove source demand to peak season levels. Next winter, please remember to isolate and/or insulated irrigation lines, outdoor spigots, and plumbing in unheated buildings.

### **Goals for 2021:**

- Improve cross-connection control & back flow prevention: As potential back flow risks are identified, members may be asked to instal an approved back flow prevention device downstream of their service meter.
- Springhouse maintenance/improvements: The springhouse and its water tank are slated for repairs.
- Hire a part-time operator/operator in training to assist with operations.

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