

# Saline Water Treatment Plant - Equipment Status Report



Report Updated 07/19/2021

Equipment/Process/Resource	Status	Timeline
High Service Pumps	Green	12 to 24 months
Comments: Green - Engineering review of third High Serve Pump in progress.		
Reverse Osmosis	Green	12 to 18 months
Comments: Green - Sixty (60) RO unit membranes replaced spring 2021; additional replacements planned FY23 as part of regular maintenance.		
Electrical/Communications	Yellow	6 to 24 months
Comments: Green - One Variable Frequency Drive replaced spring 2021; second VFD and filters pending council action (target approval August 2nd) Yellow - Upgrading communication equipment/SCADA integration		

## Status Key

**Red** Not operating to design standards; significant improvement/repairs needed

**Yellow** Operating, but not to optimal standards; issue has been identified and/or plan is in place

**Green** Operating as designed

Equipment/Process/Resource	Status	Timeline
Building Maintenance	Yellow	6 to 12 months
Comments: Yellow - Facility condition assessment and capital planning in progress		
Iron/Manganese Removal	Yellow	9 to 12 months
Comments: Yellow - Woody overgrowth removed from infiltration basins; additional iron removal efforts to be bid January 2022. Yellow - Greensand media filter replacement to be bid ( per FY22 Capital Improvement Plan)		
Water Quality	Green	Ongoing
Comments: Prior month average daily hardness: 126 mg/l <i>Winter Hardness Target: 110 to 120 mg/l</i> <i>Summer Hardness Target: less than 160 mg/l</i> Prior month average daily volume: 1.275 MGD Last hydrant flush: May 2021 (city wide) Next planned flush: October 2021 (city wide) Annual Water Quality Report: <a href="https://tinyurl.com/fdc5azvj">https://tinyurl.com/fdc5azvj</a>		
Additional Comments:		

Status Key

**Red:** Not operating to design standards; significant improvement/repairs needed

**Yellow:** Operating, but not to optimal standards; issue has been identified and/or plan is in place

**Green:** Operating as designed