

Saline Water Treatment Plant - Equipment Status Report



Report Updated 09/20 /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	6 to 12 months
Comments: Green - Sixty (60) RO unit membranes replaced spring 2021; additional replacements planned FY23 as part of regular maintenance. Currently analyzing performance and effectiveness.		
Electrical/Communications	Yellow	6 to 18 months
Comments: Green - One Variable Frequency Drive replaced spring 2021; second VFD and filters to be bid as part of HSP installation project. 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 winter 2021/2022. Yellow - Greensand media filter replacement to be bid (per FY22 Capital Improvement Plan); engineering review in progress.		
Water Quality	Green	Ongoing
Comments: Prior month average daily hardness: August: 138 mg/l ; July: 131 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: August: 1.354 MGD ; July: 1.266 MGD Last hydrant flush: May 2021 (city wide) Next planned flush: Starting October 4, 2021 (city wide) Annual Water Quality Report: https://tinyurl.com/fdc5azvj		
Additional Comments:		

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