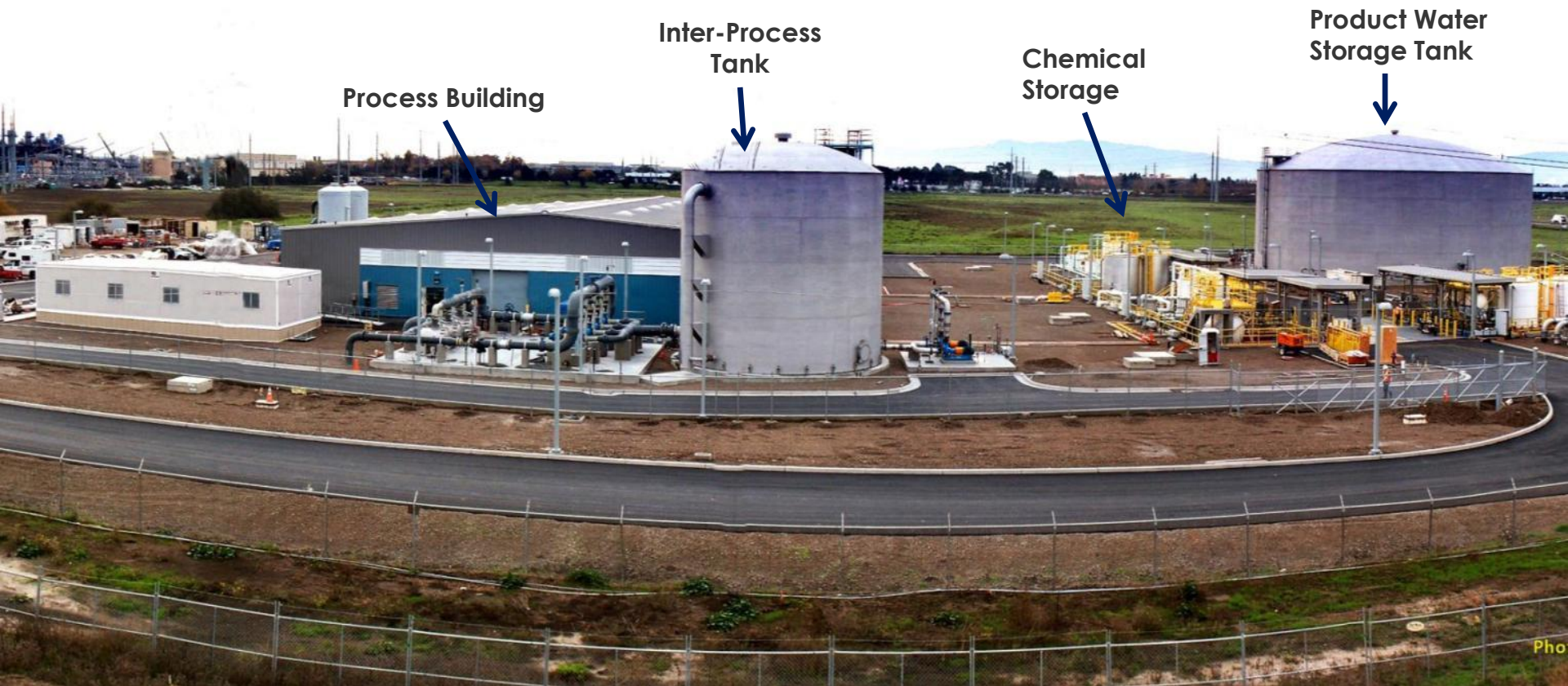


Silicon Valley Advanced Water Purification Center



Advanced water purification technology

**San Jose/Santa Clara WPCP
Secondary Effluent
(TDS = 750 ppm)**

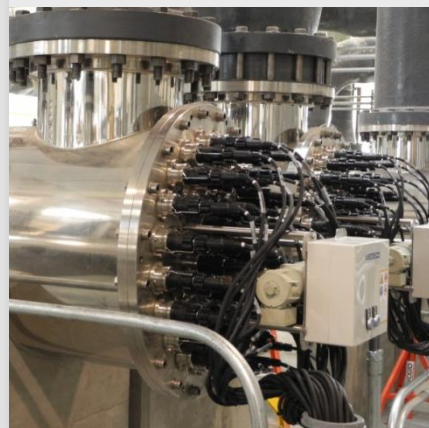


Microfiltration



Reverse osmosis

Ultraviolet light



**Highly purified water
(TDS ~40 ppm)**

Influent Feed Pumps



Autostrainers



MF Supply – MF Filtrate



MF System



Interprocess Tank – RO Transfer Pumps – Cartridge Filters



RO Feed Pumps



RO System



De-carbonator Towers



UV System



UV System



Product Water Tank



Electrical Room



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Photo by C. Hearn 3/26/13