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
MF Supply – MF Filtrate
MF System
Interprocess Tank – RO Transfer Pumps – Cartridge Filters
RO Feed Pumps
RO System
De-carbonator Towers
Product Water Tank
Electrical Room