



Update on Partnership with the Cities of Palo Alto and Mountain View

Recycled Water Committee

February 25, 2026

2019 Partnership Agreement to Advance Resilient Water Reuse Programs in Santa Clara County

Key Terms:

- Valley Water funding a portion (\$16 million) of local salt removal facility at RWQCP
- Effluent transfer option to Valley Water for a regional purification facility (\$200,000/yr → \$1M/yr when exercised)
- Water supply option for the Cities of Palo Alto and Mountain View

Resulted in Two Projects:

1. Local Salt Removal facility led by Palo Alto to treat 1 to 2 MGD
2. Regional Purification Facility Project – put on CIP unfunded list

Advanced Water Purification System (AWPS) Facility

Project Overview

Improve quality of recycled water by reducing Total Dissolved Solids (TDS) to 600 mg/L

Expand recycled water use for non-potable uses such as irrigation and cooling towers

Treatment process includes microfiltration followed by reverse osmosis

Project Milestones and Schedule

2017 Completed Pre-design

2019 Approved Agreement with Valley Water

2024 Complete design of AWPS

2025 Start demolition of existing structures

2026 January complete earthwork

2026 February start construction

2028 May complete facility-start up

Palo Alto Regional Water Quality Control Plant

Salt Removal Facility- Rendering



Regional Water Quality Control Plant Site



Palo Alto Salt Removal Facility- Earthwork



Palo Alto Salt Removal Facility- Construction Signage

