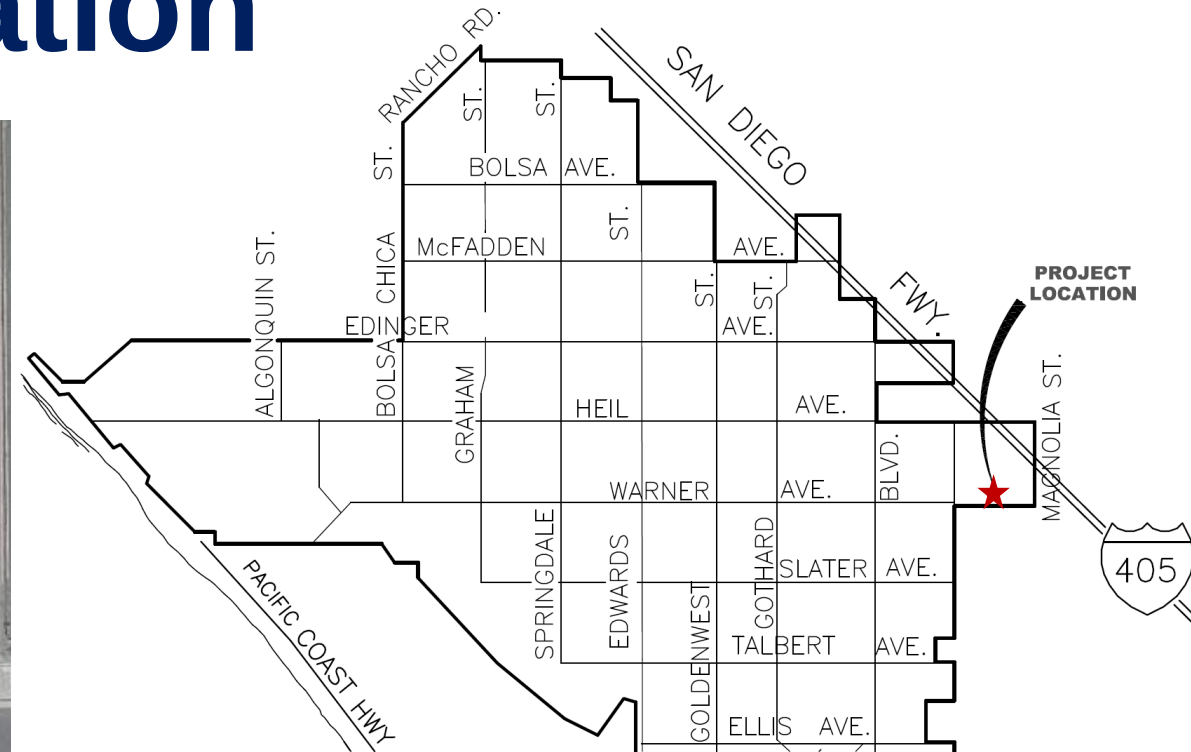




Well 9 Hydrogen Sulfide (H₂S) Filter Media Replacement Project CC-1837

November 18, 2025

Well 9 - Project Location



Project Background



- H_2S detected in 2011 at Well 9, causing strong “rotten egg” odor and aesthetic water quality concerns.
- Granular Activated Carbon (GAC) treatment facility built in 2018 to remove H_2S and ensure compliance with drinking water standards.
- GAC media in service for 7–8 years, exceeding its 5-year life expectancy.
- Declining media performance requires daily backwashing, increasing O&M costs and staff time.



Project Benefits



- Maintains odor-free, high-quality drinking water for residents.
- Supports the Basin Production Percentage (BPP) by maintaining groundwater production capacity.
- Reduces reliance on more expensive MWD imported water.
- Improves operational efficiency and extends facility life.



Funding

Construction Costs

Karbonous, Inc. Bid	\$527,375
10% Contingency	\$52,737
Supplemental Costs	\$44,888
TOTAL COST	\$625,000

Current Funding

Water Fund Budget	\$400,000
Water Master Plan Fund (Reallocation)	\$225,000

Note: CC-1734 (Wells 4, 7 & 13 On-Site Chlorine/Fluoride Project) will have adequate funds remaining to cover budget shortfall.

Tentative Construction Schedule: February–March 2026



Questions?

