

Committee Request for Board Action: None

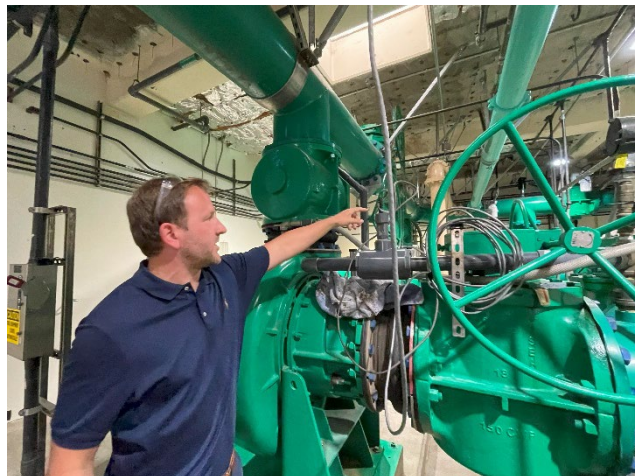
In-person meeting at the Central Marin Sanitation Agency Plant, with 14 attendees representing 6 member agencies.

Plant Tour at Central Marin Sanitation Agency (CMSA)

Nick Talbot (Treatment Plant Manager) and Peter Kistenmacher (Technical Services Manager) provided an overview of CMSA's 15-year journey to achieving energy-positive wastewater treatment and support SB1383 climate goals of diverting food waste from landfills. CMSA staff began with a presentation describing CMSA's food waste and FOG receiving stations, co-digestion in the anaerobic digesters, and power cogeneration program that features biogas conditioning and a Jenbacher cogeneration engine. CMSA typically uses biogas, but can operate using natural gas during a power outage in lieu of diesel engines. Digester operations are monitored carefully using a [SENTRY™](#) real-time digester health sensor to supplement traditional laboratory analysis.

As a result of this program, CMSA achieved energy positive operations in 2024, and now sells excess power back to the grid. After the presentation, the group toured the CMSA plant, focusing on the FOG and food waste receiving station as well as the anaerobic digesters that co-digest these materials with wastewater sludge.

[Link to Slides](#)



Next Meeting: Potential future meeting locations include San Mateo or Treasure Island, which are both nearing completion on nutrient removal upgrades.