Thomas Watson, PG

Principal Geologist

Tom has over 35 years of experience with an emphasis on complex groundwater investigations, environmental regulatory negotiations, and conjunctive water reuse strategies. Tom holds a certification as a California Professional Geologist (PG) and is licensed as a California Engineering Contractor ("A" license).

Previously, Tom planned, coordinated, and oversaw all the various water resources programs for the City of Santa Monica, including the development of long-term water sustainability strategies. Tom was responsible for two state of the art projects that, combined, obtained $60 million in State funding. The Santa Monica Clean Beaches Initiative Project (CBI) harvests and treats approximately 182.5 million gallons per year of runoff and brackish groundwater for beneficial reuse. The Sustainable Water Infrastructure Project (SWIP) is an innovative recycled water project built entirely below ground in order to preserve the site surface for other community use. The SWIP will harvest and treat 1.0 million gallons per day of runoff and municipal wastewater for conjunctive reuse, including aquifer recharge.

At **aquilogic**, Tom is assisting several clients in Kern County with the development of a Chapter Groundwater Sustainability Plan (GSP) for the Westside Water Districts. Tom is also assisting the largest oil and natural gas producer by acreage in the State with an assessment of produced oil field water for disposal and beneficial reuse. In Kings County, Tom is working on the design, siting, and construction of a new water supply well to support oil field operations. In eastern San Diego County, Tom is assisting a key stakeholder in assessing technical issues related to a basin-wide groundwater flow model and the development of a GSP. The model is being used to establish the sustainable yield and set preliminary groundwater pumping allocations under the Sustainable Groundwater Management Act (SGMA).

As a Principal at **aquilogic**, Tom will be leading company initiatives in water reuse and conjunctive use, marginal groundwater development, and water issues facing municipal clients.