



Engineering

Our engineers are dedicated to working with clients to find innovative solutions to ensure public health and a sustainable water future.

Engineering Excellence

WestLand's engineering team combines principles of civil and environmental engineering to plan, design, and construct water, wastewater, and reclaimed water infrastructures. Our deep experience in helping clients develop comprehensive water portfolios ensures that we provide an efficient, thoughtful, and sustainable approach to our region's most valuable resource.

OUR SERVICES

Engineering
Cultural Resources
Environmental
GIS
Landscape Architecture



OUR SERVICES

Potable & Reclaimed Water Systems

Supply well design, sizing, and equipping

Water storage, pumping, distribution system design

Hydraulic modeling for fireflow, pipe, pump station and reservoir sizing, and system layout

Water treatment and water plant design

Permitting, testing, and certified operator services for public water systems

Mining, Industrial, and Process Solution Systems

Process rehabilitations and expansions

Dewatering

SX/EW process solution and slurry transport

Wastewater Systems

Gravity sewer design

Sewer lift stations and force main design

Sewer infrastructure and piping rehabilitation design

Construction Management and Admin Services

Bidding services and contract preparation

Construction oversight, inspection, submittal review

As-built drawing creation

Federal and State Funding Assistance

Coordination with funding agencies

Preliminary Engineering Reports (PERs) and Environmental Reports (ERs)

Water Resources and Infrastructure Master Planning

Water rights and water source portfolios

Water resource master planning

Full infrastructure master planning for water and wastewater systems

