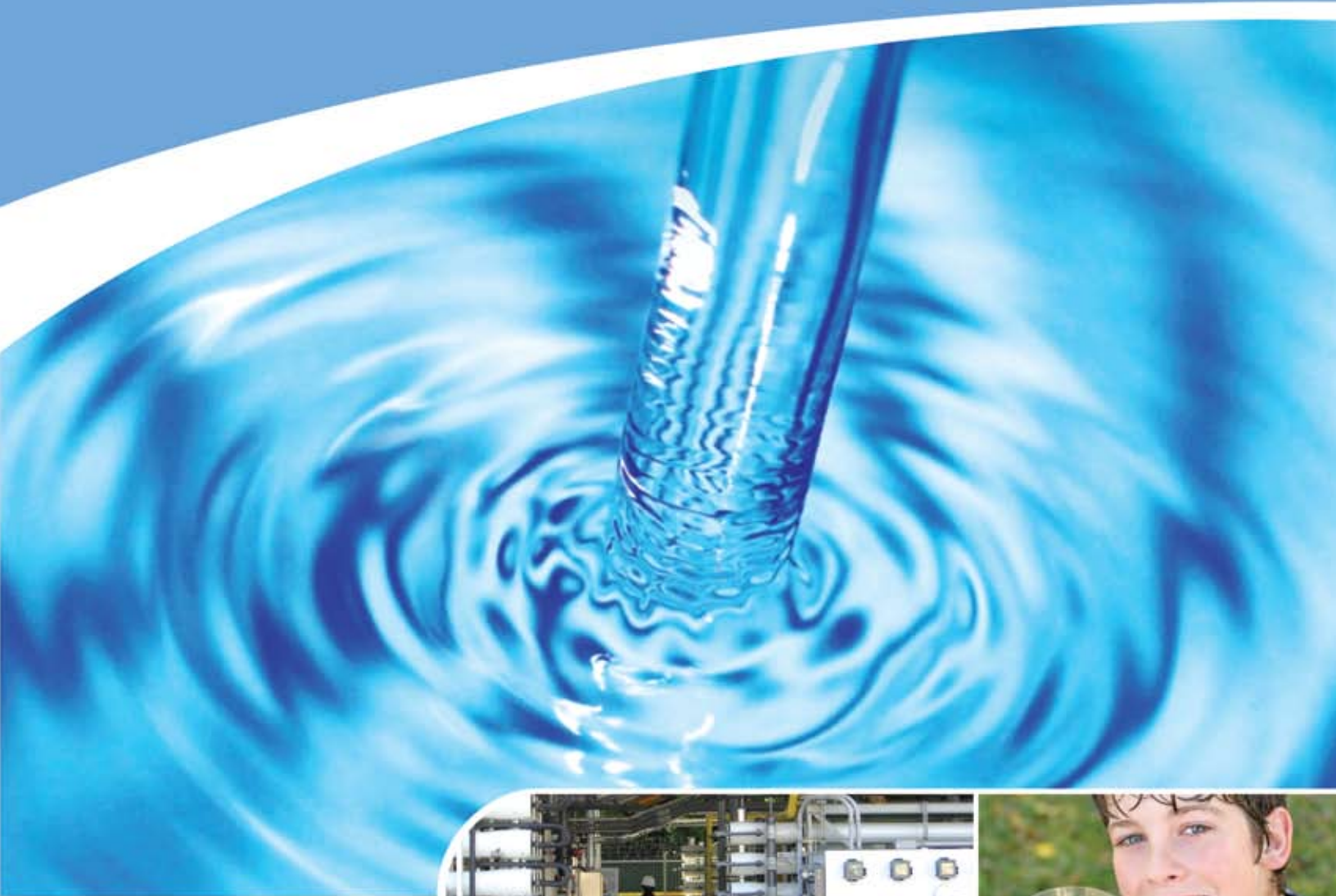




TETRA TECH

# • Drinking Water Services



Tetra Tech  
provides  
communities  
with drinking  
water facilities  
that protect  
public health  
and improve the  
quality of life.



Degasification units at the Port St. Lucie James E. Anderson ROWTP. Degasifiers strip hydrogen sulfide from product water during post-treatment.

Tetra Tech has been helping local governments, municipalities, and utilities to provide safe, clean drinking water for more than 40 years. Tetra Tech has a local presence in your area. Whether you are maintaining or improving your existing water infrastructure, planning for new construction to meet water capacity and quality needs, or seeking to optimize existing operations, Tetra Tech will provide clear solutions to your complex water challenges. We are proud to showcase our strong and innovative capabilities in the following select areas of focus.



### **Management Consulting**

Tetra Tech's management consulting services help our clients inventory, plan, finance, construct, and protect valuable water assets. We have worked with clients throughout the U.S. to meet the organizational, financial, and facility challenges inherent in meeting the water demands of flourishing communities.



### **Master Planning**

Whether you are a growing community requiring new water sources or facilities or you are an established community needing to upgrade aging water infrastructure, Tetra Tech can work with you to evaluate your water system, define your future needs, and develop sound capital improvement plans.



### **Watershed Management and Source Protection**

The quality and quantity of a water supply source starts with strong science-based watershed management and source protection. Tetra Tech is one of the world leaders in developing and implementing innovative practices that will ensure a safe and plentiful supply of water is delivered to your citizens now and in the future.



## ● Reverse Osmosis Water Treatment Plant, Port St. Lucie, Florida

To meet the drinking water needs of a fast-growing population, the City of Port St. Lucie hired Tetra Tech to design and manage construction of the James E. Anderson Reverse Osmosis Water Treatment Plant, which treats brackish water. The plant was designed initially with a capacity of 6.0 MGD, eventually expanding to 22.5 MGD. Tetra Tech managed phased construction and start-up of the project to meet the city's rigorous schedule for completion.



### Membrane Treatment

Tetra Tech has extensive experience designing treatment plants using various membrane treatment technologies. Our experience includes pilot testing, planning, design, and construction of water treatment facilities involving microfiltration, ultrafiltration, nanofiltration, and reverse osmosis processes. Tetra Tech is ranked No. 1 by *ENR* for Water Treatment and Desalination.



### Reservoirs and Storage

From open surface reservoirs to elevated storage tanks, Tetra Tech partners with our clients to provide solutions for rehabilitating existing storage facilities. Tetra Tech designs and constructs new facilities that are aesthetically pleasing and complement adjacent architectural schemes.



### Transmission and Distribution

Tetra Tech has extensive expertise in modeling, designing, and building reliable, safe, and cost-effective water transmission and distribution systems. Throughout any given project, we work closely with our clients to design infrastructure that is easily permitted and constructed. Special consideration is given to site access to facilitate operations and maintenance of transmission and distribution systems.

# • Drinking Water Capabilities

## **Master Planning**

- Asset Management
- Demand Management
- Facility Planning
- Capital Improvement Planning
- Watershed Management

## **Management Consulting**

- Rate Studies
- Financial Planning
- Security
- Threat and Vulnerability Assessments
- GIS and Planned Maintenance
- Consumer Confidence Reports
- O&M Manuals
- Laboratory Information Management Systems (LIMS)

## **Water Supply Facilities**

- Dams and Reservoirs
- Intake and Infiltration Structures
- Groundwater Wells
- Groundwater Resource Protection
- Aquifer Storage and Recovery Systems
- Hydrogeologic Studies

## **Transmission and Distribution Systems**

- Large Diameter Water Mains
- Distribution Piping
- Booster Pumping Stations
- Storage Tanks
- Metering Facilities
- Rehabilitation and Restoration
- Water Audit/Leak Detection
- Hydraulic Modeling
- Water Quality Modeling

## **Treatability Studies**

- Pilot Plant Studies
- Process Simulation and Optimization
- Safe Drinking Water Act Compliance
- Corrosion Control
- Lead and Copper Compliance
- Taste and Odor Control
- Disinfectant and Disinfection By-Product Compliance

## **Instrumentation and Control Systems**

- SCADA
- Integration
- Remote Status and Control
- Data Management and Trending Analysis

## **Treatment Facilities**

- Conventional and High-Rate Filtration
- Softening
- Ion Exchange
- Air Stripping and Degasification
- Enhanced Coagulation
- High-Rate Clarification
- Direct Filtration
- GAC Filtration
- Membrane Filtration
- Desalination
- Alternative Disinfection

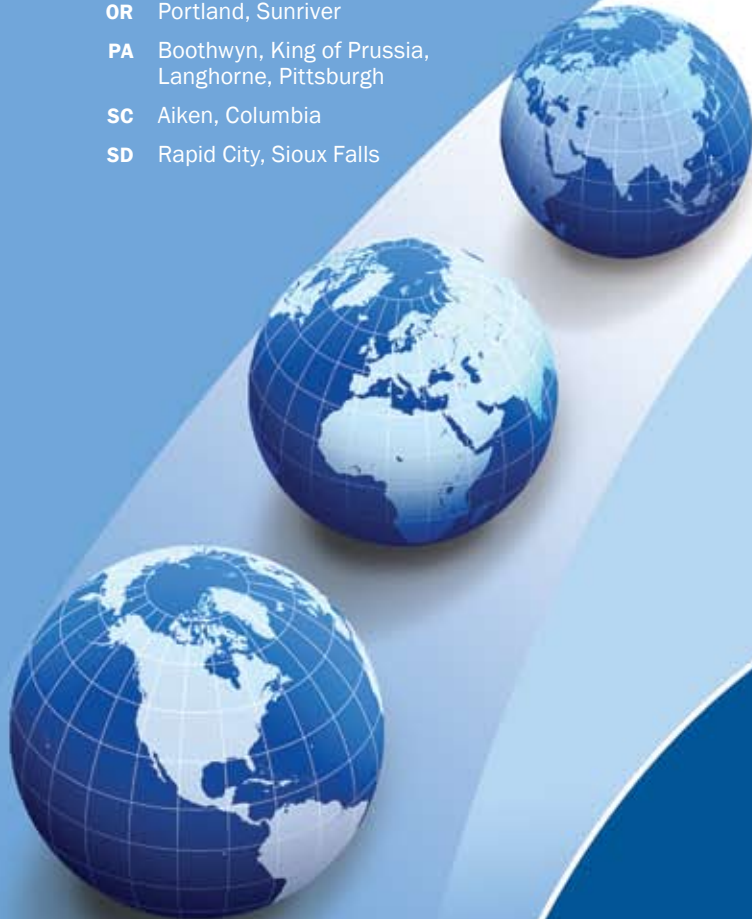
## **Construction Management**

- Resident Engineering Services
- Program Management
- Owner's Representative Services
- Design-Build Delivery
- CM-at-Risk Delivery
- Performance Testing Services
- Start-up and Training Services



# Tetra Tech Locations Worldwide •

- AK** Adak Island, Juneau
- AL** Fort McClellan, Huntsville, Mobile
- AZ** Payson, Phoenix, Show Low, Tucson
- CA** Alameda, Camarillo, Diamond Bar, Foothill Ranch, Irvine, Lafayette, Long Beach, Los Angeles, McClellan, Moffet Field, Oakland, Ontario, Palm Springs, Pasadena, Rancho Cordova, Sacramento, San Bernardino, San Diego, San Francisco, San Luis Obispo, Santa Ana, Santa Barbara, Santa Maria, West Covina
- CO** Aurora, Boulder, Breckenridge, Colorado Springs, Denver, Fort Collins, Golden, Grand Junction, Greenwood Village, Lakewood, Littleton, Longmont, Louisville
- CT** Hartford
- DE** Lewes, Newark
- FL** Bartow, Boynton Beach, Cocoa, Destin, Fort Lauderdale, Fort Meade, Fort Myers, Hialeah, Jacksonville, Miami, Orlando, Port Charlotte, Port St. Lucie, Sarasota, Stuart, Tallahassee, Tampa, West Palm Beach
- GA** Atlanta, Augusta, Duluth, Fort Benning, Norcross, Roswell, Savannah, Stone Mountain, Warner Robins
- HI** Honolulu
- ID** Boise
- IL** Chicago, Collinsville, University Park
- KS** Kansas City
- KY** Kevil, Lexington, Louisville, Paducah
- LA** Alexandria, Baton Rouge, Metairie, New Orleans, Shreveport, West Monroe
- MA** Boston, Braintree, Cambridge, Framingham, Littleton, Weymouth, Wilmington
- MD** Annapolis, Germantown, Owings Mills
- ME** Portland
- MI** Ann Arbor, Brighton, Detroit, Lansing, Richmond
- MN** Bloomington
- MO** Jefferson City, Kansas City, Saint Louis
- MT** Billings, Bozeman, Helena, Missoula, Troy
- NC** Morehead City, Research Triangle, Salisbury
- NE** North Platte, Omaha
- NH** Manchester
- NJ** Freehold, Morris Plains, Princeton, Rockaway, Whitehouse Station
- NM** Albuquerque, Santa Fe
- NV** Elko, Las Vegas, Reno
- NY** Albany, Buffalo, Farmingdale, Ithaca, New York, Pittsford, Schuylerville, Syracuse
- OH** Beavercreek, Cincinnati, Cleveland, Columbus, Gahanna, Portsmouth, Sharonville, Toledo
- OK** Del City, Oklahoma City, Tulsa
- OR** Portland, Sunriver
- PA** Boothwyn, King of Prussia, Langhorne, Pittsburgh
- SC** Aiken, Columbia
- SD** Rapid City, Sioux Falls
- TN** Memphis, Nashville, Oak Ridge, Powell
- TX** Addison, Austin, Eagle Pass, Houston, Midland, Richardson, San Antonio
- UT** Midvale, Salt Lake City
- VA** Alexandria, Arlington, Fairfax, Norfolk, Reston, Sterling, Virginia Beach
- VT** Burlington, Montpelier
- WA** Bellevue, Bothell, Bremerton, Everett, Poulsbo, Richland, Seattle, South Seattle, Spokane, Stanwood
- WI** Brookfield, Chippewa Falls, Seymour, Sheboygan, Wausau
- WV** Charleston
- WY** Casper



## International Locations

United States • Afghanistan • Australia • Canada • China • France  
Germany • Guam • India • Japan • Panama • Philippines • South  
Korea • Thailand • U.A.E • United Kingdom



## CORPORATE HEADQUARTERS

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