



WATER RESOURCES

Protecting our water resources and providing adequate, safe water is vital – now more than ever.

WATER SOLUTIONS

Increasing population, aging infrastructure, and stricter regulations all pose challenges that demand sustainable solutions to maintain water supply and quality, protect public health, and enhance the environment. Parametrix understands these issues and works with clients to develop integrated solutions that balance the needs of consumers with those of the environment.

We offer a full range of capabilities to assist clients with their water resource projects.

Multidisciplinary Capabilities

Our multidisciplinary team of planners, engineers, and scientists works together to develop comprehensive solutions that incorporate modeling, mapping, engineering, and scientific investigation.

"...excellent project management throughout the project to keep the project on schedule and within budget... Your staff did an outstanding job of designing the facilities and managing the construction."

—Steven Schuller, PE, Former City of Duvall Director of Public Works



Water

Helping clients with water resource management, water systems, and drinking water quality.

- Pipeline, pump station, and reservoir design
- Water system planning
- Engineering reports
- Source development
- Wellhead protection
- Treatment design
- SCADA and control systems



Wastewater

Solving municipal and industrial wastewater treatment challenges, from collection, conveyance, and treatment to reuse.

- Master planning
- Existing system repair and rehabilitation
- Treatment design
- Pipeline and conveyance
- Outfalls
- SCADA and control systems



Stormwater

Providing comprehensive stormwater management planning, drainage design, hydraulic analysis, and integrated site design.

- Stormwater management planning
- Low impact design (LID)
- Drainage system design
- Hydraulic analysis
- Integrated site design
- Regulatory compliance



Flood Control

Helping our clients implement comprehensive flood control management programs.

- Watershed management studies and modeling
- Floodplain mapping and risk assessments
- Stream corridor planning
- Culvert design and fish passage
- Urban drainage
- Flood protection design
- Permitting

Knowledge of Changing Regulations

Parametrix is engaged in policy making with federal, state, and local agencies. We understand the requirements of the latest regulations and design solutions that meet or exceed the requirements.

"When we set a goal in 2005 to improve our stormwater management system, we had no idea how far our consultant team would be able to take the idea. In short, they have vastly exceeded our expectations, and we are proud of the environmental accomplishments we have achieved."

—Len York, CEO, Nichols Brothers Boat Builders

Participatory Process

We partner with our clients to develop the best solution possible. We facilitate workshops where stakeholders participate in key decisions.

"Over the past year I have had the pleasure of working with the Parametrix team on the City's Storm and Surface Water Utility Comprehensive Plan Update. This has truly been a collaborative effort... working alongside city staff from a variety of departments and programs in addressing policy, regulatory and natural resources challenges."

—Brian Ward, PE, Stormwater Systems Hydrologist, City of Bellevue Utilities, Engineering Division

Recent Awards

Parametrix was recognized for "significant contributions to the water supply profession" with receipt of the Water Drop Award in 2010 from AWWA – South Sound Subsection of the PNWS. Other projects that have been recognized with awards include:

Vancouver Lake Lowlands Aquifer Restoration Project - Vancouver, WA

- Silver Award - Environmental, ACEC Washington Chapter, 2010

Ft. Flagler State Park Utilities - Island County, WA

- 2010 Top Water & Wastewater projects, Water & Wastes Digest

Nichols Brothers Boat Builders Stormwater Management - Freeland, WA

- Silver Award, Technical Value to the Engineering Profession, ACEC Washington Chapter, 2009

Pine Street Sanitary Sewer Project - Grants Pass, OR

- Project of the Year – Sanitary Sewer, APWA Oregon Chapter, 2008

Steele Creek Fish Passage - Bremerton, WA

- Project of the Year – Environmental, APWA Washington Chapter, 2008

Duvall Wastewater Treatment Plant - Duvall, WA

- Public Works Project of the Year, APWA National, 2006
- Public Works Project of the Year, APWA - Washington Chapter, 2006
- Gold Award for Engineering Excellence, ACEC - Washington Chapter, 2005

Please contact
Parametrix today
to schedule a
consultation at
info@parametrix.com

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