



# Statement of Qualifications

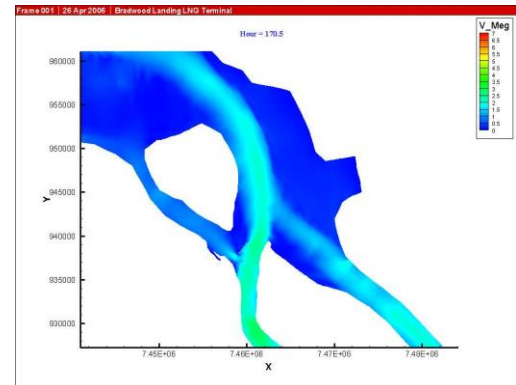


**WEST Consultants, Inc.** is a small business firm, founded in 1988, that provides public and private clients with specialized water resource engineering consulting services. WEST Consultants offers these services to clients on a local, national, and international basis from our seven offices located in Oregon, Washington, California, and Arizona. The personnel of WEST Consultants are recognized specialists in hydrology, hydraulics, sediment transport, fluvial geomorphology, and water quality.

## *Specialties*

Our project experience includes:

- **Hydrologic analysis and modeling**
- **1-, 2-, and 3-dimensional hydraulic modeling**
- **Hydraulic structure designs**
- **Geomorphic and sediment transport investigations**
- **Flood hazard studies**
- **Surface water management and flood control**
- **Water quality modeling**
- **Reservoir operations and control studies**
- **Dam safety evaluations and dam breach modeling**
- **Environmental engineering**
- **Hydrologic data collection and hydrographic surveys**



## *Capabilities*

The WEST Consultants staff is comprised of highly qualified and conscientious engineers and scientists with strong academic backgrounds and diverse water resource engineering project experience. Our extremely capable staff is experienced in employing traditional methodologies, applied research, and state-of-the-art technology to solve complex hydraulic issues. The personnel of WEST Consultants are experts in the development and application of hydrologic, hydraulic, sediment transport, and water quality related computer models. WEST Consultants' experts routinely conduct technical training seminars and provide technical support for other consultants.

The *River Measurement Division* of WEST Consultants provides a full range of hydrologic data collection and hydrographic stream survey services necessary for development of watershed management and stream restoration plans, monitoring of environmental conditions, and ensuring compliance with regulatory standards. These services include:

- ✓ **Flow measurement for establishment of stage-discharge relations necessary for systematic flow data collection**
- ✓ **Design and construction of stream flow and water quality monitoring stations**
- ✓ **Installation of instrumentation for collection, storage, and telemetry of monitoring data for stage, velocity, rainfall, temperature, water quality, and scour depth**

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- ✓ **Data processing to produce reliable discharge estimates**
- ✓ **Water quality sampling**
- ✓ **Suspended and bed material sediment sampling**
- ✓ **Hydrographic stream surveys**
- ✓ **Operation and maintenance of stream flow monitoring and water quality monitoring stations for development of reliable long-term data records.**

## ***Resources***

As a specialized firm with seven offices, WEST Consultants offers a staff of over 60 highly trained professionals specifically dedicated to the field of water resources. WEST Consultants offers a unique depth and breadth of resources, expertise, and experience in water resource engineering that is typically absent from much larger, less specialized, firms. As specialists, we are well experienced in supporting multidisciplinary project teams. The WEST Consultants offices maintain high-speed computer networks and work stations that are necessary for demanding computer modeling and digital geographic information analyses.

## ***Client Focus***

To maintain close client-consultant relations, WEST project managers maintain a high degree of technical involvement and management control over each project. We highly value each client and take pride providing responsive client service. We continually strive to exceed expectations. The combination of intelligence, academic training, practical experience, and personal commitment offered by the WEST Consultants staff allows us to conduct our projects on time and within budget.

## ***Contact Us***

We hope that you will consider using WEST Consultants as your specialty hydraulic engineering consultant. If you have questions or would like to discuss how WEST Consultants can work with you, please contact one of our senior staff:

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