



Water Resources
PROJECT ENGINEER
\$30.55-39.60 per hour

Plus Excellent Benefits



WHY APPLY?

We believe that where you work should matter to you, provide interesting and unique issues to work on, and allow for a comfortable work-life balance within an average 40-hour work week. Yakima County provides an opportunity to work on engineering projects that directly benefit the community and environment while still leaving time to go out and appreciate the outdoors at the end of the day.

Other perks include:

- Stable funding. The Flood Control Zone District and Stormwater both have a yearly utility that provide funding for the division.
- Work with the River and Outdoors
- Office conveniently located downtown
- Generous paid time off
- Work with a team that has won best flood control project of the year (Eschbach Park)

THE REGION

With 4,296 square miles stretching from the crest of the Cascade Mountains to the inland desert, Yakima County is the 2nd largest county in the state by land area. Yakima County leads the state in agricultural production, where hops, vineyards, orchards and agricultural industries contribute \$850 million per year to the local economy. Yakima County has approximately 250,000 residents, most of whom live in its 14 cities and towns. Nearly 300 days of sunshine, four distinct seasons, and top-notch wineries, breweries and outdoor activities make Yakima County an attractive place to live.

Yakima, with a population of just over 94,000, is the county seat and the largest city in Yakima County. The family-oriented city offers convenient access to great year-round outdoor activities including snowboarding and skiing, windsurfing, kayaking, hiking and fly fishing. The city has a critical access hospital, regional airport, community college, and a medical school in nearby Terrace Heights.

The White Pass Ski Area, located 54 miles west of Yakima and 12 miles southeast of Mount Rainier National Park, offers 2,000 feet of vertical and 1,402 skiable acres of downhill skiing, snowboarding, and Nordic skiing. The greater White Pass region (Okanogan-Wenatchee National Forest) offers camping, mountain biking, fishing, hunting and access to the Goat Rocks and Pacific Crest Trail.

Check out the County's website, or www.visityakima.com for more information.

THE COUNTY MISSION

The mission of Yakima County Government is to provide accessible, responsive and responsible public service through leadership and teamwork committed to understanding and meeting public needs.

Our Values:

- Integrity
- Common Sense
- Innovation
- Accountability

THE POSTION

Design with Yakima County on cutting edge flood control and stormwater projects in a position that provides security and great work-life balance. Get paid for helping our community and rivers thrive, have greater safety, and benefit the environment.

Water Resources Mission: Yakima County - Water Resources Division includes both the Flood Control Zone District and Stormwater Utility. We strive to be the leading environmental and natural resources services team to:

1. Reduce flood risk and damages within Yakima County
2. Reduce or mitigate existing flooding problems and risk
3. Prevent the creation of new flooding problems

4. Protect water quality and prevent the creation of new water quality problems

Role Summary: We are seeking a Project Engineer to work collaboratively with a highly talented, cross-functional team to create engineering solutions to water quantity and water quality issues. The ideal candidate thrives in a collaborative environment and has a passion for water, engineering, and environment. As an experienced engineer, this candidate will help serve as a technical lead on our engineering team and provide innovative design solutions. In this role, you will join our core team of engineers, biologists, natural resource specialists, and scientists. This position will have you managing projects from concept to completion. Our ideal candidate is a creative thinker who shares our passion for bettering the interaction of water, natural resources, and of those who live in Yakima County.

Core Customers and Collaborators: We are proud to be at the forefront of some of the most successful flood control projects in Washington State, including: levee pullbacks, new flood channels, and innovate collaborations with partners. Some of our core groups we interact with regularly include:

- Yakima County residents interested in flooding or flood control works protecting their property
- Individual and collective landowner in identified project or flooding areas.
- Partnerships within the County and Yakima basin which maximize flood benefits and reduce overall costs
- Partnerships with Corps of Engineers, including levee safety programs and emergency response
- Local agencies in managing development in flood prone areas and sharing water quality information and ideas
- Federal Emergency Management Agency (FEMA), especially in development of flood maps and communicating flood risks
- Department of Ecology

- Basin Initiates such as the Yakima Basin Fish and Wildlife Recovery Board and the Yakima Basin Integrated Plan

Position Tasks: Complete project designs, calculations and cost estimates related to hydrology, hydraulics, flood hazard reduction fish passage, stormwater drainage, and water quality. Provide assistance to Public Services professionals. Prepare and run hydrologic/hydraulic surface and groundwater models to help support Water Resources project designs. Provide assistance and QA/QC to Water Resources, Public Services engineers and others regarding stormwater quantity and quality treatment designs and operation and maintenance requirements.

Manage contracts/consultants responsible for conducting multi-objective surface water related projects; reviews, conducts QA/QC, and accepts consultant products for County requirements. Projects may include, flood mapping, flood mitigation, stream restoration and fish/wildlife enhancement, flood planning, and field data collection studies. Prepare scope of work, budget, timeline, selection criteria, QA/QC requirements and BOCC agenda items.

Perform drainage plan review and comment on Public Services projects, public and private projects where review and approval by Public Services is required.

Perform GIS, Auto-CADD, and Civil 3D work related to Water Resources Division projects. Including: design drawings; preparing files for interface with hydrologic models; preliminary mapping in GIS; mapping of storm drainage components; LIDAR (Light Detection And Ranging); Global Positioning System (GPS); survey data; velocity and stream flow; sediment, hydraulic structures data; mapping of stream inventory data. Work closely with County GIS Department on standards, methods, and final mapping and placement onto the County GIS.

Perform Stormwater Facilities investigations, alteration review, and assist with strategic planning

and operation. Assist with Stormwater Facility complaints and problem calls from the public including field investigations. Determine existing pipe sizes and materials for Stormwater Facilities.

Other duties as assigned

Work Schedule: Standard work schedule is a 40 hour work week, Monday - Friday.

Office and Field Work Balance: We believe it's critical to get boots on the ground to become familiar with the rivers and tributaries we work on, and even more important to learn from them. Depending on projects assigned and design stages, field work is vital in both identifying changing conditions and flood risks as well as developing and implementing a successful project. We compile field observations and other data in the office to improve our understanding and effectiveness of computer based information.

Location: Yakima County office is located at 128 N. 2nd Street, Yakima, WA.

IDEAL CANDIDATE PROFILE

Education: Bachelor's Degree in Civil Engineering or related field and four years engineering experience including in surface water analysis and/or design; or an equivalent combination of education and experience which provides knowledge, skills, and abilities sufficient to successfully perform the essential duties of the job.

Required: Current registration as a Professional Engineer in the State of Washington. Applications will be accepted from registered engineers residing in another state, and appointments of such individuals shall be contingent upon obtaining the Washington State Registration. Possession of a valid Washington State Drivers' License is required at time of appointment.

Preferred: Proficiency in use of required computer software for assigned area of work. Lead worker experience.

This is a Yakima County Clerical, Trades and Professional Bargaining Unit position.

Equipment Used: Computer, tablet, field vehicle, calculator, telephone, copier, camera, tape measuring equipment (tape or wheel). Proficiency with hydrologic and hydraulic computer software including HEC-RAS, HEC-HMS, Geo-RAS, SRH-2D, MIKE11, MIKE21, MIKEFLOOD, QPEAK, AutoCAD, Civil 3D, ArcView, ArcGIS, ArcMap, ArcGIS Collector, ArcGIS Pro TR-55 and SWMM. Intermittent field equipment (water and soil sampling equipment, flow measurement equipment, survey equipment), GPS equipment and Small Unmanned Aerial Systems. Use Microsoft Word, Excel, PowerPoint, Project, and Access along with PDF viewers, editors and digital signatures.

Working Conditions/ Physical Requirements

Sedentary Work: Environmental Demands: travel, field work, may work outside of standard business hours. Physical Demands: reaching, sitting, standing, walking, fingering, hearing, talking, visual acuity. Intellectual Demands: ability to multitask, ability to work under pressure, ability to articulate communication in conversations, ability to follow written and verbal instruction. Light Work: Exerting up to 20 pounds of force occasionally, and/or up to 10 pounds of force frequently, and/or a negligible amount of force constantly to move objects.

Work requires both office and field work and may involve interaction with hostile individuals. Requires driving, climbing, reaching, standing, walking on sometimes-uneven terrain, fingering, grasping, feeling, talking, hearing, seeing and repetitive motions.

Necessary Knowledge, Skills and Abilities

Knowledge: Methods and principals of river stabilization design, standards, and construction oversight. Methods and principals of sub-surface drainage system construction design, engineering standards, and drainage project oversight.

Methods and principals of riparian habitat restoration.

Engineering theories and principles as practiced in the State of Washington. Related disciplines such as planning, soils analysis, hydraulics and hydrology. Methods and principals of prioritizing, assigning, directing and monitoring work of others. Permitting pathways for local, state and federal requirements including ESA, NEPA, SEPA, cultural resources, Clean Water Act, etc. Materials and safety precautions used in engineering projects. Methods and techniques of meeting facilitation, project development, project management, and customer service. Common materials and placement techniques used in engineering projects. Methods and principals of storm system construction and drainage design, development standards, land use review. Safety precautions; and Customer service techniques

Skills: Monitoring and reviewing the work of contractors and architects; Prioritizing, monitoring and supervising engineering projects; Coordinating complex engineering projects; Providing technical

COMPENSATION & BENEFITS

- \$63,543 - \$82,358 DOQ
- Medical, Dental, Vision coverage
- Life insurance, AD&D, and LTD
- Paid Time Off Program
- 10 paid holidays
- Wellness Program
- Public Retirement Systems of Washington (PERS)
- Short Term Disability
- Accident and Critical Illness
- Employee Assistance Program

advice to professional level staff; Writing contract specifications; Reading and interpreting maps, blueprints, schematics, plans and specifications; Designing engineering projects; Drafting designs and plans;

Abilities: Making complex mathematical calculations; Tracking and monitoring records for projects; Using computers and related software applications; Establishing and maintaining effective interpersonal relationships at all organizational levels and with the public; and Oral and written communication sufficient to exchange or convey information and to receive work direction. Managing and coordinating complex engineering projects; Inspecting projects for compliance with rules and regulations; Tracking and monitoring records for projects; Managing complex construction contracts; Conducting project inspections.

**Please visit:
www.yakimacounty.us**

This position does not open often with the last Project Engineer hired nearly five years ago. Take advantage of this opportunity now. Go to the website (currently shows generic link, but direct link to the exact position would be better) and apply today: <https://yakimacounty.wd5.myworkdayjobs.com/YakimaCountyWA>

Yakima County Courthouse
128 N. 2nd St.
Yakima, WA 98901