



"Serving our western heritage, enhancing  
our natural resources"

Western Heritage Consulting & Engineering (WHCE) is looking for the next best **Civil/Agriculture Professional Engineering Assistant** to join our team! We are a small, family owned firm, with grand visions and aggressive deadlines. The ideal candidate for this position should have at least 2 years of Civil or Agriculture engineering, hold an EIT or PE, and be blessed with common sense. The job is diverse; some days you will be drafting, some days engineering, some days on the construction job sites, and some days helping with administrative tasks. If you are tired of doing the same thing over and over for years on end, this job might be for you!

Culture is extremely important to us. We are looking to hire the RIGHT person who can fit into a small office culture, work independently but have the ability to ask for help when needed, have a passion for and experience with natural resources and large terrains, and want to continually learn. We ask each employee to be respectful, honest and diligent with your time—if you struggle in any of these areas, please don't apply! If you are a great team player that holds respect and honesty in high regards, and are willing to do an assortment of tasks—please do apply!

While this ad is for an Engineering Assistant, if you are a seasoned engineer looking for a change of scenery/attitude/mission, please reach out to us to see if you might also be a fit!

Location, location, location! We are based in Casper, WY and have a strong presence in the Mountain West. If the right person applies, and are based elsewhere in the Rocky Mountain region, we would discuss the opportunity to open a satellite office...which means YOU would get to live and work where you love!! It also means the responsibility of getting and maintaining workload in that area would fall on you...so if you have a great client base right now and are ready to advance to this stage, send that resume in!!

If, after reading this, you're still thinking you're the one, please email your resume and cover letter to: [info@westernhce.com](mailto:info@westernhce.com)



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## Civil Engineering – Assistant Engineer

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Western Heritage Consulting & Engineering is seeking candidates for an Assistant Professional Engineer or Engineer in Training in the Civil Engineering Division in Casper, WY. This position requires thorough knowledge of civil/agricultural design and engineering practices and techniques, as well as CAD and graphics drafting skills. Applicant will be asked to plan and conduct independent work requiring judgment in the evaluation, selection, application and adaptation of engineering techniques, procedures and criteria. Applicant will devise new approaches to problems, and prepare or modify drawings, specifications, calculations, charts and graphs, and monitor work for compliance to applicable codes, accepted engineering practices and Western Heritage Consulting & Engineering standards. An emphasis in water and natural resources, including hydrology & hydraulics, and site grading is preferred.

### Responsibilities:

- Develop surface models, pipe networks, pressure networks, and manage point clouds utilizing AutoCAD Civil 3D or ESRI software
- Utilize sketches, notes and other input material to complete design drawings with minimal supervision
- Inform Project Manager(s) of progress on assigned projects
- Provide basic project design utilizing AutoCAD Civil 3D
- Prepare technical engineering calculations
- Use catalogs to specify items for which original design is not required
- Instruct drafters on how to create drawing of designs
- Perform research, write technical reports and prepare opinions of cost
- Use modeling software to solve engineering problems
- May provide some surveying and construction observation
- Construction Inspection, field work and site surveys when needed
- Receive initial instruction or advice from a supervisor or project manager; work is subject to supervisor approval
- May supervise student and/or drafting staff
- Prepare project schedules and may provide project management
- May traverse and work in all types of terrain and weather conditions, as well as project sites in various stages of construction
- Other assigned duties as required

### Job Requirements:

- Bachelor's Degree in engineering or other applicable field from an ABET accredited U.S. institution of higher education
- 2+ years of engineering experience using AutoCAD Civil 3D for civil design site/land development
- PE licensure or EI certificate with ability to obtain PE licensure within 2 years
- Proficient in AutoCAD, AutoCAD Civil 3D experience is preferred
- Construction observation and/or operator experience is preferred
- Survey experience with survey grade GPS, mapping grade GPS and Total Station preferred
- Effective communications skills both oral and written
- Effective interpersonal skills with coworkers and public agency officials



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- Self-starter
- Valid Driver's License
- Ability to work interdependently within a team environment
- Must be flexible to changes in work assignments on short notice and/or on a daily basis as changes occur in project needs
- Represent WHCE in a professional manner at all times

#### **Skills and Special Requirements/Licensing:**

- AutoCAD Civil 3D
- Excellent computer skills in Microsoft Suite
- Pre-employment drug and alcohol screening
- Background screening including previous employment, education, criminal history, and driving record verification
- Ability to legally work in the United States

#### **Work Environmental & Physical Demands:**

The characteristics described below are representative of those encountered while performing the essential functions of this position. Reasonable accommodations will be made to enable individuals with disabilities to perform the essential functions.

- While performing duties of this job, employee will occasionally be required to drive a motor vehicle, stand, walk, sit, reach with hands and arms, climb or balance, stoop or kneel, talk and hear, and use fingers and hands to feel objects, tools or controls. Workload may require work in outside environment or on construction sites at times with exposure to sun and wind with occasional limited exposure to precipitation.
- Must occasionally lift and/or move up to 45 pounds.
- Project observation, sampling, observation and certification may require assembly or testing of mechanical components requiring operation of design equipment or components.
- Specific vision abilities required include close vision, distance vision, depth perceptions, and the ability to adjust focus.
- Overtime may be necessary as workload's dictate. This may include weekdays, weekends and/or holidays.
- Job will generally be performed in an office environment, but may require travel to visit a Client's office, project location or industrial/construction job site. Conditions will vary at each location, but the conditions listed above will generally apply.
- May be assigned to work at a Client's office, facility or site for an extended period of time. Conditions will vary at each location, but the conditions listed above will generally apply. When performing outside Western Heritage Consulting & Engineering's office, appropriate safety training and safety equipment will be provided by Western Heritage Consulting & Engineering and/or Client as required.

#### **Response and submittal:**

Remit resume, cover letter, & contact information to: [info@westernhce.com](mailto:info@westernhce.com) for questions:  
307.215.7430 ext. 101.