

**Volunteer/Unpaid, DENVER, CO – EPA Region 8, Drinking Water Intern (CLOSING DATE:  
04/05/2019)**

**Background:** The Region 8 Water Division, Safe Drinking Water Branch implements the National Primary Drinking Water Regulations (NPDWRs) in Wyoming (~800 water systems) and Indian Country (~150 water systems), and oversees state implementation of the NPDWRs in Colorado, Montana, North Dakota, South Dakota and Utah. This work requires coordination with stakeholders internal and external to EPA, including operators at drinking water systems, state agencies, EPA headquarters, and EPA Office of Research and Development.

**Job Description:** As an intern in the Region 8 Water Division, Safe Drinking Water Branch, you will develop transferrable skills that will benefit you in future academic and career endeavors. You will be part of a dynamic team that works to protect public health by ensuring that the drinking water delivered to the public meets all applicable regulatory requirements. You will be tasked with activities that will contribute to the success of the Safe Drinking Water Branch, including developing forms and outreach materials to help improve data processing and compliance. As an intern in the Safe Drinking Water Branch you will learn about the NPDWRs and drinking water protection in Region 8, contribute to the success of the team by acting as a resource to the program, and gain experience working toward EPA's mission to protect human health and the environment.

*Specific duties may include, but are not limited, to the following:*

- Develop a public water system "report card" that compares an individual system's performance with regard to specific compliance and water quality indicators to other similar water systems.
  - Assist in the development of updated surface water monthly operating reports for use in Wyoming and Indian Country.
  - Assist in the development of programming to automate processing of the surface water monthly operating reports using R, Adobe Pro, and Excel.
  - Verify water systems' infrastructure locations and upload them into GIS software.
  - Become familiar with aspects of the NPDWRs, including specific monitoring requirements and analytical methods.
  - Other duties as needed.
- (all duties will be accomplished with the support of the DW team)

*Desired Skills:*

- Excellent written and verbal communication
- Basic R programming knowledge
- Intermediate Excel / Word / PowerPoint
- Ability to work independently
- Works well on a team
- Ability to process and analyze large amounts of data and develop graphs and other tools to summarize the results in a simple and easy to understand format

*Knowledge/Experience* (optional, but a bonus):

- Basic understanding of drinking water treatment processes
- Basic understanding of environmental science
- Advanced R programming knowledge

**Timeline:** Intern will be on board for a minimum of 2 months, maximum of 4 months (there may be an opportunity to extend for a maximum of 6 months depending on circumstances, but this is not assured)

**Desired hours per week:** 20 – 40 hours (preference will be given to qualified candidates available to work more hours per week)

**Desired start date:** Flexible (Note: From the time of acceptance, there will be a 2-4-week period prior to first day of work while paperwork is completed)

**How to Apply:** Email your transcripts, resume, cover sheet to Jake Crosby at [crosby.jake@epa.gov](mailto:crosby.jake@epa.gov) by Friday, April 5, 2019.

**For More Information:** Jake Crosby, Water Division, Safe Drinking Water Branch, (303) 312-6389 or [crosby.jake@epa.gov](mailto:crosby.jake@epa.gov)

**Human Resources Contact:** Elaine Robles, (303) 312-6194 or [robles.elaine@epa.gov](mailto:robles.elaine@epa.gov)