

**Volunteer/Unpaid, DENVER, CO – EPA Region 8, LSASD – Technical Assistance Branch/Water Division-Water Quality Intern (CLOSING DATE: 04/17/2020)**

**Background:** The Laboratory Services and Applied Sciences Division- Technical Assistance Branch's Hydro/Geo Team provides technical support to the entire region. A large portion of the team's technical assistance is provided to the Superfund Program on mine and chlorinated plume mitigation projects.

**Job Description:**

As an intern you will develop transferrable skills that will benefit you in future academic and professional endeavors. You will be part of dynamic teams that work under various authorities. You will be tasked with activities that will contribute to the success of the Technical Assistance Branch, with a focus on Superfund/CERCLA sites. In this position, you will have the opportunity to learn about environmental impacts across media; 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:*

Complete principal component analysis or other advanced statistical techniques to identify correlations in seep and spring and/or monitoring well data at Superfund/CERCLA Sites on state lands and in Indian Country. This effort will focus on identifying spatial and chemical relationships between waters collected over large mining impacted areas.

*Desired Skills:*

- Excellent written and verbal communication
- Microsoft Excel and Word proficiency
- ArcGIS (ArcMap, ArcCatalog)
- R-Programming
- Ability to work independently and self-actuate
- Works well on a team
- Ability to process large amounts of complex technical and policy information and summarize critical elements

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

- Basic understanding of environmental science
- Familiarity with data manipulation or GIS software

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

**Desired hours per week:** 20 – 40

(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 (Tricia Pfeiffer, Pfeiffer.Tricia@epa.gov) by Friday, April 17, 2020.

**For More Information:** Ian Bowen, Technical Assistance Branch, Bowen.Ian@epa.gov, 303.312.7029 or Michael Fischer, Fischer.Michael@epa.gov, 303.312.6216

**Human Resources Contact:** Elaine Robles, Human Resources, 303.312.6194 or robles.elaine@epa.gov