

Volunteer/Unpaid, DENVER, CO – EPA Region 8, LSASD – Technical Assistance Branch/Water Division-Water Quality(Hydro-Geo) 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 the sample prep for the RARE Project (NPDES Program focus) and the Water Quality Section with a focus on a Tribal CWA 106 project. 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:

- Prepare water samples for bioassay evaluation (e.g., solid phase extraction, sample preservation). This effort will support the NPDES Program
- Prepare geospatially referenced map(s) of an oil and gas producing basin, including layers illustrating groundwater vulnerability, locations of discharge permits and water quality sampling sites. Once the data are compiled, additional analyses may be performed evaluating discharge flow-length/distances, contaminant transport distances, etc.

Desired Skills:

- Excellent written and verbal communication
- Microsoft Excel and Word proficiency
- ArcGIS (ArcMap, ArcCatalog)
- Proficiency in sample preparation
- 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 Treasure Bailey, Technical Assistance Branch, Bailey.Treasure@epa.gov by Friday, April 17, 2020.

For More Information: Treasure Bailey, Technical Assistance Branch, 303.312.6480 or Bailey.Treasure@epa.gov or Andrew Todd, Water Quality Section, Todd.Andrew@epa.gov

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