

DENVER, CO - Region 8 Environmental Justice / Technical Enforcement Student Volunteer Intern (CLOSING DATE: 04/09/2018)

Position Title: Environmental Justice (EJ) / Technical Enforcement Student Volunteer Intern

Background: Environmental Justice is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies. EJ is an integral part of Region 8's mission. Our EJ program works with other EPA staff, states, tribes, and communities to incorporate EJ into program activities and policies.

EPA Region 8's Technical Enforcement Programs (TEP) conduct compliance assistance and inspections and develop enforcement cases. The EJ and TEP Programs are located in Region 8's Office of Enforcement, Compliance, and Environmental Justice (ECEJ). Region 8 is responsible for ensuring the safe management of waste materials through implementation of the Resource Conservation and Recovery Act. RCRA TEP achieves this through three primary mechanisms: oversight of state waste programs, enforcement of RCRA Subtitle C for the management of hazardous waste (with direct implementation in Indian Country), and through direct implementation of Section 7003 of RCRA related to imminent and substantial endangerment for both hazardous and non-hazardous waste. The US Fish & Wildlife Service estimates that exposure by migratory birds to crude oil that has been spilled or that is managed in open-top containers and surface impoundments results in an estimated 500,000 to 1 million bird fatalities annually. In addition, the recent crash in the renewables market for lead-containing cathode ray tube (CRT) glass has caused many recyclers to dump and abandon tons of this hazardous waste that they can no longer afford to recycle. Region 8 is interested in determining whether GIS can be used to identify previously unknown sites with exposed crude oil and leaded CRT glass.

Position Description: The student intern will support the EPA Region 8 EJ Program and RCRA (and possibly other) Region 8 Technical Enforcement Programs.

For the EJ Program, this may include:

- Participating in community engagement activities/meetings and supporting Collaborative Problem Solving and other EJ grant activities.
- Assist with providing outreach to rural communities.
- Assisting in the development of materials (including training materials) to be used to communicate EPA processes and programs to the public.
- Researching and analyzing publically available place-based health data sets and other information and making recommendations for improving usefulness.
- Assist with the Region's College/Underserved Community Partnership Program (CUPP) including development of training materials.

For the RCRA TEP, the student intern will support the Program by identifying and applying GIS resources to locate areas of interest for further evaluation. The project will at minimum include an analysis of available resources, and based on those findings may also include an evaluation of the Region 8 states to identify sites of interest. Secondary assignments may arise involving research of hazardous waste generator facilities using EPA datasets to identify those that might be good

candidates to be prioritized for inspection. *Specific duties* may include, but are not limited, to the following:

- Establish basic understanding of the program to serve project goals
- Identify appropriate uses of ArcGIS or other GIS software and remote sensing technology and resources to achieve project goals
- Use Microsoft Word, Excel, and PowerPoint to analyze and report on project findings

The student volunteer may also have other opportunities to assist technical enforcement programs (e.g, Water Enforcement Program) with special projects, such as compliance assistance and inspection targeting.

Desired Skills: - Excellent written and verbal communication skills - Understanding of Social Media - Ability to work independently - Ability to work well in a team setting - Excellent written and verbal communication skills – knowledge of software including Excel, Word, Publisher - Proficient in ArcGIS or other GIS software - Ability to identify available GIS resources and tools - Ability to analyze and organize data using Excel

Knowledge/Experience (optional, but a bonus): - Marketing/Outreach – Community Engagement - Environmental Science/Engineering - Environmental Justice - Knowledge of remote sensing technology applications

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

Desired hours per week: 20-30.

Desired start date: May or June, 2018

APPLICATION REQUIREMENTS: Supply transcripts, resume and cover letter (*indicating the positions or positions you are interested in, your available start date, and approximate hours/weeks you could work*) to R8EPAintern@epa.gov with the subject line: Student Volunteer Internship Program.

For more information:

EJ -- Corbin Darling, darling.corbin@epa.gov, 303 312-6426

TEP -- Aaron Urdiales, Urdiales.aaron@epa.gov, 303-312-6844

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