

**Volunteer/Unpaid -DENVER, CO – EPA Region 8, Enforcement and Compliance Assurance Division  
(CLOSING DATE: 04/05/2019)**

**Background Needed:** Engineering or science –strong data handling skills.

**Job Description:** The intern selected will gain experience in the Clean Air Act (CAA) as it relates to oil & gas activities, the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). Discrete projects are listed below from which we will discuss with the intern to select work that is of interest to the intern as well as adding value to our efforts.

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

**1) FIFRA/TSCA**

- a) Analyze E-Commerce trends in relation to the importation of FIFRA and TSCA regulated chemicals.
- b) Research individual Ports of Entry (within R8) to develop inspection targets for import and export of FIFRA and TSCA regulated chemicals.
- c) Create a Compliance Assistance Toolkit for E-Commerce in relation to pesticide and chemical imports.
- d) Assist with the FIFRA Needs Assessment Project for R8 Indian Tribes currently without FIFRA Enforcement Programs, including nonagricultural and aerial application data.
- e) Assist technical enforcement programs with special projects, such as database updates, streamlining compliance assistance tracking and inspection reporting.

**2) Clean Air Act**

- a) Develop a 'shareable' national tracking system for enquiries, and responses to enquiries, on the CAA oil & gas regulation, 'NSPS OOOO/OOOOa'.
- b) Compare oil & gas production data, by-company and by-state, to NSPS OOOO/OOOOa annual reports submitted to EPA to understand if there are operators who are not submitting reports.
- c) Using GIS and oil & gas production data sets, develop a 'universe' and a targeting subset to aid project planning for the Combustion Efficiency Measurement Project. We need to understand our 'universe', so we understand the representativeness of the sites we go measure.
- d) Mine combustor performance test data for gas exit temperatures from combustors/enclosed flares to support site selection for our Combustion Efficiency Measurement Project for using a brand-new technology that remotely measures combustion efficiency.
- e) Develop an approach to estimate emissions from methanol tanks.
- f) Oil and gas inspection data collection tools development - R8 has invested resources to develop innovative field data collection tools to assist with oil and gas facility compliance assessments, and to more quickly inform decision-making processes. The tools have been used to track field records and develop inspection reports for over one hundred facilities in the Uinta Basin to date. The Intern will help improve

Phase 1 form design and help test and refine the software used to collect field data and produce summary reports.

- g) Leak Detection & Repair (LDAR) Data Auditing Tool (DAT) - R8 is spearheading development of an innovative targeting/compliance auditing tool for LDAR enforcement cases in oil and gas and other industry sectors. The Intern will help with beta testing and other quality assurance/quality control tasks regarding penalty/excess emission calculations, and enforcement documents production, and other Project goals.

*Desired Skills:*

- Excellent written and verbal communication
- Excel, Access database, PowerPoint and Basic Word
- Ability to work independently and on a team

**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, but this is not assured).

**Desired hours per week:** Flexible (preference will be given to qualified candidates available to work more hours per week).

**Desired start date:** Flexible (Please 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, and cover sheet to Cindy Beeler, [Beeler.Cindy@epa.gov](mailto:Beeler.Cindy@epa.gov) by Friday, April 5, 2019.

**For More Information:** Cindy Beeler, Enforcement & Compliance Assurance Division, [Beeler.cindy@epa.gov](mailto:Beeler.cindy@epa.gov), (303) 312-6204

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

