



## **Wastewater Engineering Intern**

Location: North Little Rock, AR  
Category: Division of Environmental Quality  
Office of Water Quality

Dates: May 31– August 5, 2022 (10 weeks)  
Number of hours/week: 40  
Hourly pay: \$13.74 (GS02)  
Posting End Date: April 1, 2022

### Summary:

The student intern will assist the Office of Water Quality staff in daily workload and gain valuable experience in applying educational concepts to real-world scenarios. The Wastewater Engineering Intern will be responsible for assisting in engineering studies, special projects, and performing related administrative duties.

### Functions:

Updates coordinates in PDS using Google Earth pins. Creates a spreadsheet of existing stream data to be used in permit development. Proofreads permits. Assists permittees in terminating unnecessary construction permits. Sets up a system to track initial trust fund fees. Tracks and evaluates nutrient and minerals data. Assists with site visits. Performs other duties as assigned.

### Knowledge, skills, and abilities:

- A student pursuing a chemical, civil, biological, or mechanical engineering degree is strongly preferred.
- Familiarity with the principles and practices of engineering related to storm water and wastewater treatment
- Experience in the use of Google Earth
- Knowledge of Microsoft Office products, including Access, Excel, and Word
- Ability to attend outdoor site visits as required



### **Water Planning Research Assistant**

Location: North Little Rock, AR  
Category: Division of Environmental Quality  
Office of Water Quality

Dates: May 31 – August 12, 2022 (11 weeks)  
Number of hours/week: 40  
Hourly pay: \$13.74 (GS02)  
Posting End Date: April 1, 2022

#### Summary:

The Water Planning Research Assistant will be responsible for collecting and compiling environmental data for a Boston Mountain Ecoregion project as well as quarterly lake sampling activity. Other responsibilities will include conducting a bacteria study, responding to harmful algal blooms, and scouting sites for upcoming studies.

#### Functions:

Conducts field investigations. Collects water quality data. Collects/identifies/analyzes macroinvertebrate and fish communities. Collects data on chemical assimilation capacity of specific water bodies and performs other related tasks. Advises or assists ecologists, management, or other staff in data collection methods, data sources, and statistical analysis. Selects, extracts, and prepares data for statistical analysis according to project or program guidelines. Performs fieldwork in all weather conditions and is available for overnight travel. Performs other duties as assigned.

#### Knowledge, skills, and abilities:

- An upper-level student studying fisheries and wildlife, natural resources, biology, or related field is strongly preferred.
- Knowledge of statistical research principles and practices
- Knowledge of methods and techniques of compilation and analysis of research and statistical data
- Knowledge of various computer programs related to data collection and analysis
- Ability to perform statistical analysis of data, interpret results, and translate into recommendations
- Ability to compile research and statistical information into report form



### **Asbestos Control Intern**

Location: North Little Rock, AR  
Category: Division of Environmental Quality  
Office of Air Quality

Dates: May 31 – August 12, 2022 (11 weeks)  
Number of hours/week: 40  
Hourly pay: \$13.74 (GS02)  
Posting End Date: April 1, 2022

#### Summary:

The student intern will assist the asbestos section staff with conducting daily work duties in asbestos certifications, license applications, and record keeping.

#### Functions:

Reviews and processes certifications and licenses. Prints ID cards. Scans and mails processed certificates. Files processed certification, license applications, and notices of intent forms. Performs other duties as assigned.

#### Knowledge, skills, and abilities:

- A student pursuing a degree in life or earth sciences is preferred.
- Ability to take direction, follow instructions, and listen actively
- General knowledge of the use of computer programs
- Proficient oral and written communication skills
- Attention to detail for data entry and filing of licensing and certification applications



### **Policy and Planning Intern**

Location: North Little Rock, AR  
Category: Division of Environmental Quality  
Office of Air Quality

Dates: May 31 – July 29, 2022 (9 weeks)  
Number of hours/week: 40  
Posting End Date: April 1, 2022

#### Summary:

The student intern will assist the Office of Air Quality staff with a policy and planning project dependent on the student's skill-set and individual interests. A policy project for an upper-level undergraduate student will allow for independent research and project development.

#### Available projects:

- Public Policy/Administrative project to assist with preparation and editing of State Air Plan documents and Air Rule revisions.
- Communications/Public Relations project to assist with updates to the office web pages and linked materials for the public.
- Communications/Public Relations/Spanish Language project to assist with the translation of Office public-information materials.
- GIS/Public Health/Web Design/Communications project to develop visual/interactive products using Air Quality Data that is publicly accessible via the DEQ Website.
- Public Policy/Regulatory/Research project to investigate and summarize other states' current/planned policies, Arkansas's current rules, authorities, and policies on a topic, and provide information for Oil and Natural Gas 111(d) development, EPA's updates, etc. or CASAC and EPA updates on the upcoming PM NAAQS review.

#### Knowledge, skills, and abilities:

- A student pursuing a degree in environmental science, life sciences, or earth sciences is preferred.
- Understanding of economic principles, public policy development, public health administration or experience with GIS and web design for one of the available project areas.
- Strong oral and written communication skills
- Experience in technical writing



### **Air Quality Permit Engineering Intern**

Location: North Little Rock, AR  
Category: Division of Environmental Quality  
Office of Air Quality

Dates: May 31 – July 29, 2022 (9 weeks)  
Number of hours/week: 40  
Hourly pay: \$13.74 (GS02)  
Posting End Date: April 1, 2022

#### **Summary:**

The student intern will assist the Office of Air Quality staff with research and compiling of data from issued air permits under the 1990 Clean Air Act amendments, other federally enforceable permits, and permits issued under the Arkansas Air Pollution Control Code, including Title V permits. The engineering study will assist the section in developing new requirements for issuing future permits.

#### **Functions:**

Researches past permits for specific information. Creates a spreadsheet of existing data to be used in permit development. Performs other duties as assigned.

#### **Knowledge, skills, and abilities:**

- A student pursuing a degree in chemical, civil, biological, or mechanical engineering is preferred.
- Familiarity with the principles and practices of engineering fields
- Knowledge of Microsoft Office products, including Access, Excel, and Word
- Strong oral and written communication skills
- Ability to attend outdoor site visits as required



### **Assessment and Remediation Intern**

Location: North Little Rock, AR  
Category: Division of Environmental Quality  
Office of Land Resources

Dates: May 31 – August 12, 2022 (11 weeks)  
Number of hours/week: 40  
Hourly pay: \$13.74 (GS02)  
Posting End Date: April 1, 2022

#### Summary:

The student intern will assist the Assessment and Remediation section staff in activities related to potential groundwater contamination, investigation, and remediation according to relevant federal and state rules and regulations.

#### Functions:

Assists in confirming institutional controls are in place across Arkansas remediation sites. Assists in organizing and inputting metadata into DEQ programs for tracking and restrictions. Communicates with department IT staff to update databases based on EnviroView facility information. Accompanies section staff to onsite inspections to evaluate spills and other releases of hazardous substances and evaluate scope-of-work requirements for Brownfield, Voluntary Cleanup Projects, and CERCLA. Assists in researching PFAS related sites and planning a stakeholder informational seminar. Performs other duties as assigned.

#### Knowledge, skills, and abilities:

- A student pursuing a degree in geology, biology, or related science field is preferred.
- Experience with Microsoft Excel or simple database or tracking programs
- Good verbal and written communication skills
- Willingness to practice and improve communications and professional skills
- An interest in environmental work



### **Land Waste Engineering Intern**

Location: North Little Rock, AR  
Category: Division of Environmental Quality  
Office of Land Resources

Dates: May 31 – August 12, 2022 (11 weeks)  
Number of hours/week: 40  
Hourly pay: \$13.74 (GS02)  
Posting End Date: April 1, 2022

**Summary:**

The engineering intern will be responsible for working with Solid Waste, Hazardous Waste, and Corrective Action Engineering staff as well as management to develop and improve the Office of Land Resources' current workflow database system.

**Functions:**

Develops tables, queries, and reports that represent the workflows of the Engineering Operations teams. Makes significant advancement toward the end goal of the database project. Performs other duties as assigned.

**Knowledge, skills, and abilities:**

- A student pursuing a civil, biological or mechanical engineering degree is preferred.
- Proficient in Microsoft Office, Excel, and Access
- Familiar with building and maintaining databases



### **Landfill PCTF Eligibility Assessment Intern**

Location: North Little Rock, AR  
Category: Division of Environmental Quality  
Office of Land Resources

Dates: May 31 – August 12, 2022  
Number of hours/week: 40  
Hourly pay: \$13.74 (GS02)  
Posting End Date: April 1, 2022

#### Summary:

The Landfill PCTF Eligibility Assessment Intern will evaluate the eligibility of “closed” landfills in Arkansas on the Post Closure Trust Fund (PCTF) Categorization and Prioritization list.

#### Functions:

Researches “closed” landfills history. Determines and documents site closure status. Inspects sites for current conditions. Contacts owners to determine financial investment into post-closure corrective actions. Drafts memorandums compiling the findings and determining eligibility. Performs up to 30% fieldwork and is available for overnight travel. Performs other duties as assigned.

#### Knowledge, skills, and abilities:

- A student pursuing a degree in environmental science or a related field is preferred.
- Experience in archival research
- Organized multi-tasker
- Proficient in Microsoft Word, Excel, and Outlook
- Possesses a valid driver’s license
- Strong public communication skills
- Experience in performing fieldwork or site investigations and creating field and photo logs
- Experience with environmental law preferred





### **Landslide Identification Intern**

Location: North Little Rock, AR  
Category: Geological Survey  
GeoHazards Section

Dates: May 31– August 12, 2022 (11 weeks)  
Number of hours/week: 40  
Hourly pay: \$13.74 (GS02)  
Posting End Date: April 1, 2022

#### Summary:

The student intern will assist the Geological Survey with the development and identification of landslides with an established database of unstable slopes and other geomorphic features across Arkansas as part of a Federal Emergency Management Agency grant.

#### Function:

Performs data entry into a geological database. Assists with using 1-meter LIDAR slope model derivative maps, ArcGlobe, aerial imagery, geological maps, and topographic maps to delineate and digitize identified areas. Performs fieldwork and is available for overnight travel. Performs other duties as assigned.

#### Knowledge, skills, and abilities:

- A student seeking a degree in geology is strongly preferred.
- Experience with ArcGIS
- Knowledge of geomorphologic concepts and remote imagery analysis



### **State Energy Program Intern**

Location: North Little Rock, AR  
Category: Division of Energy and Mining Resources  
Office of Energy

Dates: May 31–August 12, 2022 (11 weeks)

**Number of hours/week: 20**

Hourly pay: \$13.74 (GS02)

Posting End Date: April 1, 2022

#### Summary:

The student intern will assist the Office of Energy staff with planning, developing, and implementing programs related to energy efficiency, renewable energy, transportation, and workforce development.

#### Function:

Assists staff with Electric Vehicle Funding Programs. Engages stakeholder groups on issues such as the Arkansas Energy Code. Evaluates public energy infrastructure improvement projects. Develops training and workforce development programming in the efficiency/renewable industries. Performs other duties as assigned.

#### Knowledge, skills, and abilities:

- A student seeking a degree in environmental science, public policy, public administration, or a related field of study is preferred.
- Experience with policy and program development



### **Environmental Justice Intern**

Location: North Little Rock, AR  
Category: Office of Chief Counsel  
Environmental Justice Program

Dates: May 31 – August 5, 2022 (10 weeks)  
Number of hours/week: 40  
Hourly pay: \$13.74 (GS02)  
Posting End Date: April 1, 2022

#### Summary:

The environmental justice student intern will assist the Special Counsel for Environmental Justice, Title VI Coordinator, in creating meaningful involvement of underrepresented communities in the development, implementation, and enforcement of environmental regulations and policies.

#### Functions:

Researches a variety of environmental justice topics. Identifies ways that state and federal regulators have addressed environmental justice issues. Prepares written documents or presentations that present research results on assigned topics. Performs other duties as assigned.

#### Knowledge, skills, and abilities:

- An upper-level undergraduate student with successful completion of courses on environmental science, public policy, government, and social sciences is strongly preferred.
- Experience in written research
- Extremely strong writing skills
- Interest in social justice issues
- Ability to take direction, follow instructions, and actively listen
- General knowledge of the use of Microsoft Office