

## **JOB DESCRIPTION**

**TITLE:** Senior Environmental Engineer P.E.

**REPORTS TO:** Chief Operating Officer

### **QUALIFICATIONS:**

- Bachelor/advanced degree in engineering or related disciplines
- Professional Engineer (P.E.) certification required
- Strong background or experience in solid waste organics and anaerobic digestion
- 10+ years of experience in environmental engineering leading to successful implementation of environmental regulatory compliance programs.
- Possess a strong understanding of environmental laws, precedents, government regulations, executive orders, agency rules, permitting, and regulatory compliance obligations, as they relate to solid wastes, agriculture, and related industries
- Proven experience in managing and leading environmental engineering projects, including project planning, budgeting, scheduling, and working with teams
- Agriculture background advantageous

### **MASTERED SKILL SETS:**

- Effective execution of basic principles of project development, implementation and administration of contracts, project scopes, and budgets
- Ability to work independently and collaboratively in a multidisciplinary team environment
- Proven experience successfully managing people and small groups (references expected)
- Able to effectively manage time and prioritize projects to meet established deadlines personally and for a team
- Excellent communication skills in the English language, both written and verbal, with the ability to effectively communicate complex environmental concepts to clients, team members, and other stakeholders
  - Clear and concise technical reporting skills
  - Proven technical writing (provide examples with resume)
  - Able to work and communicate effectively with all levels of co-workers, clients, agency personnel, and other external contacts
  - Handle both phone and in-person communications with diplomacy
- Professionalism
  - Self-motivated, positive, results-oriented attitude
  - Client service oriented with professional and confident personal presence
  - Maintain confidentiality of client and company information and records
- Technical Skills
  - Strong technical skills in environmental data analysis, engineering calculations, report writing, and regulations

- Proficiency in relevant software and tools, such as environmental modeling software, GIS, CAD, and statistical analysis software
- Develop, manage, and execute technical projects related to solid waste, organics, digestion, renewables and related industries environmental compliance, site assessments, permits and compliance documents, sampling and monitoring programs, recordkeeping and reporting, etc.
- Experience in evaluation of surface and groundwater hydrology, water quality, and various solid wastes and organics
- Proficient in Microsoft Office, advanced Excel, and able to learn company-specific software systems. Some AutoCAD familiarity is beneficial
- Possess and maintain a valid Colorado driver's license with a good-driving history. Some travel required

**SALARY:** \$125,000-150,000

## **SUMMARY**

AGPROfessionals is looking for a Senior Environmental Engineer with 10+ years of experience and a Professional Engineer (P.E.) certification. The Senior Environmental Engineer will be responsible for leading and managing environmental engineering projects that have a strong environmental compliance component, provide technical expertise, and oversee the work of junior engineers and other team members on projects. The Senior Environmental Engineer reports directly to the Chief Operating Officer. In addition to serving as technical lead on the more complex projects, he/she will work with Chief Operating Officer and other managers, superiors, and subordinates to develop and execute project scopes and budgets. The Senior Environmental Engineer will work closely with clients, regulatory agencies, and other stakeholders to identify and address environmental issues, develop strategies for environmental compliance and sustainability, and provide solutions for environmental challenges in various industries.

## **RESPONSIBILITIES**

The Senior Environmental Engineer is responsible for performing a variety of technical, managerial, and administrative duties, including, but not limited to:

### **Environmental Projects:**

- Develop, produce, and deliver technical projects including site assessments, environmental impact assessments, remediation projects, air and water quality monitoring, and regulatory compliance assessments
- Keep current with the latest developments and trends in environmental regulations, technologies, and best practices, and apply them to projects and initiatives as appropriate
- Prepare and review work products for professionalism, quality, and consistency with company and customer expectations; ensure that all work is conducted in compliance with company policies and procedures
- Review, participate, and develop comments/testify with varied agencies' regulatory stakeholder rulemaking processes

- Participate in business development activities by attending management, project, and client meetings, developing proposals, and identifying new opportunities for environmental engineering projects
- Balance and transfer the client's perspective into responses and deliverables
- Supervise and mentor junior engineers and other team members, providing guidance and technical support to ensure high-quality deliverables
- Provide technical expertise in environmental engineering, including evaluating and analyzing environmental data, developing engineering solutions, and preparing technical reports and presentations
- Develop and implement strategies for environmental compliance and sustainability, including pollution prevention, waste management, and energy conservation
- Facility Compliance Activities:
  - Analyze facilities regarding compliance with environmental regulations
  - Represent clients during inspections and other regulatory agency interactions
  - Prepare documents for compliance reporting
- Typical projects:
  - Conduct field work including environmental sampling, monitoring, and inspections; coordinating field activities as needed
  - Apply field-based knowledge to developing projects
  - Interpret and analyze data to make recommendations for corrective actions
  - Develop site-specific programs for solid and liquid waste management
  - Design and execute water/wastewater sampling programs and review analytical laboratory reports for accuracy and reliability
  - Design and execute drilling programs and prepare boring logs, well diagrams, and lithologic interpretations for technical reports
  - Analyze/interpret sample and test results to make facility compliance recommendations
- Prepare comprehensive technical reports for compliance reporting and litigation support
- Gain and maintain technical certifications appropriate to your field
- Represent AGPROfessionals and clients at professional conferences, stakeholder meetings, and educational forums
- Coordinate with clients, regulatory agencies, and other stakeholders to ensure compliance with federal, state, and local environmental regulation and guidelines

### **With Clients**

- Identify and understand client's goals and needs and develop compliance strategies to meet client requirements
- Develop and refine scopes of services and draft engagement documents with clients
- Review deliverables for consistency with client goals and deliver completed projects
- Actively seek to expand services to existing clients and broaden the outreach to new clients
- Ability to travel to project sites and client locations as needed

### **With Other AGPRO Teams**

#### **(Planning, Civil and Structural Engineering, Surveying, Agronomy, etc.)**

- Attend project planning meetings as necessary
- Act as subject matter expert in an environmental regulatory capacity for work across teams
- Actively serve on multi-disciplinary teams to achieve successful projects
- Provide compliance information to aid in meeting scope, quality, time, and costs
- Review deliverables for professionalism and client expectations

### **With Subcontractors**

- Identify the need for outside services and screen appropriate subcontractors
- Develop scopes and budgets for subcontractor activities
- Technical and administrative oversight of activities and work products from AGPRO contractors for surveying, geotechnical testing, analytical chemistry laboratories or other specialized technical sub-contractors

### **Administrative Tasks**

- Maintain coordinated calendars, timecards, expense reports, mileage logs, and task lists within company databases
- Adhere to AGPRO policies as delineated in the Employee Handbook
- Other duties as assigned

### **PHYSICAL DEMANDS**

Must be able to lift up to forty (40) pounds and be able to walk varied terrain in a sustained manner for up to twelve (12) hours in seasonal weather conditions.

### **COMPANY**

AGPROfessionals is a full-service agricultural development company that provides real estate, engineering, surveying, environmental, and land use consulting for the agriculture industry across the United States. AGPROfessionals is growing within a fast-paced and demanding environment with changing needs and priorities.

We offer competitive wages and an excellent benefit package in a casual yet professional environment. If you are interested in joining our team, please visit our website at [www.agpros.com](http://www.agpros.com) to submit your cover letter and resume.