UMass –Technical Assistance Providers for Public Water Systems & Cybersecurity

The Massachusetts Department of Environmental Protection Drinking Water Program (MassDEP/DWP) partners with UMass Amherst to provide training and on-site assistance to help with technical, financial, managerial and operational aspects of small public water systems (PWS) in Massachusetts. The assistance is designed to help PWS provide safe drinking water while helping the systems remain in compliance with the Safe Drinking Water Act.

MassDEP/DWP and UMass Amherst are looking to hire Technical Assistance Providers (TAPs) to help us ensure the security and cyber hygiene of PWS. As part of our team, you will review cybersecurity assessment reports, guide and prompt PWS in addressing gaps, provide and help identify technical support, and contribute to overall cybersecurity resilience.

Job Description:
- **Cyber assessment review**: Assist MassDEP/DWP and surveyors to review PWS emergency response plans (ERP) and cybersecurity evaluation reports.
- **Reporting and Documentation**: Develop/generate the Sanitary Survey Inspection Report/ Cyber Security Corrective Action Plan (CSCAP).
- **Develop/Implement Remediation Strategies:** Work with PWS and MassDEP/DWP to develop and implement cyber mitigation strategies and discuss remediation actions promptly.
- **Communication:** Maintain communication and follow-up with PWS to ensure they are addressing identified cyber gaps and maintaining their cybersecurity hygiene.
- **Training Development:** Provide training/guidance to both PWS, MassDEP/DWP, etc.
- **Informational Material Creation:** Assist in the development of informative materials such as flyers and posters on cybersecurity awareness and best practices.
- **Identify Funding Sources:** Research and identify potential funding opportunities to support PWS in enhancing its cybersecurity posture.
- **Query Resolution:** Respond to phone and email inquiries about cybersecurity and emergency response.
- **Stakeholder Collaboration:** Actively participate in meetings and collaborate with various stakeholders to promote cybersecurity awareness and coordination.

Qualification:
Several positions available. Candidates of all experience and skill levels are encouraged to apply. The selected candidates will provide assistance in-person or virtually. Applicants must have an understanding of water utility operations. Familiarity with cybersecurity principles, concepts, and best practices skills preferred but training will be provided. Background in IT is not required. Ability to travel is required.

Schedule: 10-40 hours per week
Compensation: $18-45/hr depending on experience. This is an hourly, non-benefitted position.
Please send a resume and a brief statement of interest to Patrick Wittbold pwittbold@umass.edu