

# ENVIRONMENTAL SCIENTIST

**The Purpose.** This position prepares environmental site and environmental impact assessments of properties within the city of Milwaukee in support of economic development and in consideration of public health hazard and risk analysis. Provides technical guidance on a broad range of environmental and public health issues to various departments and represents the City (Health and Department of City Development) as a member of assigned workgroups, task forces or committees at local, state and regional levels.

**Essential Functions:** Specifically, the individual in the Environmental Scientist position will:

- Coordinate environmental site assessments and land use studies.
  - Prepare or contract for Phase 1 environmental audits and historic land use research.
  - Evaluate consultant proposals for Phase 2 investigations and evaluate results including analyzing remediation options and cost estimates.
  - Provide investigation, consultation and expert testimony for other City agencies and recommend strategies to minimize/limit adverse impact on public health during investigative and remedial activities.
  - Identify and report need for emergency clean-up and response action on properties posing imminent threat to public health.
  - Assist in the development of appropriate risk communication content for Health Department with regard to properties found to present risk to the community through direct or indirect routes of exposure.
- Manage tax foreclosure deferral process for environmentally impacted property.
  - Perform historic land use research on selected tax delinquent property, coordinate field evaluations with emphasis on public health impact and make foreclosure recommendations.
  - Update and maintain a database of property on which the city will not foreclose due to adverse conditions with delineation of public health hazard and risk assessment.
- Prepare grant applications including those for brownfields and implement and manage related investigation and clean-up activities.
- Perform contract administration and cost/data management activities.
  - Solicit proposals for professional engineering and other services related to site assessment and remediation work.
  - Make recommendations for hiring consultants and perform field inspections as may be required to effectively administer professional service contracts.
  - Update and maintain a database of environmental project status tracking, cost and benefits.
- Provide oversight and direction in the preparation of environmental impact assessments and planning reviews when required for state and federally funded program activities.
- Participate in assigned local, state and regional workgroups, committees and task forces.

## Minimum Requirements:

1. Bachelor's Degree in hydrogeology, chemistry, engineering or environmental sciences from an accredited institution.
2. At least five years of experience in brownfields and/or commercial real estate redevelopment including environmental audits or assessments.
3. Demonstrated project management/leadership experience.
4. Certification as a Hazardous Materials Manager (CHMM) by the Institute of Hazardous Materials Management within one year of appointment.
5. Valid State of Wisconsin Driver's license and use of properly insured personal vehicle on the job at the time of and throughout employment.
6. Residency within six months of appointment and throughout employment.

## Knowledge, Skills and Abilities:

- Working knowledge of federal, state, and local environmental and public health laws and strong understanding of industry best practice pollution control and remediation technology.
- Demonstrated ability to interpret and evaluate technical reports, assess risk and make sound recommendations.
- Excellent communication and presentation skills.
- Ability to effectively mediate, negotiate, and facilitate the work of multidisciplinary teams.

## Preferred Requirements:

- Master's Degree in any of the aforementioned disciplines is highly desirable.
- Professional engineer certification or advanced training in relevant fields is desirable.

**THE 2006 SALARY RANGE (010) IS:** \$61,007 - \$85,411 annually.

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