

McHenry County, Illinois
Water Resources Engineer

Employment Duration: Full time
Pay Range: \$54,657/year + depending on qualifications
Shift: First Shift
Department: Planning and Development
Location: McHenry County Government Center
Job Code:
Number of openings: 1

POSITION DESCRIPTION

Under general supervision, the Water Resources Engineer assists property owners and contractors obtain stormwater management permits; reviews engineering plans and other permit submittals; and conducts field inspections for compliance with County, State and Federal regulations and laws. The Water Resources Engineer reports to the Water Resources Manager/Stormwater Chief Engineer.

ESSENTIAL FUNCTION:

- Assists property owners, contractors, and the public with questions regarding drainage and stormwater management, including providing assistance with filing stormwater management permit applications.
- Reviews engineering plans and permit submittals for compliance with County, State and Federal regulations regarding stormwater management, floodplain management, and wetland protection.
- Conducts inspections and monitors construction projects for compliance with approved plans and applicable regulations.
- Participates in preparation of the County's MS4 NPDES annual permit application and report.
- Assists with the County's participation in the National Flood Insurance Program and Community Rating System program.
- Assist with the review and update of the Stormwater Management Ordinance, policies, procedures, and forms to ensure better management of water resources and improve customer service.
- Maintains and upgrades professional knowledge, skills and development by attending seminars and training programs and reading trade and professional journals and publications.
- Performs other related duties as assigned.

QUALIFICATIONS:

- Bachelor's degree from an accredited four-year college or university in Civil or Environmental Engineering or related field.
- One year of related experience

LICENSES AND CERTIFICATIONS:

- Professional Engineer License or an Engineer in Training (E.I.T) or the ability to obtain within one year of employment.
- Certified Flood Manager (CFM) preferred, but not required.
- Certified Professional in Erosion and Sediment Control (CPESC) or similar certification preferred, but not required.
- Unrestricted Class D Illinois Driver's License.

KNOWLEDGE, SKILLS AND ABILITIES:**Knowledge of:**

- Stormwater management principles and stormwater engineering design.
- Floodplain and wetland regulations
- Plan review (i.e. quantity take-offs, reading blueprints, etc).
- Hydrologic and hydraulic calculations.
- Geographic Information System mapping.

Skill in:

- Preparing clear written review letters and reports; utilizing word processing and spreadsheet software.
- Communicating clearly and effectively orally in individual and group settings.
- Interpreting ordinances and regulations.

Mental and Physical Abilities:

- Ability to read, analyze and interpret technical procedures and regulations.
- Ability to perform multiple tasks and manage time effectively.
- Ability to communicate complex engineering terminology to the general public.
- Ability to define problems, collect data, establish facts and draw valid conclusions.
- Ability to interpret technical instructions.
- While performing the essential functions of this job, the employee is frequently required to sit, stand, handle, reach with hands and arms, lift and/or move up to 40 pounds and talk or hear.

WORKING CONDITIONS:

- Work is performed in an office environment with quiet working conditions.
- Field work is performed in heavy construction environment with moderately loud operating equipment being used during inspections, surveys, etc.

APPLICATIONS:

To apply please visit our website at www.co.mchenry.il.us and click Employment.

No applicant for employment shall be discriminated against because of age, race, color, religion, sex, marital status, national origin or disability. Please submit your application online.