**JOB SUMMARY:**

Under general supervision, the Water Resource Engineer I participates in the county’s water resources programs with an emphasis on using his/her engineering expertise to efficiently and accurately process applications, enforce ordinances, maintain records, and provide courteous customer service. The Water Resource Engineer I may assist the Water Resources Manager with development and implementation of county water resources related programs, policies, and regulations.

**ESSENTIAL JOB FUNCTIONS:** (All responsibilities may not be performed by all incumbents.)

* Demonstrate compliance with McHenry County’s organization values (Respect, Accountability, and Integrity).
* Processes and reviews simple to moderately complex permit and subdivision applications for compliance with county, state, and federal regulations.
* Maintains accurate permit records and provides courteous customer service.
* Provides technical assistance and expertise regarding subdivision or stormwater management to assist the general public in person or by telephone in order to respond to inquiries, receive complaints, and resolve problems.
* Inspects and documents soil erosion, sediment control, grading and stabilization of construction sites. Ensures that projects are completed in accordance with approved plans and applicable county, state, and federal regulations.
* Coordinates with other governmental agencies to receive the requisite approval to issue County permits.
* Assists with the enforcement of the Stormwater Management Ordinance by documenting and verifying ordinance violations.
* Assists with special projects, including, but not limited to: the NFIP and Community Rating System.
* Attends the Technical Advisory Committee, Stormwater Management Commission, and Water Resource Division Meetings.

**KNOWLEDGE, SKILLS, AND ABILITIES:**

**Knowledge of:**

* Principles, practices and theories of Civil Engineering, with emphasis in Stormwater Management.
* Principles and practices of hydrologic and hydraulic engineering and computer modeling.
* Applicable state, federal and local laws, including, but not limited to: FEMA, IDNR/OWR and US Army Corps of Engineers’ rules, regulations, and procedures.
* Subdivision development and gravel pit reclamation and ability to provide staff with expertise in these matters.
* Working knowledge of surveying and constructing staking.
* Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar.
* Computer applications related to the work.

**MINIMUM QUALIFICATIONS REQUIRED:**

**Education and Experience:**

* Bachelor’s degree from a four-year college or university in Civil Engineering or a related field; and
* One to two years of progressively responsible related experience; or
* Any combination of education, training and experience which provides the required knowledge, skills and abilities required for the job.

**Licenses and Certifications:**

* Engineer In Training (EIT) or the ability to obtain within 6 months of employment, Illinois (PE) License preferred.
* Certified Floodplain Manager or ability to obtain within 1 year of employment.
* Certified Professional In Erosion and Sediment Control or similar credentials preferred.
* Certified Wetland Specialist or similar credentials preferred.
* Unrestricted Automobile Driver’s License.

**APPLICATIONS:**

To apply, please visit our website at [www.mchenrycountyil.gov](http://www.mchenrycountyil.gov) and click Employment. Priority consideration will be given to applications received by October 25, 2019.