

CITY OF HAMILTON

February 2023

PLANNING & ECONOMIC DEVELOPMENT DEPARTMENT
(GROWTH MANAGEMENT DIVISION – GROWTH MANAGEMENT – LOCATION – CITY HALL)

SENIOR ENGINEER – INFRASTRUCTURE PLANNING (STORMWATER)

SUMMARY OF DUTIES

Reporting to the Manager of Infrastructure Planning, the Senior Project Manager provides leadership and expertise in a multi-disciplinary team environment with a focus on stormwater management planning and policy development, including Green Infrastructure and Low Impact Development standards, stormwater capital projects, and stormwater management studies and strategies that facilitate the City's growth and redevelopment.

Undertakes and/or evaluates subwatershed and stormwater management studies in conjunction with, master plans, secondary plans and block servicing studies as they relate to the future growth and intensification of the City.

Co-ordinates and represents the Division as a subject matter expert at Committee and Council meetings, Ontario Land Tribunal hearings, and in cross-departmental activities related to stormwater infrastructure and policy, including the combined sewer systems.

Participates in the preparation of the Development Charge Background Study and Development Charge policy related to stormwater management.

Investigates and recommends innovative/creative procedures and policies for improving the section's technical performance and interaction with divisional and cross-departmental groups.

Leads by example and functions as a mentor to subordinate staff.

GENERAL DUTIES (INCLUDING, BUT NOT LIMITED TO)

Undertakes and/or evaluates subwatershed and stormwater management studies in conjunction with, master plans, secondary plans and block servicing studies as they relate to the future growth and intensification of the City.

Ensures stormwater management plans and strategies are in conformance with the Official Plan, master plans, drainage studies, City policies and guidelines, construction requirements, and provides guidance on any issues related to same.

Participates in multi-disciplinary inter-divisional and cross-departmental teams comprised of staff and outside agencies addressing development, redevelopment, environmental protection, and Climate Change initiatives.

Authors and presents staff reports to Planning Committee and Council related to stormwater policy and legislation, and other relevant growth-related studies and initiatives.

Interacts with developers and their agents on SWM proposals including acceptable design criteria, best practices, functional design, and construction.

Conducts field investigations to identify and assess present, future, and post construction conditions to accommodate growth.

Provides support in establishing the necessary policy, capital projects, and cost estimates for inclusion in the Development Charge Background study.

Liaises with external agencies such as Ministry of Natural Resources, Ministry of the Environment, Culture, and Parks, neighbouring municipalities, Conservation Authorities, and stakeholder groups.

Provides divisional support in the coordination and participation in Conservation Authority activities, including updates to corporate MOUs.

Participate on various corporate teams and committees, as required.

Receives and respond to inquiries of a technical nature from Council, the public, staff, other departments, and government agencies.

Develops/updates policies and procedures related to major responsibilities.

Prepares correspondence related to major responsibilities.

Directs, supervises and trains subordinate staff (e.g. Engineers, Project Managers and support staff).

Make recommendations related to departmental operating and capital budgets.

Performs such other duties as assigned which are directly related to the responsibilities of the position.

QUALIFICATIONS

1. University degree in Civil Engineering or equivalent and registered as a Professional Engineer in the Province of Ontario, and demonstrated, progressive relevant work experience related to the duties described.
2. Extensive knowledge of design principles as they relate to municipal storm water management in the context of urban and rural land development, including extensive experience with stormwater modelling.
3. Knowledge and relevant experience related to development engineering.
4. A demonstrated understanding of Master Planning principles and the Environmental Assessment process gained through practical experience.
5. Thorough knowledge and understanding of statutes, regulations and by-laws affecting the department and working knowledge of Section 221 of the Municipal Act and the Development Charges Act.
6. Working knowledge of relevant computer software applications (Microsoft Office software: Word, Excel and PowerPoint) including various hydrologic and hydraulic models.
7. Strong communication and effective leadership, facilitation, interpersonal and organizational skills.
8. Demonstrated ability to effectively manage a multi-disciplinary staff in a results-oriented environment and in a unionized environment.
9. Ability to deal effectively with elected officials, representatives of other levels of government, management, peers, staff and the general public.
10. A demonstrated record of technical competence, team advocacy, customer focus, staff delegation and empowerment.

SALARY:

Salary Grade 7

HOURS:

35 per week

THE INCUMBENT SHALL COMPLY WITH ALL HEALTH AND SAFETY POLICIES AND PRACTICES FOR THIS POSITION AND THE WORKPLACE.
