

Title: Environmental Specialist
PG: 47
Status: Civil Service
Position Reports to: Manager of Lakes & Stormwater
Department: Various

Class Code: 3053
Date: 09/08

GENERAL DESCRIPTION OF CLASS:

This is technical and supervisory work in development, administration, and coordination of environmental programs and services. Work involves the design and implementation of programs based upon regulatory compliance within the Lakes & Stormwater Division for the City of Lakeland. This position may be required to supervise workers or contractors involved in restoration, stormwater treatment, construction or maintenance projects. Work may include administration of aquatic plant management programs, sampling and laboratory analysis, restoration and revegetation of lakes and other disturbed ecosystems, the design/implementation/maintenance of stormwater treatment facilities, development and presentation of public education programs, and the administration of the City of Lakeland's Stormwater Utility. Work also includes coordination with state and federal regulatory agencies; review of proposals for environmental impacts; data entry and analysis, and the preparation of reports and other correspondence. This position will respond to telephone inquiries, concerns and complaints from outside the division. Regularly scheduled inspections for code violations will be conducted and citations issued with case preparation as needed.

ESSENTIAL FUNCTIONS:

1. Assist in the planning and implementation of lake restoration and stormwater management projects.
2. Collect and analyze samples and data related to lakes and stormwater management.
3. Operate a variety of watercraft.
4. Coordinate program activities with other divisions and departments.
5. Obtain and administer state and federal environmental permits for City projects.
6. Prepare reports, letters, memorandums, presentations, technical papers, and news related articles.
7. Enforce City codes and regulations.
8. Present educational programs to the public.
9. Maintain water quality database and respond to requests for data.

ADDITIONAL RESPONSIBILITIES:

1. Performs related work as required.

KNOWLEDGE, SKILLS & ABILITIES:

1. Extensive knowledge of sampling and laboratory techniques, terminology, equipment, and materials associated with the analysis of water and wastewater.
2. General knowledge of the principles of plant and animal taxonomy and the use of dichotomous keys.
3. Knowledge of data management and statistical procedures, GIS systems and word processing.
4. Ability to perform arduous tasks including the harvesting and planting of aquatic vegetation.
5. Ability to operate watercraft and be able to work comfortably in an aquatic environment.
6. Ability to apply safety regulations, occupational hazards policy, precautions and to promote safety.
7. Thorough knowledge of basic water chemistry and ecological principles.
8. Ability to make detailed oral and written reports.
9. Knowledge of state and federal regulatory programs.

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10. Ability to effectively work with the public sector, contractors, and governmental agencies.
11. Ability to successfully plan and implement water resource projects.
12. Ability to make technical and non-technical presentations to a variety of audiences.
13. Knowledge of stormwater BMP's and their application.

WORKING ENVIRONMENT/CONDITIONS:

Requires sedentary work that involves walking or standing some of the time, exerting up to 50 pounds of force on a recurring basis, and routine keyboard operations. Requires routine work in the outdoor environment in all weather conditions. The job risks exposure to wastewater and other pollutants found in surface water and storm water systems. The job requires normal visual acuity, field of vision, hearing, speaking, color perception, sense of smell, depth perception, and texture perception.

QUALIFICATIONS (EDUCATION, TRAINING, AND EXPERIENCE):

1. Graduation from a four (4) year accredited college or university with course work in environmental natural sciences.
2. An equivalent combination of education and experience that is determined to be directly related to the foregoing specific requirements may be substituted.

SPECIAL REQUIREMENTS:

1. Must possess and maintain a state of Florida driver's license.
2. Must maintain a valid home telephone number.
3. May be required to work overtime, or alternate hours, as necessary for the efficient operation of the department. Position may be designated as Mission Critical by Department Director.