

**Title:** Environmental Technician II  
**PG:** 40  
**Status:** Civil Service  
**Position Reports to:** Supervisor of Lakes  
**Department:** Public Works

**Class Code:** 3114  
**Date:** 09/08

**GENERAL DESCRIPTION OF CLASS:**

This is skilled work in field operations associated with lakes management. Work includes the operation of heavy and complex types of equipment and instruments used for aquatic plant management and water quality sampling. Work also includes the mixing and application of aquatic herbicides. An employee in this position also performs manual tasks associated with lakes management programs.

**ESSENTIAL FUNCTIONS:**

1. Launch, trailer and operate an aquatic plant harvester, according to state and federal permit specifications.
2. Set up and oversee shore conveyor, packer and dump trucks during harvesting operations.
3. Operates equipment including but not limited to; slope mowers, dump trucks and an airboat.
4. Mix and apply all types of aquatic herbicides and pesticides, in compliance with regulatory requirements.
5. Construct, install and maintain pollution control structures, contain and remove oil spilled into waterways; remove dead fish, trash, etc. from lakes and waterways.
6. Oversee the harvesting and installation of plants in aquatic environments.
7. Perform the calibration, field testing, maintenance and servicing of equipment.

**ADDITIONAL RESPONSIBILITIES:**

1. Performs related duties as required.

**KNOWLEDGE, SKILLS & ABILITIES:**

1. Knowledge of practices applied in the care and safe operation of a wide variety of specialized equipment and instruments.
2. Knowledge of safety equipment and procedures used to mix and apply aquatic herbicides and pesticides.
3. General knowledge of the identification and systematics of aquatic plants.
4. Ability to perform manual tasks under variable weather conditions.
5. Ability to read and follow pesticide label instructions, permits specifications, to understand and follow oral instructions.
6. Ability to operate water craft and to work comfortably in an aquatic environment.

**WORKING ENVIRONMENT/CONDITIONS:**

Requires physically demanding work that involves walking, standing, stooping, much of it on uneven or broken ground. Handling of equipment and materials and exerting up to 40 pounds of force on a frequent basis.

The job risk exposure to significant environmental hazards include dangerous chemicals, gasses and wildlife. Exposure to industrial environment and heavy equipment is frequent. Routine outdoor exposure includes but is not limited to dust, pollen, sunlight, heat, humidity, rain, cold, plant resins, biting and stinging insects, etc.

The job requires normal visual acuity, and field of vision, hearing, speaking, color perception, sense of smell, depth perception, and texture perception.

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**QUALIFICATIONS (EDUCATION, TRAINING AND EXPERIENCE):**

1. High School diploma or its equivalent.
2. One (1) year of experience in lake vegetative maintenance or wetland management.
  
3. Must obtain and maintain a Florida Commercial Applicator's Restricted Pesticide License - core and aquatic categories within one (1) year of appointment.
4. 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 valid state of Florida class 'B' commercial driver's license.
2. Must be physically capable of performing strenuous physical work for extended periods of time.
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.