



## CLASS SPECIFICATION

Class Code: 60019506  
Date Established: 07/2024  
Last Reviewed:  
Last Revised:  
Last Title Change:  
FLSA: non-exempt  
Probation: 12 months

### NATURAL RESOURCE FIELD TECHNICIAN

#### **DEFINITION**

Under general supervision, performs trail maintenance, repair, and/or construction, general labor, and supports the implementation of the Washoe County Regional Parks & Open Space Integrated Vegetation Management (IVM) Plan; and performs related work as required.

#### **EXPERIENCE AND TRAINING REQUIREMENTS**

One year of full time experience in the natural resources field performing duties such as weed management, plant identification, data collection, site restoration, landscaping, trail maintenance, trail construction, condition assessment, or related work AND an associate's degree from an accredited college or university in natural resources, parks/recreation, environmental science, forestry, landscape architecture, geology, biology, or a closely related field; OR an equivalent combination of education and experience.

#### **LICENSE OR CERTIFICATE**

A valid driver's license is required at the time of appointment and must be maintained for continued employment in this classification.

Certification as a pesticide applicator must be obtained from the Department of Agriculture within six months of appointment and must be maintained for continued employment in this classification.

CPR/First Aid certification must be obtained within six months of appointment and must be maintained for continued employment in this classification.

#### **SUPERVISION EXERCISED**

Exercises no supervision.

#### **EXAMPLES OF DUTIES** *(The following is used as a partial description and is not restrictive as to duties required.)*

Maintain existing trails including drainage features, brushing vegetation, rock removal, tread improvements, rerouting and /or closure of existing trails.

Build and construct new trails and/or trail structures such as bridges, boardwalks, retaining walls, culverts, armored crossings, etc.; install and replace signs and markers.

Manage noxious and invasive weeds in open space areas using mechanical, chemical, and cultural control methods as identified in the Integrated Vegetation Management (IVM) Plan.

Assist with implementing and maintaining vegetation restoration projects including site preparation, weed treatment, seeding, planting of container stock, and installing temporary irrigation consistent with recommendations in the Integrated Vegetation Management (IVM) Plan.

Assist with maintenance of the Rancho San Rafael Regional Park Pollinator Garden through weed removal, pruning, seeding, planting of container stock, mulching, and repairing drip irrigation; organize, train, and oversee volunteers to help maintain the pollinator garden.

Identify noxious and invasive weeds and collect data on weed distribution in park and open space sites within Washoe County. Conduct site monitoring and collect data on results of weed treatments and vegetation restoration projects.

Collect trail inventory and condition assessment data to inform trail maintenance planning, grant application submissions and budgeting for trails projects.

Organize volunteer stewardship workdays and/or utilize contract work crews to assist with weed removal, vegetation restoration, and trail maintenance projects; provide training and oversight for volunteers and work crews as needed to complete projects.

Create natural resource project maps using ArcGIS software to support contract and plan development.

Assist with on-site inspections of contracted work for weed treatments, restoration projects, and trail construction to ensure conformance with specifications and contract terms.

Organize, maintain, and repair tools and equipment to support trail and IVM program activities; use hand tools, small power tools, wheelbarrows, and natural/fabricated construction materials to complete trails projects.

## **JOB RELATED AND ESSENTIAL QUALIFICATIONS**

**Full Performance Level** *(These may be acquired on the job and are needed to perform the work assigned.)*

### **Knowledge of:**

Department/division policies, practices, and procedures to include Regional Parks and Open Space departmental programs, standards and regulations, property boundaries, operations, and administrative procedures.

Best management practices for vegetation management provided in the Washoe County Regional Parks & Open Space Integrated Vegetation Management (IVM) Plan.

Best management practices, techniques, and design elements for safe and sustainable trail building.

Methods, materials, and equipment used in noxious weed treatment, vegetation restoration, landscaping, and trail maintenance.

State laws and regulations for pesticide use.

Drip irrigation system operation and maintenance.

Maintenance procedures for the Rancho San Rafael Regional Park Pollinator Garden.

Software specific to the area of assignment including Microsoft Office 365, ArcGIS, and ArcGIS Collector.

### **Ability to:**

Calibrate and operate equipment commonly used in pesticide application.

Safely and correctly apply mechanical, chemical, and cultural control methods.

Correctly interpret pesticide labels and calculate proper chemical rates to achieve desired pest control goals.

**Entry Level** *(Applicants will be screened for possession of these through written, oral, performance, or other evaluation methods.)*

### **Knowledge of:**

Methods, materials, and equipment used in at least one of the following: noxious weed treatment, vegetation restoration, landscaping, or trail maintenance.

Proper use of standard hand tools, equipment, and materials used in trail maintenance including but not limited to shovels, rakes, wheelbarrows, small power tools, and natural/fabricated construction materials.

Inventory control methods.

Data collection and record keeping.

Safety principles and practices related to the use of assigned tools and equipment.

**Ability to:**

Read and interpret plans.

Research, compile, tabulate, analyze and interpret data and information.

Prioritize and organize work to meet schedules and timelines.

Organize, train, and oversee volunteers.

Operate a computer and standard computer software.

Communicate effectively and courteously with the public.

Maintain and foster effective and collaborative working relationships with contractors, County staff, agency and non-profit partners, volunteers, and the public.

**SPECIAL REQUIREMENTS** *(Essential duties require the following physical skills and work environment.)*

Ability to perform physical work and manual labor in an outdoor setting for an extended period. Ability to tolerate exposure to dust. Ability to perform work when challenging environmental conditions are present such as inclement weather, hot or cold temperatures, snow, mud, and smoke from regional wildfires. Ability to walk on uneven terrain, perform heavy physical activity, carry tools and equipment to job sites and work around machinery. Ability to lift and carry objects weighing 50 lbs. Ability to use office equipment including computers, copiers, telephones, and printers.

*This class specification is used for classification, recruitment, and examination purposes. It is not to be considered a substitute for work performance standards.*