

Habitat Conservation Tech

Job Code 50029853

General Description

Compile data pertaining to size, content, condition, and other characteristics of protected habitat at Spring Lake, under the direction of Grounds Director. Research, design, plan, and perform duties in the prevention, control, and remediation of invasive species using various disciplines and industry accepted best management practices. Manage, improve, and protect natural resources to maximize their use without damaging the environment. May conduct soil surveys and develop plans to eliminate soil erosion to protect habitat around Spring Lake.

Examples of Duties

Monitor and manage the health of the prairie at Spring lake.

Determine existing and future arboricultural needs by planning, scheduling, and monitoring the health of the tree canopy around Spring Lake.

Recognize various tree issues including risk and health assessment, construction protection, pruning, removal, maintenance and replacement, assign and complete tree work requested by others, maintain Certified Arborist status.

Monitor invasive plant species around Spring Lake, determine best management practices and perform duties to control them.

Monitor and control vegetative growth on and below the dam at Spring Lake.

Monitor and control litter at park below the dam, at spring lake and around lakes edge.

Monitor and control erosion and storm water damage at spring lake.

Provide maintenance practices for Spring Lake, including ornamentals, turf and trees.

Knowledge, Skills, and Abilities

Knowledge of: interpret and perform duties within University's policies and procedures, industry standards and government regulations; understand pertinent scientific terminology and disciplines; understanding of life cycles of prairie grasses, riparian plants, wildflowers, and invasive species; industry standards and scientific principles.

Skill in: effective communication and collaboration; effectively delegate work and efficient maximize volunteer resources.

Ability to: prepare concise and professional documents; perform basic math.

Experience and Education

Possess any combination of experience and education that would likely produce the required knowledge, skills, and abilities.

Other Requirements