

# Kane County

## Job Description



Job Title:	Seasonal Weed Sprayer	Job Code:	185
Division:	Road Maintenance/Weed	Effective Date:	03/01/20
Department:	Commission	Last Revised:	03/01/20

### GENERAL PURPOSE

Performs skilled tasks related to the discovery, documentation, and eradication of noxious and invasive plants as required by the Utah noxious weed act.

### SUPERVISION RECEIVED

Works under the general supervision of the Road Maintenance Director/Weed Supervisor

### SUPERVISION EXERCISED

None.

### ESSENTIAL FUNCTIONS

Assists to survey Kane County in search of noxious weeds; identifies, plots and maps weed problem sites; assists to communicate with the public and property owners regarding laws, ordinances and regulations .

Operates spraying equipment on public and private land such as road sites, canal banks, and private fields; operates spraying equipment on foot, from vehicles such as trucks, ATV's, etc., and sprays areas with herbicides or insecticides assuring control of noxious weeds and mosquitoes without harm or destruction to adjacent vegetation or animals.

Calculates chemical application concentrations and rates per acre; mixes various herbicides in the spraying units to the correct proportions for the job; assess wind direction and speed, possibility of chemicals leaching and other conditions which may result in improper and hazardous applications of herbicide.

Operates and maintains a variety of equipment chemical sprayers; cleans and calibrates spraying equipment; designs and fabricates equipment and tools to meet specialized needs; performs preventive maintenance and repair of all assigned vehicles and equipment.

Assists in recording services rendered to property owners noting extent of spraying operation and fees to be charged; prepares and submits daily reports to supervisor.

Conducts weed treatment and experimental eradication; collects specimens for identification and keeps records on weed specimens, enters field information into GPS mapping system; identifies exotic noxious weeds; operates personal computer as needed to log and record data and generate reports and records.

Performs site by site determination of the most effective environmentally sound weed and mosquito control procedure .

Performs related duties as required.

### MINIMUM QUALIFICATIONS

#### 1. Education and Experience:

High School Graduate or Equivalent;

OR

Sufficient education and training to demonstrate an aptitude or ability to perform above and related duties

2. Required Knowledge, Skills, and Abilities:

Working knowledge of county geography; knowledge of plant life cycles; maintenance and repair procedures on motor vehicles; and tools and equipment; the safe and proper method of handling toxic chemicals; some knowledge of EPA guidelines and regulations; safe and correct operation of all wheel drive vehicles.

Some skill in the operation of motorized vehicles and equipment in all environment conditions..

Ability to follow simple oral and written instructions; understand the risks and liabilities of herbicide and pesticide application; read and interpret topographic maps; perform basic mathematical computations in determining percentages for chemical concentrations; wear and maintain personal protective equipment; work outdoors in difficult terrain and weather conditions; repair or fabricate appropriate tools using equipment; communicate effectively verbally and in writing; hard physical work in a potentially hazardous environment; maintain internal combustion engines (gas), carburetors, electrical, spray systems, performs emergency field repairs and service; keep records of all spray activities according to current laws and regulations.

3. Special Qualifications:

Must be 18 years of age or older.

Must possess and maintain a valid Utah State Driver's License.

Must possess a noncommercial applicators license (categories: agricultural, Right-of-way).

4. Work Environment:

Tasks require variety of physical activities, including working in remote and inaccessible locations in Kane County and requires the physical ability to perform all duties in extreme weather conditions (summer and winter) such as muddy condition with high humidity, high pollen exposure. Hard physical labor including shoveling drains in swamps, carrying extremely heavy loads through mud, willow and tamarisk, removing fallen trees and beaver dams in the county's hardest to access areas. Generally involving muscular strain, such as walking on uneven terrain, standing, stooping, sitting, reaching, and lifting, and performing tasks on foot, from vehicles, Aspects of work require talking, hearing and seeing. Common eye, hand, finger, leg and foot dexterity. Mental application utilizes memory for details, verbal instructions, emotional stability, discriminating thinking and some problem solving. Day and nights travel in automobile or heavy equipment required in job performance. Urgency of control often demands that we work all day and through the night. Periodic exposure to toxic or hazardous materials and chemicals, as well as to disease carrying organisms.

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Disclaimer: The above statements describe the general nature, level, and type of work performed by the employee(s) assigned to this classification. They are not intended to be an exhaustive list of all responsibilities, demands, and skills required of personnel so classified. Job descriptions are not intended to and do not imply or create any employment, compensation, or contract rights to any person or persons. Management reserves the right to add, delete, or modify any and/or all provisions of this description at any time as needed without notice. This job description supersedes earlier versions.

-----, -----, ----- have reviewed the above job description. Date: \_\_\_\_\_  
(Employee)