

# Sevier County

## Job Description



<b>Title:</b> Mosquito Abatement Sprayer / Lead Sprayer	<b>Department:</b> Mosquito Abatement
<b>Grade:</b> Sprayer - 9 / Lead Sprayer - 12	<b>FLSA Status:</b> Non-Exempt
<b>Job Code:</b> Sprayer - 810 / Lead Sprayer - 812	<b>Effective Date:</b> 05/12 (Last Revised 06/19)

### GENERAL PURPOSE

Performs skilled tasks related to the discovery, documentation, and abatement of mosquitoes as required in the Utah pesticide control act and the Utah noxious weed act.

**Sprayer:** Entry Level / **Lead Sprayer:** Working Level

### SUPERVISION RECEIVED

Works under the general supervision of the Mosquito Abatement Supervisor

**Sprayer:** Close to General / **Lead Sprayer:** General

### SUPERVISION EXERCISED

**Sprayer:** None

**Lead Sprayer:** Working leader who performs essentially the same work as those supervised and provides immediate or close supervision

### ESSENTIAL FUNCTIONS

#### **Mosquito Sprayer or Basic Functions for All Sprayers**

- Assists to survey Sevier County in search of mosquito infestations;
- Assists to communicate with the public and property owners regarding laws, ordinances and regulations;
- Pre-treats for mosquito larvae and determines species of mosquito or insect;
- Survey areas to be sprayed, monitor weather conditions, assess wind direction and speed, possibility of chemicals leaching and other conditions which may result in improper and hazardous applications of insecticide;
- Determines appropriate time of day or night for application to provide maximum effectiveness;
- Calibrates equipment and chemicals for proper application based on species and ecology;
- Calculates chemical application concentrations and rates and mixes various pesticides in the spraying units;
- Operates spraying equipment on public and private land such as road sites, canal banks, and private fields, ponds, standing water;
- Operates spraying equipment on foot or from vehicles such as trucks, ATV's, cargo carries, etc., sprays areas with larvicide assuring abatement of mosquitoes without harm or destruction to adjacent vegetation or animals;
- Operates, cleans, and maintains a variety of equipment chemical sprayers;
- Assists in recording services rendered to property owners;
- Collects and speciates insects and mosquitoes as part of the county's West Nile Virus, Eastern equine encephalitis, Western Equine encephalitis, St. Louis encephalitis, Malaria, Dog Heart Worm, etc., viral surveillance programs;
- Places mosquito traps.

#### **Lead Sprayer (in addition to the essential functions outlined for Mosquito Sprayer)**

- Reviews and updates signed private landowner releases;
- Designs and fabricates equipment and tools to meet specialized needs;
- Performs preventive maintenance, cleaning, 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;
- Extracts blood samples from animals and birds, cares for test flocks, and ships and stores biological samples for the Dept. of Health and State Veterinarian laboratories;
- Supervises and trains summer temporary help and volunteer crews on a project by project basis;
- Site by Site determination of the most affective environmentally sound mosquito control procedure;

### MINIMUM QUALIFICATIONS

#### 1. **Education and Experience:**

**Mosquito Sprayer:** Graduation from high school or equivalent; one (1) year performing related general labor experience;

**Lead Sprayer (In addition to the education and experience for Mosquito Sprayer):** Three (3) years of experience performing above related functions with Sevier County or five (5) years of experience performing mosquito and/or pest control or similar work providing knowledge of herbicides, pesticides; chemicals, and combinations of chemicals for effective mosquito abatement with one (1) of those years being performed with Sevier County;

\*An equivalent combination of education and experience may be considered.

2. **Knowledge**

**Mosquito Sprayer:** Some knowledge of the following:

- The types of mosquito present in Sevier County;
- The types of pesticides most effective on the mosquitoes and the most effective integrated pest management procedures for their control;
- Federal, state and local mosquito laws.

**Lead Sprayer:** Working knowledge (*in addition to the knowledge outlined for Mosquito Sprayer*):

- Appropriate city and county ordinances (ASCS, SCS, CRP, etc.) and the procedures described therein;
- Environmental issues and regulations (state & federal);
- EPA regulations and guidelines.

**Lead Sprayer:** Some knowledge of the following:

- Principles of supervision.

**Skills**

**All Sprayers** skill in

- The operation of fogger equipment, ATV vehicles, forklift, wind gauge, etc.

**Abilities**

**Mosquito Sprayer:** Ability to

- Identify various mosquito habitat and determine the procedure for their eradication and control;
- Perform simple bookkeeping and maintain department records as required.

**Lead Sprayer:** Ability to (*in addition to the abilities outlined for Mosquito Sprayer*)

- Understand scientific reports relating to mosquito resistance to pesticides;
- Supervise subordinates and to direct work performed by employees in order to maximize mosquito control services;
- Perform simple bookkeeping and maintain department records as required;
- Communicate effectively verbally and in writing.

3. **Special Qualifications:**

**All Sprayers**

- Must possess and maintain a valid Utah State Drivers License.
- **Lead Sprayer** must possess, and **Sprayer** must possess or acquire within 5 days, a non-commercial pest control license.
- Must maintain current licenses through recertification.
- Resident of Sevier County.

4. **Work Environment:**

- Remote and inaccessible locations in Sevier County, and requires the physical ability to perform all duties in extreme weather conditions (summer) such as muddy condition with high humidity, high pollen exposure, extremely dense mosquito populations as well as other biting insects.
- Hard physical labor including shoveling drains in swamps, carrying extremely heavy loads through mud, willow and tamarisk.
- Tasks require variety of physical activities.
- Generally involving muscular strain, such as walking on uneven terrain, standing, stooping, sitting, reaching, and lifting up to 50 pounds and occasional lifting of up to 100 pounds, and performing tasks on foot, from vehicles, or from a boat.
- 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.
- Requires exposure to toxic or hazardous materials and chemicals, as well as to disease carrying organisms.



**Disclaimer:** The above statements describe the general nature, level, and type of work performed by the employee(s) assigned to this classification. This description lists the major duties and requirements of the job and is not all-inclusive. Incumbent(s) may be expected to perform job-related duties other than those contained in this document. 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.

I \_\_\_\_\_ have reviewed the above job description. Current Title: \_\_\_\_\_ Date: \_\_\_\_\_  
(Employee)

I have reviewed this job description with the employee: \_\_\_\_\_ Date: \_\_\_\_\_  
(Supervisor Signature)