



Field Coordinator – Mosquito Abatement

Job Description

Department: Health
Position: Career Service
Grade: 723
Supervisory: Lead
Reports to: Division Director - Mosquito Abatement

Summary

Under general guidance and direction of the Division Director - Mosquito Abatement, provides hands-on operational leadership for ground-based mosquito control activities. Serves as the Subject Matter Expert (SME) and applies Integrated Mosquito Management (IMM) principles to translate surveillance data, service requests, and program priorities into effective daily operations. Responsible for the execution, quality, and safety of ground-based abatement activities, requiring field supervision, route optimization, and strict adherence to regulatory compliance and safety standards.

Essential Functions

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

1. Plan, coordinate, and lead daily ground-based mosquito control operations, including Ultra-Low Volume (ULV) adulticide applications, larval habitat inspections, source reduction activities, and special treatment projects.
2. Assign daily routes and tasks to seasonal employees based on surveillance data, weather conditions, and operational priorities, exercising judgment to modify plans as field conditions change.
3. Lead daily field operations; manage pesticide inventory and determine appropriate pesticide selection based on mode of action and environmental effects; procure materials and supervise the safe mixing of granular larvicide and other chemical applications.
4. Perform hands-on field work alongside seasonal employees, including operating sprayers, trucks, ATVs, granulators—to treat breeding sites, inspect storm drains, and respond to service requests.
5. Assist with the division's safety program by training employees in field operations, pesticide handling, equipment including ATVs and ULV sprayers; ensure strict compliance with pesticide labels, County policies, and Personal Protective Equipment (PPE) requirements.

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Job Title: Field Coordinator - Mosquito Abatement

FLSA: Non-Exempt

Effective Date: 2/17/2026

Public Safety: No

Worker's Compensation: County

Background Level: I

Safety Sensitive: Yes

DOT: No

ML: Individual Contributor

6. Support and assist with the seasonal employee lifecycle, including participation in interviewing and selection, onboarding, training, daily coaching, reinforcement of professional standards, and providing performance input and feedback to program leadership for evaluations.
7. Coordinate daily activities of seasonal employees in a designated area to maintain safety standards, work quality, and alignment with program priorities, under the guidance of the Division Director - Mosquito Abatement.
8. Coordinate the staging, maintenance, and accountability of vehicles, spray equipment, PPE, and field supplies to ensure operational readiness.
9. Coordinate and collaborate with external partners and stakeholders to support Integrated Mosquito Management (IMM) through mosquito surveillance, treatment operations, logistical coordination, public outreach, education, and program communication.
10. Identify, document, map, and prioritize mosquito production sources and risk areas using surveillance data, operational observations, historical records, and Geographic Information System (GIS) tools to support record updates and guide treatment strategies.
11. Communicate regularly with the Division Director and other Coordinators regarding field conditions, operational challenges, and resource needs to support coordinated program operations.
12. Support cross-lane operations by assisting Aerial and Laboratory employees with ground-based spraying, aerial operations, larval inspections, trap placement, mosquito identification (qPCR testing), and emergency response efforts related to mosquito-borne disease.
13. Assist with public notification and communication related to mosquito surveillance, laboratory findings, and control activities, including treatment operations, and respond to public questions or concerns as needed.
14. Maintain active engagement with the Utah Mosquito Abatement Association (UMAA) and, if appointed, carry out assigned committee or related responsibilities; perform other vector control program duties as needed.
15. Participate in program evaluation and continuous improvement efforts to support advancement of IMM strategies.
16. Maintain availability and respond to work-related communications using assigned County and approved communication devices to support program operations and emergency response during work hours and peak operational mosquito season as required.
17. Utilize Artificial Intelligence (AI) tools as directed by Utah County Policy and with approval from Department Head.

Knowledge, Skills, and Abilities

- Knowledge of mosquito biology, ecology, species identification, and transmission cycles of vector-borne pathogens

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- Knowledge of Federal and State regulations regarding pesticide application, including safe-handling, storage, and disposal of hazardous chemicals
- Knowledge of Utah County geography, including municipal boundaries, road systems, and sensitive wetland areas
- Skilled in safe operation and field maintenance of ULV sprayers, granular spreaders, trucks, and all-terrain vehicles
- Skilled in mathematical calculations necessary for proper pesticide mixing, calibration, and application rates
- Skilled in GIS and mobile technology for mapping breeding sites and navigating field routes
- Skilled in training, mentoring, and leading seasonal employees
- Ability to communicate effectively verbally and in writing with staff, leadership, and partner agencies
- Ability to plan, prioritize, and lead the daily work of seasonal employees, adapting to changing weather and field conditions
- Ability to develop and maintain cooperative working relationships with the public and with those contacted during the course of working activities

Supervisory Responsibility

This position provides oversight and operational guidance to seasonal employees and serves as a coach and mentor to staff in other positions within the department.

Work Environment

Work is performed in an office or environmentally controlled setting and requires regular field work, particularly during peak seasonal mosquito control operations, which includes sustained periods outdoors involving exposure to hot, cold, or inclement weather and varying environmental conditions. The incumbent handles hazardous chemicals and pesticides that may cause severe injury or death if mishandled, requiring strict adherence to safety procedures and the use of Personal Protective Equipment (PPE). Work may expose the incumbent to contagious or infectious diseases and high-stress situations, including contact with the public in confrontational, emotionally charged, or uncomfortable circumstances. The incumbent is required to operate Utah County-owned vehicles while conducting County business and must comply with the Utah County Vehicle Policy.

Physical Demands

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this job, the employee is required to use a high degree of manual dexterity to handle, feel, and operate objects, tools, and controls, and reach with hands and arms. The employee is regularly required to walk, stand, or stoop and work for sustained periods of time

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maintaining concentrated attention to detail. Specific vision abilities required by this position include close vision, distance vision, color vision, depth perception, and the ability to adjust focus when working with field environments, laboratory equipment, computers, and operational tools. The employee is regularly required to lift or otherwise move objects weighing up to forty (40) pounds. The employee regularly drives a motor vehicle.

Position Type / Expected Hours of Work

Incumbent must work forty (40) hours each week to maintain full-time status. There may be availability to work out a flex schedule ahead of time that works for both the County and the employee. Occasional evenings, weekends, holidays, and overtime work may be required as job duties demand.

Travel

Travel is primarily local during the business day, although some out-of-area and overnight travel may be expected, up to five (5) percent.

Required Education and Experience

1. Bachelor’s degree in Environmental Science, Public Health, Biology, Agriculture, or a closely related field.

OR

1. High School Diploma or equivalent.
2. Four (4) years of progressively responsible experience in mosquito abatement or a related field of vector control.

Preferred Education and Experience

1. Preference may be given to applicants with leadership and/or supervisory experience, including experience coordinating personnel, supporting training and mentoring, assisting with program planning, and promoting effective communication and teamwork.

Additional Eligibility Qualifications

1. Selected applicants must obtain a Non-Commercial Pesticide Applicator License in the area of Public Health through the State of Utah during the probationary period for new hires or trial period for promoted County employees and must maintain licenses and certifications during employment.
2. Incumbents must obtain and maintain certifications and licenses required to perform assigned mosquito control, surveillance, or operational duties, including completing all ongoing continuing education requirements for license/certification renewal.
3. Applicants must possess a valid driver’s license and obtain a valid State of Utah driver’s license within sixty (60) days of employment.

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4. Selected applicants will be required to submit to a pre-employment drug screen and background check.
5. Selected applicants shall be strongly encouraged to receive immunizations according to the Center for Disease Control and/or County Health Department Policy.

AAP/EEO Statement

It is the policy of Utah County Government to assure equal employment opportunity to its employees and applicants for employment without regard to race, color, religion, national origin, disability, age, sex, sexual orientation, genetic status or gender identity.

Other Duties

Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties, or responsibilities that are required of the employee of this job. Duties, responsibilities, and activities may change at any time.

Utah County Government is a drug-free workplace.

Acknowledgement below to be completed after an offer has been extended and accepted.

This job description has been approved by the Office of Human Resource Management in consultation with the Department Head.

Signature below constitutes an understanding of the requirements, essential functions and duties of the position.

Candidate / Employee _____ Date _____

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