

# Job Announcement

## MOSQUITO CONTROL LEAD OPERATOR

APPLICATION & DEADLINE: Only Turlock MAD application forms will be accepted. You may attach resumes or letters of recommendation to the District application for review. Applications can be picked up at 4412 N Washington Rd, Turlock; Monday - Friday from 8:00 am - 3:30 pm. or online at [turlockmosquito.org](http://turlockmosquito.org).

**Final Filing Date is March 15, 2024.**

Starting hourly salary is \$5,677 per/month. Benefits include Medical, Vision, Dental, Life Insurance, Retirement, Sick Leave, and Holidays. Position is fulltime, 8-hours Monday-Friday (7:30 am – 4:00 pm).

Other Requirements: Applicants will be screened by their application and/or employment interview. Must meet all requirements found in Mosquito Control Lead Operator Job Description, including education and experience requirements.

If you have any questions regarding this announcement call Turlock MAD (209) 634-1234

*It is the policy of the District to provide equal employment opportunity to all applicants. All qualified applicants will be considered for employment without regard to race, color, national origin, religion, gender or sexual orientation.*

*Please contact the District at least five (5) working days before a scheduled examination or interview if you require accommodation in the examination or interview process.*



Turlock Mosquito Abatement District

## Mosquito Control Lead Operator

Department/Division:	Operations
Reports To:	Mosquito Control Supervisor
Provides Direction To:	Mosquito Control Operator
Exemption Status:	Non-Exempt
Date Updated:	01/06/2022

### Basic Functions

Under general direction of the Mosquito Control Supervisor, to perform inspections and control operations relative to mosquito control in assigned areas or areas of responsibility. In addition, the individual is responsible for conducting site assessments and directing source reduction activities utilizing mosquito source reduction Best Management Practices (BMPs). May perform tasks of a specialized function or need and do related work as necessary within the auspices of a mosquito control agency.

During the mosquito breeding season, under general direction, this may include mosquito surveillance, mosquito control operations, and public outreach within the District's service area; communicating with landowners regarding mosquito reduction practices; occasional direct supervision of mosquito control operators; and performs work as required.

During the offseason, under general direction, this may include annual maintenance of spray equipment/machines, ATVs, vehicles, and facility; perform equipment characterization and calibration; perform and assist with special projects; occasional direct supervision of mosquito control operators; and receive training and attend continuing education courses.

### Illustrative Tasks

1. Organizes, evaluates and maintains various District programs that reduce mosquito development at sites such as cemeteries, duck clubs, neglected pools, wildlife refuge areas, wastewater facilities, and other problematic mosquito breeding sites.
2. Performs field inspections and proper documentation of field breeding conditions utilizing notes and digital photographs.
3. Communicates and interacts with coworkers, landowners, local, state and federal agencies regarding Integrated Pest Management (IPM) and Best Management Practices (BMP) programs; may write and prepare abatement documents, warning letters and serve inspection warrants.
4. Functions as lead worker in regards to source reduction projects and may assist in scheduling and controlling the daily work activities of mosquito control operators.
5. Performs the application of pesticides and ensures such applications and pesticides are applied in accordance with established laws, regulations, methods and techniques; selects appropriate pesticide and formulation for application; selects appropriate dosage rates in accordance with

the label, and implements to obtain proper coverage and efficacy; follows the label; records and submits accurate and proper paperwork.

6. Conducts investigative work regarding water management, vegetation management and other activities conducive to mosquito breeding. Keeps management and supervisor apprised of overall source reduction activities.
7. Utilize informal problem-solving skills, which also includes: approve appropriate use of sick leave and/or vacation time, schedule daily work schedules of operators based on project needs, and provides general input on employee's performance to higher-level manager/supervisor.
8. Refers or provides information to higher-level manager/supervisor regarding issues or concerns which may result in disciplinary action on an employee involved in a source reduction project or activity.
9. Arranges for and conducts fish planting in targeted areas; assists with the District's mosquito fish program; harvests fish, maintains District pond, and provide recommend field harvest locations.
10. Initiates requests, as needed, for aircraft applications and provides information, such as genus/species, larval stage development, dip count, field location, acres needing treatment, and all other pertinent information.
11. Re-inspects treated areas to evaluate efficacy, and keeps records of all work performed.
12. Thorough knowledge of best management practices in terms of mosquito control and source reduction in all habitat types, including: agricultural, residential, urban, waste water treatment, wetland/duck clubs, etc.
13. Reports conditions needing attention and action to management (i.e., denied access to property, interference of District staff to provide service, refusal of application, public complaint, etc.).
14. Revises operational maps of zones and areas in the District including properties, sources, topographical characteristics, fogging routes, no sprays, bees, organic crops and other features relevant to mosquito surveillance and control operations.
15. Cuts vegetation and prepares trails for equipment and/or personnel movement; performs general labor and simple equipment operations.
16. Performs annual maintenance of spray equipment, ATVs, vehicles, unmanned aerial vehicles (UAV) and facilities; calibrates spray equipment; assists with facility improvement/maintenance projects including, but not limited to, herbiciding, weed removal, fish pond maintenance, janitorial, painting, and other related general labor activities.
17. Maintains certification by attending technical and job-related training sessions, seminars, and continuing education classes (including FAA/DPR certifications for UAV operation).
18. Respond to questions and complaints regarding the District's program.
19. Performs other tasks or functions as assigned not stated in this description, but within the scope of experience and capability.

### **Secondary Illustrative Tasks**

Due to work volume, financial and staffing constraints, and other unknown and/or unanticipated conditions, at times, this position may be assigned other tasks, including field surveillance and control operations; clerical and/or office operations; mechanical and maintenance operations; public education and outreach operations; and other operations as needed, requested, and/or required to meet the needs of the public.

### **Knowledge of:**

- The pesticides, methods, and techniques used in mosquito control activities.
- Mosquitoes, life habits, and characteristics, especially species preferred breeding sites.
- The California Health & Safety Code as it pertains to mosquito and vector control.
- Integrated Pest Management (IPM) and Best Management Practices for mosquito control in California.
- Databases, word-processing, and spreadsheet computer applications.
- Appropriate safety precautions and procedures.
- Automotive equipment and pesticide application equipment used by the District; and the techniques and methods used in effecting minor repairs.
- Federal, State, and local laws and regulations pertaining to driving, vector control, and disposal/storage of hazardous material.
- Chemical application calibration techniques.
- Pesticide safety and handling.

#### **Ability to:**

- Identify using keys the various species of mosquitoes and other vectors found in the District's service area.
- Establish and maintain effective working relationships with other employees, management, other agencies, businesses, and the public.
- Keep records, make reports and to make arithmetical computations accurately.
- Understand, follow, and transmit oral and written instructions.
- Learn to operate safely an ATV, UAV, tractor, mowers, forklift and similar equipment.
- Work out-of-doors and occasionally under adverse weather and public health situations.
- Plan and organize work with a high degree of independence.
- Operate a vehicle observing legal and defensive driving practices.
- Hear, read, write, understand and speak English.
- Read and comprehend written instructions, including detailed technical instructions for repair, calibration, and operation of mechanical and electrical equipment, all spray equipment and safe handling instructions on pesticide labels.
- Work safely with power and hand tools and to wear any protective clothing and gear necessary for safe handling of those tools.
- Be willing to learn new and different skills and abilities as required by the District.

#### **Education/Training/Experience**

**Experience:** Five years of experience working in mosquito control or a closely related field. An Associate's Degree or higher may be substituted for two years of the experience requirement.

**Education:** GED or high school diploma.

#### **Licenses; Certificates; Special Requirements**

- Valid certification by the California Department of Health Services as a Certified Technician in Mosquito and Vector Control (Categories A & B) at the time of hire, or within 1-year of employment and must be maintained throughout employment in this class.

- Possession of a valid and appropriate California driver's license is a condition of continued employment. Must be insurable with the District's insurance carrier.
- Qualifying person must pass a post-offer physical examination for his or her ability to perform the essential functions of the job and a drug screen at District expense.

### **Physical and Mental Demands**

The physical and mental demands described here are representative of those that must be met by employees to successfully perform the essential functions of this class. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Employees are responsible for maintaining their physical condition in a state that will allow them to be able to perform the duties of their position and to be in a physical condition that does not increase the danger or likelihood of injury on the job.

### **Physical Demands**

**Body Movements:** Must have full mobility and use of both arms. Must have the ability for full extension above the head to lift or remove equipment during normal daily activity. Must have full range of motion to climb and hike into surveillance and treatment areas that may include use of hands, legs and feet. Must have full mobility to assist in surveillance and control programs which involves climbing up and down steep brushy, muddy terrain to survey, abate mosquitoes, to place traps and use other equipment in mosquito habitat. Must have the ability and range of flexibility to reach over the head, reach below the knees and to bend over, stoop, or squat down. Must be able to move quickly in fieldwork areas known to be inhabited with venomous snakes, or other potentially dangerous vectors and animals. Must be able to swim and/or tread water.

**Constant:** Activity or condition existing 2/3 or more of the time. Must be able to conduct field operations and carry equipment weighing up to 50 pounds. Be able to inspect and treat mosquito breeding sources and test control measures by climbing or hiking into areas to locate, sample and spray breeding areas. Have mobility of arms to reach, legs to walk and dexterity of hands and fingers to grasp and manipulate small objects and tools. Must be able to work in temperatures ranging from below freezing to above 100° Fahrenheit while wearing the appropriate personal protection equipment for eye protection, hearing protection and respirator, if required.

**Frequently:** Activity or condition existing from 1/3 to 2/3 of the time. Lifts, carries and uses equipment and supplies weighing up to 50 pounds. Standing and sitting for extended periods while running record reviews, updating maps, and performing office duties. Be able to operate a motor vehicle with a standard and automatic transmission.

**Occasionally:** Activity or condition existing up to 1/3 of the time. Requires being able to climb over or through fences, climb ladders, squat, bend over and lift equipment up to 25 pounds above the head. Be able to climb and hike areas to survey and treat mosquito habitat or test control materials in corn fields, pastures, wetlands, flood control channels, urban environments and similar areas with rough terrain.

**Vision:** The position requires adequate vision (which may be corrected) to read, write, drive during the day and at night and safely perform the essential functions of the job under the conditions listed above.

### **Working Conditions**

Incumbent may be exposed to pesticides, chemicals, communicable diseases, and other health hazards, inclement weather conditions, verbal confrontations from members of the public. The incumbent may be required to work non-standard work schedules including evenings, weekends, and holidays.