



JOB ANNOUNCEMENT

Biologist

The District is seeking a Biologist for providing operational and research support as part of the Clark County Mosquito Control District (CCMCD). Our District is based in Vancouver, WA and serves all of Clark County.

Posted: November 10th, 2021

Final Filing Date: December 10th, 2021 by 3:30 pm.

Veterans are encouraged to apply

Posting Status: Permanent, Full-time

Application Process

Interested individuals must submit a resume and a cover letter explaining why you are interested in such position. Failure to complete the instructions in this job announcement may result in your application being rejected. Please direct your application materials electronically to mario.boisvert@clark.wa.gov (subject line "Biologist 2022"), by mail to: Clark County Mosquito Control District, PO Box 9825, Vancouver, WA, 98666, or by fax to 360-573-1921. No phone calls please.

Job Description

We are looking for a Biologist that will oversee the implementation of the District's drone program and be involved in all the aspects of the mosquito vector surveillance and operations programs. The Biologist will be part of research projects (internal or collaborations) and will apply pesticides, as needed, for mosquito control activities utilizing available application techniques/equipment. Work is performed under the supervision of the District Manager.

Duties include but are not limited to the following:

Unmanned Aerial Systems (UAS/drones)

- Oversee the implementation of the District's drone program (management and operations).
- Conduct UAS (drone) operations for mosquito survey flight and pesticide applications within the guidelines of the Clark County Mosquito Control District's Certificate of Authorization (COA) or operations under part 107 of the Federal Aviation Regulations (FAR's).
- Ensure that any UAS owned and operated by CCMCD remains in a workable, safe condition.
- Perform tasks as outlined in the pre-flight checklist before each flight.
- Keep accurate records of UAS activities (flight and maintenance logs).
- Keep accurate records of pesticide applications.
- Keep informed of trends and developments regarding UAS operations and applicable laws and regulations governing their use to maintain skill and expertise.

Operations and surveillance

- Conduct mosquito larviciding treatments using physical, biological and/or chemical control methods.
 - If necessary, apply adulticides during the morning/evening hours as assigned (training might be needed).
 - Identify adult mosquitoes and larvae to the genus and species.
 - Conduct surveys of mosquito larvae and adult population measurement.
 - Design, participate in and monitor research projects.
 - Prepare reports and analysis of District's surveillance, operations, and research projects to provide program recommendations.
 - Participate in the development and implementation of goals, objectives, policies, and priorities for the surveillance and operations programs.
 - Assist in arbovirus surveillance activities, as needed.
 - Assist District staff/employees with all aspects of controlling mosquitoes (training, treatment, etc.).
 - Operate District provided vehicles, which may require the use of four-wheel drive trucks and ATVs' and operate specialized spray equipment.
 - Investigate service requests in a timely manner.
 - Keep informed of trends and developments regarding pesticide applications and applicable laws and regulations governing their use to maintain skill and expertise.
 - Be mindful of workplace safety and act responsibly with District property.
 - Establish and maintain effective working relationship with co-workers, supervisors, and the public.
 - Perform other duties on an as needed basis.
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Requirements – Qualifications

It is the applicants' responsibility to identify in their application materials how they meet the MINIMUM QUALIFICATIONS listed below:

- Must be at least 18 years of age or older.
 - Graduation from an accredited college or university with a Bachelor of Science degree in entomology, biology, botany, marine science, wildlife management, zoology, or another related field.
 - Experience with **U**n**m**anned **A**erial **S**ystems (UAS/drones) and **G**eographical **I**nformation **S**ystems (GIS) are preferred.
 - Must obtain a **F**ederal **A**viation **A**ssociation (FAA) part 107 certification within one (1) month of employment and maintain it in good standing.
 - Able to learn the operation of specialized equipment (drones) and comply with local, state, and federal laws regarding operation of a UAS
 - Must be able to obtain and maintain the Public Health Pest Control License within one (1) month of employment and maintain it in good standing.
 - Experience performing biological assays preferred.
 - Experience identifying insects and use of a dichotomous identification manuals/keys preferred.
 - Can work with minimal direct supervision.
 - A valid Washington Driver License will be required at the time of employment or obtain such within 30 days of hire and must be maintained throughout employment.
 - A recent DMV printout is required before employment.
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Knowledge of :

- Insects, pathogens, ecology, and epidemiologic principles related to vector-borne diseases of the region.
 - Mosquito habitats and breeding areas.
 - Pesticides and their mode of action.
 - The structure and content of the English language, including the meaning and spelling of words, rules of composition, and grammar.
 - Modern equipment and communication tools used for business functions and program, project, and task coordination, including computers and software programs relevant to work performed.
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Ability to :

- Use tact, initiative, prudence, and interpret judgement within general policy, procedural, and legal guidelines.
 - Safely operate all District vehicles, trucks, and equipment.
 - Read, comprehend, and interpret label requirements for all pesticides used by the District.
 - Learn and understand the duties and responsibilities of the Clark County Mosquito Control District
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Physical requirements

- Moderate physical activity is required on a regular basis including lifting, reaching for, pulling, and carrying up to fifty (50) pounds
 - Sitting for long periods of time while driving a vehicle.
 - Walking for long distances and climbing over and around natural obstacles.
 - Must be able to use hands and fingers to type, and grip and operate a variety of hand tools and other equipment.
 - Excellent vision, both close and distance.
 - Reasonable accommodations may be made to enable individuals with disabilities to perform essential functions.
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Work environment

- The work environment varies but normally is outdoor or in a vehicle but may include warehouses, office buildings, vehicles, wetlands, fields, etc.
 - Regular exposure to all types of weather is required as the position is required to work outside, exposed to high temperatures and humidity, sun, rain, and wind.
 - Exposure to loud and moderate noise levels will occur on a regular basis when around a variety of other equipment, motors, etc.
 - Working with and around chemicals, which are stored, handled, applied/used, and disposed of according to labeling instructions, is required frequently.
 - Exposure to moving mechanical parts, mud, fuel, fumes, and insects is required.
 - Employees may interact with upset staff and/or public and private representatives in interpreting and enforcing departmental policies and procedures.
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Pre-employment requirements

A pre-employment background check (including references and employment history) and a drug test to comply with our Drug Free Workplace policy will be required. Clark County Mosquito Control District is committed to maintaining a drug and alcohol-free workplace.

Terms of Employment

- \$27.75 / hour
 - Clark County Mosquito Control District offers a competitive benefits package that includes :
 - Comprehensive Group Health Insurance Plan that includes medical/prescription/vision/dental plans with employee cost share
 - Long-term Disability and Life Insurance at the District's expenses
 - Paid holidays and sick leave accrual
 - Bereavement leave
 - Contribution to Public Employment Retirement Systems (PERS)
 - Deferred Compensation Plan (457 Plan)
 - Direct Deposit payroll
 - Hours: 7:00 a.m. to 3:30 p.m.
 - Working hours are adjusted for weather, vector, and vector-borne disease activity, and/or other District needs. This position might require working early mornings and/or late nights to meet the needs of the District's surveillance, research, and control programs. The Biologist may be required to work in excess of 40 hours/week and occasional weekends.
 - The Clark County Mosquito Control District is considered as an essential service to protect people and, unless otherwise specified, is operational during the COVID pandemic.
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The District reserves the right to change or alter this description at its sole discretion.

This document does not create an employment contract, implied or otherwise.

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.

CLARK COUNTY MOSQUITO CONTROL DISTRICT
8115 NE St Johns Road, Vancouver, WA, 98665
Fax: (360) 573-1921

Website: <https://clark.wa.gov/public-health/mosquito-control-district>