Northwest Mosquito and Vector Control District

VECTOR CONTROL TECHNICIAN II

SECTION 1: POSITION DESCRIPTION

BASIC FUNCTIONS:

Under direction, to perform work of varying difficulty in preventing and controlling mosquitoes and other vectors; to provide supervision; and perform related work as required.

RELATIONSHIP:

The Vector Control Technician II reports to the Field Supervisor.

CLASS CHARACTERISTICS:

The Vector Control Technician II exercises considerable judgment in organizing and carrying out the details involved in his/her assignments.

This position may be given varying degrees of responsibility for providing advice and assistance to property owners regarding the abatement of vectors and vector sources on their property; however, controversial problems are referred to higher levels.

RESPONSIBILITIES:

1. Surveillance and inspections of assigned area for vector breeding sources such as ponds, catch basins, dairies, agricultural, septic tanks, horse stables, residential premises, and swimming pools; maintains awareness of drainage patterns, refuse disposal practices, and other factors conducive to vector breeding.

2. Identifies vectors in all stages of development.

3. Treats areas, when necessary, with appropriate equipment, pesticides, or biological control agents at proper dosage rates in order to obtain proper coverage and kill.

4. Cuts vegetation and prepares trails for equipment movement; performs general labor and simple equipment operations in source reduction activities including cutting ditches for drainage; mixes and applies herbicides; collects and plants fish as needed.

5. Reinspects treated areas to evaluate effectiveness.

6. Keeps detailed records of work performed and prepares inspection reports for property owners.

7. Advises the public regarding vector problems, the need for vector control and source reduction, explains the reason for operators' presence on property, and reports conditions needing attention and action to supervisors.

8. Operates automotive, equipment, powered and hand spray equipment; keeps equipment in working order, performs simple maintenance and repairs; may be assigned to assist in fabrication of equipment; and may be assigned to assist in maintenance and repair of buildings and grounds. Periodically performs duties such as painting, plumbing, electrical or woodworking.
9. Prepares and revises operational maps of areas in the District including properties, ponds, topographic characteristics, and other features relevant to vector control operations.

10. Compiles data as directed on work performed, types of service, costs, and vector population history.

11. May be assigned responsibility for operating specialized equipment such as all-terrain vehicles, hovercraft, boats, and other mechanized equipment. May be responsible for collection and release of biological control agents using specialized equipment.

12. Assists in training and supervision of Vector Control Technician-I assigned to his/her geographic area.

13. Attends professional and safety training sessions; follows safety policies by using proper safety equipment and operating equipment in a safe manner.

14. Operate effectively GIS/GPS system, computers and software.

15. Attends training sessions, reads agency manuals and keeps informed of policies and procedures.

16. Keeps supervisors informed of vector control conditions and problems; reports progress and problems of Vector Control Technician-I to supervisors.

17. Performs related work as assigned.

18. Regular attendance is an essential function.

SECTION 2: POSITION REQUIREMENTS

DESIRABLE QUALIFICATIONS:

**Knowledge of:**
- Vector breeding sites and habitats.
- Vector control methods including source reduction, biological control, and chemical control.
- Vector control equipment, vehicle operation, and safety practices.
- Basic Biology, particularly life cycles of vectors.
- Methods of service request response and investigation.
- Calibration of spray equipment.
- Laws and regulations pertaining to vector control.
- Arithmetic.

**Ability to:**
- Read, interpret, and use policies, procedures, rules and regulations.
- Accept assignments from persons working at a higher level.
- Operate and maintain vehicles, equipment, and tools specialized for vector control.
- Mix, load, and apply pesticides according to label specifications and established standards.
- Operate effectively electronic technology such as computer, GPS/GIS system.
- Work cooperatively and effectively with other employees and the public.
- Practice safety techniques and use good judgment in the use of vector control materials.
- Communicate effectively orally and in writing and understand and carry out oral and written instructions.
- Train lower classifications and oversee their field activities.
- Report progress and problems of lower classifications to supervisors.
Education: Graduation from high school or equivalent.

Experience: One year as Vector Control Technician I or two years’ experience in performing similar work involving application of pesticides and use of machinery and performing skilled or semi-skilled labor.

POST-OFFER PHYSICAL EXAMINATION:
A qualified physician must certify that a candidate is physically able to perform the duties of the position and is free of illegal substances as determined by a drug screen. The post-offer physical examination and drug screen shall be performed by a qualified medical doctor and/or laboratory as designated by the District and all costs shall be paid by the District.

FUNCTIONAL REQUIREMENTS:
Individual must be sighted with the ability to demonstrate measurable depth perception.
Minimum of single ear aided hearing.
Ability to speak and write effectively in English.
Ability to frequently traverse uneven ground such as fields, dirt banks, streambeds, and shallow ponds.
Ability to frequently operate a motor vehicle.
Ability to frequently bend at the knees and waist to inspect sources.
Ability to regularly carry a 50 pound sprayer on one’s back over uneven surfaces.
Ability to occasionally operate specialized equipment such as boats, all terrain vehicles, hovercraft and other mechanized equipment.
Ability to periodically assist in the lifting of objects weighing in excess of 60 pounds.
Ability to periodically perform repetitive motion activities.
Ability to periodically sit for extended periods of time.
Ability to periodically climb ladders.
Ability to use respirator and gloves.

SPECIAL NOTES, LICENSES, OR REQUIREMENTS:
Certificates:
Must possess valid certifications by the California Department of Health Services as a Certified Technician in Mosquito Control, Vertebrate Vector Control and Terrestrial Invertebrate Vector Control and must maintain throughout the employment in this class.

Within one year of employment with the District, the employee must obtain Public Health certificates in all categories for vector control agencies offered by California Department of Public Health or any other license(s) or certification(s) as directed by the District Manager and maintain such certification(s)/license throughout their employment.

License:
Possession of a valid California driver’s license is required at the time of appointment and must be maintained in good standing throughout the employment in this class. Must be insurable with District’s insurance carrier at all times throughout the employment.

Working Conditions:
Incumbent may be exposed to pesticides, communicable diseases, and other health hazards, inclement weather conditions and verbal abusive behavior from hostile individuals.
The District reserves the right to modify, delete, augment, or supplement the duties, qualifications, and requirements stated at its sole and absolute discretion.

January 12, 2015