

DELTA VECTOR CONTROL DISTRICT VECTOR CONTROL TECHNICIAN I

Definition: Under supervision, performs inspections and control operations for assigned vectors, and does related work and supportive services as required.

General Functions: The Temporary Technician carries out assignments, the details of which have been planned and organized by persons working at a supervisory level. This individual normally begins in a training category in more limited areas of vector control, but as skills are obtained, more diversified duties are assigned. Work is performed in accordance with established methods and techniques. This individual is closely supervised and receives specific assignments accompanied by detailed oral or written instructions.

Determines stages of larval development and notes other environmental factors. Applies pesticides in target areas for vector control when needed. Re-inspects treated areas to evaluate effectiveness of control effort; keeps records of work completed. Performs other vector control measures as required.

Drives automotive equipment and may operate hand and power spraying equipment; keeps spraying equipment in working order, performs simple maintenance and repairs. May be assigned to assist in maintenance and repair of buildings and grounds.

Prepares and revises operational maps of zones and areas in the District, including properties, ponds, topographic characteristics, and other features relevant to vector control operations. Records significant changes on maps, collects and compiles data, as directed, on work done, types of service provided, vector population histories and other assigned topics. Utilizes service requests to prioritize inspection schedule.

Performs physical labor such as brushing creeks, cutting footpaths for remote source access and lifting sewer and storm drain covers.

Attends training sessions, reads agency manuals and otherwise keeps informed of policies and procedures, keeps supervisors informed of progress and problems, and requests consultation as required.

Knowledge and Skills:

Has a basic knowledge of vector control equipment, vehicle operation and safety precautions.

Must understand Material Safety Data Sheets and pesticide labeling information.

Must be able to make field identification of assigned vectors and know their life cycles.

Must exhibit a working knowledge of field and administrative functions and operations, including maintenance of zone records, daily activity reports and service request response procedures.

Must be able to work independently and responsibly to organize and conduct assigned control activities in the field; ability to make accurate observations and keep detailed records; ability to work cooperatively and effectively with other employees and the public; and to evaluate situations accurately and adopt an effective course of action. Must be able to do basic preventive vehicle and power equipment maintenance and repairs.

Minimum Qualifications:

High school graduate or GED and eighteen years of age. Work experience involving manual labor and the uses of machinery performing skilled or semi-skilled operations. Some courses in biology or relevant work experience in pest management.

Must be able to read and write capably and be able to communicate with the general public. Ability to interpret a variety of instructions furnished in writing, oral, diagram, or schedule form.

Must be able and willing to do heavy physical labor.

Must be able to add, subtract, multiply, and divide in all units of measure, using whole numbers, common fractions, and decimals. Ability to relate concepts such as rate, ratio, percentages, area, and volume to practical situations.

Must be able to work independently without direct supervision.

Must have a valid California driver’s license with a good driving record and be insurable using the accepted guidelines of the insurance provider. DMV printout required.

Successful completion of pre-employment physical examination and drug screening.

Physical Demands:

Physical Activity:

Amount of Time:

	<u>1/3</u>	<u>1/3-2/3</u>	<u>over 2/3</u>
Stand		X	
Walk		X	
Sit		X	
Use hands to finger, feel or handle			X
Reach with hands and arms			X
Climb or balance			X
Stoop, kneel, crouch or crawl			X
Talk or hear			X
Taste or smell			X

Lifting or force exertion requirements:

Amount of Time:

	<u>1/3</u>	<u>1/3-2/3</u>	<u>over 2/3</u>
Up to 10 pounds			X
Up to 25 pounds		X	
Up to 50 pounds		X	
Up to 100 pounds	X		
Over 100 pounds	X		

Vision Requirements:

Close vision (clear vision at 20 inches or less):

Identification of species and stage of larval development.

Distance vision (clear vision at 20 feet or more):

Environmental evaluation, control of vector source and safety.

Peripheral vision (ability to observe an area that can be seen up and down or to the left and right while eyes are fixed on a given point):

Environmental evaluation, control of vector source and safety.

Depth perception (three-dimensional vision, ability to judge distances and spatial relationships):

Environmental evaluation, control of vector source and safety.

Work Environment:

	<u>Amount of Time:</u>		
	<u>1/3</u>	<u>1/3-2/3</u>	<u>over 2/3</u>
Wet or humid conditions	X		
Work near moving mechanical parts		X	
Work in outdoor weather conditions			X
Fumes of airborne particles	X		
Toxic or caustic chemicals		X	
Extreme heat		X	

The position typically experiences a moderate noise level consistent with an office with computers and printers, or light traffic. Occasionally the noise level is consistent with an automotive repair shop.