

PART I	DEPARTMENT OF PERSONNEL SERVICES	8.356
	STATE OF HAWAII	8.358
.		8.361
	Class Specifications	8.363
		8.365
		8.367
	<u>VECTOR CONTROL INSPECTOR SERIES</u>	

Series Definition:

This series includes all classes of positions which are involved in the direction, supervision and/or performance of non-professional technical and specialized work in vector control program activities, which are a broad area of the State environmental public health program. The primary duties of positions in this series involve work in the inspection, investigation, education and enforcement activities relating to the control and/or extermination of mosquitoes, rodents and other small mammals, flies, fleas and other insects which are injurious to human health and comfort, or harmful to domestic animals.

The objectives of the State vector control program are: (1) to protect the public health by suppressing outbreaks of potential vector-borne diseases through the surveillance and control of endemic vector species present in the State; (2) to maintain surveillance against the encroachment into the State of new vector species and vector-borne diseases; and (3) to provide direct and/or consultative services to abate mosquitoes, rodents and other small mammals, flies, fleas and other insects of medical significance which transmit diseases or impair public well-being. To accomplish these objectives, various control technology is utilized. These include environmental measures which prevent or reduce vector breeding sources (e.g., removal of breeding places for mosquitoes by filling in low areas that accumulate water, starving rodents by improved sanitation of the premises and by protection of the food supply, etc.); chemical measures which destroy immature or adult vectors (e.g., insecticides, rodenticides and other poisons); and biological or naturalistic measures (e.g., release of predatory insects, fish or other animals or changing the chemical or physical characteristics of breeding sources, such as acid waters, a changing salinity of water and agitation of water surface to prevent the growth of mosquito larvae).

The work of positions in this series requires practical knowledge of the life cycle, characteristics and habits of mosquitoes, rodents and other small mammals, flies, fleas and other vectors; the relationships of environmental conditions to infestation by such vectors; and diseases transmitted by such vectors. Also required is the practical knowledge and skill in the use of chemicals and equipment utilized in vector control program activities, and the ability to understand and interpret applicable laws, rules and regulations, and to promote maintenance

interpretation of environmental health laws, rules and regulations with emphasis on vectors of public health significance, control methods and applications, etc.; participates in routine work assignments in premises inspection, investigation, education and enforcement activities in the vector control program; and performs other duties as required.

Distinguishing Characteristics:

This is the entry-trainee level in the Vector Control Inspector series and is designed to develop the employee to perform work assignments through which the trainee advances as part of his progression to full performance as an independent worker. Thus, under immediate and continual supervision from a higher-level inspector, the employee is given the opportunity to participate in a variety of operations in the vector control program at an elementary level. Work assignments are screened to eliminate difficult or unusual problems and more complex assignments are selected to progressively develop the employee to the next higher level.

Examples of Duties:

Attends orientation and training sessions; learns basic laws, rules and regulations of environmental public health sanitation with emphasis in the area of vector control; learns the fundamental practices, principles, techniques and methodology of public health inspection, investigation, education and enforcement; learns and maintains safety precautions in the use of specialized equipment, tools and chemicals utilized in the vector control program; accompanies a higher-level inspector and participates in all phases of the vector control program; participates in keeping specialized equipment and tools in working order; prepares simple reports.

Knowledge and Abilities Required:

Knowledge of: Elementary biology, chemistry and hygiene.

Ability to: Learn the basic laws, rules and regulations of environmental public health sanitation with emphasis in the area of vector control; learn fundamental principles, methods, practices, techniques and control measures in the vector control program; learn to operate specialized vector control program equipment; follow oral and written instructions; make routine field and laboratory observations; learn to deal effectively with others and the general public; and make simple oral and written reports.

VECTOR CONTROL INSPECTOR II

8.358

Duties Summary:

Independently performs the full range of work assignments in the vector control program; and performs other duties as required.

Distinguishing Characteristics:

This class involves responsibility for independently performing the full range of work assignments in the inspection, investigation, education and enforcement activities of the vector control program.

Examples of Duties:

Independently performs inspections and/or investigations of complaints covering a variety of premises such as residential dwellings, business establishments, food establishments, recreational facilities, transportation facilities, industrial plants, agricultural farms, etc., for evidence of mosquitoes, rodents and other small mammals, flies, fleas and other vectors of diseases and for conditions caused by such vectors; recommends corrective and/or abatement measures and seeks positive cooperation of property owners or other responsible parties; explains vector control laws, rules and regulations and informs the property owners or other responsible parties about the public health significance of vectors as necessary; follows up on complaints to insure compliance with applicable vector control laws, rules and regulations and informs complainants of actions taken to control the vector problems; detects and refers other unsanitary conditions to the supervisor for further referral to other appropriate health agencies; recommends to the supervisor the issuance or denial of sanitary certificates by the appropriate health agency in relation to compliance with vector control laws, rules and regulations; advises and/or demonstrates to interested parties such as farmers and the general public the types of chemicals, equipment and tools utilized in vector control activities and their proper usage; participates in laboratory activities such as identifying, sexing, counting vector species; propagating experimental fish, etc.; participates in orientation and field training educational activities of local and foreign students and others; may present talks to public and private school students or other interested groups relative to vector control program; may provide technical assistance to major land users in proper source reduction methods and implementation; participates in mechanical repairs, fabrication and maintenance of specialized equipment; collects unknown vector specimens for laboratory identification and proper methods of control; prepares

reports of work activities, including equipment and materials used and time spent, reports deficiencies in equipment to the supervisor.

Knowledge and Abilities Required:

Knowledge of: Vector control laws, rules and regulations; methods, techniques and practices as related to vector control inspection, investigation, education and enforcement activities; equipment and tools, chemicals utilized in the vector control program; and their proper usage.

Ability to: Work independently; work cooperatively and effectively with other employees and the general public; relate and apply knowledge of vector control methods, techniques and practices and adopt an effective course of action.

VECTOR CONTROL INSPECTOR III

8.361

Duties Summary:

Supervises and participates in vector control program activities; and performs other duties as required.

Distinguishing Characteristics:

This class involves responsibility for supervising a small staff of vector control inspectors and participating in the inspection, investigation, education and enforcement activities of the vector control program.

Examples of Duties:

In addition to the duties of the Vector Control Inspector II, supervises a small staff of vector control inspectors in the inspection, investigation, education and enforcement activities in the vector control program. Supervisory duties include assignment of work, review of work, change of work assignment, training and instruction, evaluation of work, etc., of subordinates. A position in this class may also supervise vector controlmen in their work.

Knowledge and Abilities Required:

Knowledge of: In addition to the knowledge required of the Vector Control Inspector II, requires knowledge of basic laws, rules and regulations of environmental health sanitation and

knowledge of the principles and practices of supervision.

Ability to: In addition to the abilities required of the Vector Control Inspector II, requires the ability to supervise a small staff of vector control inspectors in the inspection, investigation, education and enforcement activities in the vector control program.

VECTOR CONTROL INSPECTOR IV

8.363

Duties Summary:

Supervises two or more crews of vector control inspectors engaged in vector control program work; or primarily provides technical assistance and advice for large agricultural operations and other major land users in implementing proper source reduction measures to reduce or permanently eliminate major breeding sources of vectors; and performs other duties as required.

Distinguishing Characteristics:

Vector Control Inspector IV positions are typically of two types:

1. A position responsible for supervising two or more crews of vector control inspectors through subordinate Vector Control Inspector III's engaged in inspection, investigation, education and enforcement work.
2. A position which is primarily responsible for surveying major vector breeding areas in agricultural, industrial or other operations, determining causes of breeding and recommending methods, including modification of the environment for effective water management, land use, etc., in order to reduce or permanently eliminate such major vector breeding sources. At this level, public contact is extremely significant since the incumbent of a position in this class must stress the importance and necessity of corrective reduction measures to be borne by the responsible parties themselves.

Examples of Duties:

1. Supervises two or more crews through subordinate Vector Control Inspector III's engaged in various vector control program activities; determines priority of work in assigned work area on the basis of weekly entomological

VECTOR CONTROL INSPECTOR I, II, III, IV, V, & VI
8.356, 8.358, 8.361, 8.363, 8.365, 8.367

surveillance data and other factors and makes changes when necessary in routine schedules work for crews; periodically reviews the work of crews by spot-observation or accompanying crews into work areas; instructs new employees in methods and techniques of inspectional, investigational, educational, enforcement and other aspects of work and in the proper usage and safety precautions relating to equipment, tools and chemicals; conducts aircraft inspections for compliance with the aircraft disinfection regulation and takes appropriate action to obtain corrective action in alleged violations; assists entomologist by recommending field test plots and obtaining field data under varying conditions in testing new chemicals; evaluates work of subordinates; conducts periodic equipment inspections to insure that all equipment are in good operating use; as requested, speaks to public and/or private school students or other interested groups on the vector control program; participates in field orientation and training for student nurses, foreign trainees, etc.; may perform work of lower-level Vector Control Inspectors during period of heavy work load; keeps records and prepares appropriate correspondence and operational reports.

2. Surveys major vector breeding areas; checks grades, water management, land use and other factors as may be contributing to the vector problem such as faulty equipment, improper vector control methods and techniques, etc., and prepares maps, diagrams or charts depicting the location and conditions affecting vector breeding; confers with representatives or owners of major agricultural or other major land users and explains problems and discusses alternative types of corrective action; assists company representatives or owners in installing chemical systems, modifying water management practices, or modifying the environment; observes effectiveness of preventive measures initiated, investigates deficiencies and develops or assists in developing system revisions; works with farmers of large farms and large property owners and assists in promoting effective land use and changes to reduce vector breeding sources; establishes and maintains effective working relationships with large agricultural and industrial operations and with governmental agencies in matters requiring vector source reduction consultation; keeps abreast of developments in vector control technology; keeps records and prepares reports on activities

Knowledge and Abilities Required:

Knowledge of: In addition to the knowledge required at the previous level, a practical knowledge of the principles and practices of public relations is required.

Ability to: In addition to the abilities required at the previous level, the ability to compile, evaluate data and prepare appropriate reports, and to obtain cooperation of individuals, management and organizations is required.

VECTOR CONTROL INSPECTOR V AND VI

8.365
8.367

Duties Summary:

Plans, coordinates, directs and/or supervises the vector control program activities in an assigned geographical area; and performs other duties as required.

Distinguishing Characteristics:

These classes involve responsibility for planning, coordinating, directing and supervising the vector control program activities in an assigned geographical area. Positions in these classes reflect significant participation in administrative areas such as expenditure control, supplies and equipment management, personnel management, budget preparation, etc., for the assigned geographical area. Positions may also provide administrative supervision over professional position(s) which may be assigned to the organization. Positions in these classes located on Oahu report to the Vector Control Branch Chief and positions in these classes located in the District Health Offices report to a Registered Sanitarian VI.

Vector Control Inspector V: Supervises directly and through subordinate working supervisor(s) the vector control staff in a geographical area. Subordinate staff includes six to twelve vector control inspectors and vector controlmen.

Vector Control Inspector VI: Supervises, with the assistance of subordinate supervisor(s) and working supervisors, the vector control staff in a geographical area. Staff includes Vector Control Inspectors (including positions at the III and IV level), vector controlmen and laboratory personnel, and typically clerical and/or other support positions.

Examples of Duties:

Plans, coordinates, directs and supervises the vector control program activities including inspection, investigation, education, enforcement, abatement, surveillance and measurement, prevention, eradication, laboratory, liaison and coordination with other agencies in joint vector control efforts, etc., in an assigned geographical area; participates in budget preparation, personnel management, supplies and equipment management, etc., for the assigned geographical area; attends staff meetings, conferences, etc.; keeps abreast of current trends and developments in the vector control field; may participate in various activities of lower level vector control inspectors during seasonal vector infestation; conducts or arranges for in-service training; prepares operational and special reports; and correspondence.

Knowledge and Abilities Required:

Knowledge of: In addition to the knowledge required at the previous level, requires a good working knowledge of the biology and ecology of vectors and the diseases transmitted by vectors, the methods for their control and the equipment, tools and chemicals used in the vector control program.

Ability to: In addition to the abilities required at the previous level, requires the ability to plan, coordinate, direct and/or supervise the vector control program activities in an assigned geographical area.