

BANNOCK COUNTY **CLASS SPECIFICATION**

SENIOR MOSQUITO CONTROL OPERATOR

Department: Road and Bridge
FLSA Designation: Non-Exempt

Pay Grade: 8
Effective Date: 2/08, 8/09

Purpose of Class

Performs first line supervisory functions and full working level semi-skilled and skilled duties to enforce the County mosquito abatement program; performs related work as required.

Primary Function

The primary function of an employee in this class is to identify and trap mosquitoes, perform pesticide and larvicide applications, gather and analyze data on mosquito populations and West Nile Virus, and educate the public on West Nile Virus dangers. This position includes working supervision of seasonal applicators. The work is performed under the supervision of the Mosquito Control Supervisor with some latitude granted for the exercise of independent judgment and initiative. The principal duties of this class are performed outdoors and may include working in adverse weather conditions and hazards involving the use of spraying equipment and hazardous chemicals.

Essential Duties and Responsibilities (will vary by assignment)

- Surveys County in search of mosquitoes, including plotting and mapping problem sites and communicating with landowners, health departments and other government agencies regarding mosquito infestations;
- Calculates chemical application concentrations and rates per sq ft and mixes chemicals based on correct proportions for the job;
- Operates a motor vehicle with spraying equipment, a power blower, or fogger to perform safe application of pesticides and larvicides after assessing environmental and other conditions effecting the job;
- Records services to property owners noting extent of spraying operation, fees to be charged, and prepares and submits daily reports to Supervisor;
- Maintains, calibrates, and performs basic repairs on motorized, mechanical and application equipment;
- Orders and maintains inventory records of mosquito control chemicals;
- Unloads and stores chemicals shipped in for storage;
- Conducts mosquito treatment and experimental control including collecting specimens of mosquitoes for identification and testing and maintaining mosquito identification and West Nile virus records;
- Assists with training and supervision of seasonal applicators;
- Prepares informational pamphlets, educational materials, spreadsheets, and other related documents;

- Creates maps and graphics demonstrating property ownership, mosquito infestations, and other maps as required;
- Assists in other positions when needed, including truck driving and equipment operation.
- Performs all work duties and activities in accordance with County policies, procedures, and safety practices.

Other Duties and Responsibilities

- Performs duties of Supervisor in that employee's absence;
- Performs other duties as assigned.

Competency Requirements

Knowledge of:

- Applicable regulations and policies regarding safe work practices, including application of larvicides and pesticides;
- EPA guidelines and regulations;
- County geography and GPS mapping;
- Customer service skills;
- Operation of standard office equipment, personal computer, spreadsheet and word processing software, GPS mapping equipment, and GIS software;
- Supervisory practices and procedures;
- Safe operation of basic power and hand tools;
- Basic maintenance procedures on a motor vehicle;
- Safe and correct operation of pesticide application vehicles and equipment.

Ability to:

- Follow written and oral instructions;
- Identify mosquito species;
- Ability to work rotating shifts, including nights.
- Operate a motor vehicle, including four wheel drive trucks and ATVs;
- Operate, adjust, and monitor spraying equipment, including backpack blower and fogger;
- Train and supervise personnel in the safe operation of spraying equipment and chemical mixing;
- Maintain spraying records, logs, and documentation;
- Operate general shop hand and power tools;
- Operate a personal computer using program applications appropriate to assigned duties;
- Educate public regarding mosquito control programs and West Nile Virus;
- Read, interpret, and create road and topographic maps;
- Perform basic mathematical computations in determining percentages for chemical concentrations;
- Work in a potentially hazardous environment;
- Maintain a Idaho Professional Applicators license through re-certification;

- Communicate effectively with the public and other employees including in sensitive situations.

Acceptable Experience and Training

- High school diploma or GED equivalency is required and some knowledge of agriculture is preferred; and
- Two (2) years related work experience performing herbicide and/or pesticide application is required;
- Any equivalent combination of experience and training which provides the knowledge and abilities necessary to perform the work;

Special Qualifications

- Idaho Class A CDL drivers license is required;
- Forklift operator certification is required;
- Idaho Professional Applicators License (Laws and Safety, Public Health categories) is required.

Essential Physical Abilities

- Sufficient clarity of speech and hearing, with or without reasonable accommodation, which permits the employee to discern verbal instructions and communicate effectively in person and by telephone;
- Sufficient visual acuity, with or without reasonable accommodation, which permits the employee to comprehend written work instructions, labels, and package instructions;
- Sufficient manual dexterity, with or without reasonable accommodation, which permits the employee to operate a variety of applicator equipment, power and hand tools, make adjustments to equipment, operate standard office equipment and a personal computer, and operate a motor vehicle;
- Sufficient strength to lift objects in excess of 50 pounds;
- Sufficient body mobility, agility, and flexibility to perform maintenance and applicator operations and perform strenuous activities for extended periods of time in varied weather conditions.