

## Sequoia Union School

### IPM Plan

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#### INTRODUCTION

Pests are populations of living organism (animals, plants, or microorganism) that interfere with use of healthcare and other facilities for human purposes.

Integrated Pest Management (IPM) is an approach that establishes a sustainable approach to managing pests by combining biological, cultural, physical and chemical tools in a way that minimizes economic, health and environmental risks.

Sequoia Union School has adopted this Integrated Pest Management Plan for the buildings and grounds Sequoia Union School manages. The plan outlines procedures to be followed to protect the health and safety of staff, patients and visitors from pest and pesticide hazards. The plan is designed to voluntarily comply with policies and regulations promulgated by the Department of Agriculture for public buildings and health care facilities.

Objectives of this IPM plan include:

- Elimination of significant threats caused by pests to the health and safety of patients, staff and the public.
- Prevention of loss or damage to structures or property by pests.
- Protection of environmental quality inside and outside buildings.

This IPM plan will be stored in the office of the IPM Coordinator.

#### Jerry Line

The Chief Operating Officer (COO) or designee shall be Sequoia Union School IPM Coordinator and be responsible to implement the IPM plan and to coordinate pest management-related communications between Sequoia Union School, its landlords, service providers, staff and patients.

The COO shall designate an employee at each Sequoia Union School-managed facility to serve as the IPM Site Coordinator for the site.

#### Jerry Line

Sequoia Union School will maintain an IPM or other safety-related committee with responsibility for annual review of the IPM program and for assisting the IPM Coordinator in resolving pest-related issues. The committee will address IPM issues as needed and at least annually. Minutes

will be taken of committee meetings and kept on file by the IPM Coordinator. Membership will include the IPM Coordinator and IPM Site Coordinators, and may also include community members, health advocates, patients and representatives from the Maryland IPM program.

#### POSTING AND NOTIFICATION OF PESTICIDE APPLICATIONS

The IPM Coordinator shall be responsible to annually notify patients and guardians of the procedures for requesting notification of planned and emergency applications of pesticides in facility buildings and on facility grounds.

When pesticide applications are scheduled in Sequoia Union School managed buildings or on grounds, Sequoia Union School Service Providers and staff shall provide notification in accordance with law, including:

1. Posting a pest control information sign with the date, time and location of the application and the product applied in an appropriate area and including contact information for additional details.
2. Providing this information to all individuals working in the building.
3. Providing this information to all patients and guardians who have requested notification of individual applications of pesticides.

Where pests pose an immediate threat to the health and safety of patients or employees, Sequoia Union School may authorize an emergency pesticide application and shall notify by telephone any guardian who has requested such notification. Disinfectants, anti-microbials and self-contained or gel-type pesticide baits applied in inaccessible areas are exempt from posting, notification and the 7-hour reentry requirement.

#### RECORD KEEPING & PUBLIC ACCESS TO INFORMATION

Sequoia Union School will maintain records of all Service Provider visits and pest control treatments for at least three (3) years. Information regarding pest management activities will be made available to the public at the Sequoia Union Schools administrative office. Requests to be notified of pesticide applications may also be made to this office. All guardians will be informed of their option to receive notification of all pesticide applications at enrollment and once annually.

#### TRAINING

Sequoia Union staff will be provided with training on Sequoia Union schools IPM policy at hire and during annual update training. Training will include the rationale for the IPM policy and program and specific elements including use of the pest-sighting log and prohibition on pesticide applications by non-certified individuals.

Additionally, designated staff including the IPM Coordinator, IPM Site Coordinators and those who conduct regular inspections of Sequoia Union School facilities will receive advanced training on identifying pest infestations and pest-conducive conditions. This training will improve the ability of Sequoia Union staff to oversee Service Providers and Sequoia Union staff compliance with Sequoia Union schools IPM policy and plan.

### GENERAL IPM STRATEGIES

Pest management strategies may include education, exclusion, sanitation, maintenance, biological and mechanical controls, and pre-approved, site-appropriate pesticides.

An Integrated Pest Management decision at Sequoia Union School shall consist of the following steps:

1. Identify pest species.
2. Estimate pest populations and compare to established action thresholds.
3. Select the appropriate management tactics based on current on-site information.
4. Assess effectiveness of pest management.
5. Keep appropriate records.

Decisions concerning whether or not pesticides should be applied in a given situation will be based on a review of all available options. Efforts will be made to avoid the use of pesticides by adequate pest proofing of facilities, good sanitation practices, selection of pest-resistant plant materials, and appropriate horticultural practices.

When it is determined that a pesticide must be used in order to meet pest management objectives, the least-hazardous material, adequate for the job, will be chosen.

All pesticide storage, transportation, and application will be conducted in accordance with the requirement of the Federal Insecticide, Fungicide, and Rodenticide Act (7 United States Code 136 et seq.), Environmental Protection Agency regulations in 40 CFR, Occupational Safety and Health Administration regulations, Sequoia Union School policies and procedures, and local ordinances.

No person shall apply, store, or dispose of any pesticide on Sequoia Union School managed property without an appropriate pesticide applicator license. All pesticide applicators will be trained in the principles and practices of IPM and the use of pesticides approved for use by Sequoia Union School. All applicators must comply with the IPM policy and follow appropriate regulations and label precautions when using pesticides in or around Sequoia Union facilities.

Pest-specific strategies will be included in the IPM Program Specifications provided to each service provider.

### SEQUOIA UNION SCHOOL SERVICE PROVIDER ROLES

Sequoia Union School service providers including cleaning, pest control and landscape maintenance will be guided by written and signed contracts including Sequoia Unions developed IPM program specifications for structural pest control providers.

Service providers will be directed to provide special attention to pest-vulnerable areas including food storage, preparation and serving areas; washrooms; custodial closets; mechanical rooms and entryways into the building.

Service providers or other IPM experts will be asked to provide input on any Sequoia Union facility renovation or reconstruction projects including reviewing plans for pest-conducive

conditions, suggesting pest-proofing measures and inspecting construction where applicable to prevent and avoid pest problems.

#### SEQUOIA UNION STAFF ROLES

Sequoia Union administration will provide support to assist the IPM Coordinator in maintaining an IPM program that relies on minimal pesticide use. Such support will include efforts to promptly address any structural, horticultural, or sanitation changes recommended by the coordinator to reduce or prevent pest problems.

Furthermore, Sequoia Union administration will assist the Coordinator in developing and delivering materials and programs for staff, students, and the public to educate them about the importance of good sanitation and pest control.

The facility director is responsible for ensuring staff compliance with the IPM policy and plan, including the attached check list.

#### PEST-SPECIFIC STRATEGIES

The following strategies will be used for frequently encountered pests:

##### 1. ANTS

- a. Ants will be identified to species to aid in locating nesting sites, preferred food, habits and appropriate baits when necessary.
- b. Ants inside buildings will be cleaned up with soapy water, including the areas ants are traversing to eliminate any pheromone recruiting trail, which ants deposit to help other ants find the location of food and water sources.
- c. Maintenance will be informed and the opening providing entry for ants into the building will be located and repaired.
- d. Building and room occupants will be informed of any action they need to take to prevent future problems, e.g., cleaning up spilled food or drink more promptly or thoroughly, storing food in sealed containers, repairing leaking or dripping pipes or faucets, etc.
- e. If the above steps fail to correct the problem, the contractor will inform the IPM Coordinator and discuss additional steps, such as more extensive repairs, changes in the food policy, changes in exterior landscaping to remove ant habitat, or selection of least-toxic pesticide baits or gels, preferably in manufactured tamper-resistant bait stations placed in areas inaccessible to children or other building occupants.

ADD MORE PESTS AS APPROPRIATE. THE IPM INSTITUTE CAN ASSIST IN COMPLETING THE PLAN, CONTACT US FOR MORE INFORMATION.