

Sample School Integrated Pest Management Plan

1) General School Information

School Name: *Cobanacook Middle School*

Address: *10 Main St., Augusta, ME 04333*

Telephone Number: *207-222-2222*

E-Mail Address: *cobanschool@sad0.k12.state.me.us*

Plan Prepared By: *Iman Charge, Principal*

Date: *18 April 2012*

2) School IPM Coordinator

Name: *Kerr D. Nader*

Title: *Facilities Director*

Telephone Number: *207-222-2222 ext. 2*

E-Mail Address: *kdn@sad0.k12.state.me.us*

3) School IPM Committee or Team

School IPM Coordinator(Chair)

Facilities Director

Principal

Food Service Director

Head Custodian

School Nurse

Teacher

Student

PTO Representative

Pest Control Contractor

4) School IPM Policy

The Cobanacook Middle School desires to prevent unnecessary exposure to children and employees to pesticides and reduce the need to rely on pesticides when managing pests. It is the policy of Cobanacook Middle School to only use pesticides when pests have been identified and their presence verified. Selection of treatment options or corrective actions will give priority to least-risk actions whenever possible to provide the desired control of pests. Education of staff, students, employees, and

parents about IPM will be included to achieve desired objectives. When it is determined that pesticides are needed, only products registered for use in Maine will be used, and they will be used only in strict accordance with the product label. Further, only individuals properly licensed by the Maine Board of Pesticides Control will use pesticide products. Our policy prohibits the use of any pesticide by unlicensed staff except to control stinging insects that pose an imminent threat to human health on school grounds, or disinfectants used for routine cleaning. It will be this school policy to make the appropriate notification and posting as well as to keep records of all pesticide use and other pest control actions. A copy of our full School IPM Policy Statement and this School's IPM Plan will be maintained in the principal's office and available upon request.

5) School Pest Problem(s) Description

Cobanacook School has historically treated to control pavement ants, German cockroaches, bald-faced hornets, dandelions and knot weed. The locations in or around the school where these have been problematic are:

Pavement ants: kitchen, pantry, classrooms along the East Wing, the teachers room, and the boys' locker room.

House mice: kitchen, pantry, and basement.

German cockroach: kitchen, teachers room, under vending machines in cafeteria

Bald faced hornets: usually build nests in shrubs in front of main building, posing risks of stings from late summer until cold weather kills these hornets in late fall.

Dandelions: In all lawns.

Knot weed: spreading aggressively in the goal areas of the soccer field.

6) Inspection and Monitoring by School Staff

Annual Inspections: Our IPM Coordinator (along with pest management contractor and other appropriate school staff such as food service director, business manager, or head custodian) will perform a thorough inspection annually to identify problems and corrective actions needed to prevent and/or manage pest infestations.

The IPM Coordinator will provide the IPM Committee with an annual report identifying conditions that are contributing to our pest problems. The Committee will work with the Coordinator to plan and schedule corrective actions.

Regular Pest Monitoring: For current, recent, or likely pests, a monthly monitoring program to detect pest infestations will be established as follows:

Mice: Non-pesticide baited rodent traps in locked and secured stations in the pantry, kitchen, and basement checked and emptied daily while set.

Ants and Cockroaches: Sticky cardboard monitors will be replaced monthly under the sinks and dishwasher, along the south wall, and behind the ovens and vending machines to monitor for ants and cockroaches in the kitchen and cafeteria and under shelving units in the pantry.

All other pests: Monthly monitoring by visual inspection will be done by designated staff indoors during school year and outdoors during spring, summer and fall months.

Reporting: Monthly monitoring reports will be generated and kept on file by the IPM Coordinator.

Pest Sighting Log: Pest sighting sheets will be distributed to teachers and staff on which they may report pest activity sightings, including the identification of the pest (if known), number seen, other evidence (such as animal droppings), date, time, and location. A 3-ring binder holding the pest sighting report sheets will be kept in the main office in an accessible location. The IPM Coordinator will check for new pest sighting reports daily.

Pest Identification: When pests are detected, the specific identification of the pest will be obtained by the IPM Coordinator using professional resources such as University of Maine Cooperative Extension or other resources as necessary.

7) Inspection and Monitoring by Professional Pest Control Contractor

The IPM Coordinator will meet directly with the Pest Control Contractor every month to discuss monitoring reports. Bug Guy (Pest Control Contractor) will: 1) maintain and monitor crawling insect traps and rodent traps in the kitchen, pantry, and teacher's lounge monthly; 2) use most appropriate methods of inspecting and monitoring to detect pests and pest-conducive situations in kitchen, pantry and teacher's lounge monthly; 3) record pest monitoring records and inspection reports in the IPM Logbook at each visit; 3) write recommended remedial action to be taken by school staff at each visit; 4) discuss any appropriate pesticide application options, to be used in conjunction with other non-pesticide IPM methods, with IPM Coordinator before making any pesticide applications; 5) respond to pest sightings reported by school staff; 6) obtain positive identification of any pests found and 7) provide a complete service report to the IPM Coordinator at each visit.

Staff, teachers and students will be instructed on how to log pest complaints and be given a brief overview on pest identification and the conditions that promote the pests. Pamphlets and fact sheets will be made available at the time of training and or posted on bulletin boards in specific areas such as the cafeteria and teacher's lounge.

8) Pesticide Use and Storage

Bug Guy Company is our licensed pest control contractor (License. # 123456). Indoors, the only pesticides used are gel baits (MaxForce Roach Killer) EPA Registration Number 2243-188.

For emergency situations, Wasp Freeze 'Em' Dead EPA Registration Number 3344-789 will be used to control stinging insects. All school staff will be trained on emergency response to stinging insects and custodial staff will be trained on the safe and effective use of Wasp Freeze 'Em' Dead to destroy stinging insect nests that pose an imminent threat to the health of school occupants.

Bug Guy will get approval for each pesticide application. Before each pesticide treatment, Bug Guy will provide the MSDS and the product label to the IPM Coordinator. Unless the pesticide application is exempted, Bug Guy will provide to the IPM Coordinator: 1) the MSDS and product label, 2) documentation that the pest has been identified, 3) monitoring records showing that the number of that pest exceed acceptable limits, 4) a complete description of where, when and how the application will be made and 5) demonstration that non-pesticide control measures are impractical, ineffective or not affordable. Indoor applications of pesticides will be limited to baits, wall void or crack and crevice treatments, and pool and spa disinfectants unless the pest threatens the health and safety of persons in the building as determined by the IPM Coordinator. Unless exempted, pesticides will only be applied when parents and staff have been notified at least 5 working days in advance and required signs have been posted in a central location and at points of access to the treated area at least 2 working days in advance.

Pesticides will never be applied when people are in the same room to be treated except for baits blocks, pastes, or gels when only informed staff members are present. Children and unconsenting staff must not be present in the room when any pesticides are applied. When space, spot, surface or fumigation applications are conducted, the ventilation and air conditioning systems in the area will be turned off. Applications will be planned to occur on weekends or vacations to allow the maximum time for sprays to dry and vapors to dissipate.

Outdoor pesticide applications will be scheduled so as to allow the maximum time for sprays to dry and vapors to dissipate and shall not occur when unprotected persons are in the target area or such proximity as to likely result in unconsenting exposure to pesticides. Spot treatments, rather than broadcast treatments, will be used when appropriate.

Custodial staff will also receive annual training on the use and storage of disinfectants used for routine cleaning.

A copy of the product label and Material Safety Data Sheet for every pesticide product used or stored at the school will be kept in an accessible location in the main office and will be provided upon request.

All appropriate steps will be taken to ensure complete compliance with state laws prohibiting unlicensed persons from the use of all pesticide products, including products such as ant cups, insect sprays, weed killers, weed and feed lawn care products, on school properties except for emergency control of stinging insects and disinfectants used for routine cleaning.

9) Non-Chemical Pest Prevention and Management

Whenever practical, the Cobanacook Middle School will use non-chemical means to control or limit pests and to minimize the use of pesticides. Along with sanitation and maintenance actions to eliminate food, water, shelter and entryways for pests, non-pesticide traps will be used to reduce pests when practicable and effective. Proper cultural practices for minimizing impacts of weeds, plant diseases, and other pests outdoors on school grounds will also be employed.

Specific practices we will use to prevent pest problems are described on the attached checklist.

10) School IPM Program Evaluation

Our school IPM plan will be evaluated every three months and at least once a year. The IPM committee or team will meet with our pest control contractor to evaluate the effectiveness of the IPM program and to develop needed improvements.

11) School IPM Plan Location

A copy of our indoor and outdoor IPM plans (including diagrams and maps of managed areas), annual and quarterly evaluations, pest contractor recommendations, and pesticide use records will be kept on file in the main administration office.