

**Mattacheese Middle School**  
**INDOOR INTEGRATED PEST MANAGEMENT (IPM) PLAN**  
400 Higgins Crowell Road  
Yarmouth, MA 02673

---

**IPM Coordinator**

Sandra Cashen

**Primary Contact**Sandra Cashen, 508-398-7670, [cashens@dy-regional.k12.ma.us](mailto:cashens@dy-regional.k12.ma.us)

By signing the end of this indoor IPM plan, the IPM coordinator, Sandra Cashen, of this School and the Pest Management Professionals described above acknowledge, and agree to the terms of this INDOOR integrated pest management plan.

**A .INTRODUCTION**

In compliance with the Act Protecting Children and Families from Harmful Pesticides, Mattacheese Middle School on 10/12/2018 10:30:00 AM has prepared the following indoor IPM plan. By centralizing all of the information about this facility's pest management practices the plan serves as a guide to direct this facility's IPM coordinator, Sandra Cashen, about pest control and pesticide use.

This plan describes the pest management practices for indoor areas of the Mattacheese Middle School and clearly states its pesticide use policies.

A copy of the plan has been filed with the Massachusetts Department of Agricultural Resources (MDAR), and at least one printed copy must be kept on site and made available to the public upon request.

**Objectives**

The objectives of the integrated pest management program conducted at the Mattacheese Middle School are listed below.

- Reduce children's exposure to pesticides and pesticide residues whenever possible.
- Manage pests that may occur on facilities to prevent interference with the learning environment of the students.
- Provide the safest playing or athletic surfaces possible.

In light of these objectives, the Mattacheese Middle School has selected the following as its IPM policy statement:

**B.POLICY STATEMENT**

The Mattacheese Middle School strives to prevent unnecessary exposure to children and employees to chemical pesticides and reduce the need to rely on chemical pesticides when managing pests. It is the policy of Mattacheese Middle School to only use chemical pesticides when pests have been identified and their presence verified. We request that staff calling in to report a sighting or infestation save a specimen, to

verify prior to any treatment. Selection of treatment option or corrective actions will give priority to non-chemical 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. This will become the role of the IPM committee in each building. When it is determined that pesticides are needed, only those allowed by the Children's and Families Protection Act will be used. Further, only certified and/or licensed individuals will be able to use pesticides. In our district, the vendor with the contract to do this work is the Waltham Services Inc. Our policy prohibits the use of any pesticide by unlicensed staff. It will be this school policy to make the appropriate notification and posting as well as keep records of all pesticide use. A copy of the school IPM plan will be maintained in the principal's office and on the Maintenance website <http://www.dy-regional.k12.ma.us/district/facilities/pages/pest-management>.

#### **C. IPM COMMITTEE**

The tasks set before an IPM committee are to:

- Develop an IPM plan. The IPM plan is in essence, a document that describes the organization and implementation of IPM on school grounds.
- Evaluate progress of the IPM program.
- Communicate about IPM - Facilitate communication within the school about IPM practices.
- Assist in development of contract specifications.
- Provide notification to parents about pesticide use.

The INDOOR committee members selected for the Mattacheese Middle School are listed below:

- 1) Sandra Cashen (Indoor IPM Coordinator)
- 2) Sandra Cashen
- 3) Ann Coulte
- 4) Rooney Powers
- 5) Steven Faucher
- 6) Ann Knell

#### **D. COMMUNICATING IPM WITHIN THE FACILITY**

IPM Coordinator will meet directly with Pest Control Contractor, Waltham Services Inc. every month to cover monitoring reports. An initial meeting was held on December 1, 2013 to establish a pest activity log binder. Pest activity sheets, designed by the IPM coordinator and Waltham Services Inc. will be available online at <http://www.dy-regional.k12.ma.us/district/facilities/pages/pest-management>. The sheet will indicate identification of pest (if known), number seen, date, time, and location.

The school principal, will be responsible for notifying IPM Coordinator of logged complaints from staff. Pest Control Contractor's technician, will respond to the log

complaints. If any sanitation or structural or operation changes are noted, it will be written in the log along with remedial recommendation. Specific service reports will also be online that documents particular actions taken by Waltham Services Inc.

#### E. EDUCATION AND TRAINING OF FACILITY OCCUPANTS & STAFF

- 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. These training sessions will be approved by the district coordinator, and coordinated in the building by principal and the building IPM Committee. Pamphlets and fact sheets will be made available online at <http://www.dy-regional.k12.ma.us/district/facilities/pages/pest-management>. This information will focus on pest reduction strategies connecting people behavior such as over watering plants, feeding birds, keeping animals in the classrooms, and eating at desks to pest problems. More specific training will be held annually and separately for Maintenance and Housekeeping. This training will be approved by the IPM Coordinator. Waste Disposal Contractor, Cavossa, will be kept aware of the district's IPM policy the role they will be expected to play in the preventative maintenance policy. The training of the kitchen staff and their unique role in this IPM Program, will be developed by the district committee and overseen on the school level by the Food Service Director.
- Training content will cover pest-reporting procedures and pest prevention strategies such as sanitation.
- Yearly training seminar on IPM for all facility staff, or annual reminders sent to staff via email concerning IPM training.
- See information above
- See information above

#### F. INDOOR MONITORING

The IPM committee will evaluate the plan quarterly. When pests are present, Mattacheese Middle School has chosen an **INDOOR monitoring schedule that consists of monthly inspections**. When pests are absent the **INDOOR monitoring schedule will consist of monthly inspections**.

The following technique will be used to monitor for pests: The facility's contracted Pest Management Professional would conduct regular pest inspections and would then instruct the IPM coordinator as to the proper course of action.

#### G. COURSE OF ACTION TAKEN FOR INDOOR PESTS

The following pests have historically and/or currently been a problem at Mattacheese Middle School:

- Rats & Mice
- Ants
- Cockroaches

The School's IPM approach to managing the indoor pests includes the following actions:

**SCHOOL PEST DESCRIPTION**

The Mattacheese Middle School has historically observed pests such as ants, roaches, bees, wasps, mice and termites. Our contracted pest specialist, Waltham Services Inc., has identified these pests. The pests have been identified as carpenter ants, German cockroaches, and house mice, honeybees and termites. The presence of these pests occurs seasonally such as roaches in the fall. The presence of the roaches has been verified by visual inspection by school staff and our pest specialist. Mice have been observed in various locations from time to time and have been kept under control with periodic placement of glue traps and snap traps. Roaches have been observed in the school cafeteria. Carpenter ants have been observed in the gymnasium. Current controls have been reactive and somewhat effective. The school plans to set up a monitoring program using sticky traps to detect and pinpoint infestations or hot spots. The school's IPM committee will determine the "treatable" thresholds and report their findings to the District IPM coordinator.

**SCHOOL PEST LOCATION DETAILS**

See above

**SCHOOL PEST ACTIVITY**

See above

**MONITORING/INSPECTION**

See above

**ELIMINATING ACCESS**

See above

**ELIMINATING SOURCES OF FOOD AND WATER**

See above

**ELIMINATION OF SHELTER AND HARBORAGE**

See above

**NON-CHEMICAL CONTROLS**

Whenever practical, the Mattacheese Middle School will use non-chemical means to control or limit pests and to minimize the use of pesticides. Therefore, we have directed Waltham Services, Inc., to perform a thorough inspection and provide the IPM Committee with a report identifying conditions that are contributing to our ant, roach, termite and mouse problems. Also, sanitary/housekeeping deficiencies will be reported as well. Once this is done, a priority list will be generated to optimize a plan of corrective actions such as sealing openings with Mint Spray, caulk and copper mesh, repairing leaks and screens, reducing clutter, organizing stored goods off the floor and away from walls, and educating the staff about the problems that are the direct result of food, animals and plants in the classroom. Along with these actions, mechanical traps will be used to reduce pests.

**CHEMICAL CONTROLS**

PESTICIDE USE ATTESTATION:

Pesticides are only applied by a certified and/or licensed applicator.

Pesticides are used only when monitoring has shown that pests are present and when the use of the pesticide is justified or in the case of an emergency situation.

Only pesticides allowed under the Children's and Families' Protection Act are used indoors.

#### H. RECORD KEEPING

In the case of Mattacheese Middle School, INDOOR monitoring records will be maintained through the following technique: The use of forms which will be filled out by the person monitoring the facility

#### I. EVALUATING THE PROGRAM

The IPM committee will evaluate the plan quarterly .

#### J. IN THE EVENT OF A HEALTH EMERGENCY

During the creation of this IPM plan, Sandra Cashen has assigned committee member Ann Coulte with the responsibility of applying for an emergency waiver.

#### K. LIST OF PESTICIDES TO BE USED INSIDE THE FACILITY

The following list includes all the pesticides that will be used inside the Mattacheese Middle School. This list includes all herbicides, fungicides, and insecticides that will be used in the event that chemical is required.

Pesticide Name	Active Ingredient	EPA Registration #	Target Pest	Rationale for use
<b>Vendetta Cockroach Gel Bait</b>	Abamectin B1	499-496	cockroaches	public health
<b>Recruit HD</b>	noviflumuran	62719-608	termites	used if and when present
<b>Delta Dust</b>	Deltamethrin	432-772	varied Insects	public health
<b>Contrac with Lumitrack</b>	Bromodiolone	12455-133	rodents	public health
<b>Advance Dual Choice Ant Stations</b>	Abamectin	499-496	ant	nuisance control
<b>Advion Ant Gel</b>	Indoxacarb	100-1498	ants	nulsnace control

Indoor

First Strike Soft Bait Rodenticide	Difethialone	7173-258	rodents	public health
Tempo 1% Dust	Cyfluthrin	432-1373	varied Insects	public health
Essentria IC3	Plant Oils	25B	varied Insects	public health
Essentria D	Plant Oils	25B	varied Insects	public health
EcoExempt Jet	Plant Oils	25B	stinging Insects	public health
Eco Via EC	Plant Oils	25B	varied Insects	public health
Advion Cockroach Gel Bait	Indoxacarb	100-1484	cockroaches	public health
Recruit IV	noviflumuran	62719-453	termites	used if and when present

I attest, to the best of my knowledge, that the above information is complete, accurate and true

Sandra J. Cashen  
IPM Coordinator Signature

1.7.19  
Date

Ann P. Knell  
Administrator, Director, or Principal

10/26/18  
Date

Indoor IPM Plan originally submitted on: 2/1/2008 3:35:00 PM  
Plan updated by Sandra J. Cashen on: 10/12/2018 10:30:00 AM