

**Dennis-Yarmouth Regional High School**  
**INDOOR INTEGRATED PEST MANAGEMENT (IPM) PLAN**  
210 Station Avenue  
Yarmouth, MA 02664

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**IPM Coordinator**

Sandra Cashen

**Primary Contact**

Sandra J. 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, Dennis-Yarmouth Regional High School on 10/12/2018 10:32:00 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 Dennis-Yarmouth Regional High School and clearly states it's 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 Dennis-Yarmouth Regional High 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 Dennis-Yarmouth Regional High School has selected the following as it's IPM policy statement:

**B.POLICY STATEMENT**

The Dennis-Yarmouth Regional High 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 Dennis-Yarmouth High 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 on the Maintenance website <http://www.dy-regional.k12.ma.us/district/facilities/pages/pest-management> and pest log information. A hard copy of the plan will be available in the main office also.

#### **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 Dennis-Yarmouth Regional High School are listed below:

- 1) Sandra Cashen (Indoor IPM Coordinator)
- 2) Ann Couite
- 3) Rooney Powers
- 4) Steven Faucher
- 5) Tony Morrison
- 6) Sandra Cashen

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

IPM Coordinator will meet directly with Waltham Services, Inc., Pest Control Contractor every month to cover monitoring reports. An initial meeting was held on December 1, 2013, to establish a pest activity log binder. The log binder will be kept on the maintenance website <http://www.dy-regional.k12.ma.us/district/facilities/pages/pest-management>.

The school principal will be responsible for notifying the IPM Coordinator of logged complaints from staff - these are done through our Schooldude work order system. Waltham Pest Control Contractor 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 be maintained on the maintenance website <http://www.dy-regional.k12.ma.us/district/facilities/pages/pest-management>.

#### 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 IPM Committee, and educational information will be available on website. 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 Committee. Waste Disposal Contractor, 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 school principal and 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, Dennis-Yarmouth Regional High 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 Dennis-Yarmouth Regional High School:

- **Rats & Mice**
- **Ants**
- **Cockroaches**

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

**SCHOOL PEST DESCRIPTION**

The Dennis -Yarmouth Regional High has historically observed pests such as ants, roaches, and mice and termites. Our contracted pest specialist, Waltham Services, has identified these pests. The pests have been identified as carpenter ants, German cockroaches, and house mice 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 Dennis-Yarmouth Regional High School will use non-chemical means to control or limit pests and to minimize the use of pesticides. Therefore, we have directed Waltham Services technician, 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 treating openings with 25B 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 Dennis-Yarmouth Regional High 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 J. Cashen has assigned committee member Steven Faucher with the responsibility of applying for an emergency waiver.

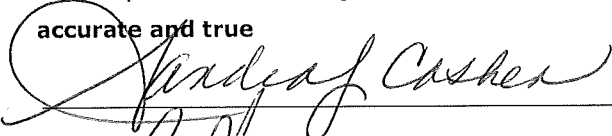
**K. LIST OF PESTICIDES TO BE USED INSIDE THE FACILITY**

The following list includes all the pesticides that will be used inside the Dennis-Yarmouth Regional High School. This list includes all herbicides, fungicides, and insecticides that will be used in the event that chemical is required.

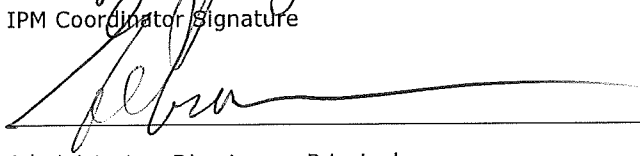
Pesticide Name	Active Ingredient	EPA	Target Pest	Rationale for use
		Registration #		
Recruit IV AG	noviflumeron	62719-453	termites	used when and if present
First Strike Soft Bait Rodenticide	Difethialone	7173-258	rodents	public health
Vendetta Cockroach Gel Bait	Abamectin B1	499-496	cockroaches	public health
Essentria D	Plant Oils	25B	varied insects	public health
Eco Via EC	Plant Oils	25B	varied insects	public health
Recruit HD	noviflumuran	62719-608	termites	used when and if present

<b>EcoExempt Jet</b>	Plant Oils	25B	varied insects	public health
<b>Contrac with Lumitrack</b>	Bromodiolone	12455-133	rodents	publiic health
<b>Delta Dust</b>	Deltamethrin	432-772	varied insects	public health
<b>Recruit IV</b>	noviflumuran	62719-453	temites	nuisance control
<b>Advance Dual Choice Ant Stations</b>	Abamectin	499-496	ants	nuisance control
<b>Advion Ant Gel</b>	Indoxacarb	100-1498	ants	nuisance control
<b>Tempo 1% Dust</b>	Cyfluthrin	432-1373	varied insects	public health

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

  
\_\_\_\_\_  
IPM Coordinator Signature

10, 15, 18  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Administrator, Director, or Principal

10, 15, 18  
\_\_\_\_\_  
Date

Indoor IPM Plan originally submitted on: 2/1/2008 3:29:00 PM  
Plan updated by Sandra J Cashen on: 10/12/2018 10:31:00 AM