

Nathaniel H. Wixon Middle School
INDOOR INTEGRATED PEST MANAGEMENT (IPM) PLAN
901 Route 134
Dennis, MA 02660

IPM Coordinator

Sandra Cashen

Primary Contact

Sandra Cashen , 508-398-7670, 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, Nathaniel H. Wixon Middle School on 10/12/2018 11:11:00 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 Nathaniel H. Wixon Middle 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 Nathaniel H. Wixon 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 Nathaniel H. Wixon Middle School has selected the following as it's IPM policy statement:

B.POLICY STATEMENT

The Nathaniel H. Wixon Middle School desires 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 the Nathaniel H. Wixon Middle School to only use chemical pesticides when pests have been identified and their presence verified. 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. 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 Waltham Services Inc. Our policy prohibits the use of any pesticide by an unlicensed staff. It will be this schools 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 a hard copy will be maintained in the main office.

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 Nathaniel H. Wixon Middle School are listed below:

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

D. COMMUNICATING IPM WITHIN THE FACILITY

IPM Coordinator for the district), will meet directly with Pest Control Contractor from 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. The log binder will be kept electronically on the facility website of the district. The sheet will indicate the identification of pest (if known), number seen, date, time, and location.

The principal, will be responsible for notifying IPM Coordinator of logged complaints from staff by a phone call or our SchoolDude work order system. Waltham Services Inc., 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 also be online.

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. Pamphlets and fact sheets will be made available on the facility website of the district. 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 IPM Coordinator. The waste disposal contractor, will be kept aware of the districts IPM policy and 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 Coordinator.
- 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, Nathaniel H. Wixon 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 Nathaniel H. Wixon Middle School:

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

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

SCHOOL PEST DESCRIPTION

The Nathaniel H. Wixon Middle School has historically observed pests such as ants, roaches, termites, hornets and mice. Our contracted pest specialist, Waltham Services Inc. has identified these pests. The pests have been identified as carpenter ants, German cockroaches, and house mice, wasps 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 the cafeteria and kitchen and in various locations where there is food present. Roaches have been observed in the school cafeteria. Carpenter ants and termites have been observed in the auditorium. Wasps have been observed around the dumpsters in the warm weather. Current controls have been reactive and somewhat effective. The school plans to set up a monitoring program using sticky traps, snap traps and routine inspections to detect and pinpoint infestations or hot spots. Reports will be generated and sent to Sandra Cashen the district's IPM coordinator and will be posted online.

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 Nathaniel H. Wixon Middle School will use non-chemical means to control or limit pests and to minimize the use of pesticides. Therefore, we have directed Waltham Chemical to perform a thorough inspection and provide the IPM Committee with a report identifying conditions that are contributing to our ant, roach, and mice 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 caulk and copper mesh, repairing leaks and screens, reducing clutter, organizing stored goods off the floor and away from walls. 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 Nathaniel H. Wixon 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 Couite with the responsibility of applying for an emergency waiver.

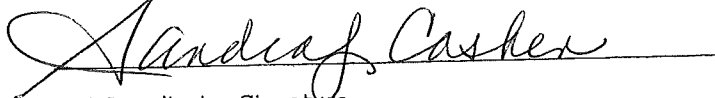
K. LIST OF PESTICIDES TO BE USED INSIDE THE FACILITY

The following list includes all the pesticides that will be used inside the Nathaniel H. Wixon 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		Target Pest	Rationale for use
		Registration #			
Tempo 1% Dust	Cyfluthrin	432-1373		varied insects	public health
Essentria D	Plant Oils	25B		varied insects	public health
First Strike Soft Bait Rodenticide	Difethialone	7173-258		rodents	public health
Delta Dust	Deltamethrin	432-772		varied insects	public health
Advance Dual Choice Ant Station	Abamectin	499-496		ants	nuisance control
Essentria IC3	Plant Oils	25B		varied insects	public health
Recruit HD	noviflumuran	62719-608		termites	if and when present
Vendetta Cockroach Gel Bait	Abamectrin B1	499-496		cockroaches	public health
Recruit IV	noviflumuran	62719-453		termites	if and when present

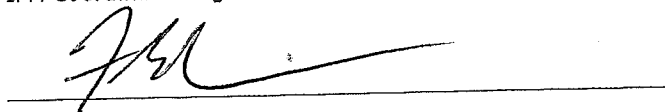
EcoExempt Jet	Plant Oils	25B	stinging insects	public health
Eco Via EC	Plant Oils	25B	varied insects	public health
Advion Ant Gel	Indoxacarb	100-498	ants	nuisance control
Advion Cockroach	Indoxacarb	100-1484	cockroaches	public health
Contrac with Lumitrack	Bromodiolone	12455-133	rodents	public health

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


IPM Coordinator Signature

10/25/18

Date


Administrator, Director, or Principal

10/12/18

Date

Indoor IPM Plan originally submitted on: 2/1/2008 3:34:00 PM

Plan updated by Sandra J. Cashen on: 10/12/2018 11:11:00 AM