

# King Philip Middle School INDOOR INTEGRATED PEST MANAGEMENT (IPM) PLAN

18 King St  
Norfolk, MA 02056

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## **IPM Coordinator**

Joseph Zahner Jr

## **Primary Contact**

Larry Azer, 508-520-7991, azerl@kingphilip.org

King Philip Middle School employs Joseph F Zahner Jr, an on-site certified and/or licensed pesticide applicator (certification/license #: 42139) who may be called on to manage all or some of the necessary INDOOR pest problems that may arise.

In addition, this School has a contract with

- Scot Hilt of Terminix, 800-837-6469.

By signing the end of this indoor IPM plan, the IPM coordinator, Joseph Zahner Jr, 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, King Philip Middle School on 9/3/2019 11:43:00 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, Joseph Zahner Jr , about pest control and pesticide use.

This plan describes the pest management practices for indoor areas of the King Philip 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 King Philip 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 King Philip Middle School has selected the following as it's IPM policy statement:

## **B.POLICY STATEMENT**

Structural and landscape pests can pose significant problems for people and property. Pesticides can pose risks to people, property, and the environment. It is therefore the policy of this school to incorporate Integrated Pest Management (IPM) procedures for control of structural and landscape pests. The objective of this program is to provide necessary pest control while minimizing pesticide use.

#### **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 King Philip Middle School are listed below:

- 1) Joseph Zahner Jr (Indoor IPM Coordinator)
- 2) Larry Azer
- 3) Joe Zahner
- 4) Tom Lawler
- 5) Mark Belanger

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

The Pest Management Professional communicates with the IPM coordinator of the facility. The IPM coordinator then posts this information in a common viewing area dedicated to the subject of integrated pest management.

Staff/Students communicate in writing with an administrator who then passes the information onto the IPM coordinator when necessary.

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

- IPM training will be provided to custodial and grounds staff, food service staff, athletic director, and administrator staff.
- Training covers pest prevention strategies and pest reporting procedures. Threshold limits are discussed and understood.
- Training for IPM committee members and above departments is on a yearly basis. The meeting is held in September, and explains progress and improved procedures.
- The training will be presented by Joseph Zahner Jr and our representative from Terminix. IPM procedure and prevention will be discussed. Training is evaluated based on the mutual understanding of how this pest management plan operates.
- Students must eat lunches in the cafeteria. Recycling of all drink containers is encouraged throughout the building, and emptied weekly. The faculty room waste baskets are emptied daily. No food is permitted in auditorium or gymnasium. All outdoor events have proper waste receptacles.

## **F. INDOOR MONITORING**

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

The following technique will be used to monitor for pests: Reports from facility personnel (pest reporting forms) would prompt the IPM coordinator to contact the facility's Pest Management Professional who would then conduct a facility audit.

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

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

- **Ants**
- **Stinging Insects**

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

### **SCHOOL PEST DESCRIPTION**

Ants-small and mid size on occasion. Stinging insects- yellow jackets, and wasps of various sizes

### **SCHOOL PEST LOCATION DETAILS**

Ants have been found in the kitchen area periodically, near the boiler room, and outside the courtyard doors. Any areas where present are cleaned right away and monitored. Stinging insects have been found in classroom unit vents facing the sun or in classroom by courtyard.

### **SCHOOL PEST ACTIVITY**

Ants in any food storage area are removed and cleaned right away. The area is inspected for food and floors are washed. Stinging insects are acted upon immediately and removed. The threshold limit for stinging insects is 1 and it is removed to avoid injury.

### **MONITORING/INSPECTION**

Monitoring is done by the custodian staff. Visual checks on areas where pests are present takes place daily. Teachers and administrators report any pests to the buildings head custodian.

### **ELIMINATING ACCESS**

All exterior doors have sweeps on the bottom and close tightly. Areas where ants have been found are monitored and cleaned daily. Bees nests are knocked down and removed as soon as possible when risk to students and staff is the lowest. (Night time)

### **ELIMINATING SOURCES OF FOOD AND WATER**

The building is cleaned throughout the day and at night. Any drink spills and food are cleaned and mopped daily. Teachers are asked not to leave food in their classrooms.

### **ELIMINATION OF SHELTER AND HARBORAGE**

Garbage liners are replaced daily and all drains are flushed. Areas where pests were present are cleaned.

**NON-CHEMICAL CONTROLS**

Ants have been swept up, vacuumed, or caught in a bait station. All areas are washed after a problem is resolved. Bees have been caught with mechanical measures (hat, book, fly swat, etc) and nests have been knocked down with a pole or vacuum.

**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 King Philip 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 semiannually .

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

During the creation of this IPM plan, Larry Azer has assigned committee member Joseph Zahner Jr with the responsibility of applying for an emergency waiver.

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

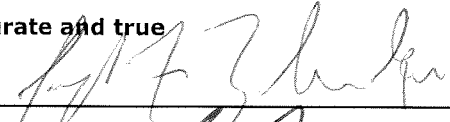
The following list includes all the pesticides that will be used inside the King Philip Middle School. This list includes all herbicides, fungicides, and insecticides that will be used in the event that chemical is required.

Pesticide Name	Active Ingredient	EPA		Rationale for use
		Registration #	Target Pest	
<b>Advance</b>	N-Ethyl	499-459	Ants	amount of pest exceeds action threshold value
<b>Dual Choice</b>	Perfluorooctanesulfonamide			
<b>Spectracide</b>	Prallethrin 0.025% Cyhalothrin 0.010%	Lambda 9688-190- 8845	Wasps Hornets	exceeds action

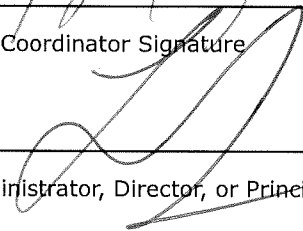
Bees threshold.  
Safety  
threat to  
students  
and staff  
Ants removal of  
ants when  
exceed  
threshold  
values

**Ant and** Pyrethrins 0.05% 36488-46  
**Roach spray** Potassium salts fatty acids  
1% D-limonene 1% ethyl-  
alcohol SDA-3c 5-10%

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

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

9, 5, 2019  
Date

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

9, 4, 19  
Date

Indoor IPM Plan originally submitted on: 2/16/2016 4:22:00 PM  
Plan updated by Joseph Zahner Jr on: 9/3/2019 11:43:00 AM