Sutton Public Schools
INDOOR INTEGRATED PEST MANAGEMENT (IPM) PLAN
383 Boston Rd
Sutton, MA 01590

IPM Coordinator
Roger Raymond

Primary Contact
Theodore Friend, 508-581-1600, Friendt@suttonschools.net

Sutton Public Schools employs Ryan Anderson, an on-site certified and/or licensed pesticide applicator (certification/license #: 44884) 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

- Ryan Anderson of Ford's Hometown Services, 800-649-9992.

By signing the end of this indoor IPM plan, the IPM coordinator, Roger Raymond, 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, Sutton Public Schools on 6/13/2018 5:27:00 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, Roger Raymond, about pest control and pesticide use.

This plan describes the pest management practices for indoor areas of the Sutton Public Schools 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 Sutton Public Schools 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 Sutton Public Schools 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 Sutton Public Schools are listed below:
1. Roger Raymond (Indoor IPM Coordinator)
2. Charlie Petry
3. Samantha DeAngelo

D. COMMUNICATING IPM WITHIN THE FACILITY

Sutton Public Schools will take responsibility to notify the staff, parents, and students of upcoming pesticide applications. Notices will be posted and notification forms will be sent home to parents, or an electronic Email format maybe used, or the reverse 911 (community notification systems) providing a 72-hour notice of pesticide application, where necessary, according to the Act guidelines.

Staff/Students communicate with their supervisors or teachers who then pass information onto the IPM coordinator.

E. EDUCATION AND TRAINING OF FACILITY OCCUPANTS & STAFF

- Food service workers custodians maintenance staff
- Specific training has been provided to food service staff, and custodial and maintenance personnel, on how to log pest complaints and conditions to avoid that promote pest problems.
- Training updates will be held on an annual basis.
- Training of staff will be provided by the pest management company on contract with the Sutton School system. This company is Ford’s Hometown Services.
- Students must eat lunches only within the designated areas of the school.

F. INDOOR MONITORING

The IPM committee will evaluate the plan annually. When pests are present, Sutton Public Schools has chosen an INDOOR monitoring schedule that consists of
weekly 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 Sutton Public Schools:

- Ants
- Wood Damaging Pests
  - Small brown ants are a re-occurring problem. Flies and bees are a problem when the weather gets warm and windows and doors are opened more frequently. A few mice have been caught in the elementary/ELC kitchen and classrooms this year. Appropriate glue traps and bait stations were applied by the pesticide company. The pesticide company continues to maintain the rat bait boxes and snap traps. Nothing has been found inside, but there have been reports of people seeing one outside the buildings. We have caught 1 bat during the past year in the early learning building.
- Mosquitoes & Flies
- Rats & Mice

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

SCHOOL PEST DESCRIPTION
Ants - small brown ants Flies - filth flies Mice - field mice - have caught a few in the elementary kitchen, and classrooms, Flying Ants (carpenter ants)-elementary kitchen Bees - yellow jackets, hornets, randomly in classrooms, usually rooms with south facing walls Rat - seen on outside of buildings. Bat - small brown

SCHOOL PEST LOCATION DETAILS
Most of the ants have been where people have been eating food such as the cafeteria and teachers lounge in Elementary and High Schools. A few classrooms in all buildings: ELC, Elem, MS, HS have had ants, usually associated with dropped food. Random student lockers have had ant problems where a lunch had been left or spilled. Bees have been in the south facing rooms of elementary building and high school TV room during the spring and fall season. A rat was caught in maintenance garage last fall 2017. A bat was caught flying in the main center hallway.

SCHOOL PEST ACTIVITY
We will get calls about ants when people see about 20 or more on the floors, however not many are being found in the ant traps. Fruit Flies were a problem for a few weeks in the elem building 2nd flr. Have caught a few mice on glue boards in the elementary kitchen storage areas. The bait boxes have evidence that mice have been eating the bait blocks. We get calls on bees during the spring and fall with the classrooms on the south side walls. They are usually
seen entering the small cracks in cement or outside nest on windows. Anytime a mouse, rat, bat, or bird is seen the maintenance department is notified immediately.

**MONITORING/INSPECTION**
All pest listed above are monitored by the Ford’s Hometown Services once a month. All traps, enclosed bait, and glue boards are examined each month and replaced if any activity is found. Ant gel is applied when needed.

**ELIMINATING ACCESS**
Better cleaning methods by the custodians are being implemented to deter ants, flies and mice from entering the building. Asking faculty to help clean areas of spilled food during the day before custodians perform routine cleaning at night. Asked faculty to store food in closed plastic containers especially in classrooms. Ant gel was placed around the door entrances in the areas where ants were found, and along the adjacent walls. Rat bait stations have been placed outside the building where rats have been seen. Maintenance removes the outside bee nest and fills wall cracks where ever possible. Maintenance and Fords Services will fill cracks with copper mesh and then patch the suspected areas.

**ELIMINATING SOURCES OF FOOD AND WATER**
We are stressing that eating of food is limited to cafeteria. Food and drink spills are cleaned immediately or on a daily basis. Have asked teachers to help clean their rooms when a party is held for a special holiday/occasions, and not leave anything behind.

**ELIMINATION OF SHELTER AND HARBORAGE**
We are clearing storage areas of old/broken/unused school equipment and areas around outside trash dumpsters to prevent these pest from trying to make a new home.

**NON-CHEMICAL CONTROLS**
We are washing the floors more often, and not allowing trash to accumulate. The dumpster areas outside the school are being cleaned more frequently.

**CHEMICAL CONTROLS**

**PESTICIDE USE ATTESTATION:**

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

**H. RECORD KEEPING**

In the case of Sutton Public Schools, INDOOR monitoring records will be maintained through the following technique: The Sutton Public School’s IPM program will be evaluated once a year. The IPM team will meet with the pest management company professional to evaluate the success or failure of the program every three months. Inspections of each school will be performed on a monthly basis.

**I. EVALUATING THE PROGRAM**

The IPM committee will evaluate the plan annually.

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

During the creation of this IPM plan, Theodore Friend has assigned committee member Roger Raymond 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 Sutton Public Schools. This list includes all herbicides, fungicides, and insecticides that will be used in the event that chemical is required.

<table>
<thead>
<tr>
<th>Pesticide Name</th>
<th>Active Ingredient</th>
<th>EPA Registration Target #</th>
<th>Pest</th>
<th>Rationale for use</th>
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<tbody>
<tr>
<td>Advion ant bait</td>
<td>Indoxacarb</td>
<td>352-746</td>
<td>ants</td>
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<tr>
<td>Perma-Dust</td>
<td>Boric acid</td>
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<td>ants</td>
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<tr>
<td>Pressurized</td>
<td></td>
<td>35-3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PermaDust</td>
<td>Boric Acid</td>
<td>499-384</td>
<td>ants, cockroaches</td>
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<td>Advance ant bait</td>
<td>sodium tetraborate</td>
<td>499-492</td>
<td>ants</td>
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<td>ant bait 388b</td>
<td>decahydrate</td>
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<tr>
<td>Gourmet Ant Bait</td>
<td>Inorganic Borates</td>
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<td>ants</td>
<td></td>
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<tr>
<td>Delta Dust</td>
<td>Deltamethrin</td>
<td>432-772</td>
<td>ants, bees, lice, silverfish, ticks</td>
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<td>Bromadiolone</td>
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<td>mice</td>
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<td>81824</td>
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<td>phenethyl propionate</td>
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<td>ORTHOBORIC ACID</td>
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<tr>
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<td>Imidacloprid</td>
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<table>
<thead>
<tr>
<th>Product</th>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Species</th>
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<td>ic2 oils</td>
<td>disodium octaborate</td>
<td>73766-1</td>
<td>ANTS, COCKROACHES</td>
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<tr>
<td>Gourmet ant Bait Gel</td>
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<td></td>
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<tr>
<td>Suspend Sc</td>
<td>Deltamethrin</td>
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<td>INSECTS</td>
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<td>tempo dust</td>
<td>cyfluthrin cyano-2</td>
<td>432-1373</td>
<td>ANTS, COCKROACHES, BEES, WASPS</td>
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<tr>
<td></td>
<td>dimethycyclopropane-carboxylate</td>
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</tr>
</tbody>
</table>

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

IPM Coordinator Signature

Administrator, Director, or Principal

Indoor IPM Plan originally submitted on: 5/9/2006 10:26:00 AM
Plan updated by Roger Raymond on: 6/13/2018 5:27:00 AM