

Monomoy Regional High School
OUTDOOR INTEGRATED PEST MANAGEMENT (IPM) PLAN
75 Oak Street
Harwich, MA 02645

IPM Coordinator

Rick Travers

Primary Contact

Rick Travers, 508-400-5410, rtravers@monomomy.edu

This School has a contract with

- John Doane of Cape Cod Mosquito Control Project, 508-775-1510.

By signing the end of this outdoor IPM plan, the IPM coordinator, Rick Travers, of this School and the Pest Management Professionals described above acknowledge, and agree to the terms of this OUTDOOR integrated pest management plan.

A. INTRODUCTION

In compliance with the Act Protecting Children and Families from Harmful Pesticides the Monomoy Regional High School on 1/25/2024 12:23:00 PM has prepared the following outdoor IPM plan about pest control and pesticide use.

This plan describes the pest management practices for outdoor areas of Monomoy 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.

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, Rick Travers

Objectives

The objectives of the integrated pest management program conducted at the Monomoy 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 Monomoy Regional High School has selected the following as its IPM policy statement.

B. POLICY STATEMENT

Keeping the building as clean as possible. Picking up any disguard food, crumbs, etc. ASAP

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 OUTDOOR committee members selected for the Monomoy Regional High School are listed below:

- 1) Rick Travers (Outdoor IPM Coordinator)
- 2) Rick Travers

D. COMMUNICATING IPM WITHIN THE FACILITY**Pest Management Personnel to Building Staff:**

The Pest Management Professional communicates with the IPM coordinator of the facility. The IPM coordinator then passes this information onto an administrative assistant who decides how the information will be distributed throughout the facility.

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

Teachers, support staff such as custodians, cafeteria staff, and maintenance workers. Training content will focus on pest reduction strategies correcting people's behavior such as over watering plants and eating at desks, which contribute to pest problems. Training programs will be held annually. Training will be conducted by the building Principal or his/her designee. The IPM Coordinator will request pamphlets and fact sheets for distribution at the time of training. 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.

F. OUTDOOR MONITORING

The IPM plan will follow a Annually evaluation schedule. When pests are present, Monomoy Regional High School has chosen an **OUTDOOR monitoring schedule that consists of Quarterly inspections**. When pests are absent the **OUTDOOR monitoring schedule will consist of Quarterly 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 OUTDOOR PESTS

Outdoor property includes the turf, landscaping, and the outdoor grounds such as building exterior, playground equipment, etc.. Monomoy Regional High School has prepared maps of the outdoor facility and identified the following priority areas for maintenance:

Turf

Athletic fields: Baseball, football, Soccer, Field Hockey/Softball and the lawn area directly around the school. A synthetic turf track and field is located near the concession stand.

OutdoorGrounds

Exterior perimeter within five feet of structure.

The following pests have historically and/or currently been a problem at Monomoy Regional High School:

TURF PESTS	LANDSCAPING AND PLANT PESTS	OUTDOOR GROUNDS PESTS
Weeds Dandelions, plaintains, ground ivy, cinquefoil		Insects observed in and around outdoor grounds of school property. Mosquitoes & Flies
Other None.		Other

TURF MANAGEMENT PLAN

The following areas are priority areas for maintenance: Athletic fields: Baseball, football, Soccer, Field Hockey/Softball and the lawn area directly around the school. A synthetic turf track and field is located near the concession stand.

Cultural Practices

Mowing:

The athletic fields are mowed at least weekly during the growing season. The mowing height is set at between 1 1/2 and 2 inches. The clippings are not collected and removed.

Aeration:

Not done.

Water Management:**Fertilization:**

To be determined. The grounds are under construction. No established program at this time.

Equipment Maintenance:

To be determined. The grounds are under construction. No established program at this time.

Turfgrass diseases

Describe the monitoring technique you used for the pests above.

Provide information on how you diagnosed the pests above.

Provide details on the non-chemical control measures have you taken to manage the pests above.

Describe any alternative management or biological strategies being used or planned to be used, if any.

If you use fungicides, describe your rationale for using them for the pests above.

Insects/pests under the soil or root zone

Surface and/or thatch pests

Other Turf Pest Problems

Describe the monitoring technique you used for the pests above.
None.

Provide information on how you identified the species of pests above.

None.

Provide details on the non-chemical control measures have you taken to manage the pests above.

None.

Describe any alternative management or biological strategies being used or planned to be used, if any.

None.

If you use insecticides, describe your rationale for using them for the pests above.

None.

Weeds

Dandelions, plaintains, ground ivy, cinquefoil

Describe the monitoring technique you used for the pests above.

Periodic visual inspection of the athletic fields and recording of observations.
Reporting by athletic Director and coaches.

Provide information on how you identified the species of pests above.

In general, the field maintenance staff has been trained to identify the weeds that occasionally affect our fields.

Provide details on the non-chemical control measures have you taken to manage the pests above.

We have not employed any alternative methods of managing the broadleaf weed problem we only occasionally experience.

Describe any alternative management or biological strategies being used or planned to be used, if any.

We have experimented with adjusting the mowing height to encourage the grass to overtake the weeds.

If you use herbicides, describe your rationale for using them for the pests above.

Herbacides are used sporadically and sparingly to maintain healthy turf growth and to prevent weed encroachment on infields and base paths.

Pesticide

Product Name	Active Ingredient	EPA Registration Number	Target Pest	Rationale for use
Quick Pro	Glyphosate / Diquat dibromide	524-535	Weeds	Control
Merit 0.2	Imidacloprid	432-1349-10404	Weeds	Control
Prosecutor		228-366-10404	Weeds	Control
Dimension 0.10%		10404-85	Weeds	Control
ACE/DIM		26-0-5	weeds	Control
70AB7CA		26-0-10	weeds	Control

- Herbicides are only applied by a certified and/or licensed applicator.
- Herbicides are applied as a spot treatment when appropriate.
- Selective insecticides are used where possible instead of broad spectrum insecticides.
- Herbicide Use is documented in the **STANDARD WRITTEN NOTIFICATION FORM**.

OUTDOOR MANAGEMENT PLAN

The following areas are priority areas for maintenance: Exterior perimeter within five feet of structure.

Cultural Practices**OUTDOOR GROUNDS GENERAL MANAGEMENT PRACTICES****Waste Disposal (trash containers and dumpsters):**

The dumpsters are emptied every day when school is in session and 3 times per week during school vacations. Dumpsters are cleaned once per year by the waste disposal company. The areas surrounding the dumpsters are kept clean by the custodial staff at all times.

Light Management:

Lighting will be adjusted if recommended by pest control provider.

Excess Water Prevention:

Excess water prevention strategies will be discussed with pest control provider if needed.

Noxious Weed Management:

Facility staff will monitor exterior areas and determine what measure should be taken if needed.

Playgrounds (if applicable):

Practice field will be monitored frequently during warmer weather. Any potential pest issues will be reported to pest control provider. When applicable an irrigation system is used to water the lawns early in the morning 2-4 times per week during the growing season. It has it's own well which provides water to this automated system.

Nuisance weeds in pavement:

Facility staff will monitor exterior areas and determine what measure should be taken if needed.

Storage Sheds (If applicable):

Not applicable

Insects observed in and around outdoor grounds of school property.

Mosquitoes & Flies

Pests

Mosquitoes & Flies

Insects in playground area (if applicable)**Describe the monitoring technique you used for the pests above.**

Personnel from Cape Cod Mosquito Control Project will monitor stagnant water,

including catch basins, on a regular basis between April and October. When larval levels reach the action threshold, a category four laticide will be used for treatment. No applications would be made while children were present on school property.

Provide information on how you identified the species of the pests above.

Personnel from Cape Cod Mosquito Control Project will identify.

Provide details on the non-chemical control measures you have taken to manage the pests above.

none

If you use insecticides, describe your rationale for using them for the pests above.

Safety purposes. When larval levels reach the action threshold, a category four laticide will be used for treatment.

Pesticide	EPA			
Product	Active	Registration	Target	Rationale
Name	Ingredient	Number	Pest	for use
Tempo 1%	Cyfluthrin	132-1372	Insects	pest elimination
Termidor SC	Fipronil	7969-210	Termites	pest elimination
Weatherblox	Brodifacoum	100-1055	Rodents	pest elimination
	Technical			
Vectorex WSP	Bacillus spaericus	275-77	Mosquitoes	Safety
Weatherblox	Brodifacoum	100-1055	Rodents	Pest Control
	Technical			
Termidor	Fipronil	7969-210	Termites	Pest Control
Tempo 1%	Cyfluthrin	132-1372	Insects	Pest Control
CB-80	Pyrethrins	279-3393	Insects	Pest Control
Ditrac	Diphacinone	12455-56	Rodents	Pest Control
Final All	Brodifacoum	12455-89	Rodents	Pest Control
Weather				
Final Soft bait	Brodifacoum	12455-139	Rodents	Pest Control
Frist Strike Soft Difethialone bait		7173-258	Rodents	pest elimination
Generation Mini Difethialone Blox		12455-56	Rodents	pest elimination
Mother Earth	Diatomaceous Earth	499-509	Insecticide	pest elimination
One Guard	Lambda-cyhalothrin	1021-2807	Mosquitoes	pest elimination
Onslaught	(s)-cyano (3-phenoxyphenyl)	1021-1815	Insects	pest elimination
PT Wasp Freeze II	Prallethrin	499-550	Stinging insects	pest elimination
Pyrocide	Pyrethrins	1021-1424	Insects	pest elimination

Recruit HD	Novilflumuron	62719-608	Termites	pest elimination
Talstar EZ Granular	Bifenthrin	279-3168	Insecticide	pest elimination

- Insecticides are only applied by a certified and/or licensed applicator.
- Insecticides are used only when monitoring has shown that insects are present.
- Selective insecticides are used where possible instead of broad spectrum insecticides.

Weeds

Noxious weeds noticed on the school grounds

Describe the monitoring technique you used for the pests above.

Provide information on how you identified the species of the pests above.

Provide details on the non-chemical control measures have you taken to manage the pests above.

If you use herbicides, describe your rationale for using them for the pests above.

H. RECORD KEEPING

In the case of Monomoy Regional High School, OUTDOOR monitoring records will be maintained through: The use of forms which will be filled out by the person monitoring the facility

I. EVALUATING THE PROGRAM

The IPM plan will be evaluated on a Annually basis.

J. NOTIFICATION REQUIREMENTS & EXEMPTIONS

During the creation of this IPM plan, Rick Travers has assigned committee member Rick Travers with the responsibility of assembling and issuing all the documents that accompany the standard written notification whenever pesticides are applied outdoors.

K. IN THE EVENT OF A HEALTH EMERGENCY

During the creation of this IPM plan, Rick Travers has assigned committee member Rick Travers with the responsibility of applying for an emergency waiver.

L. LIST OF PESTICIDES TO BE USED OUTSIDE THE FACILITY

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

Pesticide Product Name	Active Ingredient	EPA Registration Number	Target Pest	Rationale for use
Ditrac	Diphacinone	12455-56	Rodents	Pest Control
Recruit HD	Novilflumuron	62719-608	Termites	pest elimination
Tempo 1%	Cyfluthrin	132-1372	Insects	pest elimination
Termidor	Fipronil	7969-210	Termites	Pest Control
Tempo 1%	Cyfluthrin	132-1372	Insects	Pest Control
Quick Pro	Glyphosate / Diquat dibromide	524-535	Weeds	Control
Prosecutor		228-366- 10404	Weeds	Control
Dimension 0.10%		10404-85	Weeds	Control
Talstar EZ Granular	Bifenthrin	279-3168	Insecticide	pest elimination

Outdoor IPM Plan

Merit 0.2	Imidacloprid	432-1349-10404	Weeds	Control
Final All Weather	Brodifacoum	12455-89	Rodents	Pest Control
Termidor SC	Fipronil	7969-210	Termites	pest elimination
Final Soft bait	Brodifacoum	12455-139	Rodents	Pest Control
Frist Strike Soft bait	Difethialone	7173-258	Rodents	pest elimination
Generation Mini Blox	Difethialone	12455-56	Rodents	pest elimination
Mother Earth	Diatomaceous Earth	499-509	Insecticide	pest elimination
One Guard	Lambda-cyhalothrin	1021-2807	Mosquitoes	pest elimination
Weatherblox	Brodifacoum Technical	100-1055	Rodents	pest elimination
Vectolex WSP	Bacillus spaericus	275-77	Mosquitoes	Safety
Weatherblox	Brodifacoum Technical	100-1055	Rodents	Pest Control
Onslaught	(s)-cyano (3-phenoxyphenyl)	1021-1815	Insects	pest elimination
Quick Pro	Glyphosate / Diquat dibromide	524-535	Weeds	Control
Merit 0.2	Imidacloprid	432-1349-10404	Weeds	Control
Prosecutor		228-366-10404	Weeds	Control
Dimension 0.10%		10404-85	Weeds	Control
ACE/DIM		26-0-5	weeds	Control
70AB7CA		26-0-10	weeds	Control
CB-80	Pyrethrins	279-3393	Insects	Pest Control
PT Wasp Freeze II	Prallethrin	499-550	Stinging insects	pest elimination
Pyrocide	Pyrethrins	1021-1424	Insects	pest elimination

M. WELL WATER SYSTEM

The school does not have its own on site well water system.

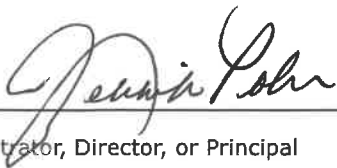
I attest, to the best of my knowledge, that the above information is complete, accurate and true


IPM Coordinator Signature

1/31/24
Date

1/25/24, 12:23 PM

Outdoor IPM Plan



Administrator, Director, or Principal

1, 31, 24

Date

Outdoor IPM Plan originally submitted on: 2/4/2005 10:59:00 AM

Plan updated by Rick Travers on: 1/25/2024 12:23:00 PM

Monomoy Regional High School
INDOOR INTEGRATED PEST MANAGEMENT (IPM) PLAN
75 Oak Street
Harwich, MA 02645

IPM Coordinator
Rick Travers

Primary Contact
Rick Travers, 508-400-5410, rtravers@monomomy.edu
This School has a contract with

- Christopher Gilbert and Mr. Ostrowski of A-1 Exterminators, 508-432-5866.

By signing the end of this indoor IPM plan, the IPM coordinator, Rick Travers, 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, Monomoy Regional High School on 1/25/2024 12:23:00 PM 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, Rick Travers , about pest control and pesticide use.

This plan describes the pest management practices for indoor areas of the Monomoy 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 Monomoy 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 Monomoy Regional High School has selected the following as it's IPM policy statement:

B.POLICY STATEMENT

It is the policy of this school to implement Integrated Pest Management procedures to control structural and landscape pests and minimize exposure of children, faculty, and staff to pesticides.

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 Monomoy Regional High School are listed below:

- 1) Rick Travers (Indoor IPM Coordinator)
- 2) Rick Travers

D. COMMUNICATING IPM WITHIN THE FACILITY

The Pest Management Professional communicates with the IPM coordinator of the facility. The IPM coordinator then passes this information onto an administrative assistant who decides how the information will be distributed throughout the facility.

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

- Teachers, support staff such as custodians, cafeteria staff, and maintenance workers.
- Training content will focus on pest reduction strategies correcting people's behavior such as over watering plants and eating at desks, which contribute to pest problems.
- Training programs will be held annually. Training will be conducted by the building Principal or his/her designee.
- The IPM Coordinator will request pamphlets and fact sheets for distribution at the time of training.
- 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.

F. INDOOR MONITORING

The IPM committee will evaluate the plan semiannually. When pests are present, Monomoy Regional High School has chosen an **INDOOR monitoring schedule that consists of quarterly 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 custodian monitors pest control activity regularly. Pest control service professional will be notified of findings at the time of quarterly services or in between these services if needed.

G. COURSE OF ACTION TAKEN FOR INDOOR PESTS

The following pests have historically and/or currently been a problem at Monomoy Regional High School:

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

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

SCHOOL PEST DESCRIPTION

mice gray in color 6-7" and pavement ants 1/8" small, red, brown or black

SCHOOL PEST LOCATION DETAILS

Kitchens and Cafeterias Hallways Boiler Rooms Crawl Spaces special education room and home economics

SCHOOL PEST ACTIVITY

Activity is of low to none.

MONITORING/INSPECTION

Visual inspections are provided by the custodial staff. Monitoring traps are used to detect insect and/or rodent activity. Any pest issues will be reported and treated accordingly.

ELIMINATING ACCESS

Our facility is cleaned on a regular basis to prevent food and water access to pests. Our pest control provider will inform us if any changes should be made.

ELIMINATING SOURCES OF FOOD AND WATER

Our facility is cleaned on a regular basis to prevent food and water access to pests. Our pest control provider will inform us if any changes should be made.

ELIMINATION OF SHELTER AND HARBORAGE

Our facility is cleaned on a regular basis to prevent shelter and harborage. Our pest control provider will inform us if any changes should be made.

NON-CHEMICAL CONTROLS

Sticky traps and/or mechanical traps will be used for prevention. Our pest control provider will treat any pest issues accordingly using IPM-approved baits if necessary.

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 Monomoy 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 semiannually .

J. IN THE EVENT OF A HEALTH EMERGENCY

During the creation of this IPM plan, Rick Travers has assigned committee member Rick Travers with the responsibility of applying for an emergency waiver.

K. LIST OF PESTICIDES TO BE USED INSIDE THE FACILITY

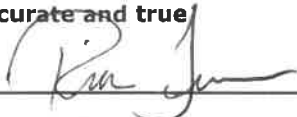
The following list includes all the pesticides that will be used inside the Monomoy Regional High School. This list includes all herbicides, fungicides, and insecticides that will be used in the event that chemical is required.

Pesticide Name	Active Ingredient	EPA		
		Registration #	Target Pest	Rationale for use
First Strike Soft Bait	Difethialone	7173-258	Rodents	pest elimination
CB-80	Pyrethrins	279-3393	Insects	Pest elimination
Maxforce FC Select	Fipronil	432-1259	Roaches	Pest Elimination
Maxforce Magnum	Fipronil	432-1460	Roaches	pest elimination
Recruit IV AG	Noviflumuron	62719-454	Termites	pest elimination
Final All Weather	Brodifacoum	12455-89	rodents	Pest Elimination
Ditrac	Diphacinone	12455-56	Rodents	Pest Elimination
Tempo Dust 1%	Cyfluthrin	432-1373	ants	Pest elimination
Onslaught	(s)-cyano (3-phenoxyphenyl)	1021-1815	Insects	pest elimination

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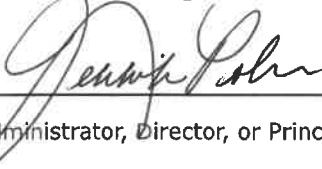
Vendetta	Abamectin	1021-1828	Roaches	Pest Elimination
Advanced 360 Dual Choice Station	Abamectin	499-496	Ants	Pest Elimination
advion Roach	Indoxicarb	100-1484	Roaches	Pest Elimination
Vendetta Plus	Abamectin B1, Pyriproxyfen	1021-2593	roaches	Pest Elimination
Maxforce Ant Gel	Firponil	432-1264	Ants	Pest Elimination
Gourmet Ant Gel	disodium Octaborate Tetrahydrate	73766-1	ants	Pest Elimination
Pyrocide	Pyrethrins	1021-1424	Insects	pest elimination
Mother Earth	Diatomaceous Earth	499-509	Insecticide	pest elimination
Final Soft	Brodifacoum	12455-139	Rodents	Pest Elimination

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



IPM Coordinator Signature

1, 31, 24
Date



Administrator, Director, or Principal

1, 31, 24
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Indoor IPM Plan originally submitted on: 2/4/2005 10:57:00 AM
Plan updated by Rick Travers on: 1/25/2024 12:23:00 PM

Monomoy Regional Middle School
OUTDOOR INTEGRATED PEST MANAGEMENT (IPM) PLAN
425 Crowell Road
Chatham, MA 02633

IPM Coordinator

Rick Travers

Primary Contact

Rick Travers, 508-400-5410, rtravers@monomoy.edu

This School has a contract with

- John Doane of Cape Cod Mosquito Control Project, 508-775-1510.

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A. INTRODUCTION

In compliance with the Act Protecting Children and Families from Harmful Pesticides the Monomoy Regional Middle School on 1/9/2024 1:14:00 PM has prepared the following outdoor IPM plan about pest control and pesticide use.

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

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- 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 Monomoy Regional Middle School has selected the following as its 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

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Teachers, support staff such as custodians, cafeteria staff, and maintenance workers. Training content will focus on pest reduction strategies correcting people's behavior such as over watering plants and eating at desks, which contribute to pest problems. Training programs will be held annually. Training will be conducted by the building Principal or his/her designee. The IPM Coordinator will request pamphlets and fact sheets for distribution at the time of training. 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.

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Outdoor property includes the turf, landscaping, and the outdoor grounds such as building exterior, playground equipment, etc.. Monomoy Regional Middle School has prepared maps of the outdoor facility and identified the following priority areas for maintenance:

OutdoorGrounds

Exterior perimeter within five feet of structure.

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

TURF PESTS	LANDSCAPING AND PLANT PESTS	OUTDOOR GROUNDS PESTS
		Insects observed in and around outdoor grounds of school property. Mosquitoes & Flies Other None None None

OUTDOOR MANAGEMENT PLAN

The following areas are priority areas for maintenance: Exterior perimeter within five feet of structure.

Cultural Practices**OUTDOOR GROUNDS GENERAL MANAGEMENT PRACTICES****Waste Disposal (trash containers and dumpsters):**

The dumpsters are emptied every day when school is in session and 3 times per week during school vacations. Dumpsters are cleaned once per year by the waste disposal company. The areas surrounding the dumpsters are kept clean by the custodial staff at all times.

Light Management:

Lighting will be adjusted if recommended by pest control provider.

Excess Water Prevention:

Excess water prevention strategies will be discussed with pest control provider if needed.

Noxious Weed Management:

Facility staff will monitor exterior areas and determine what measure should be taken if needed.

Playgrounds (if applicable):

Playground areas will be monitored frequently during warmer weather. Any potential pest issues will be reported to pest control provider. When applicable an irrigation system is used to water the lawns early in the morning 2-5 times per week during the growing season. It has it's own well which provides water to this automated system.

Nuisance weeds in pavement:

Facility staff will monitor exterior areas and determine what measure should be taken if needed.

Storage Sheds (If applicable):

Not applicable

Insects observed in and around outdoor grounds of school property.

Mosquitoes & Flies

Pests

Mosquitoes & Flies

Insects in playground area (if applicable)**Describe the monitoring technique you used for the pests above.**

Personnel from Cape Cod Mosquito Control Project will monitor stagnant water,

including catch basins, on a regular basis between April and October. When larval levels reach the action threshold, a category four laticide will be used for treatment. No applications would be made while children were present on school property.

Provide information on how you identified the species of the pests above.

Personnel from Cape Cod Mosquito Control Project will identify.

Provide details on the non-chemical control measures you have taken to manage the pests above.

none

If you use insecticides, describe your rationale for using them for the pests above.

Safety purposes. When larval levels reach the action threshold, a category four laticide will be used for treatment.

Pesticide		EPA		
Product Name	Active Ingredient	Registration Number	Target Pest	Rationale for use
TalstarEZ Granular	Bifenthrin	279-3168	Insecticide	pest elimination
Tempo 1%	Cyfluthrin	132-1372	Insects	pest elimination
Termidor SC	Fipronil	7969-210	Termites	pest elimination
Vectolex WSP final all weatherbrodicaoum	Bacillus spaericus	275-77 12455-89	Mosquitoes rodents	Safety pest elimination
final soft bait	brodifacoum	12455-139	rodents	pest elimination
Mother Earth	Diatamaceous Earth	499-509	insecticide	pest elimination
weatherblox	Brodifacoum technical	100-1055	rodents	pest elimination
VectoBac 12AS	Bacillus thuringiensis	73049-38	Mosquitos	safety
VectoBac G	Bacillus thuringiensis	73049-10	Mosquitos	safety
VectoLex WSP	Bacillus sphaericus	73049-20	Mosquitos	safety
CB-80	Pyrethrins	279-3393	Insects	pest elimination
Ditrac	Diphacinone	1245-56	Rodents	pest elimination
First Strike Soft Difethialone Bait		7173-258	Rodents	pest elimination
Generation Mini Difethialone Blox		12455-56	Rodents	pest elimination
One Guard	Lambda-cyhalothrin	1021-2807	Mosquitos	pest elimination
Onslaught	(s)-cyano(3-phenoxyphenyl	1021-1815	Insects	pest elimination

PT Wasp Freeze Prallethrin II		499-550	stinging insects	pest elimination
Pyrocide	Pyrethrins	1021-1424	insects	pest elimination
Recruit HD	Novilflorum	62719-608	Termites	pest elimination

- Insecticides are only applied by a certified and/or licensed applicator.
- Insecticides are used only when monitoring has shown that insects are present.
- Selective insecticides are used where possible instead of broad spectrum insecticides.

Weeds

Noxious weeds noticed on the school grounds

Describe the monitoring technique you used for the pests above.

NA

Provide information on how you identified the species of the pests above.

NA

Provide details on the non-chemical control measures have you taken to manage the pests above.

NA

If you use herbicides, describe your rationale for using them for the pests above.

NA

H. RECORD KEEPING

In the case of Monomoy Regional Middle School, OUTDOOR monitoring records will be maintained through: The use of forms which will be filled out by the person monitoring the facility

I. EVALUATING THE PROGRAM

The IPM plan will be evaluated on a Annually basis.

J. NOTIFICATION REQUIREMENTS & EXEMPTIONS

During the creation of this IPM plan, Rick Travers has assigned committee member Rick Travers with the responsibility of assembling and issuing all the documents that accompany the standard written notification whenever pesticides are applied outdoors.

K. IN THE EVENT OF A HEALTH EMERGENCY

During the creation of this IPM plan, Rick Travers has assigned committee member Rick Travers with the responsibility of applying for an emergency waiver.

L. LIST OF PESTICIDES TO BE USED OUTSIDE THE FACILITY

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

Pesticide Product Name	Active Ingredient	EPA Registration Number	Target Pest	Rationale for use
Termidor SC	Fipronil	7969-210	Termites	pest elimination
Ditrac	Diphacinone	1245-56	Rodents	pest elimination
Prosecutor		228-366- 10404	Weeds	Control
Dimension 0.10%		10404-85	Weeds	Control
Quick Pro	Glyphosate / Diquat dibromide	524-535	Weeds	Control
Merit 0.2	Imidacloprid	432-1349- 10404	Weeds	Control
First Strike Soft Bait	Difethialone	7173-258	Rodents	pest elimination
Quick Pro	Glyphosate / Diquat dibromide	524-535	Weeds	Control

Merit 0.2	Imidacloprid	432-1349-10404	Weeds	Control
Prosecutor		228-366-10404	Weeds	Control
Dimension 0.10%		10404-85	Weeds	Control
VectoLex WSP CB-80	Bacillus sphaericus Pyrethrins	73049-20 279-3393	Mosquitos Insects	safety pest elimination
Vectolex WSP final all weather	Bacillus spaericus brodifacoum	275-77 12455-89	Mosquitoes rodents	Safety pest elimination
TalstarEZ Granular	Bifenthrin	279-3168	Insecticide	pest elimination
VectoBac G	Bacillus thuringiensis	73049-10	Mosquitos	safety
Tempo 1%	Cyfluthrin	132-1372	Insects	pest elimination
final soft bait	brodifacoum	12455-139	rodents	pest elimination
Generation Mini Blox	Difethialone	12455-56	Rodents	pest elimination
One Guard	Lambda-cyhalothrin	1021-2807	Mosquitos	pest elimination
Onslaught	(s)-cyano(3-phenoxyphenyl	1021-1815	Insects	pest elimination
PT Wasp Freeze II	Prallethrin	499-550	stinging insects	pest elimination
Pyrocide	Pyrethrins	1021-1424	insects	pest elimination
Recruit HD	Novilflorum	62719-608	Termites	pest elimination
Mother Earth	Diatamaceous Earth	499-509	insecticide	pest elimination
weatherblox	Brodifacoum technical	100-1055	rodents	pest elimination
VectoBac 12AS	Bacillus thuringiensis	73049-38	Mosquitos	safety

M. WELL WATER SYSTEM

The school does not have its own on site well water system.

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



IPM Coordinator Signature

1/30/24
Date


Administrator, Director, or Principal

1/31/24
Date

Outdoor IPM Plan originally submitted on: 8/29/2006 12:46:00 PM

Plan updated by Rick Travers on: 1/9/2024 1:14:00 PM

Monomoy Regional Middle School
INDOOR INTEGRATED PEST MANAGEMENT (IPM) PLAN
425 Crowell Road
Chatham, MA 02633

IPM Coordinator

Rick Travers

Primary Contact

Rick Travers, 508-400-5410, rtravers@monomoy.edu

This School has a contract with

- Christopher Gilbert Tech is Mr. Campion of A-1 Exterminators, 508-432-5866.

By signing the end of this indoor IPM plan, the IPM coordinator, Rick Travers, 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, Monomoy Regional Middle School on 1/9/2024 1:13:00 PM 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, Rick Travers , about pest control and pesticide use.

This plan describes the pest management practices for indoor areas of the Monomoy Regional 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 Monomoy Regional 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 Monomoy Regional 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 Monomoy Regional Middle School are listed below:

- 1) Rick Travers (Indoor IPM Coordinator)
- 2) Rick Travers

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. In addition, the IPM coordinator also communicates information to the staff supervisors who then distribute the information to all the staff and occupants concerned.

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

- Teachers, support staff such as custodians, cafeteria staff, and maintenance workers.
- Training content will focus on pest reduction strategies correcting people's behavior such as over watering plants and eating at desks, which contribute to pest problems.
- Training programs will be held annually. Training will be conducted by the building Principal or his/her designee.
- The IPM Coordinator will request pamphlets and fact sheets for distribution at the time of training.
- 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.

F. INDOOR MONITORING

The IPM committee will evaluate the plan semiannually. When pests are present, Monomoy Regional 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 custodian monitors pest control activity regularly. Pest control service professional will be notified of findings at the time of quarterly services or in between these services if needed.

G. COURSE OF ACTION TAKEN FOR INDOOR PESTS

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

- **Ants**
- **Mosquitoes & Flies**
- **Rats & Mice**

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

SCHOOL PEST DESCRIPTION

mice gray in color 6-7" and pavement ants 1/8" small, red, brown or black.

SCHOOL PEST LOCATION DETAILS

Ants have been reported found on monitors. Mice have been reported in the past. Activity is of these pests low to none. Flies in the building.

SCHOOL PEST ACTIVITY

Activity is of low to none.

MONITORING/INSPECTION

Visual inspections are provided by the custodial staff. Monitoring traps are used to detect insect and/or rodent activity. Any pest issues will be reported and treated accordingly.

ELIMINATING ACCESS

Our facility is cleaned on a regular basis to prevent food and water access to pests. Our pest control provider will inform us if any changes should be made.

ELIMINATING SOURCES OF FOOD AND WATER

Our facility is cleaned on a regular basis to prevent food and water access to pests. Our pest control provider will inform us if any changes should be made.

ELIMINATION OF SHELTER AND HARBORAGE

Our facility is cleaned on a regular basis to prevent shelter and harborage. Our pest control provider will inform us if any changes should be made.

NON-CHEMICAL CONTROLS

Sticky traps and/or mechanical traps will be used for prevention. Our pest control provider will treat any pest issues accordingly using IPM-approved baits

if necessary.

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 Monomoy Regional 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, Rick Travers has assigned committee member Rick Travers 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 Monomoy Regional 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	
maxforce fc	fipronil	432-1460	roaches	pest
Magnum Roach				elimination
Maxforce Ant Gel	Firponil	432-1264	Ants	Pest
				Elimination
Recruit IV AG	Noviflumuron	62719-454	Termites	Pest
				Elimination
Advanced 360	Abamectin	499-496	Ants	pest
Dual Choice				elimination
Station				
advion Roach	Indoxicarb	100-1484	Roaches	pest
				elimination

Pyroicide	Pyrethrins	1021-1424	Insects	pest elimination
Ditrac	Diphacinone	12455-56	Rodents	pest elimination
Final Soft Bait	Brodifacoum	12455-139	Rodents	Pest Elimination
maxforce FC ant killer gel	fipronil	432-1259	ants	pest elimination
Final All Weather	brodifacoum	12455-89	rodents	pest elimination
CB-80	Pyrethrins	279-393	Insects	pest elimination
mother earth	diatomaceous earth	499-509	insecticide	pest elimination
Final All Weather	Brodifacoum	12455-89	Rodents	pest elimination
Tempo 1%	Cyfluthrin	432-1373	Ants	Pest Elimination
vendetta	abamectin	1021-1828	roaches	pest elimination
gourmet ant gel	disodium octaborate tetrahydrate	73766-1	ant	pest elimination
vendetta plus	abamectin B1, Pyriproxyfen	1021-2593	roaches	pest elimination
First Strike Soft Bait	Difethialone	7173-258	Rodents	pest elimination
Onslaught	(s)-cyano (3- phenoxyphenyl	1021-1815	Insects	pest elimination
generation mini blox	difethialone	7173-258	rodents	pest elimination

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



IPM Coordinator Signature

1/30/24
Date



Administrator, Director, or Principal

1/31/24
Date

Indoor IPM Plan originally submitted on: 8/29/2006 12:41:00 PM

Plan updated by Rick Travers on: 1/9/2024 1:13:00 PM

Chatham Elementary School
INDOOR INTEGRATED PEST MANAGEMENT (IPM) PLAN
147 Depot Road
Chatham, MA 02633

IPM Coordinator

Rick Travers

Primary Contact

Rick Travers, 508-400-5410, rtravers@monomoy.edu

This School has a contract with

- Christopher Gilbert Tech is Mr. Campion of A-1 Exterminators, 508-432-5866.

By signing the end of this indoor IPM plan, the IPM coordinator, Rick Travers, 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, Chatham Elementary School on 1/9/2024 12:59:00 PM 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, Rick Travers , about pest control and pesticide use.

This plan describes the pest management practices for indoor areas of the Chatham Elementary 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 Chatham Elementary 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 Chatham Elementary 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 Chatham Elementary School are listed below:

- 1) Rick Travers (Indoor IPM Coordinator)
- 2) Rick Travers

D. COMMUNICATING IPM WITHIN THE FACILITY

The Pest Management Professional communicates with the IPM coordinator of the facility. The IPM coordinator then passes this information onto an administrative assistant who decides how the information will be distributed throughout the facility.

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

- Teachers, support staff such as custodians, cafeteria staff.
- Training content will focus on pest reduction strategies correcting people's behavior such as over watering plants and eating at desks, which contribute to pest problems.
- Training programs will be held annually. Training will be conducted by the building Principal or his/her designee.
- The IPM Coordinator will request pamphlets and fact sheets for distribution at the time of training.
- Staff, teachers and students will be instructed on how to log pest complaints.

F. INDOOR MONITORING

The IPM committee will evaluate the plan annually. When pests are present, Chatham Elementary 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 custodian monitors pest control activity regularly. Pest control service professional will be notified of

findings at the time of quarterly services or in between these services if needed or immediately if warranted.

G. COURSE OF ACTION TAKEN FOR INDOOR PESTS

The following pests have historically and/or currently been a problem at Chatham Elementary School:

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

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

SCHOOL PEST DESCRIPTION

mice gray in color 6-7" and pavement ants 1/8" small, red, brown or black

SCHOOL PEST LOCATION DETAILS

Ants have been reported found on monitors. Mice have been reported in the past. Activity is of these pests low to none. Ants Rooms, 239, 242, 246, and 248. Mice activity in Nurse and Principal's office in the past.

SCHOOL PEST ACTIVITY

Activity is of low to none.

MONITORING/INSPECTION

Visual inspections are provided by the custodial staff. Monitoring traps are used to detect insect and/or rodent activity. Any pest issues will be reported and treated accordingly.

ELIMINATING ACCESS

Our facility is cleaned on a regular basis to prevent food and water access to pests. Our pest control provider will inform us if any changes should be made.

ELIMINATING SOURCES OF FOOD AND WATER

Our facility is cleaned on a regular basis to prevent food and water access to pests. Our pest control provider will inform us if any changes should be made.

ELIMINATION OF SHELTER AND HARBORAGE

Our facility is cleaned on a regular basis to prevent shelter and harborage. Our pest control provider will inform us if any changes should be made.

NON-CHEMICAL CONTROLS

Sticky traps and/or mechanical traps will be used for prevention. Our pest control provider will treat any pest issues accordingly using IPM-approved baits if necessary.

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 Chatham Elementary School, INDOOR monitoring records will be maintained through the following technique: Address any and all issues.

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, Rick Travers has assigned committee member Rick Travers 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 Chatham Elementary 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	
Vendetta Plus	Abamectin B1, Pyriproxyfen	1021-2593	roaches	pest elimination
Final All Weather	Brodifacoum	12455-89	Rodents	Pest Elimination
vendetta cockroach bait	abamectin bi	1021-1828	roaches	pest elimination
Ditrac	Diphacinone	12455-56	Rodents	Pest Elimination
CB-80	Pyrethrins	279-3393	Insects	Pest Elimination
Maxforce FC Select	fipronil	432-1259	Roaches	Pest Elimination
First Strike Soft Bait	Difethialone	7173-258	Rodents	pest elimination

Maxforce Ant Gel	Fipronil	432-1264	Ants	Pest Elimination
gourmet ant gel	disodium octaborate tetrahydrate	73766-1	ants	pest elimination
Pyroicide	Pyrethrins	1021-1424	Insects	Pest Elimination
Mother Earth	Diatomaceous Earth	499-509	Insecticide	pest elimination
Advanced 360 Dual Choice Station	Abamectin	499-496	Ants	Pest Elimination
Maxforce Magnum	Fipronil	432-1460	Roaches	pest elimination
Onslaught	(s)-cyano (3-phenoxyphenyl)	1021-1815	Insects	Pest Elimination
Final Soft Bait	Brodifacoum	12455-139	Rodents	Pest Elimination
mother earth	Diatomaceous Earth	499-509	insects	pest elimination
Tempo 1%	Cyfluthrin	3125-596	Ants	Pest Elimination
Maxforce FC roach bait gel	fipronil	432-1259	roaches	pest elimination
Advion Roach	Indoxicarb	100-1484	Roaches	Pest elimination
Recruit IV AG	Noviflumuron	62719-454	Insecticide	Pest Elimination

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



 IPM Coordinator Signature

1, 30, 24

 Date



 Administrator, Director, or Principal

1, 30, 24

 Date

Indoor IPM Plan originally submitted on: 8/28/2006 3:14:00 PM

Plan updated by Rick Travers on: 1/9/2024 12:59:00 PM

Chatham Elementary School
OUTDOOR INTEGRATED PEST MANAGEMENT (IPM) PLAN
147 Depot Road
Chatham, MA 02633

IPM Coordinator

Rick Travers

Primary Contact

Rick Travers, 508-400-5410, rtravers@monomoy.edu

This School has a contract with

- John Doane of Cape Cod Mosquito Control Project, 508-775-1510.

By signing the end of this outdoor IPM plan, the IPM coordinator, Rick Travers, of this School and the Pest Management Professionals described above acknowledge, and agree to the terms of this OUTDOOR integrated pest management plan.

A. INTRODUCTION

In compliance with the Act Protecting Children and Families from Harmful Pesticides the Chatham Elementary School on 1/9/2024 12:58:00 PM has prepared the following outdoor IPM plan about pest control and pesticide use.

This plan describes the pest management practices for outdoor areas of Chatham Elementary 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.

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, Rick Travers

Objectives

The objectives of the integrated pest management program conducted at the Chatham Elementary 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 Chatham Elementary School has selected the following as its 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 OUTDOOR committee members selected for the Chatham Elementary School are listed below:

- 1) Rick Travers (Outdoor IPM Coordinator)
- 2) Rick Travers

D. COMMUNICATING IPM WITHIN THE FACILITY**Pest Management Personnel to Building Staff:**

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. In addition, the IPM coordinator also communicates information to the staff supervisors who then distribute the information to all the staff and occupants concerned.

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

Teachers, support staff such as custodians, cafeteria staff, and maintenance workers. Training content will focus on pest reduction strategies correcting people's behavior such as over watering plants and eating at desks, which contribute to pest problems. Training programs will be held annually. Training will be conducted by the building Principal or his/her designee. The IPM Coordinator will request pamphlets and fact sheets for distribution at the time of training. 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.

F. OUTDOOR MONITORING

The IPM plan will follow a Annually evaluation schedule. When pests are present, Chatham Elementary School has chosen an **OUTDOOR monitoring schedule that consists of Quarterly inspections**. When pests are absent the **OUTDOOR monitoring schedule will consist of Quarterly 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 OUTDOOR PESTS

Outdoor property includes the turf, landscaping, and the outdoor grounds such as building exterior, playground equipment, etc.. Chatham Elementary School has prepared maps of the outdoor facility and identified the following priority areas for maintenance:

OutdoorGrounds

Exterior perimeter within five feet of structure.

The following pests have historically and/or currently been a problem at Chatham Elementary School:

TURF PESTS	LANDSCAPING AND PLANT PESTS	OUTDOOR GROUNDS PESTS
		Pests Ants Mosquitoes & Flies Other

OUTDOOR MANAGEMENT PLAN

The following areas are priority areas for maintenance: Exterior perimeter within five feet of structure.

Cultural Practices

OUTDOOR GROUNDS GENERAL MANAGEMENT PRACTICES

Waste Disposal (trash containers and dumpsters):

The dumpsters are emptied every day when school is in session and 2 times per week during school vacations. Dumpsters are cleaned once per year by the waste disposal company. The areas surrounding the dumpsters are kept clean by the custodial staff at all times.

Light Management:

Lighting will be adjusted if recommended by pest control provider.

Excess Water Prevention:

Excess water prevention strategies will be discussed with pest control provider if needed.

Noxious Weed Management:

Facility staff will monitor exterior areas and determine what measures should be taken if needed.

Playgrounds (if applicable):

Playground areas will be monitored frequently during warmer weather. Any potential pest issues will be reported to pest control provider. When applicable an irrigation system is used to water the lawns early in the morning 2-4 times per week during the growing season. It has it's own well which provides water to this automated system.

Nuisance weeds in pavement:

Facility staff will monitor exterior areas and determine what measures should be taken if needed.

Storage Sheds (If applicable):

Several sheds on site used to store playground equipment.

Insects observed in and around outdoor grounds of school property.

Ants

Mosquitoes & Flies

Pests

Ants

Mosquitoes & Flies

Insects in playground area (if applicable)

Describe the monitoring technique you used for the pests above.

Personnel from Cape Cod Mosquito Control Project will monitor stagnant water, including catch basins, on a regular basis between April and October. When larval levels reach the action threshold, a category four laticide will be used for treatment. No applications would be made while children were present on school property.

Provide information on how you identified the species of the pests above.

Personnel from Cape Cod Mosquito Control Project will identify.

Provide details on the non-chemical control measures you have taken to manage the pests above.

none

If you use insecticides, describe your rationale for using them for the pests above.

Safety purposes. When larval levels reach the action threshold, a category four laticide will be used for treatment.

Pesticide	EPA			
Product	Active	Registration	Target	Rationale
Name	Ingredient	Number	Pest	for use
Aquabac G	Bacillus thuringiensis israelensis	62637-3	Mosquitoes	Safety
Aquabac XT	Bacillus thuringiensis israelensis	62637-1	Mosquitoes	Safety
Vectorex WSP	Bacillus spaericus	275-77	Mosquitoes	Safety
Weatherblox	Brodifacoum Technical	100-1055	Rodents	Pest Control
Termidor	Fipronil	7969-210	Termites	Pest Control
Tempo 1%	Cyfluthrin	132-1372	Insects	Pest Control
CB-80	Pyrethrins	279-3393	Insects	Pest Control
Ditrac	Diphacinone	12455-56	Rodents	Pest Control
Final All Weather	Brodifacoum	12455-89	Rodents	Pest Control
Final Soft bait	Brodifacoum	12455-139	Rodents	Pest Control
First Strike Soft Difethialone bait		7173-258	Rodents	Pest Control
Generation Mini Difethialone Blox		12455-56	Rodents	Pest Control
Mother Earth	Diatomaceous Earth	499-509	Insecticide	Pest Control
One Guard	Lambda-cyhalothrin	1021-2807	Mosquitoes	Pest control
Onslaught	(s)-cyano (3-phenoxyphenyl)	1021-1815	Insects	Pest Control

PT Wasp Freeze Prallethrin II	Pyrethrin	499-550	Stinging insects	Pest Control
Pyrocide	Pyrethrins	1021-1424	Insects	Pest Control
Recruit HD	Novilflumuron	62719-608	Termites	Pest Control
Talstar EZ Granular	Bifenthrin	279-3168	Insecticide	Pest Control

- Insecticides are only applied by a certified and/or licensed applicator.
- Insecticides are used only when monitoring has shown that insects are present.
- Selective insecticides are used where possible instead of broad spectrum insecticides.

Weeds

Noxious weeds noticed on the school grounds

Describe the monitoring technique you used for the pests above.

Provide information on how you identified the species of the pests above.

Provide details on the non-chemical control measures have you taken to manage the pests above.

If you use herbicides, describe your rationale for using them for the pests above.

H. RECORD KEEPING

In the case of Chatham Elementary School, OUTDOOR monitoring records will be maintained through: The use of forms which will be filled out by the person monitoring the facility

I. EVALUATING THE PROGRAM

The IPM plan will be evaluated on a Annually basis.

J. NOTIFICATION REQUIREMENTS & EXEMPTIONS

During the creation of this IPM plan, Rick Travers has assigned committee member Rick Travers with the responsibility of assembling and issuing all the documents that accompany the standard written notification whenever pesticides are applied outdoors.

K. IN THE EVENT OF A HEALTH EMERGENCY

During the creation of this IPM plan, Rick Travers has assigned committee member Rick Travers with the responsibility of applying for an emergency waiver.

L. LIST OF PESTICIDES TO BE USED OUTSIDE THE FACILITY

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

Pesticide Product Name	Active Ingredient	EPA Registration Number	Target Pest	Rationale for use
Merit 0.2	Imidacloprid	432-1349-10404	Weeds	Control
CB-80	Pyrethrins	279-3393	Insects	Pest Control
Recruit HD	Novilflumuron	62719-608	Termites	Pest Control
Prosecutor		228-366-10404	Weeds	Control
Quick Pro	Glyphosate / Diquat dibromide	524-535	Weeds	Control
Dimension 0.10%		10404-85	Weeds	Control
Ditrac	Diphacinone	12455-56	Rodents	Pest Control
Aquabac G	Bacillus thuringiensis israelensis	62637-3	Mosquitoes	Safety

Aquabac XT	Bacillus thuringiensis israelensis	62637-1	Mosquitoes	Safety
Vectolex WSP	Bacillus spaericus	275-77	Mosquitoes	Safety
Weatherblox	Brodifacoum Technical	100-1055	Rodents	Pest Control
Termidor	Fipronil	7969-210	Termites	Pest Control
Talstar EZ Granular	Bifenthrin	279-3168	Insecticide	Pest Control
Final All Weather	Brodifacoum	12455-89	Rodents	Pest Control
Final Soft bait	Brodifacoum	12455-139	Rodents	Pest Control
First Strike Soft bait	Difethialone	7173-258	Rodents	Pest Control
Generation Mini Blox	Difethialone	12455-56	Rodents	Pest Control
Tempo 1%	Cyfluthrin	132-1372	Insects	Pest Control
Mother Earth	Diatomaceous Earth	499-509	Insecticide	Pest Control
One Guard	Lambda-cyhalothrin	1021-2807	Mosquitoes	Pest control
Onslaught	(s)-cyano (3-phenoxyphenyl)	1021-1815	Insects	Pest Control
PT Wasp Freeze II	Prallethrin	499-550	Stinging insects	Pest Control
Pyrocide	Pyrethrins	1021-1424	Insects	Pest Control

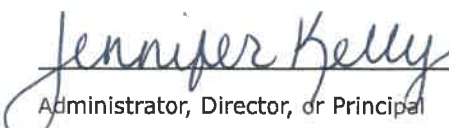
M. WELL WATER SYSTEM

The school does not have its own on site well water system.

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


 IPM Coordinator Signature

1, 30, 24
 Date


 Administrator, Director, or Principal

1, 30, 24
 Date

Outdoor IPM Plan originally submitted on: 8/28/2006 3:06:00 PM

Plan updated by Rick Travers on: 1/9/2024 12:58:00 PM

Harwich Elementary School
INDOOR INTEGRATED PEST MANAGEMENT (IPM) PLAN
263 South Street
Harwich, MA 02645

IPM Coordinator
Rick Travers

Primary Contact
Rick Travers, 508-400-5410, rtravers@monomoy.edu
This School has a contract with

- Christopher Gilbert and Mr. Ostrowski of A-1 Exterminators, 508-432-5866.

By signing the end of this indoor IPM plan, the IPM coordinator, Rick Travers, 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, Harwich Elementary School on 1/12/2024 2:05:00 PM 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, Rick Travers , about pest control and pesticide use.

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

B.POLICY STATEMENT

It is the policy of this school to implement Integrated Pest Management procedures to control structural and landscape pests and minimize exposure of children, faculty, and staff to pesticides.

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 Harwich Elementary School are listed below:

- 1) Rick Travers (Indoor IPM Coordinator)
- 2) Rick Travers

D. COMMUNICATING IPM WITHIN THE FACILITY

The Pest Management Professional communicates with the IPM coordinator of the facility. The IPM coordinator then passes this information onto an administrative assistant who decides how the information will be distributed throughout the facility.

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

- Teachers, support staff such as custodians, cafeteria staff, and maintenance workers.
- Training content will focus on pest reduction strategies correcting people's behavior such as over watering plants and eating at desks, which contribute to pest problems.
- Training programs will be held annually. Training will be held by DOF.
- The IPM Coordinator will request pamphlets and fact sheets for distribution at the time of training.
- 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.

F. INDOOR MONITORING

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

The following technique will be used to monitor for pests: The custodian monitors pest control activity regularly. Pest control service professional will be notified of findings at the time of quarterly services or in between these services if needed.

G. COURSE OF ACTION TAKEN FOR INDOOR PESTS

The following pests have historically and/or currently been a problem at Harwich Elementary School:

- **Spiders**
- **Ants**
- **crickets**
- **Rats & Mice**

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

SCHOOL PEST DESCRIPTION

mice gray in color 6-7" and pavement ants 1/8" small, red, brown or black
Crickets 1-1 1/2 inches long brown or black

SCHOOL PEST LOCATION DETAILS

Kitchens and Cafeterias Hallways Boiler Rooms Crawl Spaces

SCHOOL PEST ACTIVITY

Activity is of low to none.

MONITORING/INSPECTION

Visual inspections are provided by the custodial staff. Monitoring traps are used to detect insect and/or rodent activity. Any pest issues will be reported and treated accordingly.

ELIMINATING ACCESS

Our facility is cleaned on a regular basis to prevent food and water access to pests. Our pest control provider will inform us if any changes should be made.

ELIMINATING SOURCES OF FOOD AND WATER

Our facility is cleaned on a regular basis to prevent food and water access to pests. Our pest control provider will inform us if any changes should be made.

ELIMINATION OF SHELTER AND HARBORAGE

Our facility is cleaned on a regular basis to prevent shelter and harborage. Our pest control provider will inform us if any changes should be made.

NON-CHEMICAL CONTROLS

Sticky traps and/or mechanical traps will be used for prevention. Our pest control provider will treat any pest issues accordingly using IPM-approved baits if necessary.

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 Harwich Elementary 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, Rick Travers has assigned committee member Rick Travers 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 Harwich Elementary 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
Ditrac	Diphicinone	7173-258	Rodents	pest elimination
Final All Weather	brodifacoum	12455-89	rodents	pest elimination
Vendetta Plus	Abamectin B1, Pyriproxyfen	1021-2593	roaches	pest elimination
Recruit IV AG	Noviflumuron	62719-454	Termites	pest elimination
Maxforce FC Select	Fipronil	432-1259	Roaches	Pest Elimination
Advanced 360 Dual Choice Station	Abamectin	499-496	Ants	pest elimination
Onslaught	(s)-cyano (3-phenoxyphenyl)	1021-1815	Insects	pest elimination
Maxforce Magnum	Fipronil	432-1460	Roaches	pest elimination

Mother Earth	Diatomaceous Earth	499-509	Insecticide	pest elimination
Vendetta	Abamectin	1021-1828	roaches	pest elimination
Final Soft	Brodifacoum	12455-139	Rodents	Pest Elimination
Maxforce Ant Gel	Fipronil	432-1264	Ants	Pest Elimination
CB-80	Pyrethrins	279-3393	Insects	pest elimination
advion Roach	Indoxicarb	100-1484	Roaches	pest elimination
gourmet ant gel	disodium octaborate tetrahydrate	73766-1	rodents	pest elimination
First Strike Soft Bait	Difethialone	7173-258	Rodents	pest elimination
Tempo 1%	Cyfluthrin	432-1373	Ants	Pest Elimination
Pyrocide	Pyrethrins	1021-1424	Insects	pest elimination


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



 IPM Coordinator Signature

1, 12, 24

 Date



 Administrator, Director, or Principal

1, 30, 2024

 Date

Indoor IPM Plan originally submitted on: 6/7/2007 12:45:00 PM

Plan updated by Rick Travers on: 1/12/2024 2:05:00 PM

Harwich Elementary School
OUTDOOR INTEGRATED PEST MANAGEMENT (IPM) PLAN
263 South Street
Harwich, MA 02645

IPM Coordinator

Rick Travers

Primary Contact

Rick Travers, 508-400-5410, rtravers@monomoy.edu

This School has a contract with

- John Doane of Cape Cod Mosquito Control Project, 508-775-1510.

By signing the end of this outdoor IPM plan, the IPM coordinator, Rick Travers, of this School and the Pest Management Professionals described above acknowledge, and agree to the terms of this OUTDOOR integrated pest management plan.

A. INTRODUCTION

In compliance with the Act Protecting Children and Families from Harmful Pesticides the Harwich Elementary School on 1/12/2024 2:06:00 PM has prepared the following outdoor IPM plan about pest control and pesticide use.

This plan describes the pest management practices for outdoor areas of Harwich Elementary 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.

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, Rick Travers

Objectives

The objectives of the integrated pest management program conducted at the Harwich Elementary 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 Harwich Elementary School has selected the following as its IPM policy statement.

B. POLICY STATEMENT

It is the policy of this school to implement Integrated Pest Management procedures to control structural and landscape pests and minimize exposure of children, faculty, and staff to pesticides.

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 OUTDOOR committee members selected for the Harwich Elementary School are listed below:

- 1) Rick Travers (Outdoor IPM Coordinator)
- 2) Rick Travers

D. COMMUNICATING IPM WITHIN THE FACILITY**Pest Management Personnel to Building Staff:**

The Pest Management Professional communicates with the IPM coordinator of the facility. The IPM coordinator then passes this information onto an administrative assistant who decides how the information will be distributed throughout the facility.

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

E. EDUCATION AND TRAINING OF FACILITY OCCUPANTS & STAFF

Teachers, support staff such as custodians, cafeteria staff, and maintenance worker. Training content will focus on pest reduction strategies correcting peoples behavior such as over watering plants and eating at desks, which contribute to pest problems. Training programs will be held annually. Training will be conducted by the building Principal or his/her designee. The IPM Coordinator will request pamphlets and fact sheets for distribution at the time of training. 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.

F. OUTDOOR MONITORING

The IPM plan will follow a Semiannually evaluation schedule. When pests are present, Harwich Elementary School has chosen an **OUTDOOR monitoring schedule that consists of Quarterly inspections**. When pests are absent the **OUTDOOR monitoring schedule will consist of Quarterly 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 OUTDOOR PESTS

Outdoor property includes the turf, landscaping, and the outdoor grounds such as building exterior, playground equipment, etc.. Harwich Elementary School has prepared maps of the outdoor facility and identified the following priority areas for maintenance:

OutdoorGrounds

Exterior perimeter within five feet of structure.

The following pests have historically and/or currently been a problem at Harwich Elementary School:

TURF PESTS	LANDSCAPING AND PLANT PESTS	OUTDOOR GROUNDS PESTS
		<p>Insects observed in and around outdoor grounds of school property.</p> <p>Mosquitoes & Flies</p> <p>Stinging Insects</p> <p>Weeds</p> <p>Noxious weeds noticed on the school grounds</p> <p>Poison Ivy</p> <p>Other</p>

OUTDOOR MANAGEMENT PLAN

The following areas are priority areas for maintenance: Exterior perimeter within five feet of structure.

Cultural Practices

OUTDOOR GROUNDS GENERAL MANAGEMENT PRACTICES

Waste Disposal (trash containers and dumpsters):

The dumpsters are emptied everyday when school is in session and 3 times per week during school vacations. Dumpsters are cleaned once per year by the waste disposal company. The areas surrounding the dumpsters are kept clean by the custodial staff at all times.

Light Management:

Lighting will be adjusted if recommended by pest control provider. Lights are left on until 10:00PM as of now.

Excess Water Prevention:

Excess water prevention strategies will be discussed with pest control provider if needed.

Noxious Weed Management:

Facility staff will monitor exterior areas and determine what measure should be taken if needed.

Playgrounds (if applicable):

Playground areas will be monitored frequently during warmer weather. Any potential pest issues will be reported to pest control provider.

Nuisance weeds in pavement:

Facility staff will monitor exterior areas and determine what measure should be taken if needed.

Storage Sheds (If applicable):

Several sheds on site used to store play ground equipment.

Insects observed in and around outdoor grounds of school property.

Mosquitoes & Flies

Stinging Insects

Pests

Mosquitoes & Flies

Stinging Insects

Insects in playground area (if applicable)

Describe the monitoring technique you used for the pests above.

Personnel from Cape Cod Mosquito Control Project will monitor stagnant water, including catch basins, on a regular basis between April and October. When larval levels reach the action threshold, a category four larvicide will be used for treatment. No application would be made while children were present on school property.

Provide information on how you identified the species of the pests above.

Personnel from Cape Cod Mosquito Control Project will identify.

Provide details on the non-chemical control measures you have taken to manage the pests above.

None

If you use insecticides, describe your rationale for using them for the pests above.

Safety purposes. When larval levels reach the action threshold, a category four larvicide will be used for treatment.

Pesticide	EPA			
Product	Active	Registration	Target	Rationale
Name	Ingredient	Number	Pest	for use
Altosid Pellets	(S)-Methoprene	2724-448	Mosquitoes	Safety
Aquabac G	Bacillus thuringiensis israelensis	62637-3	Mosquitoes	Safety
Aquabac XT	Bacillus thuringiensis israelensis	62637-1	Mosquitoes	Safety
Vectorex WSP	Bacillus sporeus	275-77	Mosquitoes	Safety
final all weather	brodifacoum	12455-89	rodents	pest elimination
final soft bait	brodifacoum	12455-139	rodents	pest elimination
Mother Earth	Diatomaceous Earth	499-509	insecticide	pest elimination
weatherblox	Brodifacoum technical	100-1055	rodents	pest elimination
Tempo 1% dust	Cyfluthrin	432-1373	ants	pest elimination
CB-80	Pyrethrins	279-3393	Insects	pest elimination
Ditrac	Diphacinone	12455-56	Rodents	pest elimination
Frist Strike	Difethialone	7173-258	Rodents	pest elimination
Soft bait				
Generation	Difethialone	12455-56	Rodents	pest elimination
Mini Blox				
One Guard	Lambda-cyhalothrin	1021-2807	Mosquitoes	pest elimination
Onslaught	(s)-cyano (3-phenoxyphenyl)	1021-1815	Insects	pest elimination

PT Wasp	Prallethrin	499-550	Stinging	pest
Freeze II			Insects	elimination
Pyrocide	Pyrethrins	1021-1424	Insects	pest
				elimination
Recruit HD	Novilflumuron	62719-608	Termites	pest
				elimination
Talstar EZ	Bifenthrin	279-3168	Insecticide	pest
Granular				elimination
Termidor SC	Fipronil	7969-210	Termites	pest control

- Insecticides are only applied by a certified and/or licensed applicator.
- Insecticides are used only when monitoring has shown that insects are present.
- Selective insecticides are used where possible instead of broad spectrum insecticides.

Weeds

Noxious weeds noticed on the school grounds

Poison Ivy

Describe the monitoring technique you used for the pests above.

Provide information on how you identified the species of the pests above.

Provide details on the non-chemical control measures have you taken to manage the pests above.

If you use herbicides, describe your rationale for using them for the pests above.

H. RECORD KEEPING

In the case of Harwich Elementary School, OUTDOOR monitoring records will be maintained through: The use of forms which will be filled out by the person monitoring the facility

I. EVALUATING THE PROGRAM

The IPM plan will be evaluated on a Semiannually basis.

J. NOTIFICATION REQUIREMENTS & EXEMPTIONS

During the creation of this IPM plan, Rick Travers has assigned committee member Rick Travers with the responsibility of assembling and issuing all the documents that accompany the standard written notification whenever pesticides are applied outdoors.

K. IN THE EVENT OF A HEALTH EMERGENCY

During the creation of this IPM plan, Rick Travers has assigned committee member Rick Travers with the responsibility of applying for an emergency waiver.

L. LIST OF PESTICIDES TO BE USED OUTSIDE THE FACILITY

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

Pesticide Product Name	Active Ingredient	EPA Registration Number	Target Pest	Rationale for use
Altosid Pellets	(S)-Methoprene	2724-448	Mosquitoes	Safety
Aquabac G	Bacillus thuringiensis israelensis	62637-3	Mosquitoes	Safety
CB-80	Pyrethrins	279-3393	Insects	pest elimination
Pyrocide	Pyrethrins	1021-1424	Insects	pest elimination
Ditrac	Diphacinone	12455-56	Rodents	pest elimination
Mother Earth	Diatamaceous Earth	499-509	insecticide	pest elimination
Recruit HD	Novilflumuron	62719-608	Termites	pest elimination
Termidor SC	Fipronil	7969-210	Termites	pest control
Aquabac XT	Bacillus thuringiensis israelensis	62637-1	Mosquitoes	Safety

Frist Strike	Difethialone	7173-258	Rodents	pest
Soft bait				elimination
Talstar EZ	Bifenthrin	279-3168	Insecticide	pest
Granular				elimination
Vectolex WSP	Bacillus spaericus	275-77	Mosquitoes	Safety
final all	brodifacoum	12455-89	rodents	pest
weather				elimination
final soft bait	brodifacoum	12455-139	rodents	pest
				elimination
weatherblox	Brodifacoum	100-1055	rodents	pest
	technical			elimination
Tempo 1% dust	Cyfluthrin	432-1373	ants	pest
				elimination
Generation	Difethialone	12455-56	Rodents	pest
Mini Blox				elimination
One Guard	Lambda-cyhalothrin	1021-2807	Mossquitos	pest
				elimination
Onslaught	(s)-cyano (3-phenoxyphenyl)	1021-1815	Insects	pest
				elimination
PT Wasp	Prallethrin	499-550	Stinging	pest
Freeze II			Insects	elimination

M. WELL WATER SYSTEM

The school does not have its own on site well water system.

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



IPM Coordinator Signature

1, 12, 24

Date



Administrator, Director, or Principal

1, 30, 2024

Date

Outdoor IPM Plan originally submitted on: 6/7/2007 2:06:00 PM

Plan updated by Rick Travers on: 1/12/2024 2:06:00 PM

