Blue Hills Reg. Tech. School
OUTDOOR INTEGRATED PEST MANAGEMENT (IPM) PLAN

800 Randolph Street
Canton, MA 02021

IPM Coordinator
Tim Rose

Primary Contact
Tim Rose, 781-828-5800, Trose@Bluehills.org
This School has a contract with

- Gary Weisberg of A-1 Exterminators, (781) 592-2731.

By signing the end of this outdoor IPM plan, the IPM coordinator, Tim Rose, 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 Blue Hills Reg. Tech. School on 8/26/2025 1:12:00 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 Blue Hills Reg. Tech. 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, Tim Rose

Objectives

The objectives of the integrated pest management program conducted at the Blue Hills Reg. Tech. 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 Blue Hills Reg. Tech. 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 OUTDOOR committee members selected for the Blue Hills Reg. Tech. School are listed below:

1) Tim Rose (Outdoor IPM Coordinator)
2) Tim Rose
3) Dante Mastropietro
4) James Gallery
5) Ron Marx

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 and leave this information in a common "drop box" for the IPM coordinator to review and pass onto the Pest Management Professional if necessary.

E. EDUCATION AND TRAINING OF FACILITY OCCUPANTS & STAFF

Training programs will be held annually. It will be the facility"s responsibility to schedule the meetings with the pest control provider. A designated pest control professional will present training.

F. OUTDOOR MONITORING

The IPM plan will follow a Monthly evaluation schedule. When pests are present, Blue Hills Reg. Tech. School has chosen an **OUTDOOR monitoring schedule that consists of Weekly inspections**. When pests are absent the **OUTDOOR monitoring schedule will consist of Monthly inspections**.

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

G. COURSE OF ACTION TAKEN FOR OUTDOOR PESTS

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

Turf

Top priorities include all athletic fields and flower bed areas. Lesser priorities include utility field, other turf areas around building and parking lot islands

Landscaping

Front Entrance of building planting beds, perimeter scrubs, campus trees

OutdoorGrounds

Exterior perimeter within five feet of structure foundation.

The following pests have historically and/or currently been a problem at Blue Hills Reg. Tech. School:

TURF PESTS	LANDSCAPING AND PLANT PESTS	OUTDOOR GROUNDS PESTS
Insects/pests under the soil or root zone Grubs (Japanese Beetles, European Chafer, Asiatic Garden Beetles, Oriental Beetles, and other)	**Weeds** Crabgrass	**Pests** Ants
Surface and/or thatch pests Ants	**Tree and Shrub Diseases** Powdery Mildew Blight	**Other**
Weeds Crabgrass Foxtails Dandelions, plaintains, ground ivy, cinquefoil	**Other** Groundhogs, raccoons & skunks	
Turfgrass diseases Dollar Spot Downy Mildew Snow Mold		
Other Turf Pest Problems No Pests (You are still required to complete the action plan)		
Other Mosquito control (Norfolk County) as needed/requested		

TURF MANAGEMENT PLAN

The following areas are priority areas for maintenance: Top priorities include all athletic fields and flower bed areas. Lesser priorities include utility field, other turf areas around building and parking lot islands

Cultural Practices

Mowing:
Mowing of all turf and athletic fields occurs once per week during the growing season. Mower hright is set for 2 1/2 to 3 inches. Blades are inspected and sharpened on a weekly basis. Blades are replaced twice during the mowing season. Clippings are bagged with handmower utilization, Clippings on athletic fields are maintained with a small turf sweeper on a periodic basis.

Aeration:
All turf areas receive a "plug pull" type aeration once a year in the fall with a grass over-seeding. The football field is a synthetic turf field. Baseball and Softball fields were reset (new infield and turf) in 2013.

Water Management:
Select drought tolerant species of seed for turf areas. Watering is handled on a manual basis using an underground irrigation well system for all fields. Water cannon and sprinkler heads are rotated around turf areas manually. The Grounds staff determines frequency and amount of water used based on many factors (condition of turf, weather, amount of rainfall, etc.).

Fertilization:
Fertilization is not based on soil sampling. In the Spring a starter type fertilizer (Signature 19-19-19 Starter Fertilizer). In the Fall a total nitrogen fertilizer (Signature 22-3-11) is applied on all turf fields. Fertilizer is applied at a rate of 1 pound/1000 square feet. Equipment spreading calibration is performed by hand using Scott and Speedgreen spreaders. Reviewing organic compost fertilizer for use on ball fields.

Equipment Maintenance:
All Grounds related equipment is maintained in-house by Facilities Staff and Auto Repair Shop Teacher hired during the summer months to perform preventative maintenance repairs and emergency repair services on all equipment, also ship equipment out to Norfolk Power Equipment for repair service. Kubota, John Deere Tractor, Hasquavana, and various hand mowers are keep clean and well maintained at all times.

Turfgrass diseases
Dollar Spot
Downy Mildew
Snow Mold

Describe the monitoring technique you used for the pests above.
Monitored by trained Grounds staff

Provide information on how you diagnosed the pests above.
Identified by trained Grounds staff

Provide details on the non-chemical control measures have you taken to manage the pests above.
Treatment of impacted areas is handled by removing diseased area by hand and applying new soil and seed.

Describe any alternative management or biological strategies being used or planned to be used, if any.
None

If you use fungicides, describe your rationale for using them for the pests above.
None in use

- Fungicide Use is documented in the **STANDARD WRITTEN NOTIFICATION FORM.**

Insects/pests under the soil or root zone
Grubs (Japanese Beetles, European Chafer, Asiatic Garden Beetles, Oriental Beetles, and other)

Surface and/or thatch pests
Ants

Other Turf Pest Problems
No Pests (You are still required to complete the action plan)

Describe the monitoring technique you used for the pests above.
Monitored by Grounds staff during the growing season.

Provide information on how you identified the species of pests above.
Grounds staff members have specific training and pest certification allowing for the identification of pests.

Provide details on the non-chemical control measures have you taken to manage the pests above.
Attempts to build a strong and resilent turf and soil base to prevent pest damage and disease. Aeration, fertilization, soil balancing, and proper watering are the steps taken to maintain proper grass surfaces.

Describe any alternative management or biological strategies being used or planned to be used, if any.
None in use.

If you use insecticides, describe your rationale for using them for the pests above.
Not in use as a standard practice. May be used in the future if required, and with proper compliance to IPM Program. Mosquito Control Strategies used on school/daycare property Education section: Individuals can reduce the breeding of mosquitoes on site by tipping over any containers holding water, i.e. standing water

containers such as tires, buckets, bird baths, etc. Employees, students and others will be educated such that they know that mosquito bites can be greatly reduced through the use of repellents and/or dressing such that little skin is left uncovered by wearing long pants, long sleeved shirts, hats etc. Non-pesticide approach: Individuals responsible for maintenance will work to remove or prevent standing water from collecting on site that might result in mosquito development. Drainage is monitored and standing water is mitigated where appropriate. Source reduction/water management of these areas will also be considered after coordination with the Norfolk County Mosquito Control Project. All mosquito control activities other than monitoring for (and removal of) water holding artificial containers will be conducted by the Norfolk County Mosquito Control Project. Pesticide Applications: Larval control of mosquito breeding sites on and/or adjacent to school/daycare property will be considered following coordination with the Norfolk County Mosquito Control Project. Applications will only occur following monitoring of the mosquito population by Norfolk County Mosquito Control Project (refer to standard surveillance methods used at Norfolk County Mosquito Control Project). The following products may be used: Product Name: EPA Registration Number Active Ingredient Vectobac G (Bti) 73049-10 Bacillus thuringiensis israelensis Vectolex WSP 73049-20 Bacillus sphaericus Altosid XR 2724-421 Methoprene Pesticide Applications: Control of adult mosquitoes on school/daycare property will be conducted by the Norfolk County Mosquito Control Project following coordination with the school/daycare. Ultra low volume applications will only occur following monitoring of the mosquito population by the Norfolk County Mosquito Control Project (refer to standard surveillance methods used at Norfolk County Mosquito Control Project). The following products may be used: Product Name: EPA Registration Number Active Ingredient Anvil 10+10 ULV 1021-1688-8329 Sumithrin Anvil 2+2 ULV 1021-1688-8329 Sumithrin Agency Making Mosquito Control Pesticide Applications: Norfolk County Mosquito Control Project, Bldg# 34 Endicott Street, Norwood, MA 02062 Tel# (781) 762-3681 The School administration, day care center operator, or school age childcare program operator needs to submit this new or updated IPM plan to the Dept (preferably via interactive website http://massnrc.org/ipm/index.html or email).

Pesticide Product Name	Active Ingredient	EPA Registration Number	Target Pest	Rationale for use
Vectobac G	Bacillus thuringiensis isrealensis	73049-10	mosquito control	by Norfolf Country Mosquito Control
Vectolex WSP	Bacillus sphaericus	73049-21	Mosquito control	Norfolk County Mosquito Control
Altosid XR	Methoprene	2724-421	Mosquito Control	Norfolk County Mosquito Control
Extoxnet	Pyrethrins	8003347	Mosquito Control	Norfolk County
Tempo Dust	Cyfluthrin	432-1373	Stinging insect	Pest elimination
Cadet 3	Cholecalciferol	12455-162	rats and mice	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.
- Insecticide Use is documented in the **STANDARD WRITTEN NOTIFICATION FORM.**

Weeds

Crabgrass

Dandelions, plaintains, ground ivy, cinquefoil

Foxtails

Describe the monitoring technique you used for the pests above.

Monitored by Ground staff

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

Identified by trained in-house Grounds staff

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

Hand-picking of weeds performed by Grounds staff and Summer Student workers

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

None

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

None in use.

Pesticide Product Name	Active Ingredient	EPA Registration Number	Target Pest	Rationale for use
household vinegar	acetic acid		weeds	weed control

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

LANDSCAPE MANAGEMENT PLAN

The following areas are priority areas for maintenance: Front Entrance of building planting beds, perimeter scrubs, campus trees

Cultural Practices

Monitoring Program:
Ground staff are checking and monitoring turf and landscape areas atleast 2 times per week during the growing season. Groundsman plant and maintain perennial and annual plantings on a seasonal basis. All landscape areas are maintained by hand tending by in-house staff

Soil Maintenance:
Renovated areas of soil errosion and installed scrubs and bark mulch. Areas around building using pea-stone material. Soil testing is performed infrequently based on the need to determine the cause of a problems, and/or course of corrective action.

Fertilizer Use Practices:
Starter fertilizer used when re-seeding or over-seeding areas of dead grass

Plant Care:
Plants are rotated into flower beds based on type of plant and flowering characteristics. Mulch is used and spacing follows recommended requirements for the type of plant selected.

Watering:
Grounds staff waters by hand and with the use of underground sprinkler systems. The front of the building utilizes domestic water for flower bed irrigation. This work is performed manually, no automatic system is in use.

Tree and Shrub Diseases
Blight
Powdery Mildew

Describe the monitoring technique you used for the pests above.
In-House Grounds staff and Tree Expert evaluate for the diseases/fungi.

Provide information on how you diagnosed the pests above.
Rely upon experts and in-house Groundsman that has specific training in horticultural issues.

Provide details on the non-chemical control measures have you taken to manage the pests above.
None in use.

If you use fungicides, describe your rationale for using them in for the pests above.
None in use.

Describe or identify any alternative management or biological strategies being used or planned to be used
None in use.

Insects and Related Pests

Describe the monitoring technique you used for the pests above.
Inspections are performed three times per year during months of peak activity (April through September)

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

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

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

Describe or identify any alternative management or biological strategies being used or planned to be used
N/A

Pesticide Product Name	Active Ingredient	EPA Registration Number	Target Pest	Rationale for use
Cadet 3	Cholecalciferol	12455-162	Rats &Mice	Pest elimination
Tempo dust	Cyfluthrin	432-1373	Stinging Insects	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.
- Insecticide Use is documented in the **STANDARD WRITTEN NOTIFICATION FORM.**

Weeds
Crabgrass

Describe the monitoring technique you used for the pests above.
In-House Grounds staff and occasional tree experts (contractors) are called-in to evaluate trees. Tree trimming and/or removal occurs on an as needed basis.

Provide information on how you identified the species of the pests above.
In-House Groundsman that is trained and certified in this area

Provide details on the non-chemical control measures have you taken to manage the pests above.
Hand maintenance of landscape and tree areas. Selective pruning of diseased/damaged areas. Planting of new plants and trees as needed

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

None in use

Describe or identify any alternative management or biological strategies being used or planned to be used

None in use

- 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 foundation.

Cultural Practices

OUTDOOR GROUNDS GENERAL MANAGEMENT PRACTICES

Waste Disposal (trash containers and dumpsters):
Waste disposal is performed three times weekly. Dumpster (s) is sanitized as needed.

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.

Nuisance weeds in pavement:
Facility staff will monitor exterior areas and determine what measures should be taken if needed.

Storage Sheds (If applicable):
N/A

Insects observed in and around outdoor grounds of school property.
Ants

Pests
Ants

Insects in playground area (if applicable)

Describe the monitoring technique you used for the pests above.
Inspections are performed three times per year during months of peak activity (April through September)

Provide information on how you identified the species of the pests above.
Pest control providers identified the ants.

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

N/A

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

N/A

Pesticide Product Name	Active Ingredient	EPA Registration Number	Target Pest	Rationale for use
Cadet 3	Cholecalciferol	12455-162	Rats &Mice	Pest elimination
Tempo dust	Cyfluthrin	432-1373	Stinging Insects	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.
- Insecticide Use is documented in the **STANDARD WRITTEN NOTIFICATION FORM**.

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 Blue Hills Reg. Tech. School, OUTDOOR monitoring records will be maintained through: Use of Schooldude work order system and regularly scheduled Prev. maint. work orders

I. EVALUATING THE PROGRAM

The IPM plan will be evaluated on a Monthly basis.

J. NOTIFICATION REQUIREMENTS & EXEMPTIONS

During the creation of this IPM plan, Tim Rose has assigned committee member Dante Mastropietro 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, Tim Rose has assigned committee member Dante Mastropietro 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 Blue Hills Reg. Tech. 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 XR	Methoprene	2724-421	Mosquito Control	Norfolk County Mosquito Control
Vectolex WSP	Bacillus sphaericus	73049-21	Mosquito control	Norfolk County Mosquito Control
Cadet 3	Cholecalciferol	12455-162	Rats &Mice	Pest elimination
Tempo dust	Cyfluthrin	432-1373	Stinging Insects	Pest elimination
Extoxnet	Pyrethrins	8003347	Mosquito Control	Norfolk County
Tempo Dust	Cyfluthrin	432-1373	Stinging insect	Pest elimination
Vectobac G	Bacillus thuringiensis isrealensis	73049-10	mosquito control	by Norfolf Country Mosquito Control
Cadet 3	Cholecalciferol	12455-162	rats and mice	pest elimination

household vinegar	acetic acid		weeds	weed control
Cadet 3	Cholecalciferol	12455-162	Rats &Mice	Pest elimination
Tempo dust	Cyfluthrin	432-1373	Stinging 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 — Date: 8, 2, 2025

Administrator, Director, or Principal — Date: 9, 2, 25

Outdoor IPM Plan originally submitted on: 3/15/2006 11:49:00 AM

Plan updated by Amicka Shacklewood on: 8/26/2025 1:12:00 PM