

**King Philip Middle School**  
**OUTDOOR INTEGRATED PEST MANAGEMENT (IPM) PLAN**  
18 King St  
Norfolk, MA 02056

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**IPM Coordinator**

Joseph Zahner Jr

**Primary Contact**

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

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

In addition, this School also has a contract with

- Brian Linehan of Greenhaven Turf Care, 781-389-5193.

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

**A. INTRODUCTION**

In compliance with the Act Protecting Children and Families from Harmful Pesticides the King Philip Middle School on 6/4/2024 12:37:00 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 King Philip Middle School and clearly states it's pesticide use policies.

A copy of the plan has been filed with the Massachusetts Department of Agricultural Resources (MDAR), and at least one printed copy must be kept on site and made available to the public upon request.

By centralizing all of the information about this facility's pest management practices the plan serves as a guide to direct this facility's IPM coordinator, Joseph Zahner Jr

**Objectives**

The objectives of the integrated pest management program conducted at the King Philip Middle School are listed below.

- Reduce children's exposure to pesticides and pesticide residues whenever possible.
- Manage pests that may occur on facilities to prevent interference with the learning environment of the students.
- Provide the safest playing or athletic surfaces possible.

In light of these objectives, the King Philip Middle School has selected the following as 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 King Philip Middle School are listed below:**

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

**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**

The IPM coordinator and the Pest Management Professional work together to create a plan regarding IPM best practices and how King Philip Implements this plan throughout the district.

#### **F. OUTDOOR MONITORING**

The IPM plan will follow a Annually evaluation schedule. When pests are present, King Philip Middle 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: 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.. King Philip Middle School has prepared maps of the outdoor facility and identified the following priority areas for maintenance:

##### **Turf**

Athletic fields on site are out behind the school and take priority for maintenance. Lawns around the building are maintained as needed and do not have irrigation.

##### **Landscaping**

Priority areas for landscaping are athletic fields, grounds around the building including trees and shrubs, and surrounding grassy areas that need to be maintained including storm water retention ponds.

##### **OutdoorGrounds**

Outdoor priority areas are within the doorways of the building, the front entrances, the two courtyards, and the property perimeter including stormwater drainage ponds and the athletic field.

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

<b>TURF PESTS</b>	<b>LANDSCAPING AND PLANT PESTS</b>	<b>OUTDOOR GROUNDS PESTS</b>
<p><b>Insects/pests under the soil or root zone</b>                      Grubs (Japanese Beetles, European Chafer, Asiatic Garden Beetles, Oriental Beetles, and other)</p> <p><b>Weeds</b>                      Crabgrass                      Dandelions, plaintains, ground ivy, cinquefoil</p> <p><b>Turfgrass diseases</b>                      Snow Mold</p> <p><b>Other Turf Pest Problems</b>                      No Pests (You are still required to complete the action plan)</p> <p><b>Other</b>                      Poa Annua</p>	<p><b>Insects and Related Pests</b>                      Gypsy Moth</p> <p><b>Weeds</b>                      Crabgrass</p> <p><b>Other</b>                      none</p>	<p><b>Pests</b>                      Ants                      Mosquitoes &amp; Flies                      Stinging Insects</p> <p><b>Weeds</b>  <b>Noxious weeds noticed on the school grounds</b>                      Poison Ivy</p> <p><b>Other</b>                      Bamboo at oil tank</p>

## TURF MANAGEMENT PLAN

The following areas are priority areas for maintenance: Athletic fields on site are out behind the school and take priority for maintenance. Lawns around the building are maintained as needed and do not have irrigation.

### Cultural Practices

#### **Mowing:**

Mowing around the school building is done as needed and clippings are always collected. The season temperatures effect how frequent we cut. The athletic field is cut more frequent to promote healthy turf and is not bagged, unless overgrown and requires collection to maintain playing heights. The height of cut is based on what sports season but ranges from 1 1/2" to 2 1/2". Blades are sharpened as needed but not less than twice per month.

#### **Aeration:**

The athletic field gets aerated 4 times per year. Right after winter, after spring season (June), before fall sports, (Aug), and end of fall sports before winter. The landscaped lawns around the school get aeration twice per year, spring and fall before seeding.

#### **Water Management:**

The grounds around the building do not have irrigation and do not get watered. The middle school has a private well used only for the irrigation system on the sports field as needed.

#### **Fertilization:**

Soil testing is done once per year by our contracted turf company, Specialized Turf Services. Fertilizer is applied every 6-8 weeks based on our fertility program. We apply 1 lb of Nitrogen per 1000 sq ft. A commercial spreader is used and calibrated based on the chart provided for speed and acreage.

#### **Equipment Maintenance:**

All mowing equipment is stored indoors and blown off after every use. When in shop for maintenance, everything is checked and washed when done.

#### **Turfgrass diseases**

Snow Mold

#### **Describe the monitoring technique you used for the pests above.**

plant identification with pest professional

#### **Provide information on how you diagnosed the pests above.**

vendor experience

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

use best cultural practices to minimize diseases in monitored areas

**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

- Fungicides are applied by a certified and/or licensed applicator.
- The disease was identified by a laboratory diagnostic test.
- 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**

**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.**

Weekly monitoring in areas where pests have been present

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

Plant and insect identification by experience or a third party vendor

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

Continuing our fertility program along with aeration and seeding twice per year to grow healthy grasses and minimize root zone damage

**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.**

When athlete safety is a concern based on root zone structure damage that exceeds threshold level.

Pesticide	Active Ingredient	EPA Registration Number	Target Pest	Rationale for use
Arena	clothianidin	59639-157	turfgrass insects	athletic field disease control
Spectracide	prallethrin, lambda cyhalothrin	9688-190-8845	wasps/hornets	public safety
Zenivex	Etofenprox	2724-791	mosquitoes	public safety
Mavrik	Tau-fluvalinate	2724-478	mosquitoes	public safety
perimeter				

Duet dual	prallethrin, sumithrin	1021-1795-	mosquitoes	public safety
Action		8329		
Acelepryn	Chlorantraniliprole	33498	turf insects	turf safety
	.2%			

- 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 chemical classes are rotated.
- Insecticides that are applied preventatively are used only in areas where insects occurred and were documented the previous year and can be expected to occur in current season.
- Insecticide Use is documented in the **STANDARD WRITTEN NOTIFICATION FORM.**

**Weeds**

Crabgrass  
 Dandelions, plaintains, ground ivy, cinquefoil

**Describe the monitoring technique you used for the pests above.**

Visual inspections of grounds and fields

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

Plant identification experience or from vendor

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

pulling weeds, line trimming and root digout, mulching in beds. Bagging grass clippings and quarterly aerating fields have minimized turfgrass weeds in addition to seeding bi annually with our fertility program.

**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.**

when non control measures are not effective to control the pest present.

Pesticide	Active	EPA	Registration	Target	Rationale
Product Name	Ingredient	Number		Pest	for use
prosecutor pro	glyphosate	524-536-10404		industrial turf and nuisance weeds	maintaining appearance and preventing structural damage to sidewalk and asphalt
Drive	quinclorac	7969-272		broadleaf weeds	turfgrass broadleaf weed control
speedzone	carfentrazone-ethyl, 2,4-D, Mecopop-p acid, dicamba acid	2217-835		broadleaf weeds	boradleaf weed control on athletic fields



pylex	topremazone	7969-327	turf grass	weed control on turf
	29.7%		weeds	

- Herbicides are only applied by a certified and/or licensed applicator.
- Herbicides are applied as a spot treatment when appropriate.
- Herbicides that are applied preventatively are used only in areas where weeds occurred and were documented the previous year and can be expected to occur in current season.
- The herbicide chemical classes are rotated.
- Selective insecticides are used where possible instead of broad spectrum insecticides.
- Herbicide Use is documented in the **STANDARD WRITTEN NOTIFICATION FORM**.

LANDSCAPE MANAGEMENT PLAN

The following areas are priority areas for maintenance: Priority areas for landscaping are athletic fields, grounds around the building including trees and shrubs, and surrounding grassy areas that need to be maintained including storm water retention ponds.

Cultural Practices**Monitoring Program:**

Landscaping is done by the groundskeepers. They mulch the planted areas and cut grass around the whole property. Any issues with plants, trees, or landscapes are looked into right away.

**Soil Maintenance:**

Soil is tested by our Sports field contractor once per year and changes to our program are based on results.

**Fertilizer Use Practices:**

Grounds around school buildings are fertilized twice per year: spring and fall, no pesticide use. Athletic fields are on a fertility program based on soil testing with roughly 5 applications per year.

**Plant Care:**

Plant beds are weeded as necessary and mulched to keep visual appearance and plant health

**Watering:**

only the athletic fields are irrigated and on a manual effort via a water wheel

**Tree and Shrub Diseases****Describe the monitoring technique you used for the pests above.**

visual inspections

**Provide information on how you diagnosed the pests above.**

experience and knowledge of disease or vendor identification

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

reduce irrigation, or increase irrigation dependant on issue; continue cultural program to strengthen grass conditions

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

none

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

none

- Fungicides are applied by a certified and/or licensed applicator.
- The disease was identified by a laboratory diagnostic test.
- Fungicide Use is documented in the **STANDARD WRITTEN NOTIFICATION FORM**.

**Insects and Related Pests**

Gypsy Moth

**Describe the monitoring technique you used for the pests above.**

visual inspection

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

previous experience and knowledge of pest. Also working with a third party vendor

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

By using best known cultural methods for healthy grass growth to over populate the weed environment

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

Only if the threshold level warrants a treatment

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

none

Pesticide		EPA		
Product Name	Active Ingredient	Registration Number	Target Pest	Rationale for use
zenivex	etofenprox 4%	2724-807	mosquitoes	product used by state for public safety
mavrik perimeter	tau-flavallinate	2724-478	mosquitoes	public safety
Duet dual action	prallethrin, sumithrin	1021-1795-8329	mosquitoes	public safety
advance dual choice	n-ethyl perfluorooctanesulfonamide .5%	499-459	ants	ant control past threshold limits/tamper free bait station
spectracide	prallethrin, lambda-cyhalothrin	9688-19-8845	stinging insects	public safety

- 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.
- Insecticides that are applied preventatively are used only in areas where insects occurred and were documented the previous year and can be expected to occur in current season.

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

**Weeds**

Crabgrass

**Describe the monitoring technique you used for the pests above.**

weekly visual inspection

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

experience and confirmation by vendor

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

aeration, seeding, and watering to grow healthy grass which minimizes the compaction and weed growth

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

to keep athletic fields healthy and safe for student athletes and the public

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

Good cultural practices

Pesticide		EPA		
Product Name	Active Ingredient	Registration Number	Target Pest	Rationale for use
Drive	quinclorac 15.93%	7969-272	broadleaf and grassy weeds	control of weeds in athletic fields
speedzone	carfentrazone-ethyl, 2-4D, mecopop-p acid, dicamba acid	2217-835	broadleaf weeds	post emergence control of broadleaf weeds in athletic fields
barricade	prodiamine .43%	961-362	crabgrass	broadleaf weed control
prosecutor pro	glyphosate	524-536-10404	industrial turf, and ornamental invasive weeds	structural prevention to sidewalks and to control invasive plant species

- Herbicides are only applied by a certified and/or licensed applicator.
- Herbicides are applied as a spot treatment when appropriate.
- Herbicides that are applied preventatively are used only in areas where weeds occurred and were documented the previous year and can be expected to occur in current season.
- 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: Outdoor priority areas are within the doorways of the building, the front entrances, the two courtyards, and the property perimeter including stormwater drainage ponds and the athletic field.

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

Waste removal occurs twice per week in two locations on the property. Recycling containers are once per week. Waste Management owns and maintains the containers based on our communication.

**Light Management:**

Minimal lighting is used for security and condition of lighting is monitored by building managers.

**Excess Water Prevention:**

Surface water runs into catch basins and the storm water retention pond is up to date and on a PM schedule. Basins are cleaned by contract twice per year, spring and fall.

**Noxious Weed Management:**

Noxious weeds are identified and removed in winter months. Removal is done with tools and equipment instead of control products

**Playgrounds (if applicable):**

NA

**Nuisance weeds in pavement:**

Weekly monitored and weedwacked.

**Storage Sheds (If applicable):**

Monitoring and reporting to managers any pest activity.

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

Ants

Mosquitoes & Flies

Stinging Insects

**Pests**

Ants

Mosquitoes & Flies

Stinging Insects

**Insects in playground area (if applicable)**

**Describe the monitoring technique you used for the pests above.**

Monitoring and reporting to town for County or private spraying

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

Experience or third party vendor

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

Weed wacking nuisance weeds. Making sure any standing water is removed for mosquitoes.

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

When target pest imposes a safety hazard

Pesticide Product Name	Active Ingredient	EPA Registration Number	Target Pest	Rationale for use
Spectracide	prallethrin .025% lambda cyhalothrin .010%	9688-19-8845	stinging insects	public safety
Zenivex	etofenprox 4%	2724-791	mosquitoes	public safety
Mavrik perimeter	Tau-fluvalinate	2724-478	mosquitoes	public safety
Duet dual action	Prallethrin, sumithrin	1021-1795-8329	mosquitoes	public safety
Mosquito free	cedarwood oil, 2 phenethyl propionate	-	mosquitoes	Organic insect repellent
Bifenthrin I/T 7.9F	bifenthrin 7.9%	66222-190	structural insects/mosquitoes	pest to control population for public safety
Anvil10+103	Phenoxybenzyl-(1RS, 3RS; 1RS, 3SR)-2,2-dimethyl-3-(2-methylprop-1-enyl) cyclopropanecarboxylate, *Piperonyl Butoxide	1021-1688-8329	mosquitoes	public safety

- 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 chemical classes are rotated.
- Insecticides that are applied preventatively are used only in areas where insects occurred and were documented the previous year and can be expected to occur in current season.

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

**Weeds**

**Noxious weeds noticed on the school grounds**

Poison Ivy

**Describe the monitoring technique you used for the pests above.**

areas where weeds have been seen in previous years

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

past experience or third party vendor plant identification

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

weed wacking or line trimming

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

When target plant exceeds threshold for manual removal and only during summer months with school out of session

Pesticide Product Name	Active Ingredient	EPA Registration Number	Target Pest	Rationale
				for use
Arena	clothianidin .25%	59639-157	turfgrass insects	athletic field disease control
Drive	quinclorac 15.93%	7969-272	broadleaf weeds	athletic field weed control
Speedzone	carfentrazone-ethyl .54% 2,4-D 10.49% Mecopop-p acid 2.66% dicamba acid .67%	2217-835	broadleaf weeds	athletic field weed control
prosecutor pro	glyphosate 41%	524-536-10404	industrial turf, and ornamental weeds, nuisance weeds in asphalt	to maintain appearance and to control invasive weeds while preventing structural damage to sidewalks

- 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.**

**H. RECORD KEEPING**

In the case of King Philip Middle School, OUTDOOR monitoring records will be maintained through: Outdoor monitoring records will be made as needed and list information as to what and where the pest was.

**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, Larry Azer has assigned committee member Joe Zahner 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, Larry Azer has assigned committee member Joe Zahner 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 King Philip Middle School. This list includes all herbicides, fungicides, and insecticides that will be used in the event that chemical is required.

Pesticide	Active	EPA	Registration	Target	Rationale
Product Name	Ingredient	Number	Pest		for use
<b>spectracide</b>	prallethrin, lambda-cyhalothrin	9688-19-8845	stinging insects		public safety
<b>Bifenthrin I/T 7.9F</b>	bifenthrin 7.9%	66222-190	structural insects/mosquitoes		to control pest population for public safety
<b>speedzone</b>	carfentrazone-ethyl , 2,4-D, Mecopop-p acid, dicamba acid	2217-835	broadleaf weeds		boradleaf weed control on athletic fields
<b>Arena</b>	clothianidin	59639-157	turfgrass insects		athletic field disease control
<b>Spectracide</b>	prallethrin, lambda cyhalothrin	9688-190-8845	wasps/hornets		public safety



<b>Mavrik perimeter</b>	Tau-fluvalinate	2724-478	mosquitoes	public safety
<b>Duet dual Action</b>	prallethrin, sumithrin	1021-1795-8329	mosquitoes	public safety
<b>Acelepryn prosecutor pro</b>	Chlorantraniliprole .2% glyphosate	33498 524-536-10404	turf insects industrial turf and nuisance weeds	turf safety maintaining appearance and preventing structural damage to sidewalk and asphalt
<b>Drive</b>	quinclorac	7969-272	broadleaf weeds	turfgrass broadleaf weed control
<b>Anvil10+103</b>	3-Phenoxybenzyl-(1RS, 3RS; 1RS, 3SR)-2,2-dimethyl-3-(2-methylprop-1-enyl) cyclopropanecarboxylate, *Piperonyl Butoxide	1021-1688-8329	mosquitoes	public safety
<b>Arena</b>	clothianidin .25%	59639-157	turfgrass insects	athletic field disease control
<b>Drive</b>	quinclorac 15.93%	7969-272	broadleaf weeds	athletic field weed control
<b>Speedzone</b>	carfentrazone-ethyl .54% 2,4-D 10.49% Mecopop-p acid 2.66% dicamba acid .67%	2217-835	broadleaf weeds	athletic field weed control
<b>pylex</b>	topremazone 29.7%	7969-327	turf grass weeds	weed control on turf
<b>Spectracide</b>	prallethrin .025% lambda cyhalothrin .010%	9688-19-8845	stinging insects	public safety
<b>Zenivex Drive</b>	etofenprox 4% quinclorac 15.93%	2724-791 7969-272	mosquitoes broadleaf and grassy weeds	public safety control of weeds in athletic fields
<b>speedzone</b>	carfentrazone-ethyl, 2-4D, mecopop-p acid, dicamba acid	2217-835	broadleaf weeds	post emergence control of broadleaf weeds in athletic fields
<b>zenivex</b>	etofenprox 4%	2724-807	mosquitoes	product used by state for public safety

<b>Duet dual action prosecutor pro</b>	prallethrin, sumithrin glyphosate	1021-1795-8329 524-536-10404	mosquitoes industrial turf, and ornamental invasive weeds	public safety structural prevention to sidewalks and to control invasive plant species public safety
<b>Mavrik perimeter</b>	Tau-fluvalinate	2724-478	mosquitoes	public safety
<b>Duet dual action</b>	Prallethrin, sumithrin	1021-1795-8329	mosquitoes	public safety
<b>Mosquito free</b>	cedarwood oil, 2 phenethyl - propionate		mosquitoes	Organic insect repellent
<b>prosecutor pro</b>	glyphosate 41%	524-536-10404	industrial turf, and ornamental weeds, nuisance weeds in asphalt	to maintain appearance and to control invasive weeds while preventing structural damage to sidewalks ant control past threshold limits/tamper free bait station
<b>advance dual choice</b>	n-ethyl perfluorooctanesulfonamide .5%	499-459	ants	ant control past threshold limits/tamper free bait station
<b>Zenivex mavrik perimeter</b>	Etofenprox tau-flavinalinate	2724-791 2724-478	mosquitoes mosquitoes	public safety public safety
<b>barricade</b>	prodiamine .43%	961-362	crabgrass	broadleaf weed control

**M. WELL WATER SYSTEM**

The school has an on site well water system. No pesticide or fertilizer applications will take place within the Zone I of the well.

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

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

\_\_\_\_/\_\_\_\_/\_\_\_\_\_  
Date

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Administrator, Director, or Principal

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Date

Outdoor IPM Plan originally submitted on: 9/3/2019 11:42:00 AM

Plan updated by Joseph Zahner Jr on: 6/4/2024 12:37:00 PM