

# School Integrated Pest Management Plan

## Applegarth School

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Starting July 1, 2018 and

Ending June 30, 2019



IPM Coordinators

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### **1. Integrated Pest Management Statement:**

Integrated Pest Management (IPM) on school property is a long-term approach to maintaining healthy landscapes and facilities that minimizes risks to people and the environment. Instead of routine chemical applications, cultural, mechanical, physical, and biological controls will be employed with selective use of pesticides when needed.

### **2. School IPM Policy:**

#### **An Integrated Pest Management Policy for Applegarth School**

The New Jersey School Integrated Pest Management Act of 2002 requires schools to implement a school integrated pest management policy.

The law requires the superintendent of the school district, for each school in the district, to implement Integrated Pest Management (IPM) procedures to control pests and minimize exposure of children, faculty, and staff to pesticides. Applegarth School complies with this request by maintaining and actively managing an IPM plan. Monroe Township Board of Education, in collaboration with the school building administrator (principal), shall be responsible for the development of the IPM plan for this school.

#### **Integrated Pest Management Procedures in Schools**

Implementation of IPM procedures will determine when to control pests and whether to use mechanical, physical, cultural, biological or chemical methods. Applying IPM principles prevents unacceptable levels of pest damage by the most economical means and with the least possible hazard to people, property, and the environment.

Applegarth School will always consider the full range of management options, including no action at all. Non-pesticide pest management methods are to be used whenever possible. The choice of using a pesticide shall be based on a review of all other available options and a determination that these options are not effective or not reasonable. When it is determined that a pesticide must be used, low impact pesticides and methods are preferred and shall be considered for use first.

The IPM coordinator shall ensure that applicators follow state regulations, including licensing requirements and label precautions, and must comply with all components of the School IPM Policy.

Annually, for public schools, the Principal will report to the local school board on the effectiveness of the IPM plan and make recommendations for improvement as needed. The local school board or other respective governing boards directs the Principal to develop regulations/procedures for the implementation of this policy.

### **3. School IPM ACT – CHAPTER 117**

**AN ACT** concerning the implementation of integrated pest management policies in public and private schools, and supplementing Title 13 of the Revised Statutes.

**BE IT ENACTED** by the Senate and General Assembly of the State of New Jersey:

**C.13:1F-19 Short title.**

1. This act shall be known and may be cited as the "School Integrated Pest Management Act."

**C.13:1F-20 Findings, declarations relative to the "School the Integrated Pest Management Act."**

2. The Legislature finds and declares that in 1992, the National Parent Teacher Association passed a resolution calling for the reduced use of pesticides in schools and calling on policy makers to consider all possible alternatives before using any pesticides; that the National Education Association and many national public interest organizations have announced support for reducing or eliminating pesticide use in schools; that the State, as well as 87 local government entities throughout the State, have adopted integrated pest management policies for their buildings and grounds; that childhood cancer is continuing to increase at the alarming rate of one percent per year; that the overall incidence of childhood cancer increased 10 percent between 1974 and 1991, making cancer the leading cause of childhood death from disease; and that approximately 4,800,000 children in the United States under the age of 18 have asthma, the most common chronic illness in children, and the incidence of asthma is on the rise.

The Legislature further finds and declares that children are more susceptible to hazardous impacts from pesticides than are adults; that numerous scientific studies have linked both cancer and asthma to pesticide exposure; that the United States Environmental Protection Agency has recommended the use of an integrated pest management system by local educational agencies, which emphasizes nonchemical ways of reducing pests, such as sanitation and maintenance; that integrated pest management is an effective and environmentally sensitive approach to pest management that relies on common sense practices; that integrated pest management programs use current, comprehensive information on the life cycles of pests and their interaction with the environment, and that this information, in combination with available pest control methods is used to manage pest damage with the least hazard to people, property and the environment and by economical means; and that integrated pest management programs take advantage of all pest management options possibly including, but not limited to, the judicious use of pesticides; that a notification process should be established for schools under which each student, parent, guardian, staff member, and teacher shall be notified of a pesticide application; that parents and guardians have a right to know that there is an integrated pest management system in their children's schools; that an integrated pest management system provides long-term health and economic benefits; and that parents and guardians should have a right to be notified in advance of any use of a pesticide in their children's schools.

The Legislature therefore determines that it is in the public interest of all of the people of New Jersey that the schools in this State establish an integrated pest management policy.

**C.13:1F-21 Definitions relative to the "School Integrated Pest Management Act."**

3. As used in this act:

"**Charter school**" means a school established pursuant to P.L.1995, c.426 (C.18A:36A-1 et seq.).

"**Commissioner**" means the Commissioner of Environmental Protection.

**"Department"** means the Department of Environmental Protection.

**"Integrated pest management coordinator" or "coordinator"** means an individual who is knowledgeable about integrated pest management systems and has been designated by a local school board, the board of trustees of a charter school, or the principal or chief administrator of a private school, as appropriate, as the integrated pest management coordinator pursuant to section 5 of this act.

**"Low Impact Pesticide"** means any pesticide or pesticidal active ingredient alone, or in combination with inert ingredients, that the United States Environmental Protection Agency has determined is not of a character necessary to be regulated pursuant to the "Federal Insecticide, Fungicide, and Rodenticide Act," 7 U.S.C. s.136 et seq. and that has been exempted from the registration and reporting requirements adopted pursuant to that act; any gel; paste; bait; antimicrobial agent such as a disinfectant used as a cleaning product; boric acid; disodium octoborate tetrahydrate; silica gels; diatomaceous earth; microbe-based insecticides such as bacillus thuringiensis; botanical insecticides, not including synthetic pyrethroids, without toxic synergists; and biological, living control agents.

**"Pesticide"** means any substance or mixture of substances labeled, designed, intended for or capable of use in preventing, destroying, repelling, sterilizing or mitigating any insects, rodents, nematodes, predatory animals, fungi, weeds and other forms of plant or animal life or viruses, except viruses on or in living man or other animals. "Pesticide" shall also include any substance or mixture of substances labeled, designed or intended for use as a defoliant, desiccant or plant regulator.

**"School"** means any public or private school as defined in N.J.S.18A:1-1.

**"School integrated pest management policy"** means a managed pest control policy that eliminates or mitigates economic, health, and aesthetic damage caused by pests in schools; that delivers effective pest management, reduces the volume of pesticides used to minimize the potential hazards posed by pesticides to human health and the environment in schools; that uses integrated methods, site or pest inspections, pest population monitoring, an evaluation of the need for pest control, and one or more pest control methods, including sanitation, structural repair, mechanical and biological controls, other nonchemical methods, and when nonchemical options are ineffective or unreasonable, allows the use of a pesticide, with a preference toward first considering the use of a low impact pesticide for schools.

**"School pest emergency"** means an urgent need to mitigate or eliminate a pest that threatens the health or safety of a student or staff member.

**"School property"** means any area inside and outside of the school buildings controlled, managed, or owned by the school or school district.

**"Staff member"** means an employee of a school or school district, including administrators, teachers, and other persons regularly employed by a school or school district, but shall not include an employee hired by a school, school district or the State to apply a pesticide or a person assisting in the application of a pesticide.

**"Universal notification"** means notice provided by a local school board, a board of trustees of a charter school, or the principal or chief administrator of a private school, as appropriate, to all parents or guardians of children attending a school, and staff members of a school or school district.

**C.13:1F-22 Development of model school integrated pest management policy.**

4. a. No later than 12 months after the effective date of this act, the commissioner, in consultation with the Commissioner of Education, the New Jersey School Boards Association, and the New Jersey Cooperative Extension of Rutgers, The State University shall develop a model school integrated pest management policy that is based upon recommended integrated pest management plans for schools disseminated by the United States Environmental Protection Agency and that conforms to the rules adopted by the department pursuant to the "Pesticide Control Act of 1971," P.L.1971, c.176 (C.13:1F-1 et seq.).

b. No later than 18 months after the effective date of this act, the superintendent of the school district, for each school in the district, the board of trustees of a charter school, and the principal or chief administrator of a private school, shall adopt and implement a school integrated pest management policy for the school property consistent with the model policy developed pursuant to subsection a. of this section and that complies with the provisions of this act.

**C.13:1F-23 Designation of integrated pest management coordinator.**

5. a. Each local school board of a school district, each board of trustees of a charter school, and each principal or chief administrator of a private school, as appropriate, shall designate an integrated pest management coordinator to carry out the school integrated pest management policy required pursuant to section 4 of this act.

b. The integrated pest management coordinator for a school or school district shall:

- 1) maintain information about the school or school district's school integrated pest management policy and about pesticide applications on the school property of the school or the schools within the school district;
- 2) act as a contact for inquiries about the school integrated pest management policy; and
- 3) maintain material safety data sheets, when available, and labels for all pesticides that are used on the school property of the school or of the schools in the school district.

**C.13:1F-24 Maintenance of records of pesticide application; notices of policy.**

6. a. The local school board of a school district, the board of trustees of a charter school, or the principal or chief administrator of a private school, as appropriate, shall request from the pesticide applicator and shall maintain records of pesticide applications used on school property at each school or for each school in the school district for three years after the application, and for five years after the application of a pesticide designed to control termites, and on request, shall make the data available to the public for review.

b. Annually, each local school board, each board of trustees of a charter school, or each principal or chief administrator of a private school, as appropriate, shall include a notice of the school integrated pest management policy of the school or school district in school calendars or other forms of universal notification.

c. The notice shall include:

- 1) the school integrated pest management policy of the school or school district;
- 2) a list of any pesticide that is in use or that has been used in the last 12 months on school property;
- 3) the name, address, and telephone number of the integrated pest management coordinator of the school or school district;
- 4) a statement that: (a) the integrated pest management coordinator maintains the product label and material safety data sheet, when available, of each pesticide that may be used on school property; (b) the label and data sheet is available for review by a parent, guardian, staff member, or student attending the school; and (c) the integrated pest management coordinator is available to parents, guardians, and staff members for information and comment;
- 5) the time and place of any meetings that will be held to adopt the school integrated pest management policy; and
- 6) the following statement:

*"As part of a school pest management plan, (insert school name) may use pesticides to control pests. The United States Environmental Protection Agency (EPA) and the New Jersey Department of Environmental Protection (DEP) register pesticides to determine that the use of a pesticide in accordance with instructions printed on the label does not pose an unreasonable risk to human health and the environment. Nevertheless, the EPA and DEP cannot guarantee that registered pesticides do not pose any risk to human health, thus unnecessary exposure to pesticides should be avoided. The EPA has issued the statement that where possible, persons who are potentially sensitive, such as pregnant women, infants and children, should avoid unnecessary pesticide exposure."*

d. After the beginning of each school year, each local school board, each board of trustees of a charter school, or each principal or chief administrator of a private school, as appropriate, shall provide the notice required pursuant to subsection b. of this section to: (1) each new staff member who is employed during the school year; and (2) the parent or guardian of each new student enrolled during the school year.

**C.13:1F-25 Permitted use of certain pesticides; notice.**

7. a. If a local school board, board of trustees of a charter school or principal or chief administrator of a private school, as appropriate, determines that a pesticide, other than a low impact pesticide, must be used on school property, a pesticide may be used only in accordance with this section.

- b. At least 72 hours before a pesticide, other than a low impact pesticide, is used on school property, the local school board, the board of trustees of a charter school, or the principal or chief administrator of a private school, as appropriate, shall provide to a parent or guardian of each student enrolled at the school and each staff member of the school, notice that includes:

- 1) the common name, trade name, and federal Environmental Protection Agency registration number of the pesticide;
- 2) a description of the location of the application of the pesticide;
- 3) a description of the date and time of application, except that, in the case of outdoor pesticide applications, one notice shall include three dates, in chronological order, on which the outdoor pesticide applications may take place if the preceding date is canceled;
- 4) a statement that The Office of Pesticide Programs of the United States Environmental Protection Agency has stated: "*Where possible, persons who potentially are sensitive, such as pregnant women, infants, and children, should avoid any unnecessary pesticide exposure*";
- 5) a description of potential adverse effects of the pesticide based on the material safety data sheet, if available, for the pesticide;
- 6) a description of the reasons for the application of the pesticide;
- 7) the name and telephone number of the integrated pest management coordinator for the school or the school district; and
- 8) any additional label instruction and precautions related to public safety.

c. The local school board of a school district, the board of trustees of a charter school, or the principal or chief administrator of a private school, as appropriate, may provide the notice required by subsection b. of this section by:

- 1) written notice sent home with the student and provided to each staff member;
- 2) a telephone call;
- 3) direct contact;
- 4) written notice mailed at least one week before the application; or
- 5) electronic mail.

d. If the date of the application of the pesticide must be extended beyond the period required for notice under this section, the local school board, the board of trustees of a charter school, or the principal or chief administrator of a private school, as appropriate, shall reissue the notice required under this section for the new date of application.

#### **C.13:1F-26 Posting of sign prior to use of certain pesticides.**

8. a. At least 72 hours before a pesticide, other than a low impact pesticide, is used on school property, the local school board, the board of trustees of a charter school, or the principal or chief administrator of a private school, as appropriate, shall post a sign that provides notice of the application of the pesticide (1) in a prominent place that is in or adjacent to the location to be treated; and (2) at each entrance to the building or school ground to be treated.

b. A sign required pursuant to subsection a. of this section for the application of a pesticide shall

- 1) remain posted for at least 72 hours after the end of the treatment;
- 2) be at least 8 ½ inches by 11 inches; and
- 3) state the same information as that required for prior notification of the pesticide application pursuant to section 7 of this act.



c. In the case of outdoor pesticide applications, each sign shall include three dates, in chronological order, on which the outdoor pesticide application may take place if the preceding date is canceled due to weather. A sign shall be posted after an outdoor pesticide application in accordance with subsection b. of this section.

d. The requirement imposed pursuant to this section shall be in addition to any requirements imposed pursuant to the "Pesticide Control Act of 1971," P.L.1971, c.176 (C.13:1F-1 et seq.), and any rules or regulations adopted pursuant thereto.

**C.13:1F-27 Applicability of notice and posting requirements.**

9. The provisions of sections 7 and 8 of this act shall apply if any person applies a pesticide, other than a low impact pesticide, on school property, including a custodian, staff member, or commercial applicator. These provisions shall apply to a school during the school year, and during holidays and the summer months, only if the school is in use by children during those periods. During those periods, notices shall be provided to all staff members and the parents or guardians of the students that are using the school in an authorized manner.

**C.13:1F-28 Emergency use of certain pesticides; notice requirements**

10. a. A pesticide, other than a low impact pesticide, may be applied on school property in response to an emergency, without complying with the provisions of sections 7 and 8 of this act, provided the requirements of subsection b. of this section are met.

b. Within 24 hours after the application of a pesticide pursuant to this section, or on the morning of the next school day, whichever is earlier, the local school board, the board of trustees of a charter school, or the principal or chief administrator of a private school, as appropriate, shall provide to each parent or guardian of a student enrolled at the school, and staff member of the school, notice of the application of the pesticide for emergency pest control that includes:

- 1) the information required for a notice under section 7 of this act;
- 2) a description of the problem and the factors that qualified the problem as an emergency that threatened the health or safety of a student or staff member; and (3) if necessary, a description of the steps that will be taken in the future to avoid emergency application of a pesticide pursuant to this section.

c. The local school board, the board of trustees of a charter school, or the principal or chief administrator of a private school, as appropriate, may provide the notice required by subsection b. of this section by: (1) written notice sent home with the student and provided to the staff member; (2) a telephone call; (3) direct contact; or (4) electronic mail.

d. When a pesticide is applied pursuant to this section, the local school board, the board of trustees of a charter school, or the principal or chief administrator of a private school, as appropriate, shall post a sign warning of the pesticide application at the time of the application of the pesticide, in accordance with the provisions of section 8 of this act.

e. If there is an application of a pesticide pursuant to this section, the local school board, the board of trustees of a charter school, or the principal or chief administrator of a private school, as appropriate, shall modify the school integrated pest management policy of the school or school district if necessary, to minimize the future emergency applications of pesticides under this section.

**C.13:1F-29 Application of pesticides; re-entry period requirements**

11. a. A pesticide, other than a low impact pesticide, shall not be applied on school property where students are expected to be present for academic instruction or for organized extra-curricular activities prior to the time prescribed for re-entry to the application site by the United State Environmental Protection Agency on the pesticide label, except that if no specific numerical re-entry time is prescribed on a pesticide label, such a pesticide, other than a low impact pesticide, shall not be applied on school property where students are expected to be present for academic instruction or for organized extra-curricular activities within seven hours of the application.

b. A pesticide, other than a low impact pesticide, shall not be applied in a school building when students are present. Students may not be present in an untreated portion of a school building unless the area being treated with a pesticide, other than a low impact pesticide, is served by a separate ventilation system and is separated from the untreated area by smoke or fire doors.

c. A low impact pesticide may be applied in areas of a school building where students will not contact treated areas until sufficient time is allowed for the substance to dry or settle, or after the period of time prescribed for re-entry or for ventilation requirements on the pesticide label has elapsed.

d. This section shall not apply when pesticides are applied on school property for student instructional purposes or by public health officials during the normal course of their duties.

**C.13:1F-30 Immunity from liability of commercial pesticide applicator.**

12. A commercial pesticide applicator shall not be liable to any person for damages resulting from the application of a pesticide at a school if the damages are solely due to the failure of the local school board, the board of trustees of a charter school, or the principal or chief administrator of a private school, as appropriate, to provide the notice required prior to the application of a pesticide pursuant to the provisions of section 7, 8, 9, or 10 of P.L.2002, c.117 (C.13:1F-25, C.13:1F-26, C.13:1F-27 or C.13:1F-28).

**C.13:1F-31 Development, availability of form for certifying compliance.**

13. The department shall develop and make available to commercial pesticide applicators a form which a commercial pesticide applicator may request an integrated pest management coordinator to sign prior to the application of a pesticide, other than a low impact pesticide, on school property. The form developed pursuant to this section shall set forth a certification by the integrated pest management coordinator that the notice and posting requirements for the application of a pesticide established pursuant to section 7 and section 8 of this act, or the posting requirement established pursuant to section 10 of this act, as appropriate, have been complied with. Upon being presented by a commercial pesticide applicator with a form pursuant to this section, the signature of the integrated pest management coordinator shall be required as a condition for the application of the pesticide.

**C.13:1F-32 Issuance of administrative order; notice of violation.**

14. a. The Department of Environmental Protection may issue an administrative order against a local school board, the board of trustees of a charter school, or a principal or chief administrator of a private school that fails to adopt and implement a pesticide use and school integrated pest management policy in compliance with the provisions of this act. Upon identification of a violation of this act, the department shall issue a notice of violation by certified mail or personal service to the person responsible for the violation that identifies the violation and states that an administrative order may be issued requiring compliance with the act. Any notice of violation or administrative order shall (1) specify the provision or provisions of this act, or the rule or regulation adopted pursuant thereto, of which the person is in violation; (2) cite the action that caused the violation; and (3) require compliance with the provision of this act or the rule or regulation adopted pursuant thereto of which the person is in violation. In addition, any administrative order issued pursuant to this section shall give notice to the person of his right to a hearing on the matters contained in the order. The person shall have 20 days from receipt of the order within which to deliver to the commissioner a written request for a hearing. Subsequent to the hearing and upon finding that a violation has occurred, the commissioner may issue a final order. If no hearing is requested, the order shall become a final order upon the expiration of the 20-day period.

b. The provisions of section 10 of P.L.1971, c.176 (C.13:1F-10) shall not apply to this act.

**C.13:1F-33 Rules, regulations.**

15. The commissioner shall adopt, pursuant to the provisions of the "Administrative Procedure Act," P.L.1968, c.410 (C.52:14B-1 et seq.), such rules or regulations as are necessary to implement the provisions of this Act.

This act shall take effect immediately. Approved December 12, 2002.

**4. Pest Identification: Site Assessment and Ongoing Monitoring**

When the IPM program is implemented at the School, Alliance Commercial Pest Control, Inc. will perform monitoring thorough inspections of all buildings and grounds to identify pest activity and conditions that are contributing to any pest problems.

**Indoor site assessment, Alliance Commercial Pest Control, Inc., will compile a list of:**

- Areas that currently have pests or show signs of pest activity.
- Areas that historically have had pests as well as identifying when this occurs during the school year.
- Conditions or behaviors contributing to pest problems that can be corrected.
- If already in use, location of detection and monitoring devices and bait stations.
- Recommendations for sanitation, structural repairs, and habitat modification.

**Outdoor site assessment** – Facilities Director Jerry Tague will work with Tru Green Lawn Care and Pleasant View Landscaping to review the school grounds:

- Identify locations of trees, shrubs, and ornamentals.
- Assign & divide the landscape into management units (for example, football field turf versus playground).

- Note key plants, any pest problems, and horticultural recommendations.

### **Ongoing Monitoring**

Once a pest is correctly identified, monitoring methods and schedules, as well as controls will be determined based on its life cycle, food sources, habitat preferences, and natural enemies.

### **Indoor**

Pests will be monitored via direct inspection, sticky traps, pheromone baits, tracking powder, mechanical traps, and glue boards as necessary. If baits or traps of any kind are used:

- Each bait station or trap is assigned an identification number.
- A map is prepared showing the location and number of each trap or bait placement.
- Each trap or bait station is marked with appropriate warning language.
- Traps will be checked by Alliance Commercial Pest Control, Inc., weekly during the early stages of solving a serious pest infestation, then taper off to monthly, once the pest problem is under control.
- Captured rodent pests will be recorded and disposed of on a daily basis.

### **Outdoor**

Landscape pests will be monitored via direct inspection:

- Landscape plants are scouted at least monthly during the growing season for conditions requiring action (for example, damaged, diseased, dead limbs; soil erosion/compaction; insect, disease, weed pests and damage).
- Plants with annually recurring pest problems will be scouted according to pest appearance timetables.

### **Monitoring Records**

Alliance Commercial Pest Control, Inc. will maintain and keep records of any pest monitoring, including traps (see Appendix for sample 'IPM Pest Activity Monitoring and Control Log').

## **5. Pest Prevention and Control**

Wherever possible, Applegarth School will take a preventive approach by identifying and removing, to the degree feasible, the basic causes of the problem rather than merely attacking the symptoms (the pests).

IPM employs a multi-tactic approach, integrating several strategies to combat a particular pest. Control strategies that remove a pest's food, water, and shelter (harborage), and limit its access into and throughout buildings and on school grounds will be employed as follows:

- **Cultural Control**: Improve sanitation and reducing clutter; maintain plant health by taking care of the habits and conditions; fertilization, plant selection (right plant/right place), and sanitation to exclude problematic pests and weeds.
- **Physical Control**: Pest exclusion; removing pest access to the school building by sealing openings with caulk and copper mesh; repairing leaks and screens; removing pests by hand.

- **Mechanical Control**: Insect monitors, light traps, rodent traps; till soil prior to planting to disrupt pest life cycles.
- **Biological Control**: Use of pest's natural enemies. For example, introduce beneficial insects or bacteria to the environment or, if they already exist, provide them with the necessary food and shelter; and avoid using broad-spectrum chemicals that will inadvertently kill beneficial.
- **Least hazardous chemical controls**: With preference given to School IPM Act-defined 'low impact pesticides'.

Pesticides will be selected when other control methods are not effective or practical in resolving a pest problem. Pesticides will not be used on Applegarth School property unless both the pest has been identified and its presence verified. It is neither possible, nor desirable to completely exterminate every pest and potential pest from every population on school property.

Robert Lempfert, will establish injury (also known as tolerance or threshold) levels and action thresholds for each individual pest species before making any chemical treatment. Action Thresholds for pesticide treatment are triggered if all other IPM tactics have not been able to control pest populations to an acceptable level. Appropriate injury levels will be set, and may take into consideration economic losses (for example, amount of foodstuffs contaminated by pantry pests); health risks (for example, occurrence of disease-bearing pests); aesthetic evaluations (for example, temporary presence of ants); nuisance problems (for example, stinging insects); and pest visibility [see Appendix for a sample 'Indoor Pest Thresholds' for your modification].

The New Jersey School IPM **law defines** 'low impact pesticides' and necessarily creates the distinction 'non low impact pesticides' for other pesticides not meeting their definition. The law and resulting model policy published by DEP make it clear that when pesticide use is needed, preference should be given to choosing a 'low impact pesticide', if possible. The School will give preference to choosing a 'low impact pesticide', as described below.

A low impact pesticide is a pesticide that is considered to have relatively minimal risk as compared to pesticides in general. The New Jersey School IPM law specifically defines what a low impact pesticide is in two parts. The first part consists of a federal EPA list of pesticides that it considers to be minimal risk and thus do not require formal registration. These pesticides are listed in the federal code at 40 CFR § 152.25. (See <http://www.pestmanagement.rutgers.edu/IPM/SchoolIPM/NJAct/40cfr15225.pdf>). The second part consists of a list of pesticide ingredients (such as boric acid or diatomaceous earth) and formulation types (such as gels or pastes) that are considered low impact. It is important to note that a substance considered "low impact" does not necessarily mean zero risk. All pesticides must be used properly to reduce potential risk from their use.

When it is determined that a non low impact pesticide must be applied to adequately control pests within established thresholds, application guidelines **per the law** will be followed. Specifically, non low impact pesticides will be applied in a school building only when students are in another area of the building AND only if the area being treated with the pesticide is served by a different air handling system and is separated from the students by smoke or fire doors. Further, applications of non low impact pesticides on school property will be made in advance of when students will be present for instruction or extra-curricular activities, allowing for any label-prescribed entry restrictions; if there is no re-entry interval listed on the label, a minimum of 7 hours will be allowed prior to student re-entry on school property.

**Per the law**, emergency application of a non-low impact pesticide will only be made when the health or safety of a student or staff member is threatened. A "school pest emergency" is defined in the law as "an urgent

need to mitigate or eliminate a pest that threatens the health or safety of a student or staff member." One example would be the presence of stinging insects such as ground hornets in an athletic field where events are scheduled. If a pest emergency exists, the school may use pesticides without the normal 72-hour pre-notification to parents and staff, and the advance posting of signs. Rather, the posting must be done at the time of the application, and the notice to parents and staff must be done within 24 hours after the emergency application. The notice that goes to parents and staff must explain what the reason for the emergency was, and if possible, what could be done to prevent such an emergency use next time.

Treatments, whether pesticides or low impact pesticide materials, will only be applied on school property when and where needed. It is rarely necessary to treat an entire building or landscape area to solve a pest problem. Monitoring will be used to pinpoint where pest numbers are beginning to reach the action level and 'spot' treatments' will be confined to those areas.

The School IPM Coordinator and Alliance Commercial Pest Control, Inc. will meet monthly to cover monitoring reports and determine corrective action. Alliance Commercial Pest Control, Inc. should make recommendations for corrective actions to the School IPM Coordinator. They will consider all options, including no control, and look at pest activity levels versus thresholds.

They will consider EPA-defined criteria for selecting a treatment strategy:

1. Least hazardous to human health
2. Least disruptive of natural controls
3. Least toxic to non-target organisms
4. Most likely to be permanent
5. Easiest to carry out safely and effectively
6. Most cost-effective
7. Most site-appropriate

They will generate a pest management priority list to optimize a plan of corrective actions (see Appendix for a sample 'IPM Priorities' checklist as a resource for many preventative and corrective measures). Robert Lempfert, Facilities Supervisor will assign and contact the appropriate staff to carry out individual tasks on the checklist.

All controls that are actually implemented should be documented in the log by Alliance Commercial Pest Control, Inc., (see Appendix for sample 'IPM Pest Activity Monitoring and Control Log').

## APPENDICES

# Pest Problem Report



Date: \_\_\_\_\_  
To: Jerry Tague/Robert Lempfert, School IPM Coordinator  
From: William Shearn, Applegarth School Head Custodian  
Subject: Pest Problem Report  
Date and time witnessed problem: \_\_\_\_\_  
Location (Building name/Room #/name/outdoor area): \_\_\_\_\_

I have seen either pests or signs of pest activity as checked below:

## Insect and spider pests

- Ants
- Flies
- Fleas
- Spiders
- Cockroaches
- Termites
- Firebrats, silverfish, & booklice
- Pantry pests: adult moths, larvae in foodstuffs
- Wasps, hornets, or bees
- Spider webs
- Droppings
- Damaged wood
- Mud tunnels
- Piles of wings near windows
- Frass: Debris or excrement produced by insects; for example, chewed wood debris from carpenter ants. Includes suspicious piles of fine dust or powder.
- Wasp mud or paper nests
- Eggs and egg sacs
- Silk shelters and cocoons
- Holes in fabric

## Mice and other rodents

- Droppings
- Urine stains
- Tracks (in dust or soft, moist soil)
- Gnawing damage
- Burrows next to walls around the exterior of structure
- "Runways" (areas where rodents frequently run, usually along walls, where there is an absence of dust or dirt)
- Grease marks along walls next to runways (from oil and dirt on rodent fur)
- Live rodents
- Dead rodent (please call immediately!)
- Rodent odors (especially mice); strong odor if dead







COMMERCIAL PEST CONTROL, INC.

**Integrated Pest Management (“IPM”) Pest Sighting Log Book**

**School Year:** \_\_\_\_\_

**School Name:** \_\_\_\_\_

**IPM Coordinator:** \_\_\_\_\_ **Phone #:** \_\_\_\_\_

**Daytime Supervisor:** \_\_\_\_\_ **Phone #:** \_\_\_\_\_

**Evening Supervisor:** \_\_\_\_\_ **Phone #:** \_\_\_\_\_

Pest Sighting Information				Follow Up Actions Taken by School		Alliance Only
Date & Time of Pest Sighting	Pest Description and Approx. # of Pests	Room # and Specific Location of Pest	Person Reporting Pest Sighting	Control Measures (List All Actions Taken, including Education, Sanitation, Structural, etc.)	Staff Member Name	Initials and Date Inspected



# Applegarth School Indoor Pest Thresholds



Pest	Classrooms/ Public Areas	Storage/ Maintenance Areas	Infirmary	Kitchen/ Cafeteria	Grounds
Ants (common house)	10/room	5/100 ft <sup>2</sup> in 2 successive periods	1/room	3/room	2 mounds/yard
Ants (carpenter)	10/room	3/room	1/room	2/room	1 nest within 25 ft.
Bees (honey)	7/room	3/room	1/room	1/room	If children threatened
Bees (bumble)	7/room	3/room	1/room	1/room	If children threatened
Bees (carpenter)	7/room	3/room	1/room	1/room	If children threatened; 1 carpenter bee/5 linear feet
Cockroaches	3/room	5/room	1/room	1/room	If noticeable or invading
Crickets	5/room	10/room	1/room	2/room	If nuisance
House Flies	5/room	5/room	1/room	1/room	5/trash can; 10/dumpster
Lice (head or body)	<i>Take no action, refer to nurse</i>				
Mice	1/room	1/room	1/room	1/room	Burrows or activity in any student area
Rats	1/room	1/room	1/room	1/room	Any burrows/activity
Silverfish	1/room	2/room	1/room	2/room	N/A
Centipede	1/room	2/room	1/room	2/room	N/A
Spiders (poisonous)	1/room	1/room	1/room	1/room	1/activity area
Spiders (others)	1/room	3/room	1/room	1/room	Only if nuisance
Wasps, Hornets, Yellowjackets	1/room	1/room	1/room	1/room	10/10 minutes at trash; 1 if threatening children

Source: Maryland Department of Agriculture Pesticide Regulation Section.

“Action Thresholds in School IPM Programs” Supplemental Materials for  
Integrated Pest Management - IPM Training Manual. Printed May 2000.

Accessed 4/27/04 at <http://www.mda.state.md.us/plant/ipmacthr.pdf>.

Now posted @ <http://www.pestmanagement.rutgers.edu/IPM/SchoolIPM/ActionThresh.pdf>

# IPM Priorities Checklist

## Applegarth School



Date Generated: \_\_\_\_\_ By: William Shearn, Head Custodian

The following is a checklist of pest prevention and control measures that may be necessary in key areas throughout the school facility. This list should be used by the School IPM Coordinator as a working document to keep track of priorities for pest management at the school by location and responsible party. Check all that apply. Indicate responsible party for fixing the problem at location(s) listed. Use and attach maps as key for locations if necessary. It should be first completed after the preliminary site assessment of the School. Update and revise as needed.

Priorities	Responsible Party	Location(s): name or map key
<b>INDOORS</b>		
<b>Entryways (including doorways, overhead doors, windows, holes in exterior walls, electrical fixtures, openings around pipes, drains, ducts and loading docks)</b>		
<input type="checkbox"/> close doors which are propped or left open; advise staff		
<input type="checkbox"/> install weather-stripping and door sweeps		
<input type="checkbox"/> caulk and seal wall cracks and crevices		
<input type="checkbox"/> install screens in doors and windows and keep them in good repair		
<input type="checkbox"/> keep shrubs, grass, and mulches at least one foot away from buildings		
<input type="checkbox"/> eliminate food waste and debris from loading docks		
<b>Classrooms and Offices (including classrooms, laboratories, libraries, administration offices, auditoriums, gymnasiums, hallways, and stairways)</b>		
<input type="checkbox"/> allow food and beverages in designated areas only (see below)		
<input type="checkbox"/> prohibit the extended storage of food in desks and lockers		
<input type="checkbox"/> regularly clean lockers and desks		
<input type="checkbox"/> lockers are emptied & cleaned twice a year: at winter break and at the end of each school year		
<input type="checkbox"/> store craft supplies and pet food in tightly sealed containers		
<input type="checkbox"/> inspect plants and animals (for example: science projects, houseplants) regularly for pest problems; maintain animal cage cleanliness		
<input type="checkbox"/> keep areas as dry as possible by fixing dripping faucets and leaks, and removing standing water and water-damaged or wet materials.		
<input type="checkbox"/> Traps or monitors:		
<input type="checkbox"/> low impact pesticide application (only if /where necessary):		
<input type="checkbox"/> non low impact pesticide application (only if/where necessary):		
<b>Waste Disposal and Recycling Areas (including garbage cans, dumpsters, recycling bins, and outdoor garbage storage areas)</b>		
<input type="checkbox"/> secure dumpsters with heavy, tight-fitting lids		
<input type="checkbox"/> clean the outsides of dumpsters regularly; check and clean up spills		
<input type="checkbox"/> dispose of food wastes securely in tightly secured plastic bags		

<input type="checkbox"/> clean in, under, and around recycling bins routinely		
<input type="checkbox"/> remove recyclables to outside disposal frequently		
<input type="checkbox"/> all waste receptacles are lined with plastic bags		
<input type="checkbox"/> garbage cans are emptied daily		
<input type="checkbox"/> stored waste is collected and moved off site at least [insert: once/twice] weekly		
<input type="checkbox"/> traps or monitors:		
<input type="checkbox"/> low impact pesticide application (only if /where necessary):		
<input type="checkbox"/> non low impact pesticide application (only if/where necessary):		
<b>Food Preparation and Serving Areas (including cafeteria, kitchen, teacher's lounge, home economics room, snack area, vending machines, food storage areas, and walk-in coolers)</b>		
<input type="checkbox"/> store food, beverages and food wastes in tightly sealed, lidded containers that are inaccessible to pests		
<input type="checkbox"/> remove food waste daily		
<input type="checkbox"/> screen vents, windows, and floor drains to prevent cockroaches and other pests from using unscreened ducts or vents as pathways		
<input type="checkbox"/> keep area clean and dry by sweeping and mopping		
<input type="checkbox"/> keep area clean by quickly disposing of food waste		
<input type="checkbox"/> keep clean work areas with coffee machines, and microwave and toaster ovens		
<input type="checkbox"/> keep area clean by removing clutter		
<input type="checkbox"/> keep area clean and dry by fixing leaky pipes and faucets		
<input type="checkbox"/> clean grease traps regularly		
<input type="checkbox"/> remove grease accumulation from all vents/oven/stove surfaces		
<input type="checkbox"/> caulk cracks and crevices		
<input type="checkbox"/> clean behind and underneath appliances, coolers, vending machines, and waste disposal units at least monthly		
<input type="checkbox"/> floors are cleaned and/or vacuumed daily where food/drink is served.		
<input type="checkbox"/> trash and garbage is removed from building premises daily in areas where food/drink is served.		
<input type="checkbox"/> Traps or monitors:		
<input type="checkbox"/> low impact pesticide application (only if /where necessary):		
<input type="checkbox"/> non low impact pesticide application (only if/where necessary):		
<b>Maintenance Room Areas and Areas with Extensive Plumbing (including bathrooms, sinks, utility closets, locker rooms, dish rooms, laboratories, art studios, home economics rooms, pool areas, boiler room, mechanical room, mop room, and pipe chases)</b>		
<input type="checkbox"/> repair leaks and other plumbing problems immediately to deny pests access to water		
<input type="checkbox"/> avoid conditions that allow formation of condensation. Areas that never dry out are conducive to molds and fungi. Increasing ventilation may be necessary.		
<input type="checkbox"/> clean floor drains routinely		
<input type="checkbox"/> clean mops and buckets promptly, dry buckets and hang mops off of floor above drain		
<input type="checkbox"/> seal pipe chases		
<input type="checkbox"/> eliminate piles of clutter		
<input type="checkbox"/> remove trash regularly		

<input type="checkbox"/> traps or monitors:		
<input type="checkbox"/> low impact pesticide application (only if /where necessary):		
<input type="checkbox"/> non low impact pesticide application (only if/where necessary):		
<b>OUTDOORS</b>		
<input type="checkbox"/> Typical Pests; Mice and rats. Turf pests; broad leaf and grassy weeds, insects such as beetle grubs or sod web worms, diseases such as brown patch, and vertebrates such as moles. Ornamental plant pests, plant diseases, and insects such as thrips, aphids, Japanese beetles, and bag worms.		
<b>Playgrounds, Parking Lots, Athletic Fields, Loading Docks, and Refuse Dumpsters</b>		
<input type="checkbox"/> Regularly clean trash containers and gutters and remove all waste, especially food and paper debris.		
<input type="checkbox"/> Secure lids on trash containers.		
<input type="checkbox"/> Repair cracks in pavement and side walks.		
<input type="checkbox"/> Provide adequate drainage away from the structure and on the grounds.		
<input type="checkbox"/> Low impact pesticide application:		
<input type="checkbox"/> Non low impact pesticide application:		
<b>Turf (lawns, athletic fields, and playgrounds.)</b>		
<input type="checkbox"/> Maintain healthy turf by selecting a mixture of turf types (certified seed, sod, or plugs) best adapted for the area.		
<input type="checkbox"/> Check Rutgers Cooperative Extension for recommendations on turf types, management practices, or other information.		
<input type="checkbox"/> Raise mowing heights for turf to enhance its competition with weeds; adjust cutting height of mower, depending on the grass type; sharpen mower blades; and vary mowing patterns to help reduce soil compaction.		
<input type="checkbox"/> Water turf infrequently but sufficiently during morning hours to let turf dry out before nightfall; let soil dry slightly between waterings.		
<input type="checkbox"/> Provide good drainage, and periodically inspect turf for evidence of pests or diseases.		
<input type="checkbox"/> Allow grass clippings to remain in the turf (use a mulching mower or mow often) or compost with other organic material.		
<input type="checkbox"/> Have soil tested to determine pH and fertilizer requirements.		
<input type="checkbox"/> Use a dethatcher to remove thatch. Do this in early fall or early spring when the lawns can recover and when over seeding operations are likely to be more successful.		
<input type="checkbox"/> Time fertilizer application appropriately, because excessive fertilizer can cause additional problems, including weed and disease outbreaks. Apply lime if necessary. Use aeration to place soil on top of thatch so microbes from soil can decompose thatch.		
<input type="checkbox"/> Seed over existing turf in fall or early spring.		
<input type="checkbox"/> low impact pesticide application (only if /where necessary):		
<input type="checkbox"/> non low impact pesticide application (only if/where necessary):		
<b>Ornamental Shrubs and Trees</b>		

<input type="checkbox"/> Choose the right plant for the right place by consulting the Rutgers Cooperative Extension agents (see 'commercial clients' phone listings @ <a href="http://www.rce.rutgers.edu/mastergardeners/helplines.asp">http://www.rce.rutgers.edu/mastergardeners/helplines.asp</a> ) for your County.		
<input type="checkbox"/> Diversify landscape plantings—when large areas are planted with a single species of plant, a pest can devastate the entire area.		
<input type="checkbox"/> Apply fertilizer and nutrients to annuals and perennials during active growth and to shrubs and trees during dormant season or early in the growing season.		
<input type="checkbox"/> If using fertilizer, use the correct one at the suitable time, water properly, and reduce compaction.		
<input type="checkbox"/> Prune branches for growth and structure, and to prevent access by pests to structures.		
<input type="checkbox"/> Use the appropriate pest-resistant variety (check with your local Cooperative Extension Service).		
<input type="checkbox"/> Correctly identify the pest in question. When in doubt, send several specimens to your local Rutgers Cooperative Extension County office or the Plant Diagnostic lab. Once the pest is identified, recommendation can be made.		
<input type="checkbox"/> Use pheromone traps as a time saving technique for determining the presence and activity periods or certain pest species.		
<input type="checkbox"/> Select replacement plant material from disease-resistant types being developed by plant breeders throughout the country.		
<input type="checkbox"/> Remove susceptible plants if a plant disease recurs and requires too many resources, such as time, energy, personnel, or money.		
<input type="checkbox"/> low impact pesticide application (only if /where necessary):		
<input type="checkbox"/> non low impact pesticide application (only if/where necessary):		





## Directions for Completing Pesticide Application Log:

**Purpose:** The 'Pesticide Application Record' Log will be used to compile an ongoing list of all pesticides applied at the school. It will be supplied to the public upon request. It will also be submitted with the annual notification of school IPM program status to parents and guardians of all students enrolled at the school, and staff.

**Responsible Party:** Robert Lempfert, will complete the 'Pesticide Application Record'. It will remain on file with William Shearn, Head Custodian and will be located at Applegarth School's Main Office.

### How to Fill Out:

1. Notice: For non-low impact pesticide applications only, place a checkmark in either standard or emergency notice as applicable.
  - a) Standard notice is 72 hours prior to the application of the pesticide.
  - b) Emergency notice is within 24 hours or the next day (whichever is sooner) after the application.
2. Date of notification: For non-low impact pesticides, insert when notice was released to parents and guardians of all students, and staff. For low impact pesticides, insert NA for 'not applicable'.
3. Date and time of application: Date that the application actually occurred.
4. Location should include:
  - a) For indoors: the building name or number; room name or number; other specific location such as hallways.
  - b) For outdoors: location relative to building(s); or the field name or use; other description.
5. Targeted pest as identified by sighting, monitoring, or sampling of pest.
6. Write the pesticide brand name as it appears on the label of the product. Write the active ingredient(s) as listed in the 'percent ingredients' section of the pesticide label; this is the same thing as the 'common name' of the pesticide.
7. Write the EPA Registration Number of the pesticide product as found on the product label. It is typically written as 'EPA Reg. Number' OR 'EPA Reg. #'.

### When to Fill Out:

1. Complete as soon as possible after the pesticide is actually applied at the location.

# Annual Integrated Pest Management Notice For School Year 2018 - 2019

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Dear Parent, Guardian, or Staff Member:

This notice is being distributed to comply with the New Jersey School Integrated Pest Management Act. Applegarth School has an Integrated Pest Management (IPM) Policy and has implemented an IPM Plan to comply with this law. IPM is a holistic, preventive approach to managing pests that is explained further in the Applegarth School's IPM Policy included with this notice.

All schools in New Jersey are required to have an Integrated Pest Management Coordinator (IPM Coordinator) to oversee all activities related to IPM and pesticide use at the school.

The IPM Coordinators for Applegarth School is:

Name of IPM Coordinator: Jerry Tague/Robert Lempfert

Business Phone number: 732-521-1500

Business Address: 423 Buckelew Ave., Monroe Twp., NJ 08831

The IPM Coordinator maintains the pesticide product label, and the Material Safety Data Sheet (MSDS), of each pesticide product that may be used on school property. The label and the MSDS are available for review by a parent, guardian, staff member, or student attending the school. Also, the IPM Coordinator is available to parents, guardians, and staff members for information and to discuss comments about IPM activities and pesticide use at the school.

As part of a school pest management plan Applegarth School may use pesticides to control pests. The United States Environmental Protection Agency (EPA) and the New Jersey Department of Environmental Protection (DEP) register pesticides to determine that the use of a pesticide in accordance with instructions printed on the label does not pose an unreasonable risk to human health and the environment. Nevertheless, the EPA and the DEP cannot guarantee that registered pesticides do not pose any risk to human health, thus unnecessary exposure to pesticides should be avoided. The EPA has issued the statement that where possible, persons who are potentially sensitive, such as pregnant women, infants and children, should avoid unnecessary pesticide exposure.

# NOTIFICATION OF THE USE OF PESTICIDES (72 HOUR NOTICE)

To: Parents/guardians of students, and staff of Applegarth School

From: The School IPM Coordinator

Name:

Phone:

The following pesticides will be used at Applegarth School:

Pesticide Trade Name	Pesticide Common Name	EPA Registration Number

The Location, Date and Time where the application will take place:

Date	Time	Location

- Reason for the pesticide application:
- Description of the possible adverse effects of the pesticide(s) as per the Material Safety Data Sheets for the pesticide(s) to be used, if available:
- Pesticide product label instructions and precautions related to public safety:

**Note:** as required by law, we are advising you of the following statement:

The Office of Pesticide Programs of the United States Environmental Protection Agency has stated: "Where possible, persons who potentially are sensitive, such as pregnant women, infants, and children, should avoid any unnecessary pesticide exposure."

# NOTIFICATION OF THE USE OF PESTICIDES (EMERGENCY NOTICE)



To: Parents/guardians of students, and staff of Applegarth School

From: The School IPM Coordinator

Name: \_\_\_\_\_

Phone: \_\_\_\_\_

This notice is to advise you that the following pesticides were used at Applegarth School:

Pesticide Common Name	Pesticide Trade Name	EPA Registration Number

The Location, Date and Time the indoor or outdoor application took place:

Date	Time	Location

Reason for the pesticide application: \_\_\_\_\_

Description of the problem and the factors that qualified the problem as an emergency that threatened the health or safety of a student or staff member:

\_\_\_\_\_

If applicable, description of steps to be taken to avoid emergency use of pesticides for this problem in the future:

\_\_\_\_\_

Description of the possible adverse effects of the pesticide(s) as per the Material Safety Data Sheets for the pesticide(s) to be used, if available:

\_\_\_\_\_

Pesticide product label instructions and precautions related to public safety:

\_\_\_\_\_

Note: as required by law, we are advising you of the following statement:

The Office of Pesticide Programs of the United States Environmental Protection Agency has stated: "Where possible, persons who potentially are sensitive, such as pregnant women, infants, and children, should avoid any unnecessary pesticide exposure."



**COMMERCIAL PEST CONTROL, INC.**

1 Steven Avenue  
Tinton Falls, New Jersey 07724  
(Toll Free) 800-698-4530 (Fax) 732-747-6095

School Integrated Pest Management (IPM) Compliance Certification Form

Name of School: Applegarth School  
School Address: 227 Applegarth Road  
Monroe Township, NJ 08831

School IPM Coordinator:

When a commercial pesticide applicator requests an Integrated Pest Management (IPM) Coordinator to certify that the school has met the necessary record keeping, notification and posting requirements for a pesticide application on school property, the signature of the IPM Coordinator on this form shall be required as a condition for the application of the pesticide.

**Statement certifying compliance:**

"I hereby certify that I am the School IPM Coordinator for the school named above, and further certify that this school has met all of the logging, notification and posting requirements necessary for the following application of a pesticide other than a low impact pesticide, on this school's property."

School IPM Coordinator: \_\_\_\_\_  
SIGNATURE MM/DD/YYYY

Application date and time: \_\_\_\_\_  
MM/DD/YYYY TIME

Description of application location (e.g., room number, specific location):

Pesticides to be used: \_\_\_\_\_ EPA Registration #: \_\_\_\_\_

**Alliance Use Only:**

Date/Time Received: \_\_\_\_\_ Received By: \_\_\_\_\_

Treatment Date/Time: \_\_\_\_\_

Instructions: Sign and fax back the 1<sup>st</sup> page of this form to 732-747-6095. The 2<sup>nd</sup> page is for your information/records.

**C.13:1F-25 Permitted use of certain pesticides; notice.**

7. a. If a local school board, board of trustees of a charter school or principal or chief administrator of a private school, as appropriate, determines that a pesticide, other than a low impact pesticide, must be used on school property, a pesticide may be used only in accordance with this section.

b. At least 72 hours before a pesticide, other than a low impact pesticide, is used on school property, the local school board, the board of trustees of a charter school, or the principal or chief administrator of a private school, as appropriate, shall provide to a parent or guardian of each student enrolled at the school and each staff member of the school, notice that includes:

- (1) the common name, trade name, and federal Environmental Protection Agency registration number of the pesticide;
- (2) a description of the location of the application of the pesticide;
- (3) a description of the date and time of application, except that, in the case of outdoor pesticide applications, one notice shall include three dates, in chronological order, on which the outdoor pesticide applications may take place if the preceding date is canceled;
- (4) a statement that The Office of Pesticide Programs of the United States Environmental Protection Agency has stated: "Where possible, persons who potentially are sensitive, such as pregnant women, infants, and children, should avoid any unnecessary pesticide exposure";
- (5) a description of potential adverse effects of the pesticide based on the material safety data sheet, if available, for the pesticide;
- (6) a description of the reasons for the application of the pesticide;
- (7) the name and telephone number of the integrated pest management coordinator for the school or the school district; and
- (8) any additional label instruction and precautions related to public safety.

c. The local school board of a school district, the board of trustees of a charter school, or the principal or chief administrator of a private school, as appropriate, may provide the notice required by subsection b. of this section by:

- (1) written notice sent home with the student and provided to each staff member;
- (2) a telephone call;
- (3) direct contact;
- (4) written notice mailed at least one week before the application; or
- (5) electronic mail.

**C.13:1F-26 Posting of sign prior to use of certain pesticides.**

8. a. At least 72 hours before a pesticide, other than a low impact pesticide, is used on school property, the local school board, the board of trustees of a charter school, or the principal or chief administrator of a private school, as appropriate, shall post a sign that provides notice of the application of the pesticide (1) in a prominent place that is in or adjacent to the location to be treated; and (2) at each entrance to the building or school ground to be treated.

b. A sign required pursuant to subsection a. of this section for the application of a pesticide shall (1) remain posted for at least 72 hours after the end of the treatment; (2) be at least 8 ½ inches by 11 inches; and (3) state the same information as that required for prior notification of the pesticide application pursuant to section 7 of this act.

c. In the case of outdoor pesticide applications, each sign shall include three dates, in chronological order, on which the outdoor pesticide application may take place if the preceding date is canceled due to weather. A sign shall be posted after an outdoor pesticide application in accordance with subsection b. of this section.

d. The requirement imposed pursuant to this section shall be in addition to any requirements imposed pursuant to the "Pesticide Control Act of 1971," P.L.1971, c.176 (C.13:1F-1 et seq.), and any rules or regulations adopted pursuant thereto.

**C.13:1F-28 Emergency use of certain pesticides.**

10. a. A pesticide, other than a low impact pesticide, may be applied on school property in response to an emergency, without complying with the provisions of sections 7 and 8 of this act, provided the requirements of subsection b. of this section are met.

b. Within 24 hours after the application of a pesticide pursuant to this section, or on the morning of the next school day, whichever is earlier, the local school board, the board of trustees of a charter school, or the principal or chief administrator of a private school, as appropriate, shall provide to each parent or guardian of a student enrolled at the school, and staff member of the school, notice of the application of the pesticide for emergency pest control that includes: (1) the information required for a notice under section 7 of this act; (2) a description of the problem and the factors that qualified the problem as an emergency that threatened the health or safety of a student or staff member; and (3) if necessary, a description of the steps that will be taken in the future to avoid emergency application of a pesticide pursuant to this section.

c. The local school board, the board of trustees of a charter school, or the principal or chief administrator of a private school, as appropriate, may provide the notice required by subsection b. of this section by: (1) written notice sent home with the student and provided to the staff member; (2) a telephone call; (3) direct contact; or (4) electronic mail.

d. When a pesticide is applied pursuant to this section, the local school board, the board of trustees of a charter school, or the principal or chief administrator of a private school, as appropriate, shall post a sign warning of the pesticide application at the time of the application of the pesticide, in accordance with the provisions of section 8 of this act.

e. If there is an application of a pesticide pursuant to this section, the local school board, the board of trustees of a charter school, or the principal or chief administrator of a private school, as appropriate, shall modify the school integrated pest management policy of the school or school district if necessary, to minimize the future emergency applications of pesticides under this section.

# NOTICE OF PESTICIDE APPLICATION

For further information regarding this notice please contact the School IPM Coordinator:

Jerry Tague/Robert Lempfert Phone Number: 732-521-1500  
Name

The following pesticides will be used at Applegarth School:

Pesticide Common Name	Pesticide Trade Name	EPA Registration Number
Pesticide Common Name	Pesticide Trade Name	EPA Registration Number

The Location, Date and Time where the application will take place:

Date	Time	Location

In the case of an outdoor application, 3 dates must be listed, in chronological order, on which the outdoor application may take place if the preceding date is cancelled.

**DO NOT ENTER TREATED AREAS FOR A MINIMUM OF 7 HOURS AFTER TREATMENT HAS BEEN COMPLETED**

**RE-ENTRY TIME FOR THIS TREATMENT IS:** \_\_\_\_\_

- Reason for the pesticide application: \_\_\_\_\_
- Description of the possible adverse effects of the pesticide(s) as per the Material Safety Data Sheets for the pesticide(s) to be used, if available: N/A
- Pesticide product label instructions and precautions related to public safety: N/A

Note: as required by law, we are advising you of the following statement:

The Office of Pesticide Programs of the United States Environmental Protection Agency has stated: "Where possible, persons who potentially are sensitive, such as pregnant women, infants, and children, should avoid any unnecessary pesticide exposure."

**TO BE REMOVED BY AUTHORIZED PERSONNEL ONLY**



**MONROE TOWNSHIP BOARD OF EDUCATION**  
**Annual Integrated Pest Management Notice**  
**For School Year 2017-2018**

Dear Parent, Guardian or Staff Member:

This notice is being distributed to comply with the New Jersey School Integrated Pest Management Act. The Monroe Township School District has adopted an Integrated Pest Management (IPM) Policy and has implemented an IPM Plan to comply with this law. IPM is a holistic, preventive approach to managing pests that is explained further in the school's IPM Policy included with this notice. The Building & Grounds/Transportation Committee will meet in September 2018 at the Monroe Township Board of Education, central administration building located at 423 Buckelew Avenue, Monroe Twp., NJ 08831 for the purpose of performing its annual review of the IPM plan. The date and time of the meeting will be announced on the district website [www.monroe.k12.nj.us](http://www.monroe.k12.nj.us) and is open to the public.

All schools in New Jersey are required to have an Integrated Pest Management Coordinator (IPM Coordinator) to oversee all activities related to IPM and pesticide use at the school.

The IPM Coordinator for Monroe Township School District is:

Name of IPM Coordinator: Jerry Tague  
Business Phone Number: 732-521-1500  
Business Address: 423 Buckelew Avenue, Monroe Twp., NJ 08831

The IPM Coordinator maintains the pesticide product label, and the Material Safety Data Sheet (MSDS) (when one is available), of each pesticide product that may be used on school property. The label and the MSDS are available for review by a parent, guardian, staff member or student attending the school. Also, the IPM Coordinator is available to parents, guardians and staff members for information and to discuss comments about IPM activities and pesticide use at the school.

As part of a school pest management plan Monroe Township Board of Education may use pesticides to control pests. The United States Environmental Protection Agency (EPA) and the New Jersey Department of Environmental Protection (DEP) register pesticides to determine that the use of a pesticide in accordance with instructions printed on the label does not pose an unreasonable risk to human health and the environment. Nevertheless, the EPA and the DEP cannot guarantee that registered pesticides do not pose any risk to human health, thus unnecessary exposure to pesticides should be avoided. The EPA has issued the statement that where possible, persons who are potentially sensitive, such as pregnant women, infants and children, should avoid unnecessary pesticide exposure.

The following pesticides have been used at these locations in the past 12 months:

Applegarth School:

<b>Trade Name</b>	<b>Common Name</b>	<b>EPA Registration #</b>
Maxforce FC Professional Ant Killer Gel	Fipronil	432-1264

Oak Tree School:

<b>Trade Name</b>	<b>Common Name</b>	<b>EPA Registration #</b>
Advion Ant Gel Bait	Indoxacarb	100-1498
Maxforce FC Professional Ant Killer Gel	Fipronil	432-1264
Liquid Fertilizer	17-0-5 Fertilizer	UREA N2H4CO 57-13-6
Dry Fertilizer	19-0-5 Fertilizer	Potassium Chloride KCl 7447-40-7
Tru-Power	Selective Herbicide Broadleaf Weed Control	282-262
Tri-Power		228-551
Dismiss	Herbicide	279-3295
Quinchlorac	Crabgrass Killer	228-592
Barricade Pre-emergent	Weed Preventer	100-119
Escalade Weed Control	Weed Control	228-442
Dimension 2EW	Herbicide	62719-542
Turflo 17-0-5	Fertilizer	
Barricade 4FL	Herbicide	100-1139

Barclay Brook School:

<b>Trade Name</b>	<b>Common Name</b>	<b>EPA Registration #</b>
Maxforce FC Professional Ant Killer Gel	Fipronil	432-1264
Advion Ant Gel Bait	Indoxacarb	100-1498
Harmonix Insect Spray	Pyrethrins	432-1526
Mother Earth Dust	Diatomaceous Earth	499-509

Brookside School:

<u>Trade Name</u>	<u>Common Name</u>	<u>EPA Registration #</u>
NA	NA	NA

Mill Lake School:

<u>Trade Name</u>	<u>Common Name</u>	<u>EPA Registration #</u>
Advion Ant Gel Bait	Indoxacarb	100-1498
Maxforce FC Ant Bait Stations	Fipronil	432-1256
Maxforce FC Professional Ant Killer Gel	Fipronil	432-1264

Mill Lake Annex:

<u>Trade Name</u>	<u>Common Name</u>	<u>EPA Registration #</u>
Termidor SC Termicide/Insecticide	N/A	7969-210

Woodland School:

<u>Trade Name</u>	<u>Common Name</u>	<u>EPA Registration #</u>
Maxforce FC Magnum Roach Bait Gel	Fipronil	432-1460

Monroe Township Middle School:

Trade Name	Common Name	EPA Registration #
Final All Weather Blox	Brodifacoum	12455-89
Maxforce FC Professional Ant Killer Gel	Fipronil	432-1264
Liquid Fertilizer	17-0-5 Fertilizer	UREA N2H4CO 57-13-6
Dry Fertilizer	19-0-5 Fertilizer	Potassium Chloride KCl 7447-40-7
Tru-Power	Selective Herbicide Broadleaf Weed Control	282-262
Tri-Power		228-551
Dismiss	Herbicide	279-3295
Quinchlorac	Crabgrass Killer	228-592
Barricade Pre-emergent	Weed Preventer	100-119
Escalade Weed Control	Weed Control	228-442
Dimension 2EW	Herbicide	62719-542
Turflo 17-0-5	Fertilizer	
Barricade 4FL	Herbicide	100-1139

Monroe Township High School:

Trade Name	Common Name	EPA Registration #
Advion Ant Gel Bait	Indoxacarb	100-1498
Liquid Fertilizer	17-0-5 Fertilizer	UREA N2H4CO 57-13-6
Dry Fertilizer	19-0-5 Fertilizer	Potassium Chloride KCl 7447-40-7
Tru-Power	Selective Herbicide Broadleaf Weed Control	282-262
Tri-Power		228-551
Dismiss	Herbicide	279-3295
Quinchlorac	Crabgrass Killer	228-592
Barricade Pre-emergent	Weed Preventer	100-119
Escalade Weed Control	Weed Control	228-442
Dimension 2EW	Herbicide	62719-542
Turflo 17-0-5	Fertilizer	
Barricade 4FL	Herbicide	100-1139

Monroe Township Administration Building & Transportation Center:

**Trade Name**

Advion Ant Gel Bait

**Common Name**

Indoxacarb

**EPA Registration #**

100-1498