



Integrated Pest Management Program

Policy Statement

Structural and landscape pests can pose a significant problem to people, property and the environment. Pesticides and herbicides can also pose risks to people, property, and the environment. It is therefore the Policy of Anthony ISD to incorporate Integrated Pest Management (IPM) procedures for control of structural and landscape pests.

Pests are population of living organisms (animals, plants, microorganisms) that can interfere with the day-to-day operations of the Anthony ISD campuses. Strategies for managing pest populations will be influenced by the pest species and whether that species poses a threat to the students, staff, property, and/or the environment. Pest management plans will be developed for the Anthony ISD and will include pest management measures.

Pests will be managed to reduce any potential human health hazards to protect against a significant threat to public safety, to prevent damage to Anthony ISD structure or property, and to enhance the quality of life for students and staff.

The choice of using chemical pesticides will be based on a review of all other known options and a determination that these options are not acceptable or feasible. Cost or staffing consideration alone will not be adequate justification for use of chemical control agents. Selected non-chemical pest management methods will be implemented, whenever possible to provide the desired control. It is the policy of Anthony ISD to utilize IPM principles to manage pest population adequately. The full range of alternatives, including no action will be considered. When it is determined that a pesticide or herbicide must be used in order to meet the pest management goals, the least hazardous material will be chosen.

The IPM Coordinator, Administrator, and staff will be educated about the potential school pest problems and the IPM policies and procedures to be used to achieve the desired pest management objectives.

The IPM Coordinator, will maintain records of pesticide and herbicide use and will notify the Anthony ISD staff and students of upcoming pesticide treatments. Notices will be posted in designated areas at each site.

Pesticide purchase will be limited to the amount authorized for use in one year. Pesticide will be stored and disposed in accordance with the label directions and state regulations. Pesticides will be stored in an appropriate secure site not accessible to students or unauthorized personnel.

Pesticide applicators will be educated and trained in the principles and practices of integrated pest management and use of pesticides. They will follow regulations and label precautions. Applicators will be certified and comply with the Anthony ISD policy.

Management

The IPM Coordinator will be trained through a Texas Structural Pest Control Service approved IPM Coordinator training course. The IPM Coordinator will design a pest management system and maintain IPM Policies. The IPM Coordinator is the person who observes and evaluates the site or directs others to do so and decides what needs to be done to achieve the site management objectives.

Anthony ISD will contract with a commercial pest control company(s) to meet the needs of the facility. The contractors will make detailed site-specific recommendations for structural and procedural modifications to achieve pest suppression. The contractor shall provide evidence of sufficient expertise in pest control and IPM principles and practices.

The Anthony ISD IPM program includes educating all that is involved in the program. This education should include the administrators, teachers and auxiliary staff.

Pest Management Objectives

- A. Manage pests that may occur on campus to prevent interference with the learning environment of the students.
- B. Preserve the integrity of the building and structure.
- C. Provide the safest playing or athletic surfaces possible

IPM Cycle

1. **INSPECTION**- Inspection of all facilities and grounds will be conducted monthly basis by district personnel or by pest management contractors. A detailed building inspection of each campus will be conducted annually to determine if the building has any conducive conditions for pests and develop a list of structural and landscape improvements.
2. **IDENTIFICATION**- Accurate identification of pest is a vital part of ensuring that proper control methods will be used. Local resources will be used to help in identification.
3. **ACTION**- Habitat modifications, exclusions, repair, and sanitation efforts will be the first actions considered. Action threshold will be considered before any other actions are considered. Then action threshold will reflect how many pests can be tolerated for a specific site. The presence of some pests does not in itself necessarily require action.
- D. **EVALUATION**- If it is determined that further action is needed then there will be a follow up with an appropriate pesticide approved by the IPM Coordinator.

Thresholds

Campus personnel should request pest control service ONLY if the specific pest problem exceeds the following threshold limits:

Pest	Threshold
1. Ants	Five or more/1 or more in kitchen
2. Bees/Wasps	Two or more/1 or more in kitchen
3. Large Roach	Two or more in classroom/1 or more in kitchen
4. German Roach	One
5. Black Widow Spider	One
6. Brown Recluse Spider	One
7. All other Spiders	Two or more
8. Mice	One or more
9. Flies	Two or more
10. American/Oriental roach	One
11. Miscellaneous invaders	Four or more

IPM Strategies

The objective is to provide the best service possible in relation to pest control on each campus. It is our goal to respond within 24 hours upon receipt of the work order and use. In order to help maintain quality pest control service for each campus, please follow these general guidelines when requesting service.

1. Initiate a work order for Pest Control.
2. Possession of insecticides or pesticides (in any form) on school premises is strictly prohibited.
3. All windows and doors without screens should remain closed to prevent pest entry.
4. Garbage from all rooms, including cafeteria, should be properly disposed of every day.
5. Any water leak should be reported immediately. Pests not only need food and harborage to survive, but water as well. Report any torn screen, crack or crevice to any surface where pests could enter dwelling.
6. Limit storage of cardboard and place all cardboard in recycling containers. Cardboard storage is a prime location for cockroach reproduction.
7. Trash liners should be used on all containers used for trash, in particular, those used to hold food and drink items. Keep containers clean and free of any food particles.

8. Garbage containers, including dumpsters, should be placed no closer than 20 feet to any building.

IPM Plans for common pest problems

Typical Pests: Mice, Cockroaches, Ants, Flies, Spiders, Termites and other

Entryways: Doorways, Overhead doors, Windows, and Openings around pipes, Electrical fixtures, and Duct (s).

- Keep exterior doors shut when not in use
- Place weather stripping around doors
- Caulk and seal openings in walls
- Keep vegetation at least one foot from the structure

Classrooms/Offices: Including Performance Hall, Gymnasiums, Hallways, Offices and Classrooms.

- Allow food and Beverages only in designated areas
- Keep indoor plants healthy
- Keep areas dry as possible by removing standing water and water damaged and wet materials
- In the all class rooms store animal foods in sealed containers and regularly clean cages
- In all areas remove dust and debris
- Routinely clean lockers and desks
- Frequently vacuum carpeted areas

Food Preparation and Serving Areas: Dining Hall, Kitchen, Teacher's Lounge, and Food Storage Rooms.

- Store food in containers that are inaccessible to pest
- Store waste in containers that are inaccessible to pests
- Remove all waste at the end of each day
- Place screens on vents, windows and floor drains
- Remove all food debris including crumbs
- Fix dripping faucets and other water leaks
- Promptly clean food preparation equipment after use
- Caulk or paint to seal cracks and crevices

Rooms with Extensive Plumbing: Bathrooms, rooms with sink, locker rooms and crew spaces.

- Promptly repair leaks and correct other plumbing problems
- Routinely clean floor drains, strainers and grates
- Keep areas dry
- Store paper products or cardboard boxes away from moist areas and direct contact with the floors

Maintenance Areas: Mechanical rooms, Janitorial rooms, etc.

- Allow eating only in designated eating rooms
- Clean trash cans regularly
- Use plastic liners in trashcans
- Keep areas clean and dry as possible
- Store paper products or cardboard boxes away from moist areas and direct contact with the floors and walls

Other: Bats, dogs, cats, owls, etc.

Cases involving anything in this category should be addressed directly to the IPM Coordinator and animal control 915-842-1000.

Outdoor IPM Strategies

Typical Pest: Mice, ants. Turf Pest such as broad-leaf and grassy weeds. Insects such as beetle grubs or sod webworms and turf disease. Ornamental pest such as plant diseases, insects such as trips, aphids and Japanese beetles.

Parking Lots, Loading Docks, Refuse Dumpsters

- Regularly clean trash containers and gutters
- Regularly remove all waste and paper debris
- Secure lids on trash containers

- Repair cracks in pavement and sidewalks
- Provide adequate drainage

Turf: Lawns, Athletic Fields and Playgrounds

- Select turf types best adapted for the area
- Adjust mowing height to grass type
- Vary mowing patterns to reduce soil compaction
- Do not over or under water turf water in the “A.M.”
- Provide good drainage
- Periodically inspect turf for evidence of pest or diseases
- Have soil analyzed to determine fertilizer requirements
- Time fertilizer applications on an appropriate time
- Aerate soil periodically

Ornamental Shrubs and Trees

- Apply fertilizer to annual and perennials during active growing season
- Apply fertilizer to trees and shrubs early in the growth season or during the dormant season
- Prune branches to improve plants and prevent access by pest to structures
- Periodically inspect plants for evidence of pest or disease
- Remove susceptible plants if a plant disease recurs and requires too many resources to keep healthy
- Select replacement plants from among the disease resistant types

Pesticide/Herbicide Applications

The IPM coordinator must approve applications

- An appropriate application uses the least toxic and most effective pesticide or herbicide
- Applications should be applied by qualified applicators
- Applications will be applied when occupant are not expected to be present for at least 12 hours. A sign will be posted 48 hours before the application.
- Applications will be applied according to label directions
- Proper protective clothing or equipment will be used when applying chemicals.
- Areas will be properly vented after application.

Storing Pesticides

All pesticide storage, transportation and application will be conducted in accordance with the requirements of the Federal Insecticide, Fungicide and Rodenticide Act (7United States Code 136 et seq.), Environmental Protection Agency regulation in 40 CFR, Occupational Safety and Health Administration regulations, Texas Structural Pest control Act (article 135B-6 of the Texas revised civil statues) with associated regulation (Title 22, Texas Administrative Code, sections 591-599) and school district policies and procedures, and local ordinances.

Postings and Notifications

State regulations followed by the district include requirements to notify students, staff and parents about pesticide applications; keeping proper pesticide application records, including copies of label and Materia Safety Data Sheets (MSDS) for all pesticides used on school facilities; adherence to a 12-hour waiting interval between pesticide application and student occupation of treated facilities; use of least-hazardous pesticides according to the pesticide approval process for schools; and licensing of all staff who apply pesticides. No person shall store or apply any pesticide on school district property without an appropriate commercial or noncommercial pesticide applicator’s license.

Licensing and Training for Pesticide applicators

No person shall apply, store or dispose of any pesticide on school district property without an appropriate pesticide applicator’s license.

All pesticide applicators will be trained in the principles and practices of IPM and the use of pesticides approved for use in the school district. All applicators must comply with this IPM policy and follow appropriate regulations and label precautions when using pesticides in or around school facilities.