Integrated Pest Management Plan Draft

Target Pest Fire Ants

- Regular close mowing to reduce the buildup of ant mounds.
- Biannual broadcast application of fire ant bait to all grounds & athletic fields.
- Spot mound treatment using fire ant bait to control problem mounds.
- Stress the importance of storing of all foodstuffs in airtight containers.
- Daily removal of trash to prevent food source.
- Report leaking faucets or plumbing fixtures to prevent water source.
- In case of extreme or life threatening infestation the IPM Coordinator will authorize an application of insecticide.

Action Threshold Level - 5 ants in classroom or public area, 2 ants in clinic or kitchen, 2 mounds per sq. yard exterior areas.

Target Pest Weeds

- Regular close mowing to promote healthy turf grass coverage.
- Routine fertilization of athletic fields to encourage healthy turf grass growth.
- Routine aeration of athletic fields and play grounds to promote healthy turf grass growth.
- Reseeding of bare areas due to construction or damage with Bermuda seed to prevent weed growth.
- Athletic fields may be treated to control weed growth as necessary and as funds allow. Pre-emergent herbicides and least toxic post-emergent herbicides possible are preferred.
- Mechanical edging and/or weed eating will be utilized. No chemicals will be applied for edging.

Action Threshold Level – 25% weed coverage over desirable turf or beds.

Target Pest Flies

- Monthly cleaning/disinfecting of dumpsters as part of the annual waste contract.
- Repair window and door screens as needed to control entry.
- Daily removal of trash to prevent harborage or food source.
- When funding allows, installation of air curtains and/or light traps in the kitchen areas.
- Stress the importance of weekly cleaning and flushing of floor drains to prevent harborage.

Action Threshold Level – 5 Flies in classroom or public area, 2 flies in kitchen or clinic, 10 flies around exterior dumpster or trash can.

Target Pest Wasp/Bees

- As needed fill cavities in trees to prevent possible nesting sites.
- Caulking of openings as necessary in buildings to prevent nesting sites.
- When a bee swarm poses a danger to a child or patron, it will be secured until the bees relocate.
- Individual treatment of problem nests or hives as needed.

Action Threshold Level – 1 bee or wasp in classroom, clinic, kitchen, or public area; outdoors no action necessary unless children are threatened.

Target Pest Termites

- Caulking of building cracks as necessary to prevent entry.
- Use of baits to control infestations where possible.
- Use of conventional termicide treatment in localized area of infestation as necessary.

Action Threshold – any sighting of termites is evaluated.

Target Pest Roaches

- Daily removal of trash to prevent food source.
- Monthly cleaning/disinfecting of dumpsters as part of the waste contract.
- Daily cleaning of floors and equipment in kitchens to prevent food source.
- Stress the importance of storing food products in original or airtight containers to prevent food source.
- Remove newspapers and paper products that may harbor roaches.
- Weekly cleaning/flushing of floor drains to prevent harborage.
- Installation of weather-stripping on doors to prevent pest entry.
- Caulking of openings and cracks around windows doors and pipes to prevent pest entry.
- Use of glue boards to identify type of roaches present and degree of infestation.
- Monthly inspection of all kitchens, snack bars, home economics labs and lounges by IPM Coordinator.
- Use of baits when roaches are detected to control infestation.
- Use of least toxic pesticide possible when baiting cannot control infestation.

Action Threshold – 2 roaches in classroom, public area, kitchen, or clinic; no treatment necessary in exterior areas unless noticeable infestation.

Target Pest Rodents

- Daily removal of trash to prevent food source.
- Proper storage of food stuffs to prevent food source.
- Remove newspapers and paper products to prevent harborage.
- Report leaking faucets or plumbing fixtures to prevent water source.
- Caulking of holes, and cracks to prevent entry.
- Installation or weather stripping and screens to prevent entry.
- Replacement of broken or missing ceiling tiles to prevent entry.
- Use of glue boards to detect rodent and identify rodent infestation.
- With IPM coordinator's approval, use rodent baits if infestation is not controlled.

Action Threshold – any sightings of rodent or fresh droppings.

Target Pest Spiders

- Sealing of cracks and holes to prevent entry.
- Remove newspaper and paper products to prevent harborage.
- Removal of webs to prevent nesting.
- Close mowing of grass to prevent harborage.
- Trimming of bushes and trees away from building to prevent entry and harborage.
- Application of least toxic pesticide possible when infestation is uncontrolled by other measures with IPM Coordinator approval.

Action Threshold – 1 spider in classroom, public area, kitchen or clinic; no treatment necessary in exterior area unless in large numbers and are causing problems.

Target Pest Birds

- Replacement/installation of screens to prevent entry into buildings.
- Repair of cracks and holes to prevent entry.
- Spray nesting areas with water to discourage nesting.

Action Threshold – remove any birds from interior of buildings.

Target Pest Bats

- Sealing of cracks and holes to prevent entry into building.

Action Threshold – 1 bat on interior of buildings or fresh droppings sighted will set treatment measures in motion.