

Plunkett's

Pest Control

40 NE 52nd Way Fridley, MN 55421-1014 Toll-Free (877) 571-7100
www.plunketts.net

Indoor/Exterior Integrated Pest Management Program for **(xxx)**

Introduction

The objective of our Integrated Pest Management program at (xxx) is to effectively prevent and control pests inside and immediately outside the building. We are committed to protecting the health and safety of those visiting and working in the building, while helping to maintain an efficient, healthy environment.

Our program is based on inspection and monitoring, with pest control materials to be used only when and where they are needed.

Integrated Pest Management (IPM) Philosophy

Non-Chemical Prevention and Control

Non-chemical prevention and control measures are always considered first, and are used whenever practical. Pest control chemicals are applied only as a supplement to responsible non-chemical measures – never as a substitute for them. When the application of a pest control material is required, least-toxic materials are considered first.

Non-chemical materials and methods in use as part of our Integrated Pest Management program include:

- Routine inspections (performed on a monthly basis)
- Positive identification of pests before considering control strategies
- Monitoring via the use of sticky traps (zone monitors) as an early-warning system against pest invasion
- Making recommendations to site Engineering and Maintenance personnel pertaining to needed sanitation and maintenance improvements to prevent pest entry or remove pests' survival needs (food, water or shelter)
- The use of traps (mechanical control), such as rodent traps and insect light traps, to monitor for pest presence and to aid in controlling pests
- The use of physical controls, such as light management, air-quality management (e.g., use of fans or dehumidifiers to dry out a damp area) and temperature control
- Non-toxic monitoring blocks for rodents, including Detex Blox (a non-toxic rodent monitoring block)

Least-Toxic Materials

Least-toxic materials and practices include materials named on the 2009 San Francisco Reduced-Risk Pesticide List under Use Category: Allowed – Hazard Tier III (lowest hazard); and/or materials that are named as Allowed under the rules of the National Organic Program, National List:

(List, next page)

- Insect baits containing boric acid or other low-toxicity active ingredient:
 - Drax PF Gel (insect bait)
 - InTice Granular Bait (insect bait)
 - Pro-Joe S Ant Bait (insect bait)
 - Advion Ant Gel Bait (insect bait)
 - Advion Cockroach Gel Bait (insect bait)
 - Maxforce Cockroach Gel Bait (insect bait)

- Non-synergized pyrethrins:
 - PyGanic Pro (insect spray and insect aerosol)

- Naturally-occurring dusts containing boric acid or diatomaceous earth:
 - Borid (dust)
 - Mother Earth D (dust)

Chemical Application Practices

We will not store, mix or dispose of any pest control materials on site.

All of Plunkett’s field employees are licensed in Structural Pest Control and certified in the types of applications they make.

Should it ever be necessary to use a pest control material not considered “least risk,” we will communicate with building management in the selection of that product, and will provide universal notification according to the policy stated below.

All chemicals will be chosen and applied according to EPA-approved label directions and the Federal Insecticide, Fungicide and Rodenticide Act; and according to our policies as stated in this document.

We will adhere to all label directions pertaining to environmental/human health precautions, personal protective clothing and equipment, storage and disposal, application restrictions, and use patterns.

When any pest control material is applied inside, we will post the area with a treatment notice so that individuals working in the area are apprised of the application. This is in addition to the 72-hour universal notification that must be given prior to use of a non-least risk material; this is also in addition to the 24-hour emergency notification period following emergency use of a non-least risk material.

Pest Thresholds and Action Plans

The following are examples of decision-making under our Integrated Pest Management Program for 50 S. 10th St., showing: pests we might encounter; thresholds; non-chemical measures we could take; least-risk pest control materials available; and precautions to be taken if using a non-least risk material:

Pest type	Thres-hold	Non-chemical strategies	Least-risk materials	Precautions to be taken if using non-least-risk material
Cock-roaches	One	Clean up food and beverage spills; vacuum; sticky traps; identify suppliers sending infested shipments and notify or switch suppliers	Sticky traps Boric acid-based baits Advion gel bait	Avoid sprays and dusts; use low-volatility baits when possible Apply baits in such a way that they can be retrieved after problem is eliminated

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Pest type	Threshold	Non-chemical strategies	Least-risk materials	Precautions to be taken if using non-least-risk material
Ants	Any number deemed disruptive to productivity	Caulk entry cracks, e.g. in floor slabs Clean up food and beverage spills Trim foliage near building	Boric acid-based ant baits, such as Drax or Pro-Joe S Advion ant bait	Apply low-volatility material under low pressure to inaccessible areas Use baits wherever possible
Occasional invading pests, e.g. crickets, spiders, lady beetles, firebrats, silverfish, etc.	Any number deemed disruptive to productivity	Caulk entry cracks Install and maintain screens Keep doors closed Inspect and repair door sweeps Install sodium-vapor light fixtures over entry doors instead of mercury-vapor Stick traps near entry points	Borid dust Mother Earth D (diatomaceous earth)	Apply low-volatility material as a barrier treatment outdoors in such a way that it cannot be tracked inside or picked up by air intake system
Stored product insects	Any noticeable number in a given area	Clean up food sources Suggest employees do not store food at work stations Vacuum crumbs and insects	Boric acid Mother Earth D (diatomaceous earth) Pheromone traps	Apply low-volatility material under low pressure only to cracks and crevices where pests hide Allow material to dry before allowing access to building occupants
Stinging insects	Any nest of a social stinging insect within 50 feet of an entry or frequented outdoor area	Keep holes in building walls, retaining walls, landscape elements, etc. sealed to reduce attractiveness to stinging insects Remove nests as they are being built, if possible	None	Targeted application directly into nest; removal of nest afterward
Flying insects	Any number deemed disruptive to productivity			

(Continued)

Pest type	Threshold	Non-chemical strategies	Least-risk materials	Precautions to be taken if using non-least-risk material
Mice and rats	One	Seal entry holes and gaps Mechanical traps Sanitation to reduce food, water and harborage sources	None	Apply rodenticides in tamper-resistant bait stations Apply rodenticides outdoors only, if possible
Nuisance wildlife	Any animal perceived as a threat	Keep doors closed Structural maintenance and repairs Repellents Live traps	Possibly odor repellents	No least-risk materials used

Communication With Building Management and Occupants

We consider Communication with building management, especially Engineering and Maintenance, to be of high importance, since they are our partners in keeping the building pest-free. It is our duty to inform management if improvements need to be made in sanitation, maintenance or personnel practices. Then, we rely on our client to support our efforts by taking action accordingly.

Should it become necessary to apply a pest control material other than the least-risk materials described above, we will provide management and building occupants with 72 hours' advance notice, or 24 hours or less following application in an emergency. An emergency is defined as a situation in which a pest situation immediately threatens the life or safety of persons occupying or visiting the building – for example, a yellow-jacket nest in or near an occupied building area.

A copy of the universal notification letter to be used is attached.

Performance Measurement and Quality Assurance

The technician responsible for implementing this program will receive a copy of this program and the accompanying notification letter, and will be instructed to follow it. Copies of this program will also be provided to the technician's supervisor and regional manager, so that they can integrate appropriate quality assurance measures for LEED compliance at (xxx) into Plunkett's established quality-assurance system. Our performance measurement and quality assurance process consists of informal supervisory ride-along assessments; and formal Technician Quality Inspections, which in the case of 50 S. 10th St. will include comparing technician performance with the standards outlined in the LEED-compliant Integrated Pest Management program.

Acceptable performance shall be determined by a review of service records showing that pesticides not listed as least-toxic were not used; or showing that proper notification was given when a pesticide not listed as least-toxic was used, according to the policy outlined above.

Submitted by:

A handwritten signature in blue ink, appearing to read "Jay Bruesch", with a long horizontal flourish extending to the right.

Jay Bruesch, BCE
Technical Director

Policy statement created/reviewed July 16, 2010

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Notification of Intent to Apply Pest Control Materials or Notice of Emergency Application of Pest Control Materials (xxx)

The objective of our Integrated Pest Management program is to effectively prevent and control pests inside and immediately outside the building. We are committed to protecting the health and safety of those visiting and working in the building, while helping to maintain an efficient, healthy office environment.

Non-chemical measures are always considered prior to use of any pest control material. Least-risk materials and practices are preferred when it is necessary to apply a pest control material.

Our policy is to provide notice to building management and occupants should it become necessary to apply a pest control material or a method other than a least-risk material, a minimum of 72 hours in advance of the application. (In the event of an emergency, our policy is to provide notice at least 24 hours following the emergency application. An emergency is defined as a situation in which a pest situation immediately threatens the life, health, or safety of persons occupying or visiting the building – for example, a yellow-jacket nest in or near an occupied building area.

Notice is hereby given of:

- Intent to apply a pesticide NOT designated as a “least-risk” material:

We plan to apply _____ (_____)
(Name of pest control material) (Active ingredient/common name)

at _____ : _____ on _____ / _____ / _____ in: _____.
(Time) (Date) (Area)

The Signal Word found on the EPA-approved label of this product, indicating its relative toxicity, is:

- Caution
 Warning

A need for this material has been determined, based on the threat of damage to health or property; and, in the judgment of the pest management professional assigned to this account, a least-risk option is either not available or would not be effective.

(Continued, other side: Notice of Emergency Application)

- Emergency application of a pesticide NOT designated as a “least-risk” material:

We applied _____ (_____)
(Name of pest control material) (Active ingredient/common name)

at _____ : _____ on _____ / _____ / _____ in: _____.
(Time) (Date) (Area)

The Signal Word found on the label of this product, indicating its relative toxicity, is:

- Caution
 Warning

A need for this material was determined, based on the threat of damage to health or property; and, in the judgment of the pest management professional assigned to this account, the situation called for use of a pesticide on an emergency basis, for which a least-risk option is either not available or would not be effective.

Submitted by:

(Name)