



**HILLSBOROUGH**  
*California*

# **Coffee with the City Manager**

*Thursday, February 18, 2021*

*Integrated Pest Management Policy Overview*



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## Background

The Town is required by the Municipal Regional Permit (MRP) regulations to update its Integrated Pest Management (IPM) Policy as needed

Town of Hillsborough  
Integrated Pest Management Policy



and Standard Operating Procedure

Public Works Department  
Town of Hillsborough  
1600 Floribunda Ave  
Hillsborough, CA 94010-6418

March 5, 2020

Original Policy  
finalized  
April 2010

Policy Revised  
June 2017

Policy Revised  
October 2014

Policy Revised  
March 2020



### Objective

*To protect water quality, waterways, the environment and the health and safety of Town's employees, contractors and residents through reduced use of pesticides on town owned or managed properties.*





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## Background



The Regional Water Quality Control Board **required the Town to develop a pesticide toxicity control program** for use of pest control products in its municipal operations and on municipal property.



The **policy was created with guidance** from the San Mateo Stormwater Program, a program funded by C/CAG, to protect local municipalities from receiving Notices of Violation (NOVs) from the Regional Board.



The most recent update was completed in **collaboration with the community**. A citizen group recommended products that are alternatives to Glyphosate.



The Town then asked the County Stormwater Program to evaluate the alternatives and **affirm their alignment with the stormwater program** goals.



Integrated Pest Management is an ecosystem-based strategy that focuses on long-term prevention of pests or their damage. Pest control materials and methods are selected and applied in a manner that **minimizes risk to human health, beneficial and non-target organisms and the environment.**

Approaches for managing pests are often grouped in the following categories:

### Biological Controls

Use of natural enemies such as predators, parasites, pathogens and competitors to control pests and their damage

### Cultural Controls

Practices that reduce pest establishment, reproduction, dispersal, and survival.

### Mechanical and Physical Controls

Changes that make the environment unsuitable for pest survival

### Chemical Treatments

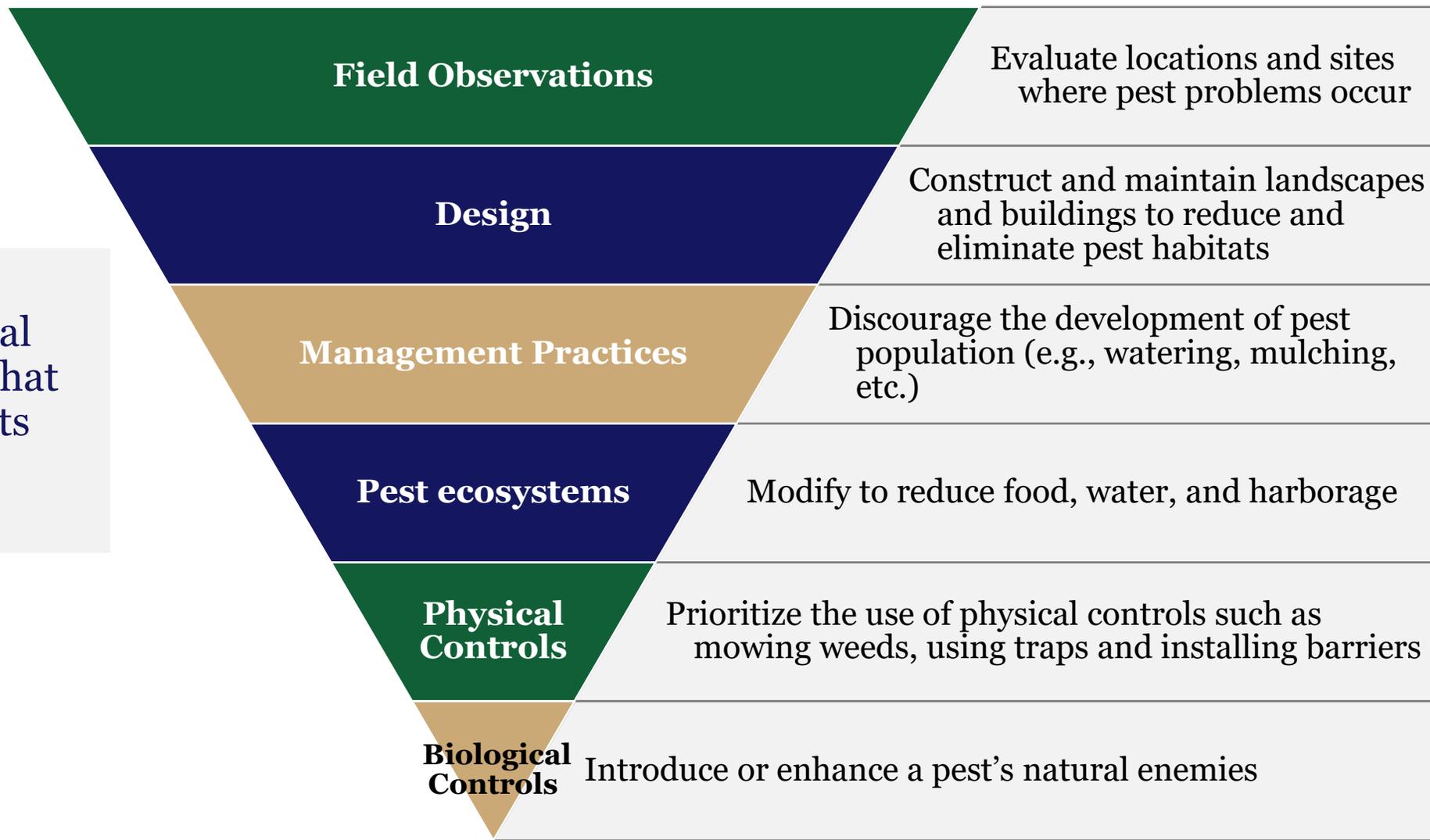
Use of specific, non-toxic options to achieve specific results

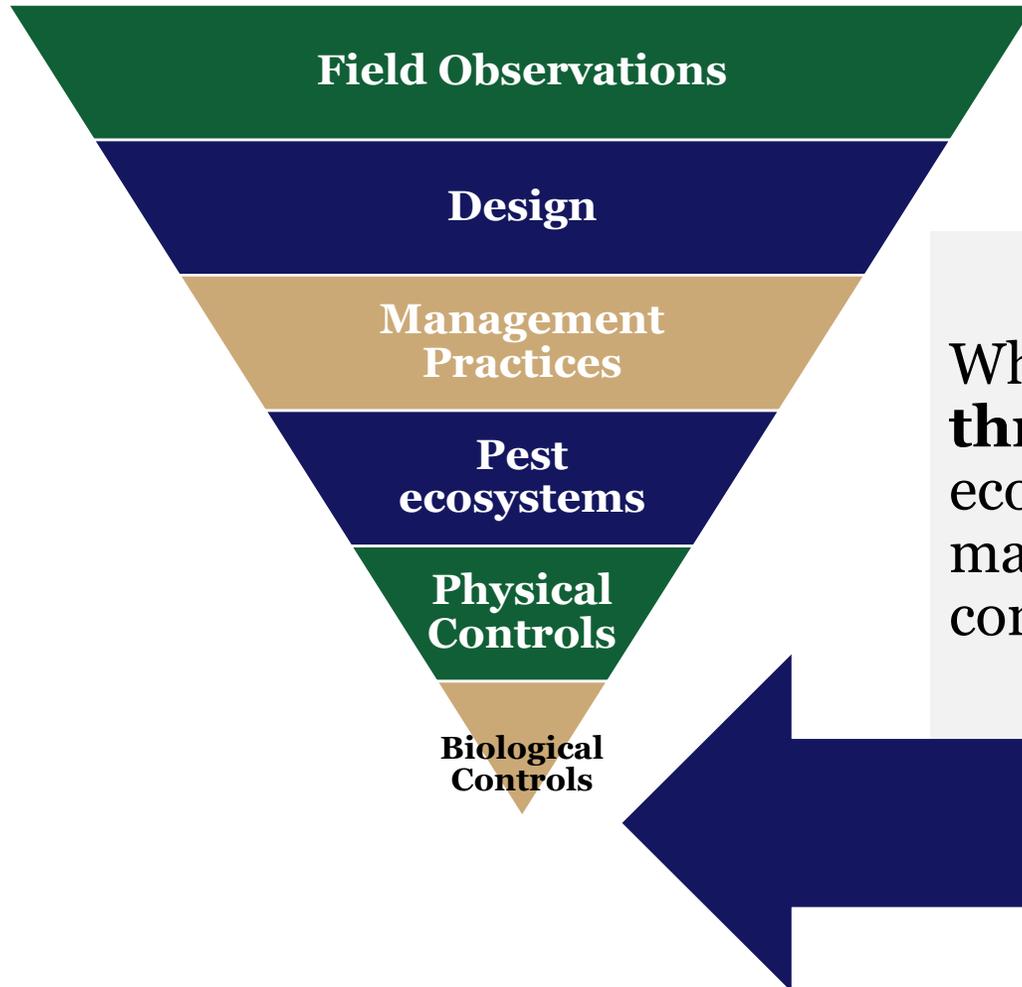
***Last resort** – used only when all other approaches have been exhausted*



# IPM Pest Hierarchy

The IPM-based hierarchical decision-making process that will be used to control pests will include the following:





When the pest populations reach **treatment thresholds**, based on how much biological aesthetic, economic, or other damage is tolerable, non-pesticide management activities will be evaluated *before* considering the use of pesticides

**Evaluation of Non-Pesticide Practices**



Following the evaluation, the Town will utilize the following practices in order to minimize impacts:

**1**

Select **reduced-risk** products

**2**

Use the **minimum amount** needed to be effective

**3**

Apply products at the most effective **treatment time**

**4**

Minimize opportunities for **mobilization** of the product in stormwater runoff



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## Roles and Responsibilities

### Local Involvement

#### Public Works Director

- IPM Policy and Program Oversight

#### Public Works Superintendent

- IPM Policy Implementation (training, tracking, documentation, compliance, noticing)

#### Town Employees

- Contract Management
- Contractor Performance Oversight

#### Town Contractors

- Compliance with federal, state, and local regulations
- Adherence to the Town's IPM Policy

### Regional Involvement

#### State of California

- Record-keeping (state database)
- Licensure

#### Regional Water Quality Control Board

- Enforcement
- Compliance

#### County Environmental Health

- Provide draft guidelines
- Review product list for compliance



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## Town Contractor Requirements

### Town Contractors on Town Property will:

**Comply with all federal, state and local pest control operator regulations**, maintain current licenses and possess the appropriate Qualified Applicators License or Certificate

**Utilize approved products safely** and in accordance with federal and state regulations

**Adhere to the Town's IPM Policy** and follow industry accepted IPM strategies that emphasize non-pesticide alternatives to control pests

**Submit and maintain all records** with the County of San Mateo Environmental Health and the State of California

**Be IPM-certified from a recognized certification program**, such as:

- Eco Wise Certified [ecowisecertified.org](http://ecowisecertified.org)
- Green Shield [greenshieldcertified.org](http://greenshieldcertified.org)
- GreenPro [npmaqualitypro.org](http://npmaqualitypro.org)

**Be trained in IPM from a recognized training program**, such as ReScape California [rescapeca.org](http://rescapeca.org)

- The Town **conducts annual trainings (Spring)** with our contractors to reacquaint them with the latest laws and regulations.



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## Allowable Product Use

### Town's Preferred Product List

Listed products will be applied as a **last resort**

Only products **on this list** may be used on Town property with appropriate noticing and record keeping

### Town Preferred Glyphosate Alternatives Product List

| Product            | Active Ingredient          | Primary Locations Used |
|--------------------|----------------------------|------------------------|
| <b>Avenger</b>     | Limonene                   | Right-of-way           |
| <b>Axxe</b>        | Ammonium nonanoate         | Right-of-way           |
| <b>Suppress</b>    | Caprylic acid, Capric acid | Right-of-way           |
| <b>Weed Slayer</b> | Clove oil                  | Open Space             |

### Approved Products List

1. Borates, silicates and diatomaceous earth
2. Soap-based products
3. Minimum Risk applications exempt from provisions of the Federal Insecticide, Fungicide and Rodenticide Act
4. Organic Materials Review Institute Products List
5. US Department of Agriculture's National Organic Program List
6. Cryogenics, electronic products, heat and light
7. Biological controls
8. Microbial products
9. Insect growth regulators
10. Caulk and other physical barriers
11. Containerized baits and traps



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## Pesticide Use Restrictions

### Town's Restricted Pesticide List

Pesticides on this list may not be used without an  
**Emergency Exemption**

*Emergency exemption may be granted in writing by the Public Works Director for a pest outbreak that poses an **immediate threat to public health** or significant economic damage*

When used, the Town and its contractors must comply with all requirements regarding noticing and record-keeping.

Under no circumstances will the Town use pesticides banned by the US EPA.

### Restricted and Banned Pesticide List

1. California Proposition 65 Listed Materials
2. Carcinogenic pesticides
3. Endocrine disruptors
4. Pesticides classified as Toxicity Category I by the United States Environmental Protection Agency
5. Pesticides considered toxic to water quality by NPDES, including organophosphate products, carbamate products, pyrethroid products, Indoxacarb, Fipronil, Diuron, Diamides, Active Ingredients Chlorotranillprole and Cyantranillprole
6. Foggers, Bombs, Fumigants



**As part of the most recent update, Town staff**

**Conducted annual trainings** for licensed landscape contractors

**Created educational materials** (e.g., a bilingual pamphlet) available to contractors and their employees

**Shared the revised IPM Policy** on the Town website for public use



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## Next Steps – Community Conversations

**Town Staff Share  
Policies and  
Practices Utilized  
on Town Owned  
Property**

**Two-Way  
Communication  
and Information  
Sharing**

**Community  
Conversation with  
Partners Their Own  
Practices**

- HBF
- HCSD



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**Questions?**