

# Bed Bugs

## The gateway bug to better pest control

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## Bed bugs support is in demand

- Media pressure
- Staff fear
- HUD compliance
- Budget limitations

Governor Chris Christie • Lt. Governor Kim Gu  
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news releases  
FOR IMMEDIATE RELEASE  
January 31, 2011  
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**DEP ISSUES MAJOR PENALTY AND SEEKS LICENSE REVOCATION OF NEWARK FIRM FOR IMPROPER BEDBUG SPRAYING**

(11/P13) TRENTON - An \$865,000 penalty was imposed today by the Department of Environmental Protection on TVF Pest Control of Newark for misapplication of hazardous pesticides in residences to control bedbugs, Commissioner Bob Martin announced.

The DEP is seeking permanent revocation of TVF's pesticide business license and revocation of individual applicator licenses for the company's responsible pesticide applicator Javier Godoy and company owner Joamar Ferreira. The DEP also has charged TVF \$10,625 for the cost of DEP chemical sampling in the matter, and fined a \$10,000 penalty against TVF corporate officer Marta Braga for an applicator licensing violation.

The Bedbug Registry [look up + report](#) [alerts](#) [city maps](#) [resources](#) [about](#) [faq](#) [blog](#)

The Bed Bug Registry is a free, public database of user-submitted bed bug reports from across the United States and Canada. Founded in 2006, the site has collected about 20,000 reports covering 12,000 locations.

You can find us on Twitter at [@bedbugregistry](#).

**NEW!** Report bedbugs on [cruise ships](#). Search coming soon.

Check For / Report Bugs:  
Hotel name:  Street Address:   
City and state:  City and State:

click on any report to see an interactive map of infestations

[Like](#) [31,031](#) people like this. Be the first of your friends.



## A series of fortunate events

- 2006: HUD issued PIH Notice on IPM
- 2007: HUD-USDA Interagency Agreement began
- 2008: Developed and piloted the IPM in Multifamily Housing Training
- 2009: Launched StopPests.org, made "The Tenants' Role in IPM DVD", subcontracted and trained 11 trainers, ran 3 IPM trainings
- 2010: Hired and trained peer educators, ran 10 trainings, started the StopPests Blog, presented for housing associations
- 2011: Ran 6 trainings and hired 2 trainers
- 2012: Launched the new StopPests.org, ran 8 trainings, wrote case studies, published the IPM Guide

## IPM Training for Public Housing Authorities (PHAs)

### HUD's Notice on IPM (PIH 2011-22)

#### Participating PHAs

- IPM in Multifamily Housing Trainings
- Consultation
- 50 Resident IPM Kits
- Tenant's Role in IPM DVD

#### General Public

- [www.StopPests.org](http://www.StopPests.org)
- StopPests Blog
- E-mail/phone support
- Conference presentations



# StopPests.org

Hello,

I am a community manager and I have been searching for new ideas to educate my residents on housekeeping and the importance of pest control. I would like to get a copy of the video in English and Spanish so that I can share this valuable information with them. I would like to incorporate a Housekeeping program for our brand new Grandfamilies community. I would like to also receive any brochures or pamphlets that can be included in our New Resident's packets.

Please let me know how we can obtain these materials for I have truly found your website to be helpful and user friendly.

Thanks so much for sharing a such resourceful tool to implementing Housekeeping and Pest Control.



The screenshot shows the StopPests.org website interface. At the top, there is a search bar and a 'Pest Solutions' dropdown menu. Below this is a 'News You Can Use' section with three articles: 'Guidelines on Bedbug Control and Prevention in Public Housing', 'Free One-Day IPM Training for Section 8 Owners and Managers', and 'HUD Healthy Homes Demonstration Grant Program'. A navigation menu at the bottom includes categories like 'ABOUT US', 'WHAT IS IPM?', 'WORKING WITH RESIDENTS', 'IPM TRAINING', and 'SUCCESS STORIES'. There are also buttons for 'Training RSS', 'Funding RSS', and 'Blog RSS'.

# Making homes healthy

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 Integrated pest management is part of a nationwide Healthy Homes movement to reduce housing-based health hazards
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 A healthy home is:
  - Dry
  - Clean
  - Ventilated
  - Safe
  - Contaminant-free
  - Maintained
  - **Pest-free**



The image shows the cover of a report titled 'The Surgeon General's Call to Action To Promote Healthy Homes' published in 2009. The cover is green and features the U.S. Public Health Service seal, which includes a caduceus and the text 'U.S. PUBLIC HEALTH SERVICE' and '1798'. At the bottom, it says 'U.S. Department of Health and Human Services'.

## Priority pests

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- Cockroaches cause asthma in infants, trigger asthma attacks, and contaminate food
- Rodents such as mice and rats carry diseases, bite, destroy property, may cause fires, and may trigger asthma attacks
- Bed Bugs and their bites are a nuisance and are expensive to eliminate



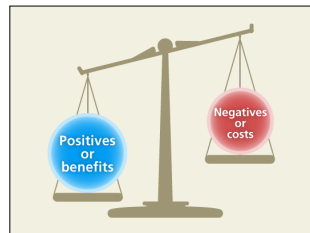
## Integrated Pest Management (IPM)

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1. Inspect and monitor
2. Identify
3. Determine the scale of response
4. Respond
  - Non-chemical control
  - Changing people's behavior
  - Chemical control
  - Biological control
5. Evaluate effectiveness

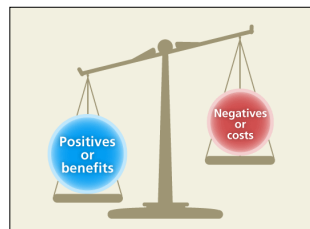
## Investing time and resources

- An IPM budget includes
  - Materials for caulking and sealing holes
  - Free items for residents in need: cleaning supplies, mattress encasements, monitors, etc.
  - An IPM contract, including inspection and monitoring



## Expected program outcomes

- Increased cooperation and communication between management, staff, residents, and contractors
- Decreased pesticide applications
- Infestations limited to periodic introductions that establish—no high-level infestations
- Increased partnership with outside agencies
- PHA will be a community leader for pest-free initiatives



## Massachusetts

- Strong IPM program—networked with experts
- PHA providing treatment services, encasements, interceptors, and trying cutting-edge technology
- Managing bed bugs



## Georgia

### Strengths

- Motivated, enthusiastic staff
- A few interested residents
- Qualified, dedicated PMP
- In the preventative stage of bed bug and rat IPM

### Challenges

- Family development
- A generation without housekeeping
- Pesticide misuse
- Cockroaches
- Mice
- Grease



## Maine

- Recordkeeping system that is efficient and organized to find trends
- Work hand-in-hand with a prep company and pest management firm
- Afterschool program
- Resident education—don't let the bugs bite the babies



## Pennsylvania

**Before**



**After**



## Common challenges

- 🐜 Raising resident and staff standards for pest control
- 🐜 Enforcing non-compliance
- 🐜 Procuring IPM services
- 🐜 Training staff
- 🐜 Training residents
- 🐜 Investing time and resources towards preventative measures
- 🐜 Documentation



## First steps

1. Convert the PHA to IPM—AMP by AMP, beginning with an IPM pilot site
2. Train site IPM team members using resources from [www.stoppests.org](http://www.stoppests.org)
3. Inspect and monitor every unit to identify focus areas





## Next steps continued

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4. Reduce pest infestation—Allocate pest control time and resources to solve pest problems in focus areas using the steps of IPM
5. Reduce the risk of pest infestation—turn units over so that they are pest-free and sealed up, continue to educate staff and residents
6. Aim for early detection and rapid response—continue to monitor and inspect



## What you can do

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- 🕷️ Explore StopPests.org—use what you like and share your resources with us
- 🕷️ Let your local housing providers know you have expertise
- 🕷️ Partner with housing providers
  - 🕷️ Reviewing products
  - 🕷️ Hiring contractors
  - 🕷️ Training residents and staff

**Thank You**