



Navy Pest Management

Chris Hohnholt

2/8/2017

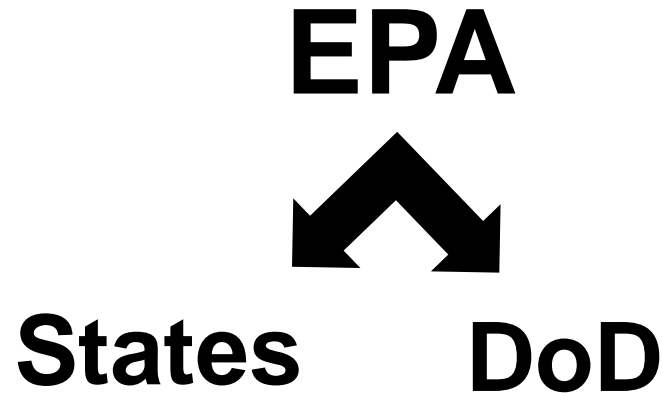
The main goal of pest management activities is to support the mission

- **Regulatory requirements**
- **NAVFAC's role**
- **Installation pest management team**

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Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)



Undersecretary of Defense (Acquisition, Technology, Logistics)



Assistant Secretary of Defense (Energy, Installations, and Environment)



Deputy Assistant Secretary of Defense for Environment, Safety, and Occupational Health



Armed Forces Pest Management Board



NAVFAC Atlantic Applied Biology

“I expect to recognize, reinforce, and enhance NAVFAC LANT's role as the primary "engine room" for NAVFAC Headquarters' horizontal work support.”

Bret J. Muilenburg

Federal Insecticide, Fungicide and Rodenticide Act (FIFRA)

DoDI 4150.07: DoD Pest Management Program

OPNAVINST 6250.4C:
Pest Management
Programs

OPNAV M-5090.1, Ch. 24:
Pesticide Compliance
Ashore

MCO P5090.2A, Ch. 14:
Pesticide Pollution
Prevention

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Support the warfighter through specialized IPM services for shore installations to:

1. Enhance force health protection
2. Protect real property
3. Ensure environmental stewardship
4. Sustain quality of life

NAVFAC Atlantic:

- Sabra Scheffel - AB Program Manager
- Chris Hohnholt
- Steve Holmes
- Chris Martin
- Steve Robertson
- Kirk Williams

NAVFAC Southwest:

- Mike Medina - Southwest, MCI West

NAVFAC Pacific:

- Bill Kanour - Pacific except Japan, MCI Western Pacific
- Makena Mason - Pacific except Japan, MCI Western Pacific

NAVFAC Far East:

- Akira Masui - Japan

NAVFAC Entomologists

- Pest Management Consultants

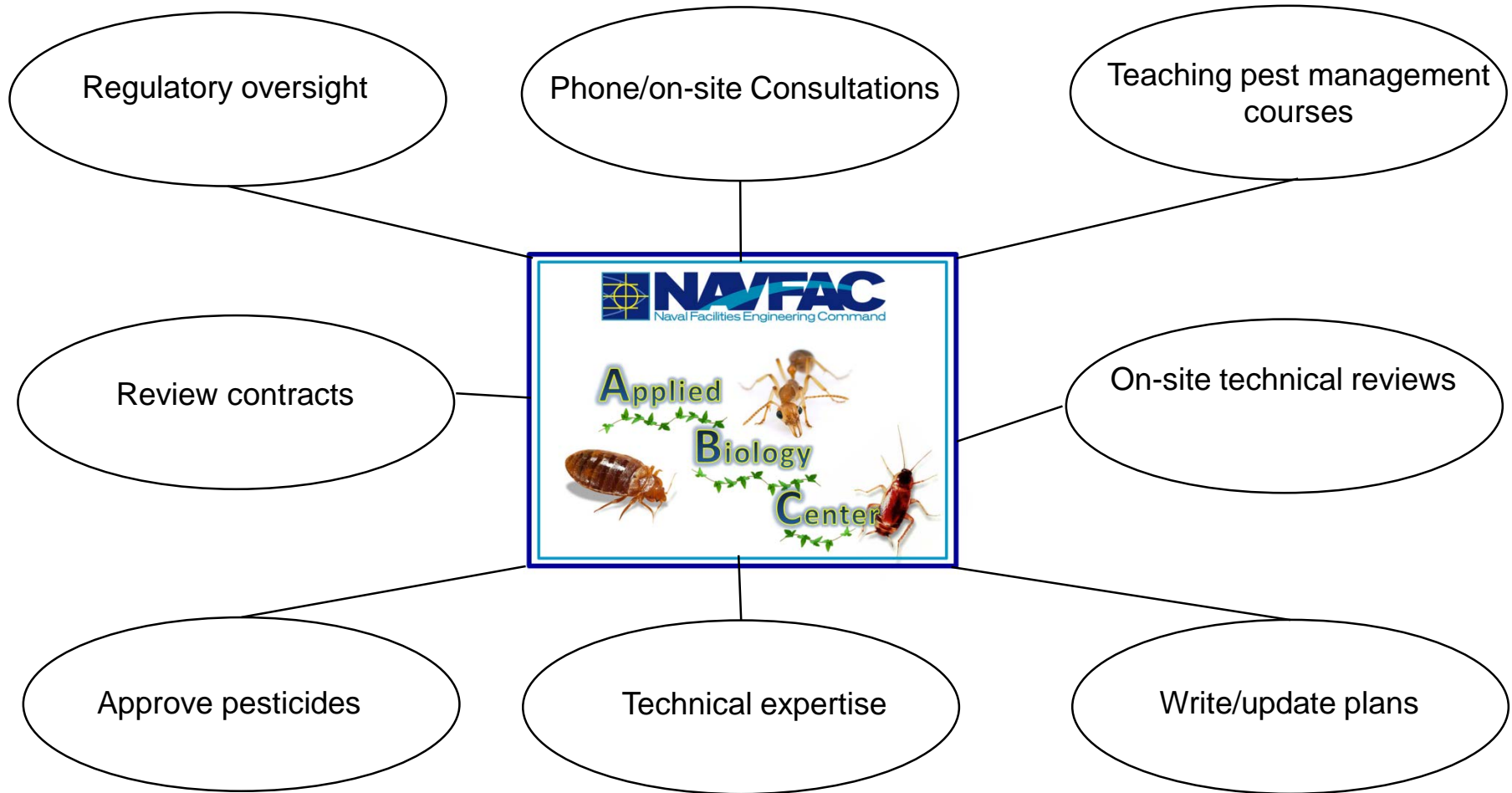
- **On-site program review (facilities / environmental)**
- **Consultation**
 - Pest prevention and control
 - Program maintenance
 - Compliance
- **Document reviews (i.e. IPMP, contracts, partner plans, leases)**
- **Pesticide reporting system accounts**
- **IPMP update and rewrite assistance**

BUMED Entomologists

- Public Health

- **Shipboard and contingency vector surveillance and control**
- **Consultation**
 - Vector surveillance, prevention and control
 - Pesticide safety
- **Assist with writing emergency vector control plan**
- **IPMP review**

NAVFAC Applied Biology Products and Services



Installation Pest Management Requirements



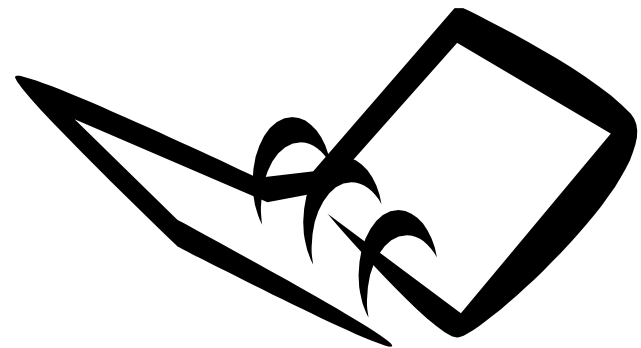
- **Designated installation integrated pest management coordinator (IPMC)**
- **Performance assessment representative (PAR) for pest control/grounds maintenance contract**
- **Certified pesticide applicators (DoD or state)**
- **Integrated Pest Management Plans (IPMP)**
- **Tech reviews**
- **Pesticide pre-approvals**
- **Pesticide records/reports**
- **Contract reviews**

- **Appointed by CO**
- **Facilities / Environmental**
- **Coordinates all pest management activities on the installation**
- **Ensures integrated pest management (IPM) and compliance**



- **Only DoD or State certified or licensed applicators may apply pesticides on installations.**
- **DoD pesticide applicator certification**
 - **Initial 3 week course; recertification every 3 years; no CEU requirement**
- **State commercial licensing for contractors**
 - **Recertification; CEU requirement**
- **Pest Management Performance Assessment Representative/IPMC training**
 - **Initial; refresher training every 3 years**

- **Must conform to DoD and DoN Directives**
- **Describes installation pest and pesticide management practices**
- **Oversight by Installation Integrated Pest Management Coordinator**
- **Implemented by installation commander**



All pesticides applied on an installation must be approved by NAVFAC pest management consultant.

- **Approval of pesticides:**
 - **EPA and state registered**
 - **Labeled for target pest and location**
- **Environmental should review specific pesticide use**



- **Daily records include:**
 - Pesticide trade name
 - EPA registration number
 - Target pest and location
 - Amount applied
- **NAVFAC Online Pesticide Reporting System (NOPRS)**
- **Must maintain records on-site indefinitely**



- DoD policy and instructions
- Technical guides
- Training courses
- Standard supply lists
- MoMs
- DoD pest management news
- AFPMB meeting info

<http://www.acq.osd.mil/eie/afpmb/>



The screenshot shows the website for the Office of the Assistant Secretary of Defense for Energy, Installations, and Environment (Armed Forces Pest Management Board). The page features a navigation menu with links for Home, About Us, Board Business, Products, FAQ, and Contact Us. A search bar is located in the top right corner. The main content area displays a large image of a mosquito feeding on a human finger, with the caption "Anopheles gambiae - Jim Gathany (CDC)". Below the image, there are sections for "Zika Virus Preparation" and "Contingency". The "Zika Virus Preparation" section includes links for "Aedes Control in Preparation for Zika", "Aedes Vector Control Pocket Guide", and "Contingency Pest Management Guide". The "Contingency" section states: "We provide support to DoD personnel on any pest management issue in any situation. We also" and includes a small image of a building. On the right side, there is a "CAC Protected Login" section with a "CAC Login" link and an "External Links" section.

DoD Measures of Merit (DoDI 4150.07)



- 1. All DoD installations will maintain installation pest management plans that have been reviewed and approved by a DoD-certified Pest Management Consultant and annually updated by the IPMC.**
 - Low of 45% in FY06 to a high of 95% in FY 14
 - Largely driven by funding

2. **All DOD installations will adhere to the principals of Integrated Pest Management (IPM) and the DOD will maintain the goal of minimizing annual pesticide use by both government and contractor pesticide applicators on its installations.**
 - **Measured in pounds of active ingredient**
 - **40K in FY06, 170K in FY13**
 - **Herbicides dominate the numbers**
 - **Public health insects PAI dominated by aerial spray**

- 3. All DoD pesticide applicators will be certified.**
All contracted employees shall have appropriate State or host-nation pesticide applicator certification in the appropriate categories at the time the contract is let.
- Only DoD civilians can be apprentices (up to 2 years)
 - DoD civilians 100% compliance
 - Contractors are required to be licensed applicators; cannot be apprentices or working under the supervision of a licensed applicator

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- **PW / Facilities**

- **DoD in-house** – pest control shop, pesticide storage
- **BOS contract** – monitored by PARs; may include storage

- **FEAD / ROICC**

- Pest control contract writing
- New construction contracts including termite pre-treatments and treated wood





- **NEX / MCX**

- Pest control at commercial food service facilities
- Storage, display and sale of pesticides for home use

- **MWR / MCCS**

- Turf and landscape pest control on recreational fields
- Golf course
- Pest control at clubs

- **Commissary**

- Storage, display, and sale of pesticides for home use

- **Veterinary Service**

- Food quality inspections at commissary, galleys, and NEX

- Sale and use of pet care pesticides

- Surveillance for pests of veterinary importance

- Animal control support



•Environmental

- Agricultural outleases
- Invasive species prevention and control
- Habitat protection and restoration
- Wildlife/predator management
- Bird Aircraft Strike Hazards (BASH)





•PPV Housing

–Pest control and landscape maintenance provided by housing manager

•Supply Centers

–Storage of pesticides for distribution



•Medical – Preventive Medicine

- Food service and facilities sanitation inspections
- Emergency vector control plan
- Vector surveillance
- Contingency pesticide storage/uniform treatments



- **Pest management supports the installation's mission**
- **Integrated pest management provides a range of options that ensures pests are controlled while adhering to laws and regulations**



Pesticide Management

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