



UNITED STATES MARINE CORPS
MARINE CORPS AIR STATION
POSTAL SERVICE CENTER BOX 8003
CHERRY POINT, NORTH CAROLINA 28533-0003

AirStaO 6250.4B

NHC

23 JUN 2008

AIR STATION ORDER 6250.4B w/CH 1

From: Commanding Officer, Marine Corps Air Station, Cherry Point
To: Distribution List

Subj: EMERGENCY VECTOR CONTROL

Ref: (a) NAVY AND MARINE CORPS PUBLIC HEALTH CENTER,
PORTSMOUTH, VA ltr 6250 ser 37/3274 of 25 Jun 93
(b) OPNAVINST 6250.4B
(c) DoD Directive 4150.7
(d) BUMEDINST 6250.12C
(e) NAVMED P-5010-8, Rev. Nov 2004
(f) NAVFACINST 6250.3H
(g) OPNAVINST 5090.1C

Encl: (1) Emergency Vector Control Supplement
(2) Mosquito Activity Synopsis

1. Situation. To establish an emergency Vector Control Plan for Marine Corps Air Station (MCAS), Cherry Point, North Carolina in compliance with the references.

2. Cancellation. AirStaO 6250.4A.

3. Mission. To effectively eradicate exceptionally large pest populations associated with widespread flooding and disruption of sanitation from severe weather conditions or any other instances when extensive spraying is required to stop a vector-borne disease outbreak.

4. Execution

a. Commander's Intent and Concept of Operations

(1) To implement an effective emergency vector control program and integrate it into the Air Station's pest control program.

DISTRIBUTION STATEMENT A: Approved for public release;
distribution is unlimited.

(2) Concept of Operations

(a) Due to the need to minimize disease transmission by vectors, immediate control is required by means of efficient, environmentally safe insecticides.

(b) Aerial and ground applications are required in order to cover all of Cherry Point, outlying fields, and housing areas.

b. Tasks

(1) Commanding Officer, Naval Health Clinic, Cherry Point

(a) Ensure all preventive medicine technicians (PMTs) maintain current DOD Pesticide Applicators Certification in Category 8, Public Health, as part of their Navy enlisted classification.

(b) Coordinate with Wing Surgeon as necessary for additional medical support.

(2) Environmental Health Officer or Leading Preventive Medicine Technician, Naval Health Clinic, Cherry Point

(a) Maintain appropriate epidemiological surveillance for vector-borne diseases.

(b) Coordinate overall vector abatement activities. Collaborate with the Public Affairs Officer (PAO) to alert and notify Air Station residents of disease transmission precautions and scheduled aerial and ground spray application missions. Make available information releases to PAO for dissemination to Air Station officials and residents.

(c) Notify the Director of Facilities of the emergency situation and that aerial and ground spraying may be warranted.

(d) Notify the Navy and Marine Corps Public Health Center (NMCPHC), Portsmouth, Virginia, of the situation and request the assistance of the Navy Entomology Center of Excellence (NECE), Naval Air Station, Jacksonville, Florida, in providing aerial spraying equipment, if needed.

(e) Provide personnel, as necessary, to conduct an effective Emergency Vector Abatement Program.

(f) Notify the Medical Entomologist, 2d Marine Logistics Group, Camp Lejeune, of emergency situations.

(g) Monitor the effectiveness of the pest control operation by using the enclosures (1) and (2).

(3) Director of Facilities

(a) Provide to the Preventive Medicine Department such personnel, equipment, and supplies from the pest control section as may be required.

(b) Request a contract for and qualified civilian aerial spray applicator, for use on short notice, in the event that NECE is unable to assist. In this situation, careful consideration should be given to the following:

1 Cost of service

2 Services provided

3 Availability on short notice

4 Insurance coverage

5 Experience and references (if practical) in this type of work

6 Detailed plans and response

(c) Prepare an Environmental Impact Statement for use in the event that the emergency control plan is implemented.

(4) Public Affairs Officer (PAO). Establish procedures to be followed if contacted by the local media. Coordinate with the Environmental Health Officer all information concerning aerial spray missions and medical alert notices. Ensure that Air Station residents receive a minimum of 48 hours notice prior to spray missions. Notification should include e-mail messages to tenant commands, marquee postings at gates and base housing, and dissemination of information fact sheets throughout the Air Station.

(5) Director of Operations. Coordinate the use of helicopters and air crews to be used for aerial spraying within the areas of responsibility until the emergency has ceased.

PUBLIC HEALTH EMERGENCY OFFICER,

(6) ~~Disaster Preparedness Officer~~, Naval Health Clinic, Cherry Point

(a) Coordinate with the ~~medical officer and the~~ preventive medicine department in all efforts supporting contingency disease vector and pest control relief.

(b) Liaise with tenant command personnel who can provide and/or authorize funding and resources to support emergency vector and pest control measures.

5. Administration and Logistics. The Commanding General, 2d Marine Aircraft Wing and the Commanding Officers, Naval Aviation Depot, CLC-21, and 12th Dental Company concur with the contents of this Order insofar as it pertains to members of their commands.

6. Command and Signal

a. Command. This Order is applicable to all personnel.

b. Signal. This Order is effective the date signed.


R. C. MANN
By direction

DISTRIBUTION: A



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ASO 6250.4B Ch 1

NHC
12 JUL 2010

AIR STATION ORDER 6250.4B Ch 1

From: Commanding Officer, Marine Corps Air Station, Cherry Point
To: Distribution List

Subj: EMERGENCY VECTOR CONTROL

1. Situation. To direct pen changes to the basic Order.
2. Execution
 - a. On page 4 of the basic Order, remove, "Disaster Preparedness Office, Naval Health Clinic, Cherry Point," and replace with, "Public Health Emergency Officer/Emergency Management Officer, Naval Health Clinic, Cherry Point."
 - b. On page 4 of the basic Order, paragraph 4.b.(6)(a), remove the words, "medical officer and the."
3. Filing Instructions. File this Change transmittal immediately behind the signature page of the basic Order.

ROBERT D. CLINTON
Executive Officer

DISTRIBUTION: MCAS A

EMERGENCY VECTOR CONTROL SUPPLEMENT

1. The emergency vector control supplement is designed to assist in managing exceptionally large insect populations. Widespread flooding and disruption of sanitation services from abnormally destructive weather conditions (hurricanes, tornadoes, and flooding) demands extensive medical surveillance and chemical treatment (ULV, Larvicide) to eliminate or suppress vector-borne disease outbreaks.

a. Hurricanes. Widespread flooding and structural damage to facilities and dwellings, which will result in increased populations of mosquitoes, flies, cockroaches, ants, ticks, and rodents.

b. Tornadoes. Localized damage to facilities and dwellings, which will result in increased populations of flies, cockroaches, and rodents.

2. Disease Risk and Control

a. Vector-borne diseases with associated vectors:

| Disease | Vector/Pest | Reservoir Control |
|--|--|---|
| Encephalitis, West Nile Virus | Mosquitoes: <i>Culiseta melanura</i> <i>Aedes sollicitans</i> <i>Aedes taeniorhynchus</i> Birds. | ULV (ground / aerial), Larvicide, Restrict outdoor activity, wear insect repellent with DETT. |
| Disease | Vector/Pest | Reservoir Control |
| Bacillary Dysentery | Flies / Cockroaches | Harborage denial, residual spray in cracks and crevices, bait stations. |
| Lyme Disease, Rocky Mountain Spotted Fever | Ticks: <i>Ixodes dammini</i> <i>Amblyomma americanum</i> | Environmental modification, residual spraying, personal protective clothing, insect repellent. |

| | | |
|------------|--|---|
| Hantavirus | Deer Mice, Hantavirus Pulmonary Syndrome, | Harborage denial, residual spray in cracks and crevices, bait stations. Personal protective gear a must when cleaning up deer mice mess. |
|------------|--|---|

b. Food service areas and potential evacuation vector control shelter centers may require supplemental vector control.

3. Supporting Area Activities.

- a. Craven County Public Health. (252)636-4920
- b. Craven County Mosquito Control (252)636-4936
- c. NC Public Health/Natural Resources (252)728-8550
Regional Office, Morehead City, NC (919)733-6407
State Office, Raleigh, NC
- d. Navy Environmental Preventive (757)953-6600
Medicine Unit #2, 1887 Powhattan St. DSN 564-7671
Norfolk, VA. 23511-3394
(After action report required)
- e. Navy Entomology Center of (904)542-2424
Excellence, Naval Air Station DSN 942-2424
P.O. Box 30x43, Bldg 937
Jacksonville, FL. 32212-0043
- f. Navy and Marine Corps Public (757)953-0700
Health Center, 620 John Paul DSN 377-0700
Jones Circle, Suite 1100
Portsmouth, VA. 23708-2103

4. Personal Protective Equipment

a. Pest Control will maintain the personal protective equipment required for pest control personnel.

AirStaO 6250.4B
23 JUN 2008

- b. The equipment consists of the following:
- (1) Non-insulated, black rubber, knee-high boots
 - (2) Coveralls, safety and industrial
 - (3) Ear plugs and ear muffs
 - (4) Gloves, chemical and oil protective
 - (5) Goggles, industrial and not vented
 - (6) Helmet, safety
 - (7) Respirator kit
 - (8) Filters

23 JUN 2008

Mosquito Activity Synopsis Week _____, Date _____

Weekly CDC Trap Collections

Weekly CDC Trap Total Collections

n=

Legend:

+ California Group Virus
 * Alphavirus Group, Eastern equine virus
 AC=Artificial Container FP=Flood Plain
 SM=Salt Marsh TH=Tree Hole
 TW=Temporary Water
 PW=Permanent Water TP=Temporary Pool

| Species | | | Habitat | Bridge Vector | % 2000 Populati on Week | % 2001 Populati on Previous Week | % 2001 Population on Current Week | % Increase Decrease |
|----------------------------|--|--|---------|---------------|----------------------------------|--|---|-------------------------------|
| <i>Ae. albopictus</i> | | | AC | YES | | | | |
| <i>Ae. vexans</i> * | | | FP | YES | | | | |
| <i>Oc. canadensis</i> | | | FP | YES | | | | |
| <i>Oc. fulvus pallens</i> | | | TP | ? | | | | |
| <i>Oc. infirmatus</i> | | | TP | YES | | | | |
| <i>Oc. mitchellae</i> | | | TW | ? | | | | |
| <i>Oc. sollicitans</i> | | | SM | YES | | | | |
| <i>Oc. sticticus</i> | | | FP | ? | | | | |
| <i>Oc. taeniorhynchus</i> | | | SM | YES | | | | |
| <i>Oc. triseriatus</i> * | | | AC/TH | YES | | | | |
| <i>Oc. Atlanticus</i> ** | | | FP | YES | | | | |
| <i>An. crucians</i> - | | | PW | YES | | | | |
| <i>An. punctipennis</i> | | | PW | YES | | | | |
| <i>An. quadrimaculatus</i> | | | PW | YES | | | | |
| <i>Cq. perturbans</i> | | | PW | YES | | | | |
| <i>Cs. melanura</i> | | | PW | IM | | | | |
| <i>Cx. complex</i> | | | FW | YES | | | | |
| <i>Cx. erraticus</i> | | | FP | YES | | | | |
| <i>Cx. pipiens</i> | | | TP | YES | | | | |
| <i>Cx. restuans</i> | | | TP | YES | | | | |
| <i>Cx. salinarius</i> | | | TW | YES | | | | |
| <i>Ps. ciliata</i> | | | TW | ? | | | | |
| <i>Ps. columbiae</i> | | | TW | YES | | | | |
| <i>Ps. ferox</i> | | | FP | YES | | | | |
| <i>Ps. howardii</i> | | | FP | ? | | | | |
| <i>Ur. sapphrinia</i> | | | PW | ? | | | | |

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