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.

By direction

R. C. MANN

DISTRIBUTION: A
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:

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

Enclosure (1)
| 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 Regional Office, Morehead City, NC State Office, Raleigh, NC (252)728-8550 (919)733-6407

d. Navy Environmental Preventive Medicine Unit #2, 1887 Powhatan St. Norfolk, VA. 23511-3394 (After action report required) (757)953-6600 DSN 564-7671

e. Navy Entomology Center of Excellence, Naval Air Station P.O. Box 30x43, Bldg 937 Jacksonville, FL. 32212-0043 (904)542-2424 DSN 942-2424


4. Personal Protective Equipment

a. Pest Control will maintain the personal protective equipment required for pest control personnel.
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
Mosquito Activity Synopsis Week _____, Date ____________

Weekly CDC Trap Collections

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<tr>
<th>Species</th>
<th>Habitat</th>
<th>Vector</th>
<th>% 2000 Population Week</th>
<th>% 2001 Population on Previous Week</th>
<th>% 2001 Population on Current Week</th>
<th>% Increase Decrease</th>
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Legend:

+ California Group Virus
* Alphavirus Group, Eastern equine virus
AC=Artificial Container
SM=Salt Marsh
TW=Temporary Water
PF=Permanent Water
TP=Temporary Pool

Enclosure (2)