RL Biological Control Program Update

for

Hanford Advisory Board
Health, Safety,
and Environmental
Protection Committee

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June 15, 2010

U.S. DEPARTMENT OF ENERGY

West Nile Virus - Awareness

- Hanford All Employee bulletins
- Presidents' Zero Accident Council (PZAC) meeting attendance
- AdvanceMed Hanford information links
- AdvanceMed Hanford presentations
- Benton County Mosquito Control District open house

U.S. DEPARTMENT OF ENERGY

West Nile Virus - Activities

Mission Support Alliance
Weekly Safety Start

Department of Energy VPP

Mosquitoes

Mosquito season, (April –September)

This time of year brings an increased threat of mosquito-borne diseases such as West Nile Virus (WNV). Most mosquito bites do not lead to human illness, yet mosquito borne-diseases can be serious. Mosquitoes breed in anything that can hold water for several days. Mosquito exposure can be reduced by eliminating mosquito habitats.

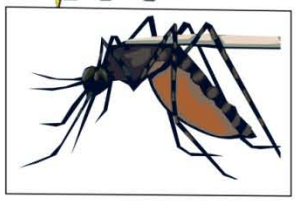
To prevent mosquito bites, wear long-sleeved shirts and pants, make sure doors and windows are properly screened, and avoid mosquito-infested areas or stay indoors when mosquitoes are most active. When in mosquito-infested areas, use an effective repellent. Repellents that contain DEET, Picaridin, oil of lemon eucalyptus, or IR-3535 are registered by the EPA and have been proven to be effective.

Here are a few informative links about mosquito borne illness control:

http://www.bfhd.wa.gov/wnv/index.php

http://www.cdc.gov/niosh/topics/westnile/.

Date April 26, 2010



If mosquitoes are flying, there is a danger from West Nile Virus. Infected mosquitoes spread West Nile Virus, a disease that can cause serious, life-altering, and even fatal symptoms. Keep using insect repellent, wear long sleeves and long pants and dump out standing water in the yard where mosquitoes can lay their eggs. The following links area from the CDC:

- Use Mosquito Repellent
- Eliminate standing water where mosquitoes can lay eggs
- Install or Repair Window and Door Screens
- Support Community-Based Mosquito Control Programs

Visit the ISMS Web site for Phase 1 implementation activities: http://msc.rl.gov/ims/page.cfm/ISMS MSA-2009-10-0014

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Supervisor Briefing points:

- MSA provides the site-wide mosquito control program to reduce breeding sites and includes ground spraying, larvacide applications, and surveys in areas reported to be infested.
- WNV is a regional public health concern and MSA is working with Benton, Franklin and Yakima counties to assure our program is complementary with other regional programs.
- If you see standing water or suspect mosquitoes at Hanford call Ray Johnson at MSA to have the areas treated (509) 372-3056.
- Look for and eliminate areas of standing water to prevent mosquito breeding. (Prevention is your best protection)
- When outdoors, wear long sleeve shirts, long pants and socks.
- Use insect repellent per manufacturer's instructions – either directly on exposed skin, or on clothing, but never on skin covered by clothing.
- Remember, peak mosquito hours are from dusk to dawn, but biting times vary among species of mosquito.

Employee's Questions:

- **Am I aware of mosquito control measures I can take at work and at home?**
- **Do I practice good mosquito bite prevention?**
- **Do I let my coworkers and Management know when I suspect an area has heavy mosquito activity?**
- **Review ISMS guide book, page 19**

Environmental tip:

Guiding Principle 6:

Hazard Controls Tailored to Work being Performed

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West Nile Virus
Activities

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West Nile Virus - Actions

- Proactive pest control (56 mosquito control responses in past 5 years)
- Reactive pest control (376-PEST)
- Communicate with Benton County Mosquito Control District
- Work with facility Safety Officers to coordinate pesticide applications

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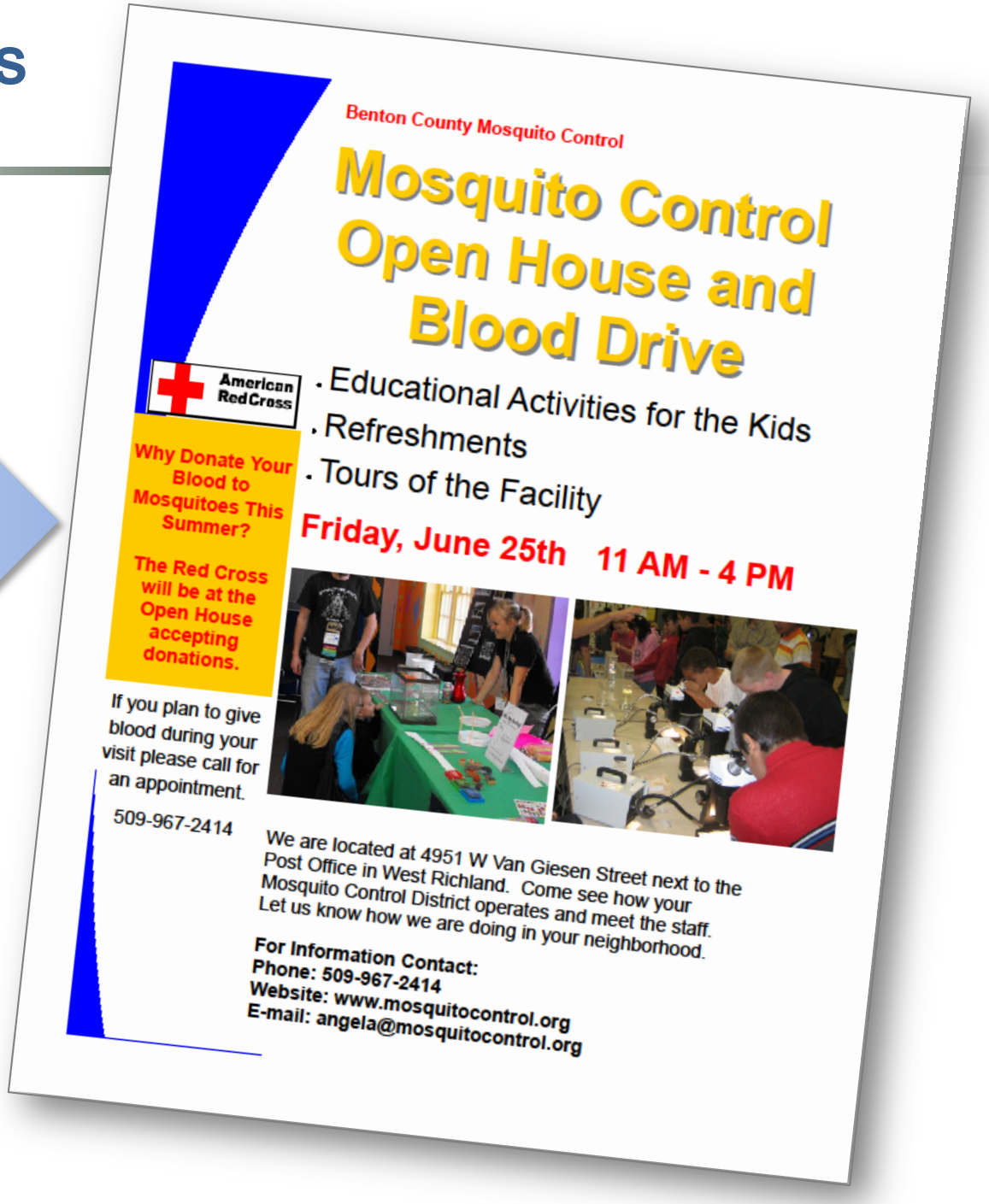
West Nile Virus
Activities



Benton County Mosquito Control

Mosquito Control Open House and Blood Drive

American Red Cross

- Educational Activities for the Kids
- Refreshments
- Tours of the Facility

Friday, June 25th 11 AM - 4 PM

Why Donate Your Blood to Mosquitoes This Summer?

The Red Cross will be at the Open House accepting donations.

If you plan to give blood during your visit please call for an appointment.

509-967-2414

We are located at 4951 W Van Giesen Street next to the Post Office in West Richland. Come see how your Mosquito Control District operates and meet the staff. Let us know how we are doing in your neighborhood.

For Information Contact:
Phone: 509-967-2414
Website: www.mosquitocontrol.org
E-mail: angela@mosquitocontrol.org

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West Nile Virus - Change

- Target West Nile Virus-carrying mosquitoes (7 of 22 local species) referred to as “bird biters”
- Preparing to enhance both “barrier spray” as well as “fogging”
- Adding pesticides known to be effective in controlling mosquitoes (e.g. ‘Naled’ ‘Pyrethrum’ etc.)
- Revised structure of Animal Control Operations under the Site Commercial Pesticide Applicator to specifically control mosquitoes & respond to requests for service