

City of Richmond Mosquito Control Program

City's AOne - Two@Punch Program

The City of Richmond approaches this potential problem with a AOne - Two@punch. Applications of both larvicide and spraying for the most efficient mosquito control resolution. The most effective approach in reducing the mosquito population is our larvicide program. EPA approved, **Altosid briquets** are used in treating open ditches within the right-of-ways and storm sewer system (area of standing water) which are breeding grounds for the mosquito. The EPA approved, Altosid is in briquet form which is effective for 30 days, providing that we do not receive heavy rains which wash the chemical away from the targeted application area. The larvicide application kills the mosquito larvae before it has the opportunity to become an adult.

The second part of the AOne - Two@punch is the application of the EPA approved **PERMX 3030** which is effective for approximately 30 minutes and for a distance of up to 300 feet from the street, depending upon weather conditions. The vehicle mounted units spray the street right-of-ways throughout the entire City to help reduce the adult mosquito population. The application of the **PERMX 3030** is administered by the City's Licensed Contractor.

MOSQUITO CONTROL SCHEDULE

The City of Richmond makes an effort to control the adult mosquito population by spraying and the use of Altosid briquets. The City's mosquito control program starts May 1 until October 1 or later, as needed. **Spraying and the use of Altosid briquets is done on an as needed basis.**

CITIZEN ACTION

The City of Richmond Mosquito Program works toward environmental elimination and prevention of the mosquito breeding sites. The City sprays public right-of-ways. Citizens can assist with mosquito control by following precautions to prevent their homes from becoming a breeding ground for mosquitoes:

- * Fill holes in trees with sand or mortar or drain and spray them as required.
- * Empty, remove or cover any containers that would hold water, such as old bottles, tires and buckets. Eliminate all standing water, old tires, cans, flower pots, etc. from your property.
- * Clean any blocked gutters.
- * Change water in bird baths and flower cuttings every few days.

- * Cover or turn boats upside down, Pump water from bilge on larger boats.
- * Drain flat roofs.
- * Stock ornamental ponds with mosquito eating fish.
- * Insecticides and chemical foggers can control mosquitoes out side home. Visit your local garden supply dealer to discuss the many products available (use pesticides safely and responsibly. Read and follow manufacture directions carefully when using mosquito repellent or any other insecticides).
- * Wear long pants and long sleeved shirts when outdoors, especially at dawn or dusk.
- * Make sure screens on windows and doors are in good condition.
- * Insect repellents containing DEET are the most effective.
- * Empty, invert or cover swimming pools and or hot tubs when not in use.
- * Repair leaky plumbing and outside faucets.
- * Don't wash lawn clippings into the storm sewers.

MOSQUITO FACTS

- * All mosquitoes must have water to develop.
- * Most prefer slow-moving or stagnant water in which to lay their eggs.
- * One tablespoon of water may breed over 200 mosquitoes.
- * During warm weather, mosquitoes can complete their life cycle in 14 days.
- * Only the female mosquitoes bites because she needs a blood meal to produce viable eggs.
- * The itching of the mosquito bite is caused by a small amount of saliva that the female injects to prevent the blood from clotting.

PROCEDURE TO REQUEST SPRAYING YOUR NEIGHBORHOOD

If you believe your neighborhood needs to be sprayed due to an excessive volume of mosquitoes, Please call the Public Works Department at (281) 342-0559.

We take our role in completing citizen requests for service very seriously. We will respond after carefully evaluating your request. We appreciate your patience and understanding.