

## Notice of Aerial Larvicide Application for Mosquito Control



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The Norfolk County Mosquito Control Project will be treating wetlands in 25 of the communities within the district with a granular form of Bti (*Bacillus thuringiensis israelensis*), a naturally occurring soil bacterium that kills mosquito larvae before they become adult mosquitoes.

**Typically this takes place in mid to late April depending on the development of mosquito larvae. Additional applications may occur during the summer months if larval development warrants additional control efforts.**

Bti is virtually non-toxic to humans, plants, and animals. The Bti is impregnated on coarsely ground corncob granules. In the larger wetlands which are inaccessible from roads, these applications will be done by helicopters flying at tree top level. The granules, when applied, fall straight into the wetland and do not drift beyond the targeted area.

Aerial Bti applications will only be done in wetlands that potentially harbor significant numbers of mosquito larvae. In early March the Project will begin taking "dip" samples of water from these wetlands in order to determine larval density. The Project will follow up with aerial/ground applications where sufficient mosquito larvae density has been identified. Aerial applications of Bti are currently scheduled to take place sometime between mid and late April depending on the speed of larval development.

According to information on the [EPA website](#): "...microbial larvicides "...are essentially nontoxic to humans, so there are no concerns for human health effects with Bti..." and "...do not pose risks to wildlife, most non-target species, or the environment..."

Since the mosquito species most likely to be potential vectors of West Nile Virus develop in containers such as rain gutters, kiddie pools, or any other containers which hold water for more than five days, the public can play a major role in controlling these vectors by eliminating all standing water on their property

Residents not wishing to have their property treated must notify the Town Clerk in writing, and send a copy to the Norfolk County Mosquito Control Project.

The Norfolk County Mosquito Control Project will be conducting helicopter applications of the biological larvicide Bti to control mosquito larvae. The application will be conducted over specific large wetlands including the City of Quincy.

The application may be conducted at any time between April 5, 2010 and September 30, 2010 as conditions warrant. The trade name of the granular formulations of Bti to be used is VectoBac G (EPA Reg. #73049-10).

For further information contact John J. Smith, Director at: (781) 762-3681. Information is also available on line at <http://massnrc.org/ncmcp>