WATER MANAGEMENT

A basic fact of the mosquito's biology is that they can only develop in still, standing water. Female mosquitoes are unable to lay their eggs in flowing water, because the larvae and pupae are unable to attach their siphon tube to the water's surface to breathe.

If an area is allowed to drain, the potential for a mosquito breeding problem is reduced. CMMCP employs several different methods to achieve this goal. The first method used is to manually clean the area, using hand and power tools. Brush and other obstructions are cleared from the stream bed and from the sides to reduce the likelihood of future problems. This method minimizes the impact to the area, and can be quite effective in reducing the mosquito breeding potential.

In some areas however, heavy machinery is needed to deepen and/or widen the stream channel due to siltation and other problems common to the drainage systems in this area. CMMCP uses a specially designed excavator to reduce the impact to the wetland systems, and allow us to accomplish our goal to maintain adequate water volume. Many factors need consideration when a piece of equipment like this is involved in a wetland area. The Project's ultimate goal is to reduce the mosquito breeding without a significant detrimental effect on the vegetation and wildlife in the area. Original stream channels are followed closely, and the site is maintained as close to the original state as possible.

For more information on our control techniques or on any of the products we use, please call us at 508.393.3055 Monday through Friday from 7:00 AM to 3:30 PM.

Link Belt 1600

Central Massachusetts Mosquito Control Project
111 Otis Street Northborough, MA 01532
508.393.3055

Ken Courtemanche, Superintendent **Tim Deschamps, Asst. Superintendent**

CONTROL & TECHNIQUE FACT SHEET

This brochure presents specific information on our operation and the techniques we use to reduce the potential for mosquito nuisance. Included in these pages are explanations on the products and methods we employ to ensure proper pesticide applications with a minimal risk to the public.

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