

PUBLIC INFORMATION
LOWER NICOLA INDIAN BAND
2021 MOSQUITO CONTROL PROGRAM

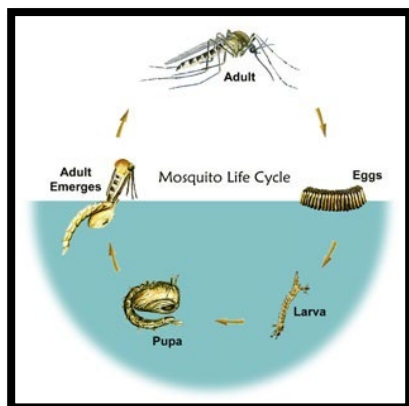


Surveying and monitoring for the annual Thompson Nicola Regional District Electoral Area M+N annual Mosquito Control Program is scheduled to begin as early as the week of 12-16 April 2021. The consulting firm working with the TNRD and local First Nations in the management of mosquito populations is *Duka Environmental Services Ltd.*, a firm with over 35 years of experience in mosquito population surveillance and control. All mosquito larvicide applications by *Duka Ltd.* certified personnel would be completed under the BCMOE-approved Integrated Pest Management Plan # 116-0031-21/26.

The goal of the annual program is to reduce adult mosquito annoyance for residents and visitors. The best way to achieve this is through effective control of developing larval mosquito populations. Control program efforts are focused on the identification and treatment of mosquito larvae using the biological larvicide VectoBac 200G (PCP #18158) containing the heat-killed bacterium, *Bacillus thuringiensis* var. *israelensis* (*Bti*). This product is specific in its control of mosquitos and biting flies. It has no effect of non-target insects, fish, reptiles, amphibians, birds or mammals, including humans, livestock and pets.

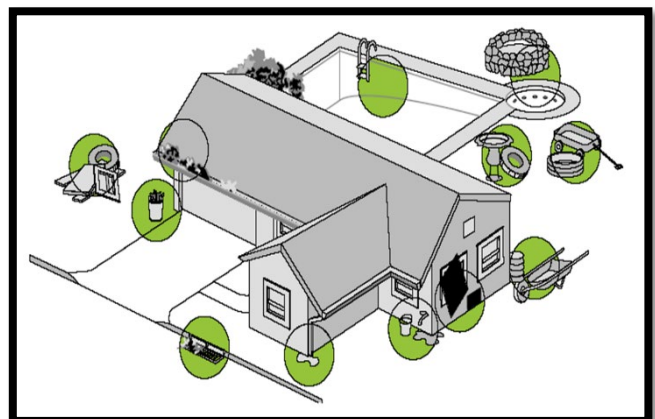


Larval development occurs in shallow ponds, non-flowing ditches, depressions and tire ruts located on private properties, roadsides, farm fields and undeveloped areas.



Increased river and lake levels cause seepage and floodwaters to accumulate in low-lying areas on farm fields, ranch lands, forested and undeveloped areas. These provide, ideal larval mosquito development habitat. Proposed treatment dates are from mid-April 2021, through to late August 2021, depending on conditions. Applications would be completed from the ground, and by air using helicopters. VectoBac 200G would be only applied when, and where mosquito larvae are present. Program technicians will follow all recommended COVID-19 safety protocols (masks, distancing) during their interactions with the general public.

While the larval mosquito control program will reduce overall mosquito populations, residents and visitors should still be prepared to protect themselves from adult mosquitos by using repellents and wearing loose, light coloured clothing. Avoid perfumed skin care products and shampoos. Regularly drain and refill wading pools, livestock watering troughs and empty water-filled boats, tires, canoes or other containers. Where possible fill or grade water-holding tire ruts and depressions. Ensure window screens are in place.



More information? Please leave a message, including your name, address and daytime contact number for

Duka Environmental Services Ltd. Tel: 1-604-881-4565 - Email: duka@telus.net

For detailed information on

VectoBac 200G www.valentbiosciences.com and
reducing adult mosquito annoyance around your property www.duka.consulting

