



# Advanced Drone Technology

## Transforming the Vector Control Industry

The ever-changing technology landscape has made way for exciting developments in the realm of public health. VDCI is proud to offer drone technology as part of our toolbox of advanced mosquito control solutions.

Larvicide and adulticide treatments require rigorous execution to ensure applications are safe and effective. All application efforts are unique and rely on customized strategies to meet the desired objectives.

- **Aerial Adulticiding** can achieve control over a wide area in a single application, whether in an emergency or as a tool to complement your ground-based activities.
- **Aerial Larviciding** services are capable of treating large areas more efficiently. Our team can target regions where standing water exists that may otherwise be inaccessible.

VDCI leverages drone technology for multi-faceted mosquito control projects that require a versatile approach.

Drone technology is a dynamic compliment to our existing fleet of twin-engine aircraft and GPS-monitoring systems, which are capable of rapidly treating vast areas as a natural disaster response tool or as regional needs arise.

Aerial equipment plays an integral role in an Integrated Mosquito Management (IMM) program built on proactive strategies, advanced technologies, and public education.

### Professionalism

VDCI's UAS (Unmanned Aircraft System) pilots are licensed through the Federal Aviation Administration. Our professionals specialize in airspace regulations, maintenance procedures, and emergency response.

### Privacy

Drones are quieter and less intrusive in residential areas. To guarantee privacy, our drones do not record.





# Industry-Leading UAS Services

VDCI owns our own fleet of larviciding and adulticiding drones. Because we don't have to rely on third party subcontractors, you can rest assured that we will be there when you need us.

## Why Drones?

- Drones facilitate faster, more efficient applications across previously inaccessible areas.
- Optimized product use to help maximize the allocated budget.
- Cost-effective alternative for smaller acreage or when traditional aerial services are not applicable.

## How Do They Work?

- Drone operators remotely map project sites and use collected data to program navigation routes.
- Equipment is supplied and replenished at regular intervals with liquid or granular product.
- Drones precisely maneuver designated flight paths, covering up to 200 acres per day.

## Are They Safe?

- Highly-targeted applications prevent unintended product dispersion near drone operators and nearby homes or businesses.
- Allow experts to refrain from entering dense or precarious water and terrain.
- Prevent disturbance of valued endangered species habitat while avoiding dangerous animals like snakes and alligators.

## Our Promise

Drone technology upholds VDCI's promise to preserve our environment while improving quality of life. We are dedicated to exceeding the expectations of our clients while ensuring our colleagues and your residents are safe each day.

We're committed to protecting public health through excellence in vector control.



800.413.4445 | [vdcinet.net](http://vdcinet.net)

