

# The Integrated Mosquito Management (IMM) Advantage: Superior Control and Health Protection for Industrial Facilities

## A Comprehensive Approach to Keeping Industrial Facilities and Employees Safe From Nuisance Mosquitoes and Vector-Borne Diseases

Industrial facilities create essential products and equipment that power and support every facet of our communities. Industrial employees often work day and night through challenging and sometimes precarious conditions to get the job done. While not always regarded as a serious danger, mosquitoes can pose additional threats to their safety and well-being.

Industrial environments that extend outdoors can put employees at risk of vector-borne diseases such as Zika, West Nile virus, and Yellow Fever. Pesky mosquitoes can also create distractions that jeopardize the safety and efficiency of production, which is often overlooked in risk assessments. Not only that, mosquitoes can interfere with the operations of facilities themselves. For example, mosquitoes can get pressed into the paper at paper mills, causing the entire batch to get thrown out, resulting in wasted time and resources.

## A Proactive Approach

A comprehensive and proactive approach to mosquito management involves targeting mosquitoes at all stages of the lifecycle to keep populations in check. Professionals utilize many tools and strategies to alleviate immediate problems and establish long-term control, leading to a happier, safer workplace and more efficient operations.



Mosquitoes reproduce anywhere that water can pool, and industrial facilities have the perfect environment for them to thrive:

- Equipment / machinery
- Scrap materials
- Barrels / dumpsters
- Buckets / potholes
- Toolboxes
- Tarps
- Truck beds / wheelbarrows
- Outdoor faucets



They also don't respect geographical boundaries so certain areas surrounding the facility can cause major mosquito problems too:

- Woods
- Deep shrubbery / foliage
- Tall / low-lying grassy areas
- Wetlands



## Surveillance and Disease Testing

Regular monitoring and sampling of local mosquitoes allow professionals to identify the types of species present, the disease risk, and the areas where populations have proliferated.



## Data Collection

Data gives insights into mosquito breeding areas and populations, disease threats and the potential for insecticide resistance. It allows us to effectively treat the right places at the right times, reducing the amount of spraying on the job site. Collected data is recorded in VDCI's proprietary database and reported to customers on a recurring basis.



## Ground Applications

Ground crews use advanced spray technologies and EPA-registered products to target mosquitoes at both the adult and larval stages. Applicators are trained in the safest mosquito control practices in accordance with national standards. Depending on the desire of the facility, our professionals can carry out spraying via truck or foot.



## Aerial Applications

VDCI operates a robust fleet of planes and aerial drones. Ground crews can use professional drones to more efficiently and precisely apply product in areas around the worksite that are hard to reach on foot, allowing us to target regions that your typical commercial mosquito control company can't. Additionally, drone applications are quiet and less disruptive to work activities.\*

*\*Drones are configured with advanced software that inhibits filming in sensitive areas.*

# Public Education



Education is key to ensuring that staff members reinforce your mosquito management efforts. Our experts can assist with educational presentations at safety meetings so that workers are employing best practices to help limit mosquito breeding habitat around your facilities and have appropriate personal protection to help prevent bites:



**Defend** - Use EPA-approved insect repellent.

**Dress** - Wear light-colored clothing, closed-toe shoes, long sleeves, and long pants while outdoors.

**Drain** - Eliminate standing water sources where mosquitoes breed.

**Dusk & Dawn** - When possible, avoid the outdoors during the times that mosquitoes are most active.

There can be a lot of hazards at industrial facilities to navigate around, but mosquitoes don't have to be one of them. By working together, we can help reduce the concern of these harmful pests so that your employees can have peace of mind while working on site.



Contact our experts at [admin@vdc.net](mailto:admin@vdc.net) or call 866.403.4111 so that they can help you develop a custom IMM program to meet your workplace's needs.