



Sam Stines
Louisiana Regional Director
Chief Biologist

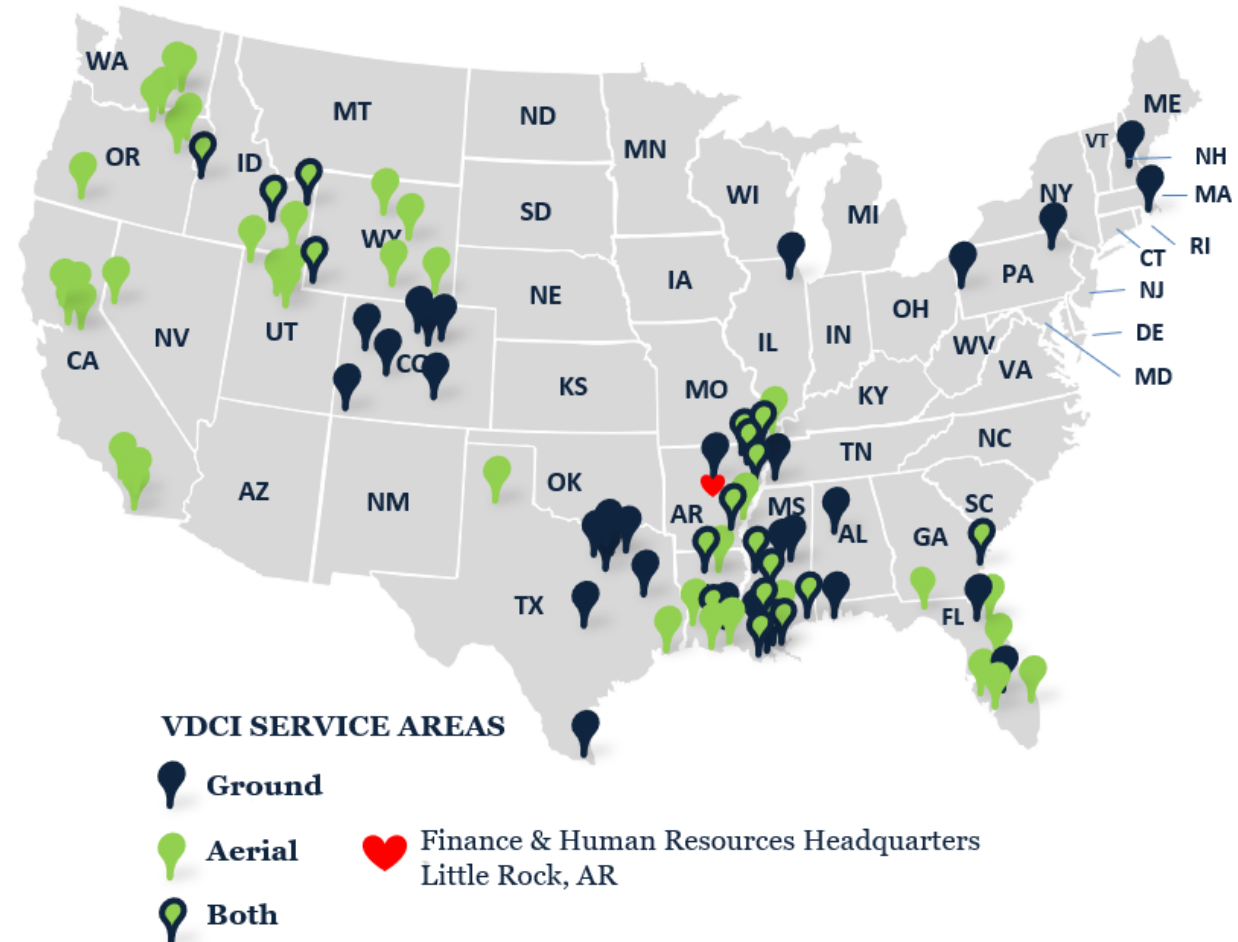
Qualifications and Experience



vdci.net ~ 1-337-593-0123

- Largest Mosquito Control Contractor in the U.S.
- 350+ Vehicles
- 14 Airplanes (Both Adulticiding and Larviciding)
- Available Resources After Hurricane
- Knowledge of regional ecosystem, insects, and diseases

VDCI Service Areas in the United States



Resources and Equipment

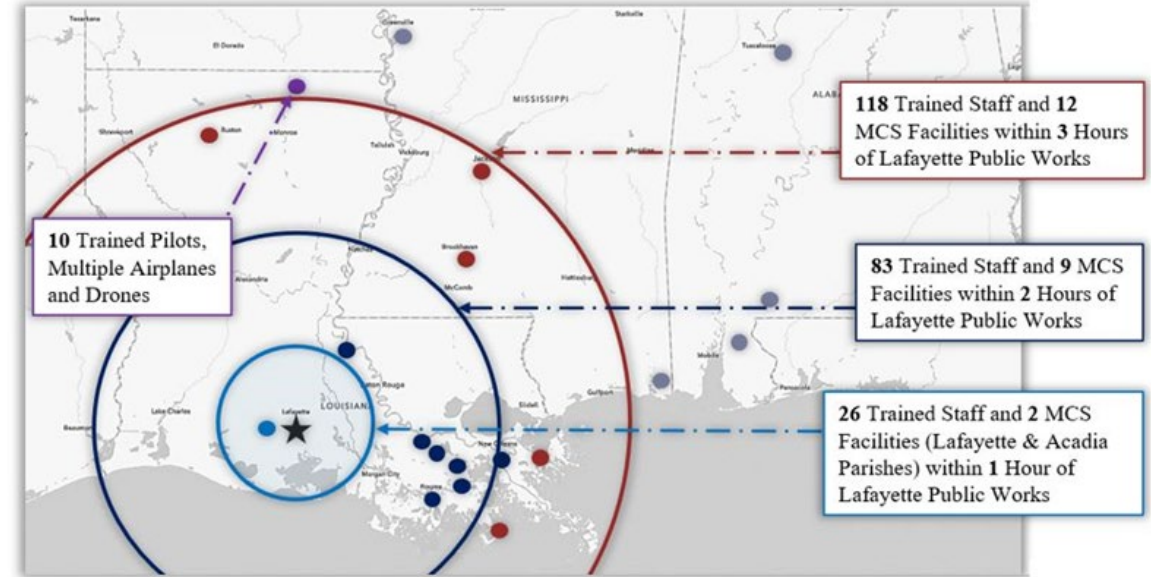
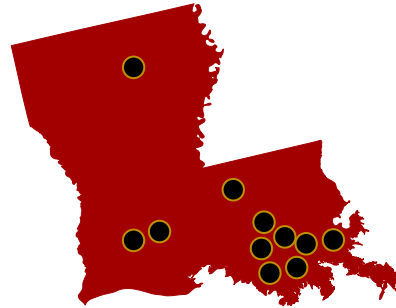


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Louisiana

- Lafayette Parish*
- Acadia Parish *
- Jefferson Parish *
- St. Bernard Parish *
- St. Charles Parish *
- St. John Parish *
- St. James Parish
- Terrebonne Parish *
- Lafourche Parish
- Pointe Coupee Parish*

8 Facilities (* Denotes Location)



Inspection & Surveillance



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Larval Surveillance

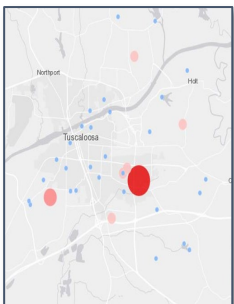


STANDARD DIPPER

Used to survey for immature mosquitoes and identify stage of life cycle

RAIN GAUGES

Used to survey rain amounts throughout the county for targeted responses



INSPECTION AND MAPPING

Documentation and frequent inspections create knowledge for better control

Adult Surveillance



Landing
Rates

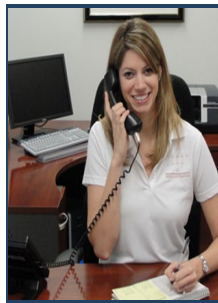
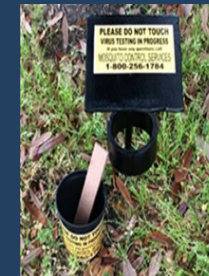


New Jersey
Light
Traps

Gravid
Traps



Oviposition
Traps



Service
Requests



CO2 Baited
CDC
Traps



MOSQUITO SURVEILLANCE DEVICE
— DO NOT TOUCH —

Scan the QR code
to learn about
this trap & how it
helps mosquito
control efforts.



Questions?
Call 1-800-256-1784

Political/Yard Sign



Larval Mosquito Control



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Backpack Applications



Truck Applications



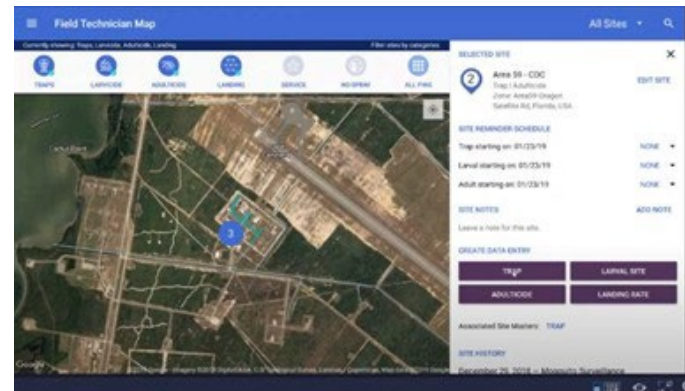
Minnows



Wide Area Larviciding



Catch Basin Management



Larvicide Tracking/Scheduling



Wide Area Larviciding

Adult Control



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Adult Mosquito Control

- Ground Applications
- Barrier Treatments
- UTV Spraying
- Possible Aircraft Applications

Truck Treatments

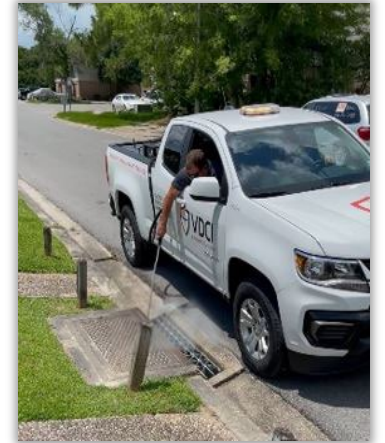
- Tracking of location and speed
- Track on/off chemicals
- Automatic shutoff of areas with bees and sensitivities
- Rate of chemical spray is based on speed of truck
- Drivers can see parameters of spray assignments and service requests



Truck Applications



Barrier Treatments



Drain Treatments



UTV Applications



Aerial Applications



Tracking and Flow Control



Efficacy Testing for Safe and Effective Applications



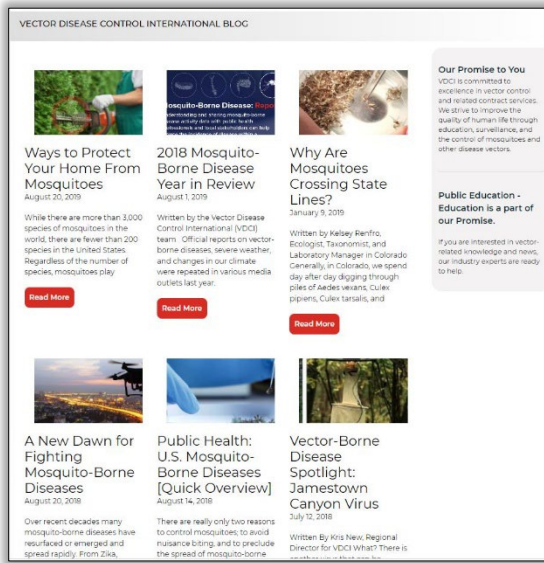
Technology & Safe Practices to
Protect Non-Targets



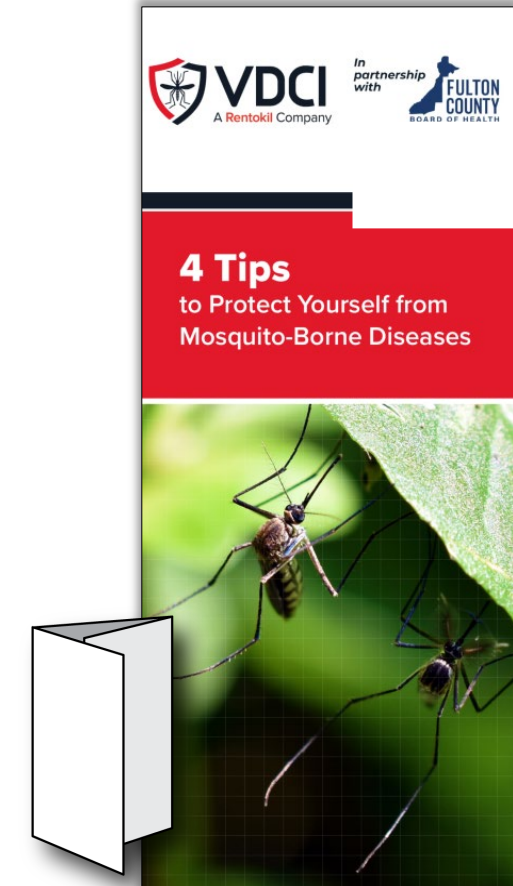
Education and Public Engagement



School Presentations



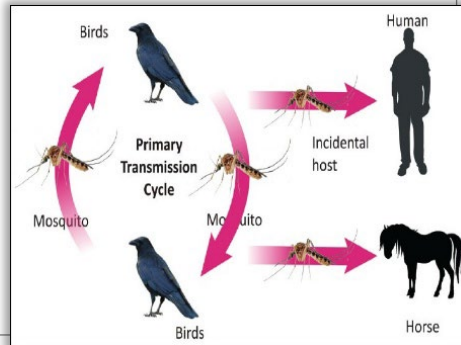
Masks & Live Specimens



Website and Blog

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- **West Nile Encephalitis**
- **St. Louis Encephalitis**
- **Eastern Equine Encephalitis**
- **Lacrosse Encephalitis**
- **Malaria**
- **Dengue**
- **Zika**



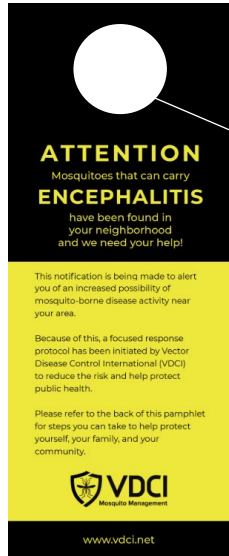
Virus Response:

- Louisiana Animal Disease and Diagnostic Laboratory or Louisiana Department of Health Notification
- Notify Bess Foret – Lafayette Parish Government
- Hand out pamphlets to educate/notify public (Unless Human – HIPPA)
- Truck spray three consecutive nights
- Treat all water for immature mosquitoes
- Set out follow-up surveillance traps – population and to test for WNV
- Keep pressure and surveillance on area

Louisiana (State Total)	West Nile Virus (WNV)							Eastern Equine Encephalitis (EEE)				Saint Louis Encephalitis (SLE)				La Crosse Virus (LACV)
	Mosquito	Avian	Equine	Human				Mosquito	Avian	Equine	Human	Mosquito	Avian	Equine	Human	Human
				NID*	F*	PVD*	Deaths									
Current 2025 Total	1281	7	7	38	13	9	1	7	0	25	0	2	0	0	0	1
2024 Total	581	0	6	24	10	4	2	1	0	15	0	1	0	0	0	0
2023 Total	765	0	4	46	7	12	4	1	0	1	1	0	0	0	0	0
2022 Total	1025	11	3	40	7	6	6	5	0	6	0	4	0	0	0	0

*NID - Neuroinvasive Disease, F - Fever, PVD - Presumptive Viremic Donor (not determined to have symptoms)

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ATTENTION
Mosquitoes that can carry
ENCEPHALITIS
have been found in
your neighborhood
and we need your help!

This notification is being made to alert you of an increased possibility of mosquito-borne disease activity near your area.

Because of this, a focused response protocol has been initiated by Vector Disease Control International (VDCI) to reduce the risk and help protect public health.

Please refer to the back of this pamphlet for steps you can take to help protect yourself, your family, and your community.

VDCI
Mosquito Management

www.vdcil.net



**PROTECT YOURSELF
FROM DISEASE-CARRYING
MOSQUITOES**

Remember the 4 "Ds"

DRAIN: mosquitoes breed in standing water and can lay 200 eggs in just a bottle cap. Are there breeding sites on your property?

- ☐ Plant drainage plates
- ☐ Bird baths
- ☐ Buckets
- ☐ Tires
- ☐ Chopped gutters
- ☐ Potholes
- ☐ Tarps
- ☐ Water gardens
- ☐ Outdoor pet bowls
- ☐ Kiddie pools and toys

DRESS: wear long sleeves, pants, and close-toed shoes

DEFEND: apply EPA-approved repellent like DEET + protect pets with heartworm medication

DUSK/DAWN: avoid the outdoors when mosquitoes are most active

Visit vdcil.com for more information