

North Carolina Department of Public Safety Mosquito Abatement Contract

NCEMA Conference



CONTRACT

Purpose of Contract

This contract was procured by NC Department of Public Safety (NC DPS) to serve as a convenient response tool for local governments, counties, tribal nations and state agencies to lessen local operational and logistical burdens to rectify public health and safety issues as quickly as possible. The contract also provides activating authorities the response tools needed to remain in compliance with federal, state and local laws, regulations and policies using a vendor with the necessary experience and technology. Presently, the contract is in effect and has a term of three years, beginning on August 23, 2021. This contract will terminate on August 22, 2024.

This contract is **not** intended for general mosquito control, eradication of nuisance mosquitoes, or to supplement local mosquito program/vector control gaps or needs locally.

VENDOR

The Department of Public Safety (NC DPS) has executed a pre-positioned contract for statewide mosquito control services with *Clarke Environmental Mosquito Management, Inc. (Clarke)*.



Clarke will serve as a first-line source for mosquito control and related services for local governments, tribal nations and state agencies, known as activating authorities for purposes of this contract. Activating authorities should work directly with Clarke at their discretion. Clarke is positioned throughout the State of North Carolina to serve as a “one-stop shop” providing technical support, community outreach, local testing, trapping, abatement and other related services to protect the health and safety of human populations in response to local, regional or large-scale disaster events that could or will involve mosquitos.

Clarke's Experience

Clarke provided complete responses and documentation supporting their experience with local, regional and statewide mosquito control operations for other states and federal agencies. Clarke outlined significant experience in mosquito control operations and in navigating regarding state, federal and local laws, regulations, ordinances, policies, permits, licenses and operations related to local, regional and large-scale disasters. Additionally, Clarke met the requirement in regard to experience and systems for capturing and transferring required supporting data and documentation to support an activating authority's expense and reimbursements and validating state or federal declarations as warranted.

Contract Services

What is Clarke allowed to do if there is a mosquito event?

The services Clarke may provide must be directly related to necessary response actions taken to protect human life, health and safety after a disaster event. According to the terms of the contract, Clarke may provide the following (*not a comprehensive list*):

- Aerial mosquito abatement with ultra-low volume (ULV) spray systems
- Ground mosquito abatement using truck, ATV and backpack/handheld methods
- Local testing and trapping/surveillance
- Mapping/GIS services and reporting
- Technical assistance
- Identification of the area's mosquito species and recommended application methods
- Homeowner engagement and public relations
- Barrier protection
- Cost justification and documentation



Contract Services

As defined in the contract, the services for this statewide contract are intended to reduce or eradicate the risk of mosquito-borne illness in human populations around the State of North Carolina.

This contract is not intended for general mosquito control, eradication of nuisance mosquitoes, or to supplement local mosquito program/vector control gaps or needs locally.

Private businesses - including farming, livestock or other agricultural operations - and other for-profit and nonprofit businesses are not considered activating authorities and will not be eligible to use the contract.

Contract Activation

Who can activate this contract?

Activating authorities are defined as local governments, counties, tribal nations and state agencies throughout North Carolina for purposes of this contract.

What is a local government in North Carolina?

Local governments include cities, towns and incorporated villages and other types of units of governments defined in NC state law at [NC GS 160A](#).

Which person with an activating authority can activate this contract if needed?

That person needs to be an authorized representative for the local government, county, tribal nation or state agency. This person is usually a senior manager or official who has the documented authority to sign legal documents, including contracts.

Contract Activation

Who do I need to call if I am an activating authority and need to activate this contract?

Activating authorities should be in touch with Clarke directly and discuss the situation to receive guidance and next steps.

How long will it take for Clarke to start their operations at the point the contract is activated?

Clarke has stated in the contract that the time from activation to services deployment will be no longer than 72 hours.

Contract Activation

How much land area is required to activate the contract? Is there a minimum?

Aerial limits to consider before activation:

- 5,000 acres for aerial **adulticiding**
- 3,000 acres for aerial **larviciding**

**Aerial and ground operations spray area minimums, application methods, operational processes, logistical positioning, pesticides used, licenses and other details are [defined in the contract](#) and should be discussed directly with Clarke due to varying situations.*

Contract Activation

Can a local government, county, tribal nation or state agency use the contract any time they choose for any reason?

NO

This contract is intended for the eradication of mosquitoes that impact the health and safety of human populations and include:

- A severe weather, man-made or other type of event that has created an environment for mosquitoes to thrive causing threats to public health and safety.

and/or

- An imminent or existing mosquito-borne infectious disease event including La Crosse encephalitis (LAC), West Nile virus (WNV), Eastern Equine Encephalitis (EEE), Zika, or other mosquito-borne diseases.

Contract Activation

When should I contact Clarke?

When there is an immediate need to respond to mosquitoes:

- Areas where the health and safety of human populations are impacted.
- Mosquito-borne disease indicators are increasing
- Large storm is approaching
- Pre-activation conversations with Clarke to discuss mapping, baseline mosquito collections, and other preparatory work.

Who should I talk with about this contract and questions I have about services, operations or logistics?

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Mosquito Management Task Force (MMTF)

The Mosquito Management Task Force (MMTF) is composed of individuals from North Carolina Emergency Management, North Carolina Dept. of Health and Human Services, North Carolina Dept. of Agriculture, North Carolina Natural Heritage Program, NC Mosquito and Vector Control Association (NCMVCA), FEMA, CDC, and US Fish and Wildlife Service.



NC DEPARTMENT OF
HEALTH AND
HUMAN SERVICES



North Carolina
Mosquito & Vector Control
Association



FEMA



Mosquito Management Task Force (MMTF)

HISTORY

- Formed originally in 2019 to address organizational gaps found between state and county governments, specifically during Hurricane Florence in 2018
- Re-organized in 2022 after 2 year pause during COVID response

PURPOSE

- To coordinate state-wide mosquito suppression efforts amongst multiple counties during disease events (e.g., multi-county eastern equine encephalitis virus outbreak) or public health events (e.g., multi-county hurricane damage)

MEETING SCHEDULE

- Monthly to prepare initial response protocols; Daily in weeks following an outbreak or storm; Semi-annually between large response events

ADDITIONAL RESOURCES

NCDPS Mosquito Abatement Webpage: www.ncdps.gov/mosquito-abatement-contract

For questions or comments about mosquito control or other information, please email abatement@ncdps.gov.

NCEM Point of Contact:

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