

**Clarke Environmental Mosquito Management, Inc.,
Professional Services Outline for 2022-2023
Village of Lombard
Environmental Mosquito Management (EMM) Program**

Part I. General Service

- A. Aerial Survey and Geographic Information System (GIS) Mapping
- B. Computer System and Record Keeping Database
- C. Public Relations and Educational Brochures
- D. Mosquito Hotline Citizen Response – (800) 942-2555
- E. Comprehensive Insurance Coverage naming the Village of Lombard additionally insured
- F. Program Consulting and Quality Control Staff
- G. Monthly Operational Reports, Periodic Advisories, and Annual Report
- H. Regulatory compliance on local, state, and federal levels

Part II. Surveillance and Monitoring

- A. Floodwater Mosquito Migration Model:
The use of weather data and computer model to predict the arrival of *Aedes vexans* brood (hatch) and peak annoyance periods.
- B. Arbovirus Surveillance:
 - 1. Clarke New Jersey Light Trap Network to monitor and evaluate adult mosquito activity.
- C. Weather Monitoring – Operational Forecasts

Part III. Larval Control

- A. Targeted Mosquito Management System (TMMS™) computer database and site management.
- B. Larval Site Monitoring: 12 inspections
 - 1. Three (3) complete inspections of up to 192 sites as outlined by most recent Clarke GIS Survey.
 - 2. Five (5) targeted inspections of up to 74 breeding areas as determined by the computerized Clarke Targeted Mosquito Management System™.
 - 3. Three (3) targeted inspections of up to 63 known *Culex spp.* breeding areas as determined by the computerized Clarke Targeted Mosquito Management System™.
 - 4. Inspections of sites called in by residents on the Mosquito Hotline.
- C. Prescription Larval Control will be performed with Natular® mosquito larvicide as described in the following sections.
 - 1. Larval Control: The program provides for treatment as needed of single brood or 30 day residual product with backpack or hand equipment.
 - 2. Helicopter Prehatch: Three (3) treatments using Natular™ of up to 60 acres for floodwater mosquito control.
 - 3. Catch Basins: One (1) treatment of up to 4,320 street side catch basins, inlets and manholes using a Natular™XRT for control of up to 180 days. The primary method of treatment delivery will be by bicycle.

Part IV. Adult Control

- A. Adulthooding in Residential Areas:
 - 1. As authorized by the Village of Lombard, community-wide truck ULV treatments of up to 154 miles of streets using Merus™ a botanical insecticide (pyrethrin). Treatments may be on a section or city basis at a cost of \$80.00 per mile (minimum of 10 miles).
- B. Adulthooding Operational Procedures
 - 1. Notification of community contact.
 - 2. Weather limit monitoring and compliance.
 - 3. Notification of residents on Clarke Call Notification List.
 - 4. ULV particle size evaluation.
 - 5. Insecticide dosage and quality control analysis.

2022-2023 EarthRight™ Payment Total Price for Parts I, II, III, IV \$68,280.00**

****NPDES Permit:** A National Pollutant Discharge Elimination System (NPDES) permit is necessary for the execution of the work for mosquito control effective October 31, 2011. Any additional costs associated with activities and/or services that may be required by Clarke in order to comply with an NPDES permit are not included in this proposal.

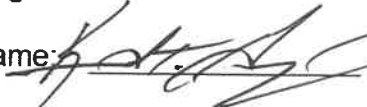
**Clarke Environmental Mosquito Management, Inc.,
Client Agreement Authorization for 2022-2023
Village of Lombard
EarthRight™ Program**

- I. **Program Payment Plan:** For Parts I, II, III, and IV as specified in the 2022-2023 Professional Services Price Outline, the total for the 2022-2023 program is \$68,280.00 per year. The payments will be due according to the payment schedule below. Any additional treatments beyond the core program will be invoiced when the treatment is completed. Village of Lombard has the option to extend this program for 2024 at 2022-2023 rates.
- II.

PROGRAM PAYMENT PLAN

Month	2022	2023
June 1	\$17,070.00	\$17,070.00
July 1	\$17,070.00	\$17,070.00
August 1	\$17,070.00	\$17,070.00
September 1	\$17,070.00	\$17,070.00
TOTAL	\$68,280.00	\$68,280.00

For Village of Lombard:

Sign Name:  Title: Village President Date: January 6, 2022

For Clarke Environmental Mosquito Management, Inc.:

Name:  Title: Key Accounts Manager Date: 11/2/2021
Emily Gasberg

**Clarke Environmental Mosquito Management, Inc.,
Client Authorization for 2022-2023
Village of Lombard
EarthRight™ Program**

Administrative Information:

Invoices should be sent to:

Name: _____
Address: _____
City: _____ State: _____ Zip _____
Office Phone: _____ Fax: _____ P.O. # _____
E-mail: _____ County: _____

****In an effort to be more sustainable, we ask that you provide us with an
Email address that the invoices should be sent to.****

Treatment Address (if different from above):

County: _____

Address: _____
City: _____ State: _____ Zip _____

Contact Person for Village of Lombard:

Name: _____ Title: _____
Office Phone: _____ Fax: _____ E-Mail: _____
Home Phone: _____ Cell: _____ Pager: _____

Alternate Contact Person for Village of Lombard:

Name: _____ Title: _____
Office Phone: _____ Fax: _____ E-Mail: _____
Home Phone: _____ Cell: _____ Pager: _____

Please sign and return a copy of the complete contract for our files to:

Clarke Environmental Mosquito Management, Inc., Attn: Emily Glasberg
675 Sidwell Court, St Charles, IL 60174 or email _____