

R E S O L U T I O N
R 13-20

**A RESOLUTION AUTHORIZING SIGNATURE OF
PRESIDENT AND CLERK ON AN AGREEMENT**

WHEREAS, the Corporate Authorities of the Village of Lombard have received a proposed Agreement between the Village of Lombard and Clarke Environmental Mosquito Management, Inc. regarding mosquito management for 2020, as attached hereto; and

WHEREAS, the Agreement would execute the optional contract extension as provided in the prior Agreement for 2018-2019 services; and

WHEREAS, the Corporate Authorities deem it to be in the best interest of the Village of Lombard to approve the Agreement for 2020.

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LOMBARD, DU PAGE COUNTY, ILLINOIS as follows:

SECTION 1: That the Village President be and hereby is authorized to sign on behalf of the Village of Lombard said Agreement, as attached hereto.

SECTION 2: That the Village Clerk be and hereby is authorized to attest said Agreement, as attached hereto.

Adopted this 19th day of March, 2020.

Ayes: Trustee Whittington, Puccio, Foltyniewicz, Honig, Militello and Ware


Nays: None

Absent: None

Approved this 19th day of March, 2020.


Keith Giagnorio
Village President

ATTEST:


Sharon Kuderna
Village Clerk



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**Clarke Environmental Mosquito Management, Inc.,
Professional Services Outline for 2020
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. Six (6) 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: Four (4) treatments of up to 4,320 street side catch basins, inlets and manholes using a Natular™T30 for control of up to 30 days. The primary method of treatment delivery will be by bicycle.
 - 4. Catch Basins: Back Yard Catch Basins: One (1) treatment of up to 350 backyard catch basins using an extended residual slow release insecticide (Natular™XRT) for control of up to 180 days.



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Part IV. Adult Control

- A. Adulticiding in mosquito harborage areas:
 - 1. Four (4) scheduled truck Ultra Low Volume (ULV) treatments using Merus™ a botanical insecticide (pyrethrin) for any community special events.
- B. Adulticiding 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).
- C. Adulticiding 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.

2020 EarthRight™ Payment Total Price for Parts I, II, III, IV**

\$88,710.00

****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.



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**Clarke Environmental Mosquito Management, Inc.,
Client Agreement Authorization for 2020
Village of Lombard
EarthRight™ Program**

- I. Program Payment Plan:** For Parts I, II, III, and IV as specified in the 2020 Professional Services Price Outline, the total for the 2020 program is \$88,710.00. 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.

PROGRAM PAYMENT PLAN

| Month | 2020 |
|--------------|--------------------|
| June 1 | \$22,177.50 |
| July 1 | \$22,177.50 |
| August 1 | \$22,177.50 |
| September 1 | \$22,177.50 |
| TOTAL | \$88,710.00 |

For Village of Lombard:

Sign Name: [Signature] Title: Village President Date: 3-19-20

For Clarke Environmental Mosquito Management, Inc.:

Name: [Signature] Title: Key Accounts Manager Date: 3/6/2020
Emily Glasberg