Ohio EPA
2018 Mosquito Control Grant
Program Informational Meeting

Ohio Department of Transportation
January 10, 2018

Adam Cummins, Planner
Division of Materials and Waste Management
AGENDA

1) Introduction to MCG Program
2) Changes to MCG Program
3) Draft 2018 MCG Application Instructions Manual
4) 2018 MCG Application
5) Questions & Comments
6) Adjourn
Introduction to MCG Program
2016 & 2017 Awardees

Grants Received
- Green: 1 Year
- Orange: 2 Years

Ohio Environmental Protection Agency
Statewide Surveillance Participation

ODH Statewide Surveillance Program

<table>
<thead>
<tr>
<th>Year</th>
<th>ODH</th>
<th>Local</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>9</td>
<td>24</td>
</tr>
<tr>
<td>2016</td>
<td>23</td>
<td>52</td>
</tr>
<tr>
<td>2017</td>
<td>16</td>
<td>70</td>
</tr>
</tbody>
</table>
ODH Distribution Maps

2017 West Nile Virus / Culex spp.

- No mosquito surveillance
- Surveillance conducted
  70 / 88 counties = 80%
- Culex spp. positive for West Nile Virus
  42 / 70 counties = 60%
- Human cases of West Nile Virus
  34 cases in 23 counties

*As of 12/4/17
Ohio Department of Health
Zoonotic Disease Program
2017 La Crosse / Aedes triseriatus

- No mosquito surveillance
- Surveillance conducted: 70 / 88 counties = 80%
- Aedes triseriatus collected: 57 / 70 counties = 81%
- Human cases of La Crosse Encephalitis: 16 cases in 13 counties*

*As of 12/4/17
Ohio Department of Health
Zoonotic Disease Program
ODH Distribution Maps

2017 Zika Virus / Aedes albopictus

- No mosquito surveillance
- Surveillance conducted
  - 70 / 88 counties = 80%
- Aedes albopictus collected
  - 33 / 70 counties = 47%
- Aedes albopictus collected in 2016 (but not in 2017)

Ohio Department of Health
Zoonotic Disease Program

Ohio Environmental Protection Agency
Changes to 2018 MCG Program

Goal

Include strategic planning concepts in program requirements to optimize the use of resources, encourage data-based decision making, and provide clear standards for preparing proposals.
Changes to 2018 MCG Program

Objectives

1. Project category eligibility
2. Project category and grant application maximums
3. Allowable activities and purchases
4. Key dates
5. Proposal preparation
6. Project budget
7. Attachments
8. 2018 MCG Application
## Project Category Eligibility

### Project Category

<table>
<thead>
<tr>
<th>Category</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Mosquito surveillance</td>
<td>requirements: 1, 2</td>
</tr>
<tr>
<td>2. Larval control</td>
<td>requirements: 1, 2</td>
</tr>
<tr>
<td>3. Adult control</td>
<td>requirements: 1, 2, 3</td>
</tr>
<tr>
<td>4. Community education</td>
<td></td>
</tr>
<tr>
<td>5. Breeding source reduction</td>
<td>req. 4</td>
</tr>
<tr>
<td>6. Seasonal staff</td>
<td></td>
</tr>
<tr>
<td>7. Contracted services</td>
<td></td>
</tr>
</tbody>
</table>

### Requirements

1. Mosquito surveillance plan
2. Participation in ODH statewide surveillance
3. Participation in Integrated Vector Management
4. Cannot qualify for LMG or No-Fault *(slide 18)*
Project Category Eligibility

Benefits of Surveillance Plan

• Species distribution and abundance
• Presence or absence of disease
• Identify breeding grounds
• Evaluate risk to public health
• Decision making for interventions
• Optimize resources through decision making
• Measure success of interventions
• Distribution maps
Project Category Eligibility

Benefits of ODH Statewide Surveillance

- Systematic
- Consistency
- Centralization
- Baseline data
- No cost to participants
- Distribution of data to locals
Project Category Eligibility

Benefits of Integrated Vector Management

• Data-based, decision-making approach to concentrate the allocation of resources and target appropriate interventions
• Emphasis on stakeholder involvement
• Focused on making interventions more:
  • Evidence-based
  • Efficient
  • Cost effective
  • Environmentally protective
  • Sustainable
  • Collaborative

(Sources: WHO, 2012; CDC)
## Project Category and Grant Application Maximums

<table>
<thead>
<tr>
<th>Project Category</th>
<th>Maximum per Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Mosquito surveillance</td>
<td>$5,000</td>
</tr>
<tr>
<td>2. Larval control</td>
<td>$3,000</td>
</tr>
<tr>
<td>3. Adult mosquito control</td>
<td>$10,000</td>
</tr>
<tr>
<td>4. Community outreach/education</td>
<td>$7,500</td>
</tr>
<tr>
<td>5. Breeding source reduction</td>
<td>$10,000</td>
</tr>
<tr>
<td>6. Seasonal employees</td>
<td>$10,000</td>
</tr>
<tr>
<td>7. Contracted services</td>
<td>$10,000</td>
</tr>
<tr>
<td><strong>Maximum Request per Grant Application</strong></td>
<td><strong>$30,000</strong></td>
</tr>
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</table>
Allowable Activities and Purchases

• No funding of vehicles
• No funding of FT/PT permanent staff salary or benefits
• No longer funding traps/dippers
  • ODH will provide traps free of charge upon request (slide 17)
• Breeding source reduction project eligibility requirements
  • Cannot qualify for other Ohio EPA scrap tire/solid waste grants (slides 18, 19 and 20)
Allowable Activities and Purchases

- ODH Surveillance Equipment Request form
- ODH Educational Materials Request form
Allowable Activities and Purchases

Qualifiers for Scrap Tire No-Fault Grant

1. Tires placed after owner acquired title, **OR** tires placed before acquired title by bequest or devise
2. Property owner did not have knowledge of or took actions to prevent tires from being placed on property
3. Property owner did not participate in or consent to placing the tires on the property
4. Property owner received no financial benefit
5. Property title was not transferred to evade liability
6. Responsible party who placed tires on the property was not acting as an agent for the property owner

http://www.epa.ohio.gov/dmwm/Home/ScrapTires.aspx
Allowable Activities and Purchases

Qualifiers for Litter Management Grant

- **Eligibility**: a government agency, including Keep America Beautiful (KAB) affiliate, board of education, and non-profit organization
- Ten percent (10%) **cash match**
- Maximum grant period of **12 months**
- Activity must occur on **public property**

http://www.epa.ohio.gov/ocapp/Grants.aspx#159584672-litter-management-grant
Allowable Activities and Purchases

Qualifiers for Litter Management Grant

- KAB Annual Renewal: $550
- KAB Certification Fee: $4,000
- Illegal Dumpsite Clean-up (public property): $10,000
- Litter Collection Events (public property): $10,000
- Tire Amnesty Collection (public property): $40,000

http://www.epa.ohio.gov/ocapp/Grants.aspx#159584672-litter-management-grant
Scrap Tire No-Fault and Litter Management Grant Contacts

Scrap Tire No-Fault Grant
Kelly Jeter, Environmental Supervisor
kelly.jeter@epa.ohio.gov
(614) 728-5337

Litter Management Grant
Chet Chaney, Environmental Supervisor
chet.chaney@epa.ohio.gov
(614) 230-5330
## Key Dates

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application open</td>
<td>February 12, 2018</td>
</tr>
<tr>
<td>Application deadline</td>
<td>April 13, 2018 by 5:00 PM</td>
</tr>
<tr>
<td>Award announcements</td>
<td>May 2018</td>
</tr>
<tr>
<td>Mandatory kickoff meeting</td>
<td>June 15, 2018 <em>subject to change</em></td>
</tr>
<tr>
<td>Signed grant agreement</td>
<td>June 15, 2018</td>
</tr>
<tr>
<td>Payment schedule</td>
<td>August 2018</td>
</tr>
<tr>
<td>Final report</td>
<td>December 31, 2019</td>
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</table>
Proposal Preparation

Section I: Applicant Information

A. Applicant
B. Grant Application Contact Person
C. Authorized Official
D. Fiscal Officer
E. Health District Sponsor
Proposal Preparation

Section I: Applicant Information
F. Existing Mosquito Surveillance and Control Capacity
G. Additional Questions
H. Fundable Project Categories
I. Authorized Official Signature
Proposal Preparation

Section II.1: Executive Summary

A. Summary of organization
B. Population
C. Assessment of current surveillance and control program capacity
   • Strengths and weaknesses
D. Collaborative partners and/or key stakeholders
   A. Who, what, where and why
   B. Partners assisting with implementing grant proposal projects
Proposal Preparation

Section II.2: Financial Need

A. 2018 mosquito surveillance and control budget
B. Other financial information
   • Program funding source
   • Long-term sustainability of proposed projects
Proposal Preparation

Section II.3: Proposed Activities and Purchases
(ex. Mosquito Surveillance)

A. Problem statement
B. Goal(s)
C. Description of proposed activities/purchases to help obtain goal(s)
D. Alignment with mosquito surveillance plan
E. Timeline for implementation
F. Methods for tracking activities and purchases
G. Methods for measuring and evaluating success


## Project Budget

### Section II.4: Project Budget

1. **Mosquito Surveillance**

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost/Item</th>
<th>Quantity</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIS annual license renewal</td>
<td>$2,500</td>
<td>1</td>
<td>$2,500.00</td>
</tr>
<tr>
<td>Seasonal staff mileage <em>(cost per mile)</em></td>
<td>$.52</td>
<td>321</td>
<td>$166.92</td>
</tr>
<tr>
<td>Sum of All Shipping and Handling</td>
<td></td>
<td></td>
<td>$47.12</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td><strong>$2,714.04</strong></td>
</tr>
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</table>
Attachments

Section III.A: Mosquito Surveillance Plan

1. Targeted mosquito species and disease
2. Number and type of traps
3. Trap locations and sampling frequency
4. Larval and pupal surveillance
5. Adult surveillance
6. Human surveillance (communication strategy for human cases)
7. Citizen complaints
8. Submitting samples to ODH
9. Tracking, analyzing and sharing surveillance data
10. Action thresholds
Attachments

Section III.B: Quotes and Cost Estimates

1. Obtained from vendors, suppliers, contractors, etc.
2. Seasonal employees and mileage
   • Calculated and demonstrated in project budget
Section III.C: Letter of Support

1. Acknowledgement and support of applicant’s proposed activities
   - How proposal aligns with sponsor’s program goals and objectives

2. Description and commitment of any services being provided, including:
   - Mosquito surveillance in jurisdiction
   - Use of sponsor’s surveillance plan in jurisdiction
   - Participation in ODH surveillance on behalf of jurisdiction
   - Mosquito control in jurisdiction
   - Acknowledgement of jurisdiction’s participation in sponsor’s integrated vector management plan
2018 MCG Application

• Online application (strongly encouraged)
• Option to submit paper copy electronically
2018 MCG Application

Electronic Submission Procedures

- **Application**: Word document; *Applicant Name* 2018 MCG Application
- **Attachments**: pdf document; *Applicant Name* 2018 Attachments
- **Email**: mosquito.grant@epa.ohio.gov
- **Subject line**: *Applicant Name* 2018 MCG Application
Summary of Changes

1. Project category eligibility conditions
2. Project category and grant application maximums
3. Allowable purchases and activities
4. Key dates requirements
5. Proposal preparation
6. Project budget
7. Attachments
8. 2018 MCG Application
MCG Program Resources

- MCG Program webpage
  http://epa.ohio.gov/dmwm/Home/MosquitoControlGrant.aspx

- ODH Mosquito webpage
  http://www.odh.ohio.gov/mosquitoes
Contacts

Ohio EPA Mosquito Control Grant Program
• Adam Cummins: (614) 728-5328
• Leanne Greenlee: (614) 705-1012
• Email: mosquito.grant@epa.ohio.gov

Ohio Department of Health
• Leeanne Garrett
• Phone: (614) 466-7215
• Email: Leeanne.Garrett@odh.ohio.gov