



MEMORANDUM

TO: Mayor Laurel Lunt Prussing and Members of the Urbana City Council
FROM: William R. Gray, Public Works Director
Jason Arrasmith, Environmental Compliance Officer
DATE: May 6, 2010
RE: Encephalitis Agreement Update

Introduction

Since the decision in March of this year by the University of Illinois to discontinue mosquito abatement and treatment services through the Natural History Survey, the City of Urbana, City of Champaign and Village of Savoy have been seeking an entity which could provide the services.

Background

Since the 1970's, the City of Urbana has participated in an encephalitis program. Originally, this was in response to the outbreak of the St.Louis encephalitis. In FY92/93, the City of Urbana joined with the City of Champaign, and the University of Illinois to pay the Natural History Survey for mosquito abatement and control. In March 2010, the University of Illinois informed the other partners, which now includes the Village of Savoy, that the University would no longer provide mosquito abatement and control services through the Natural History Survey.

The Cities of Urbana and Champaign and the Village of Savoy have begun discussions with the Champaign-Urbana Public Health District (C-UPHD) to reach an agreement for an abatement and treatment program through C-UPHD. At present, a draft agreement is being presented to the C-UPHD Board of Directors. If approved, the City of Urbana will be asked to enter into an intergovernmental agreement. The cost for the program will be approximately the same amount for the City of Urbana as it contributed under the agreement with the University of Illinois (\$22,500). Without the participation of the University of Illinois, the overall costs of the program will be reduced and the City of Urbana should see no increase in costs.

Attached are a draft proposal and program budget.

Recommendation

There is no recommended action at this time.

Attachment

Culex Mosquito Prevention Program for Champaign, Urbana, and Savoy

Proposal for services regarding the Champaign-Urbana Public Health District (CUPHD) to replace the program discontinued by the Illinois Natural History Survey.

CUPHD proposes to:

1. Provide surveillance for West Nile virus (WNV) and Saint Louis encephalitis (SLE) by a) testing *Culex* mosquitoes, b) testing up to five (5) dead crows, blue jays and other birds for WNV, and c) performing epidemiological investigations of any human cases.
2. Provide a *Culex* mosquito vector prevention program to include a) treating catch basins on city property (up to 2x per season), b) conducting surveys to locate mosquito breeding sites, and c) applying mosquito larvicide, as needed, to abate mosquito breeding sites.
3. Investigate citizens' complaints regarding mosquitoes. If no voluntary compliance, then refer complaint abatement or enforcement to the proper authority with jurisdiction.
4. Provide public information and education activities, including press releases, about our program and any positive tests.
5. Answer any citizen's inquiries about our program and what they can do about mosquito management on their property.
6. Purchase equipment and supplies for all aspects of the program, including mosquito traps, larvicides, application equipment, and WNV/ SLE test kits.
7. Train and supervise personnel hired for this program including any training or licenses required to apply mosquito larvicides. Provide support and administrative services including an Illinois Department of Agriculture licensed Mosquito Applicator.
8. Provide program transportation needs.
9. Provide a monthly activity report.
10. Operate from May through October 2010; operate with an "Agreement" between the government agencies.

Budget:

1. Personnel services:	\$ 57,000
2. Operating chemicals	\$ 5,000
3. Transportation	\$ 5,000
4. Equipment	\$ 1,400
5. Training	\$ 600
6. Education materials	\$ 500
7. Job announcement	\$ 300
8. Office supplies	\$ 100
9. Other	\$ 100
<u>Total</u>	<u>\$ 70,000</u>

CUPHD in-kind contribution:

1. RAMP reader and test kits \$6800
2. Some surveillance traps \$1000
3. Office space, IT support, and communication (radios)

May 3, 2010