



**DEPARTMENT OF PUBLIC WORKS**

*Environmental Sustainability Division*

**m e m o r a n d u m**

**TO:** Mayor Laurel Lunt Prussing and Members of the City Council  
**FROM:** Scott R. Tess, Environmental Sustainability Manager  
**DATE:** November 28, 2012  
**SUBJECT:** Final Mosquito Surveillance and Control Program Report CUPHD

**Final Mosquito Surveillance and Control Program Report from Champaign-Urbana Public Health District**

This is the final 2012 report for the program that monitors mosquitos and West Nile Virus. The Champaign-Urbana Public Health District (C-UPHD) and the Champaign County Public Health Department (CCPHD) survey mosquito pools and dead birds to detect and monitor the presence of WNV in Champaign County. During the months of May through October, mosquitoes are trapped at various sites and are tested to determine if WNV is present and to what extent. Surveillance also includes collecting and submitting dead birds for testing. If WNV is detected in mosquito or bird populations, the C-UPHD and the CCPHD work with local units of government and the media to inform and educate the public.

The Champaign-Urbana Public Health District (C-UPHD) contracts with the City of Champaign, the City of Urbana, and the Village of Savoy to provide a mosquito abatement program. Larvicides, which disrupt the life cycle of mosquitoes, are applied to all municipal catch basins that hold standing water. These products are not harmful to aquatic life, fish or plants when used at the proper concentrations.

<b>Culex Program 2012 C-U, Savoy</b>	April	May	June	July	August	Sept.	Oct.
Culex Mosquito Samples	0	30	21	59	50	31	9
Positive Culex Mosquito Samples	0	0	1	14	20	4	0
Dead Birds Submitted for Testing	1	2	2	0	0	0	0
Positive Dead Birds	0	0	1	0	0	0	0
Complaints	0	1	2	2	1	0	0
Total Complaint Visits	0	1	2	3	3	2	0
Presentations	0	0	0	0	1	0	0
Consultations/counseling	5	17	18	25	25	20	5
Other Public Information Activity	*	0	**	***	****	0	0
Media Contacts	2	0	4	7	2	4	0
Mosquito Breeding Site Inspections	0	2	0	19+	5++	0	0

\*A newsletter was sent out with WNV information to 2525 residents and 175 individuals in service agencies and city departments.

\*\*Positive bird and mosquito press release was sent to the media.

\*\*\*Increased WNV activity press release was sent to the media. WNV activity signs were distributed to the Champaign Park District, the Urbana Park District and the Village of Savoy to be displayed in the parks. WNV door hangers were distributed to 175 residences in central Urbana based on a large increase of Culex mosquitoes at a trap site.

+19 tire businesses in Champaign and Urbana were evaluated for standing water in their tires.

Non-compliance resulted in the matter being turned over to the IEPA.

++Re-visited 5 tire businesses.

\*\*\*\*7 billboards with WNV information went up around C-U and Savoy. WNV notifications were distributed to schools, villages, hospitals, nursing homes in C-U and Savoy.

Program budget for 2013 will be identical to 2012.

Attachments: 2013 Mosquito Surveillance and Abatement Budget

cc:

2013                      Exhibit 1  
**Champaign-Urbana Public Health District**  
**Mosquito Surveillance & Abatement**  
**Budget**

Project Amount \$70,000

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Line Item	Line Amount
Personal Services (Salary & Wages)	\$40,644
Fringe Benefits	\$7,465
Contractual Services	\$2,298
Travel	\$1,000
Commodities	\$10,864
Printing	\$20
Equipment	\$270
Telecommunications	\$333
Supplies	\$64
CUPHD Administrative Costs	\$7,042
<b>Project Total</b>	<b>\$70,000</b>

	Population Numbers (2010 census)	Population Percentage	Expense Amount
Champaign	81055	62.55 %	\$ 43785
Urbana	41250	31.83 %	\$ 22281
Savoy	7280	5.62 %	\$ 3934
Total	129585	100.00 %	\$ 70000