



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 4, 2013
SUBJECT: Final Mosquito Surveillance and Abatement Program Report CUPHD

This is the final 2013 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. April 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.

Culex Program 2013 C-U, Savoy	April	May	June	July	August	Sept.	Oct.
Culex Mosquito Samples	0	40	21	36	63	53	15
Positive Culex Mosquito Samples	0	0	0	2	19	22	2
Dead Birds Submitted for Testing	0	0	2	2	0	0	0
Positive Dead Birds	0	0	0	1	0	0	0
Complaints	2	0	5	3	2	0	0
Total Complaint Visits	0	2	8	6	6	1	0
Presentations	0	1	0	0	0	0	0
Consultations/counseling	23	16	16	20	16	15	5
Other Public Information Activity	0	*	**	***	****	+	0
Media Contacts	0	0	3	3	6	0	0
Mosquito Breeding Site Inspections	0	0	0	0	17	1	0

*Advertisement in the News-Gazette summer fun program

**Mosquito Abatement Biker press release.

*** 70 WNV signs were distributed to parks in Champaign, Urbana and Savoy. A positive bird press release was sent to the media. Links and signs were to Champaign, Urbana and Savoy. An insect repellent distribution event was held in Urbana.

****Our WNV public service announcement began airing on Comcast. Two insect repellent distribution events were held. An ad was placed in the Unity in Action newsletter. An increased WNV positive pools press release was distributed to the press.
+Continued with WNV educational campaign

The program budget for 2014 is attached. The total budget as well as Urbana's share is unchanged in the last four years.

Attachments: 2014 Mosquito Surveillance and Abatement Budget

cc:

2014 Exhibit 1
 Champaign-Urbana Public Health District
 Mosquito Surveillance & Abatement
 Budget

Project Amount \$70,000

Preparer Jim Roberts

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Preparer's Phone 217-531-2909

Line Item	Line Amount
Personal Services (Salary & Wages)	\$26,884
Fringe Benefits	\$10,891
Contractual Services	\$2,548
Travel	\$1,000
Commodities	\$19,366
Printing	\$20
Equipment	\$270
Telecommunications	\$333
Supplies	\$64
CUPHD Administrative Costs	\$8,624
Project Total	\$70,000

	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