



MEMORANDUM

TO: ROBERT A. KUNTZ, CITY ADMINISTRATOR

FROM: GARY R. KRAMER, P.E., CITY ENGINEER/DIRECTOR OF PUBLIC WORKS

DATE: JANUARY 8, 2014

SUBJECT: MOSQUITO CONTROL

Since 2010 St. Louis County has been fogging for mosquitoes on Sunday evenings in selected areas. They only fog when their mosquito traps, set in various locations, indicate a presence of the disease carrying bred of mosquitoes. Our press releases and website recommend residents contact St. Louis County directly. Attached is an email dated November 7, 2013 which lists the following:

Requests for fogging
Requests for treatment of standing water
Fogging dates and locations (area maps attached)
Treatment/inspection of standing water
Municipalities receiving fogging services from the County

The contract can be terminated by either party by way of a 30-day written notice. If the contract is terminated and the City resumes city-wide, weekly fogging will require allocating one full-time maintenance worker for six months (May-October). This person holds a state public pest control license.

The annual costs are shown in the following table. For city-wide, weekly fogging, the 2014 budget includes \$7,000 for fogging chemicals, \$26,400 for personnel costs (no new hire), and \$10,400 for motor fuel costs.

	2013	2012	2011	2010
Fogging	\$1,620.00	\$2,160.00	\$1,440.00	\$2,268.00
Larvaciding	\$2,493.00	\$1,372.50	\$1,597.50	\$1,530.00

If the Board of Aldermen decides to discontinue using the County to fog, I recommend that we continue utilizing the County for larvaciding services.

From: Hane, Drew [REDACTED]
Sent: Thursday, November 07, 2013 5:02 PM
To: Kramer, Gary
Subject: RE: Mosquito complaints

Gary,

Here is the information that you requested. I am working with our fiscal department to submit the billable hours, so they can be sent out early next week. Thank you for your patience. Please let me know if you have any further questions.

Requests for Fogging Received in Ballwin:

7/8/2013 Vernal Hill Court	8/1/2013 Solon
7/9/2013 Oak Pass Court	8/11/2013 Brooktree Drive
7/10/2013 Solon	8/19/2013 Ruthwood
7/16/2013 Lering Court	8/21/2013 Kenilworth Lane
7/17/2013 Country Creek Court	8/26/2013 Cedar Trail Drive
7/18/2013 Country Creek Court	8/27/2013 Little Hill
7/29/2013 Amber Jack Drive	8/28/2013 Oakmont Circle
7/30/2013 Village Creek Drive	9/3/2013 Strieff
7/31/2013 Wildbrier Drive	9/4/2013 Alverston Court

Request for Treatment of Standing Water Received in Ballwin:

Del Ebro
Country Creek Court
Amber Jack Drive

Fogging Hours Provided in Ballwin (22.5 hrs. total) (Area Maps attached):

6/9/2013, 1.5 hrs, Area 2
6/30/2013, 5 hrs, Area 1 & 4
7/7/2013, 2.5 hrs, Area 3
7/14/2013, 2.5 hrs, Area 4
7/28/2013, 2.5 hrs, Area 1
8/11/2013, 2.5 hrs, Area 2
8/18/2013, 2.5 hrs, Areas 3 & 4
8/25/2013, 0.5 hrs, Area 1
9/8/2013, 3 hrs, Areas 1, 2, & 3

Treatment/Inspection of Standing Water Provided in Ballwin (55.4 hours; 1,179 sites checked/treated total):

5/29/2013, 4.4 hrs, 76 sites	9/09/2013, 4.5 hrs, 144 sites
5/30/2013, 5.5 hrs, 74 sites	9/10/2013, 3.7 hrs, 46 sites
6/03/2013, 4.8 hrs, 246 sites	9/11/2013, 7.4 hrs, 217 sites
6/04/2013, 1.5 hrs, 53 sites	10/09/2013, 1.5 hrs, 17 sites
7/12/2013, 2.0 hrs, 36 sites	10/10/2013, 4.5 hrs, 51 sites
7/16/2013, 5.8 hrs, 70 sites	10/11/2013, 2.5 hrs, 32 sites
7/17/2013, 4.5 hrs, 75 sites	10/14/2013, 2.0 hrs, 20 sites
8/30/2013, 0.8 hrs, 22 sites	

The number of sites will vary with visits based upon the amount of water in each of the systems we check. If a creek is dry, we will not be checking/treating as many sites that day, compared to when it is wet. Larvaciding routes for Ballwin are on area encompassing the entire municipality. It usually takes 2 trips for our experienced employees to check/treat the entire area, 3-4 trips for our other employees to thoroughly check the entire municipality.

List of Municipalities who received Mosquito Fogging Services this year from Saint Louis County (65 total Municipalities):

Ballwin	Country Life	Hillsdale	Olivette	Uplands Park
Bel Nor	Acras	Huntleigh	Pagedale	Velda City
Bel Ridge	Crestwood	Jennings	Pasadena Hills	Velda Village
Bella Villa	Creve Coeur	Kirkwood	Pasadena	Hills
Bellefontaine	Crystal Lake	Ladue	Park	Vinita Terrace
Neighbors	Park	Lakeshire	Pine Lawn	Warson
Beverly Hills	Dellwood	Mackenzie	Richmond	Woods
Calverton	Des Peres	Village	Heights	Webster
Park	Ellisville	Manchester	Rock Hill	Groves
Charlack	Eureka	Maplewood	Saint John	Westwood
Chesterfield	Flordell Hills	Marlborough	Sunset Hills	Wilbur Park
Clarkson	Frontenac	Moline Acres	Sycamore	Wildwood
Valley	Grantwood	Normandy	Hills	Winchester
Clayton	Village	Northwoods	Town &	
Cool Valley	Green Park	Norwood	Country	
Country Club	Greendale	Court	Twin Oaks	
Hills	Hanley Hills	Oakland	University City	

Again, let me know if you have any questions.

Thank you,

Drew

Drew Hane,
Operations Manager

Saint Louis County Department of Health
Vector Control & Veterinary Services
10521 Baur Boulevard
Olivette, MO 63132





