Item #9:
Village Trustee Barry
Mosquito Abatement Program/West Nile Virus Update

Village of Long Grove
June 2010 Status Report

Surveillance & Weather:

The rainfall total for the month of June (6.17 inches at ORD) is 2.54 inches above the average for June (3.63in.). Temperature predictions for the beginning of July are in the in the upper 80s with a chance of rain. With the expected increase in temperatures, we may see an increase in nuisance mosquito activity early and Culex populations as the month progresses.

2010 West Nile Cases:

County	American Crow	Blue Jay	Other Birds	Mosquito Batches	Horse	Other Mammals
Carroll	0	0	2	0	0	0
Cook	0	0	0	1	0	0
Gallatin	0	0	0	1	0	0
Greene	0	0	1	0	0	0
Jo Daviess	0	0	1	0	0	0
McLean	0	0	1	0	0	0
Mercer	0	0	1	0	0	0
Rock Island	0	0	1	1	0	0
St. Clair	0	0	1	1	0	0
Stephenson	0	0	1	0	0	0
Tazewell	0	0	1	2	0	0
TOTAL	**0**	**0**	**10**	**6**	**0**	**0**

Last updated June 30, 2010

To date in 2010, there have been 3 human West Nile virus cases reported to the CDC in Mississippi, Georgia, and Texas. The state of Illinois has reported 10 dead birds and 6 mosquito batches positive for West Nile virus

Brood Prediction

The floodwater mosquito (*Aedes vexans*) is the key nuisance species in the Chicagoland area. Distinct hatches of floodwater mosquito populations, or broods, are triggered by significant rainfall events. The Clarke Brood Prediction Model calculates peak annoyance periods based on rainfall and temperature data collected from weather stations in your area.

Weather Station Name	Inch Date	Rain Amount	Brood Prediction Date
South Lake Co.	06/01/2010	0.67	06/21/2010
South Lake Co.	06/18/2010	0.70	07/07/2010

Upcoming July Operations:

2 Complete Inspections
1 Back Pack Treatment

Recommendations:

The CDC currently shows a risk category 1. Conduct entomological survey (inspections) and surveillance to monitor larval and adult mosquito density; Maintain vector and virus surveillance; Expand community outreach and public education programs focused on risk potential and personal protection emphasizing residential source reduction.

Operation and Surveillance Reports:

Below is a report outlining all services performed in the month of June. These services could include the following:

- **1252 Complete Site Larval Inspection Service:** *Inspection service of all potential mosquito larvae development sites.*
- **1302 Targeted Site Larval Inspection:** *Inspection of all targeted larval development sites.*
- **1352 Larval Site Service Call:** *Special inspection of standing water for mosquito breeding per hot line request.*
- **1502 Ground Prehatch:** *Ground prehatch for control of mosquito larvae.*
- **1752 Backpack Larviciding:** *Backpack larviciding for biological control of mosquito larvae sites.*
- **1754 Hand Larviciding:** *Hand equipment larviciding for biological control of mosquito larvae.*

Services Performed June 2010:

Service Item	Start Date
ROS1252 - Complete Site Larval Insp Serv	06/01/2010
ROS1754 - Hand Larviciding	06/01/2010
ROS1752 - Vectobac (B.T.I.) BP Larv	06/02/2010
ROS1352 - Larval Site Service Call	06/02/2010
ROS1754 - Hand Larviciding	06/02/2010
ROS1252 - Complete Site Larval Insp Serv	06/28/2010
ROS1754 - Hand Larviciding	06/28/2010
ROS1754 - Hand Larviciding	06/29/2010

CourierPostOnline.com
FROM SOUTH JERSEY TO YOU

July 12, 2010

Mosquito spraying in Burlco for West Nile virus

Areas near sewage treatment plants in Moorestown and Maple Shade will be treated for mosquitoes Tuesday night because recent testing of samples revealed a few carrying the West Nile virus, Burlington County officials said.

It will be the second time in two weeks that the same area in West Moorestown will be sprayed. The Moorestown treatmnt plant is on Pine Street. The Maple Shade plant is on Park Avenue.

The Burlington County Mosquito Division will treat neighborhoods within a half-mile to one-mile radius of both plants after 6:30 p.m. using trucks that will spray a pesticide mist. Residents are encouraged to stay indoors during that time.

Rain would delay the treatment will Wednesday.

-- Carol Comegno