MANAGER’S MEMORANDUM/ COUNCIL WORK REQUEST REPORT

Prepared for: Naperville City Council
By: City Manager’s office
6/6/2019

MANAGER’S MEMORANDUM

1. Source: Subject: Action:
   Public Works Mosquito Abatement Program FYI
   Update
CITY OF NAPERVILLE
MEMORANDUM

DATE:       June 6, 2019
TO:         Doug Krieger, City Manager
THROUGH:    Dick Dublinski, Director of Public Works
FROM:       Christine Schwartzhoff, Budget and Administration Manager
SUBJECT:    Mosquito Abatement Program Update

Purpose:
The purpose of this memorandum is to provide information regarding the mosquito abatement program.

Discussion:
The mosquito abatement program began in May. The City of Naperville employs several strategies to control the mosquito population. The four strategies we employ are listed below:

1. Source reduction is the practice of permanently eliminating breeding sites. City crews inspect for and remove standing water where possible.
2. Larviciding targets the mosquito in the larval stage. Chemicals are used to treat ponds and marsh areas, as well as all of the catch basins throughout the city.
3. The mosquito population is monitored on a weekly basis using mosquito traps. The traps are used to monitor the effectiveness of our larval control and to provide an early warning when adult populations are rising. The city tests mosquitoes caught in the traps for the presence of the West Nile Virus. The outcome of the test and the number of mosquitoes caught in the traps indicate when spraying is needed.
4. Spraying is the method most familiar to the public. Controlling the population of adult mosquitoes with chemicals is sometimes necessary. The city uses the safest chemicals available in very low volumes, and sprays only as needed.

DPW staff sets ten gravid traps city wide. Mosquitoes from those traps are tested on a weekly basis for West Nile Virus. Our mosquito technicians also treat breeding sites throughout the city as needed.

Due to the extremely wet spring, the mosquito populations are high at the present time and we anticipate that levels will continue to be high through the month of June. We will be testing traps every Tuesday during the summer months.

Treatment of the 8,000 catch basins throughout the city is underway and will be completed in June. Catch basins are treated once per year with larvicide briquettes, which prevent mosquitoes from developing into biting adults.
The DuPage County Health Department has an extensive mosquito trapping program throughout the county and maintains three gravid traps in Naperville, one of which is in an unincorporated area. DuPage County will notify the city if any of these traps test positive.

A press release will be sent out this week informing residents about our program and encouraging them to take the necessary precautions to avoid mosquito bites and to eliminate potential mosquito breeding areas from around their homes.

Staff will continue to provide updates on the mosquito abatement program throughout the season.

**Recommendation:**
I recommend that this information be shared with the City Council through the Manager's Memorandum.