



Metro Counties Government Center  
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November 3rd, 2022

Spring Lake Park City Administrator  
Daniel Buchholtz  
1301 81st Avenue NE  
Spring Lake Park, MN 55432

Dear Daniel,

Enclosed is a summary of work completed by the Metropolitan Mosquito Control District (MMCD) in the Spring Lake Park area during the 2022 mosquito control season.

For the second year in a row Minnesota received below average precipitation and much of the District was under drought conditions during portions of the summer. Most mosquitoes rely on rain for their life cycle and the lack of precipitation brought mosquito numbers down below the 10-year average for the entire season. In 2022 District Staff inspected over 70,000 breeding sites for mosquito larvae and applied 129,871 acres worth of treatments which is less than the 150,593 in 2021. We also treated 301,022 catch basins in the seven-county metro to control disease mosquitoes, which was more than each of the previous two years.

West Nile virus was active in Minnesota for a second consecutive year. Confirmations of human WNV illnesses typically occur from late summer to the mid-autumn. As of November 2, six WNV illnesses had been confirmed in Minnesota with one of those cases in a resident of the District (Hennepin County). Data collected by MMCD through mosquito surveillance and testing suggests the final case total for 2022 will be higher. In 2022, 42 mosquito samples tested in our lab were positive for WNV and the WNV infection rate in mosquitoes was higher than in 2021 when there were 27 WNV illnesses in District residents. Two other mosquito-borne viruses caused illnesses in Minnesota in 2022. One Jamestown Canyon illness was confirmed in a resident of Ramsey County. One case of La Crosse encephalitis was confirmed in a resident of Olmsted County. For more information about vector-borne disease in 2022 look for the MMCD Technical Advisory Board report coming in the spring of 2023.

MMCD employees controlled immature black flies (biting gnats) in small streams and large rivers throughout the metropolitan area. In 2022, 101 black fly larvicide treatments were made to the rivers and streams in the District. Higher than normal river levels occurred in May and June but did not adversely affect our ability to sample or treat. Adult black flies remained at tolerable levels for most of season with the number of black fly annoyance calls in 2022 (11) much less than in 2021 (151).

With COVID restrictions relaxed, we have been able to be more present in schools and communities this year to offer educational presentations. If you would like MMCD to attend your event, please contact us.

If you have any questions or would like to meet to discuss our agency's activities, please contact me.

Sincerely,

Stephen A. Manweiler, Executive Director  
Phone: (651) 643-8365 // Email: [mmcd\\_sam@mmcd.org](mailto:mmcd_sam@mmcd.org)

# 2022 Activity Summary for Fridley and Spring Lake Park

## LARVAL CONTROL

The majority of control done by MMCD targets mosquitoes during their larval stage. Mosquito larvae usually develop in standing water and are most common after a rainfall. Larval control materials are applied via helicopter, backpack, or by hand.

**Larval Control in Fridley and Spring Lake Park in 2022:**  
**Sites Inspected: 197 | Acres Treated: 201.17**



## ADULT CONTROL

MMCD supplements our larval control program with limited adult mosquito control. Adult control materials are applied via backpack during the day or truck-mounted cold fogger in the evening.

**Adult Mosquito Control in Fridley and Spring Lake Park in 2022:**  
**Sites Inspected: 78 | Acres Treated: 3.53**

## DISEASE PREVENTION

Controlling the mosquito species that are most likely to spread disease is a top priority for MMCD. Removing containers that could hold stagnant water is critical to reducing the spread.

**Disease Prevention Activity in Fridley and Spring Lake Park:**  
**Tires Removed: 0 | Catch Basins Treated: 4615**  
**Disease Prevention Property Inspections: 2**



## CUSTOMER CALLS

We encourage residents of the district to call MMCD to report mosquito annoyance, employee or helicopter concerns, request waste tire removal, or for anything else.

**Customer Calls from Fridley and Spring Lake Park in 2022: 5**

For questions about your city's data,  
please contact Alex Carlson –  
[acarlson@mmcd.org](mailto:acarlson@mmcd.org)

