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**August 2022
Monthly Update**

Southeastern New Hampshire is still experiencing severe drought conditions. Most mosquito species have declined but disease risk lingers. When temporary pools disappear, mosquito species that utilize containers or permanent water are able to survive. Warm, dry weather is ideal for container mosquitoes including those that carry West Nile Virus (WNV). When there is a lack of water, insects, birds and animals all gather at remaining water sources. Higher concentrations of birds and mosquitoes increase the likelihood of disease transmission and may create a higher risk.

Another disease found in New Hampshire this year is Jamestown Canyon Virus (JCV), which is spread by a variety of mosquito species. These mosquitoes cover a wide range of habitats. JCV uses deer as reservoir hosts, and has infected 20 humans in NH since 2013 including 2 deaths.

Arboviral disease updates:

- Mosquitoes collected in Nashua and Manchester tested positive for West Nile Virus
- Mosquitoes collected in Hampstead and Atkinson tested positive for Jamestown Canyon Virus
- No EEE has been detected in New Hampshire
- Trapping of adult mosquitoes and testing at the State Lab will continue until mid-October

Highlights of Dragon's work this month:

- Monitored catch basins for larval mosquito activity
- Surveyed larval habitats and treated with Bti as needed
- Sprayed Colby Pond Recreation Field, Day Field and the Community Center for Old Home Days
- Each week adult mosquitoes were trapped at fixed locations throughout town
- Adult mosquitoes were processed and identified to species
- Mosquito batches were sent to the State Lab for disease testing