

Vector Monitoring Redistricting

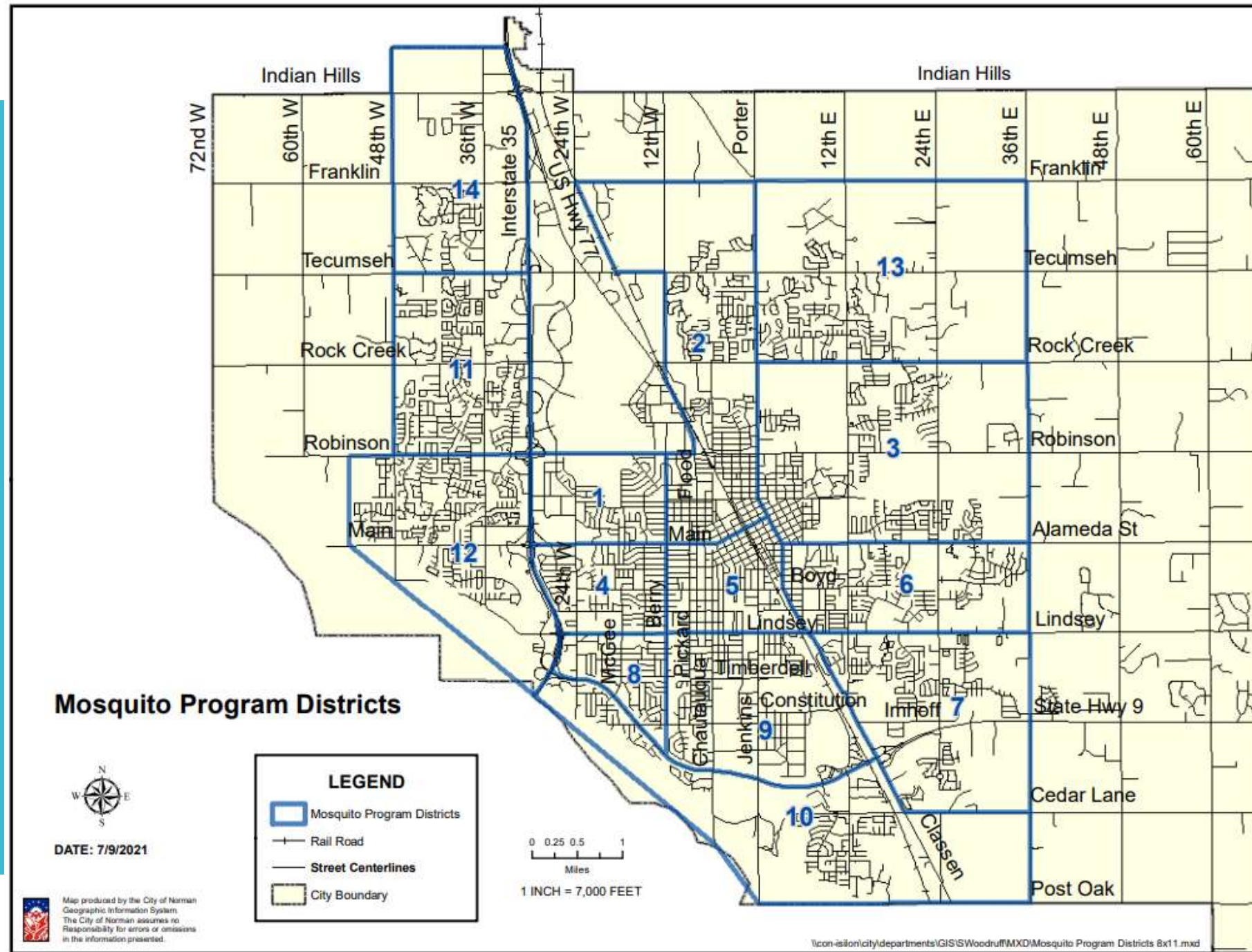
City of Norman Parks and Recreation Department



Vector Monitoring History

- City of Norman worked with the University of Oklahoma in cooperation in the late 1960s to develop a Vector Control plan for Norman.
- The Vector Control plan was designed to collect data, identify species, and control through larvicide and fogging.
- Park Maintenance in the past has partnered with homeowners to place traps on private property.
- Traps were collected and mosquitoes were counted periodically, frequency dependent on counts.(Counts increase-collections increased)

Vector Monitoring Old District Map



Past Vector Monitoring Trap 2022



- Original traps purchased in 1980s
- Require 110v outlet
- Less efficient
- Unsure about the accuracy of the unit after so many years of use.

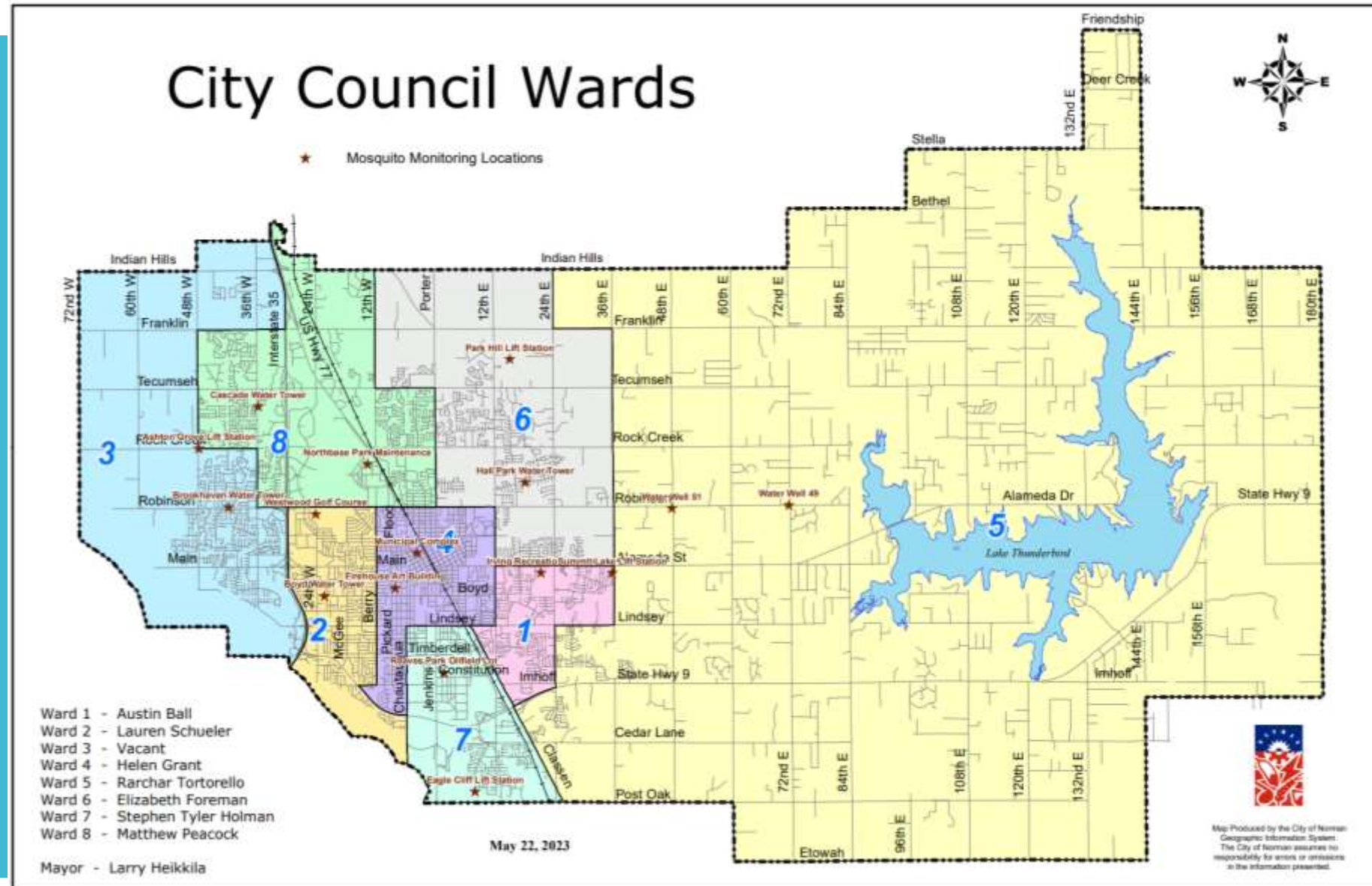
New Updated Vector Monitoring Trap



New Jersey Standard Light Trap: Model 1112

- **Original Developed by mosquito personnel in the State of New Jersey**
- **A prototype was developed 40 years ago, tried and true method**
- **Battery-powered gives us more flexibility on locations**
- **Uses light to attract mosquitoes**
- **A small mounted fan forces them into the net**
- **Produced and Manufactured by John W. Hock, they are the gold standard for vector monitoring.**

New Vector Monitoring Map with site locations





Vector Control Program Going Forward

- Frequency of Trap Monitoring
- Acceptable Mosquito Threshold
- Fogging is no longer a part of the Vector Program
- New Plan of Action
- How can you help to reduce mosquito populations?
- How does the Park Maintenance Team Help?
- Our Partnership with Cleveland County Health Department