

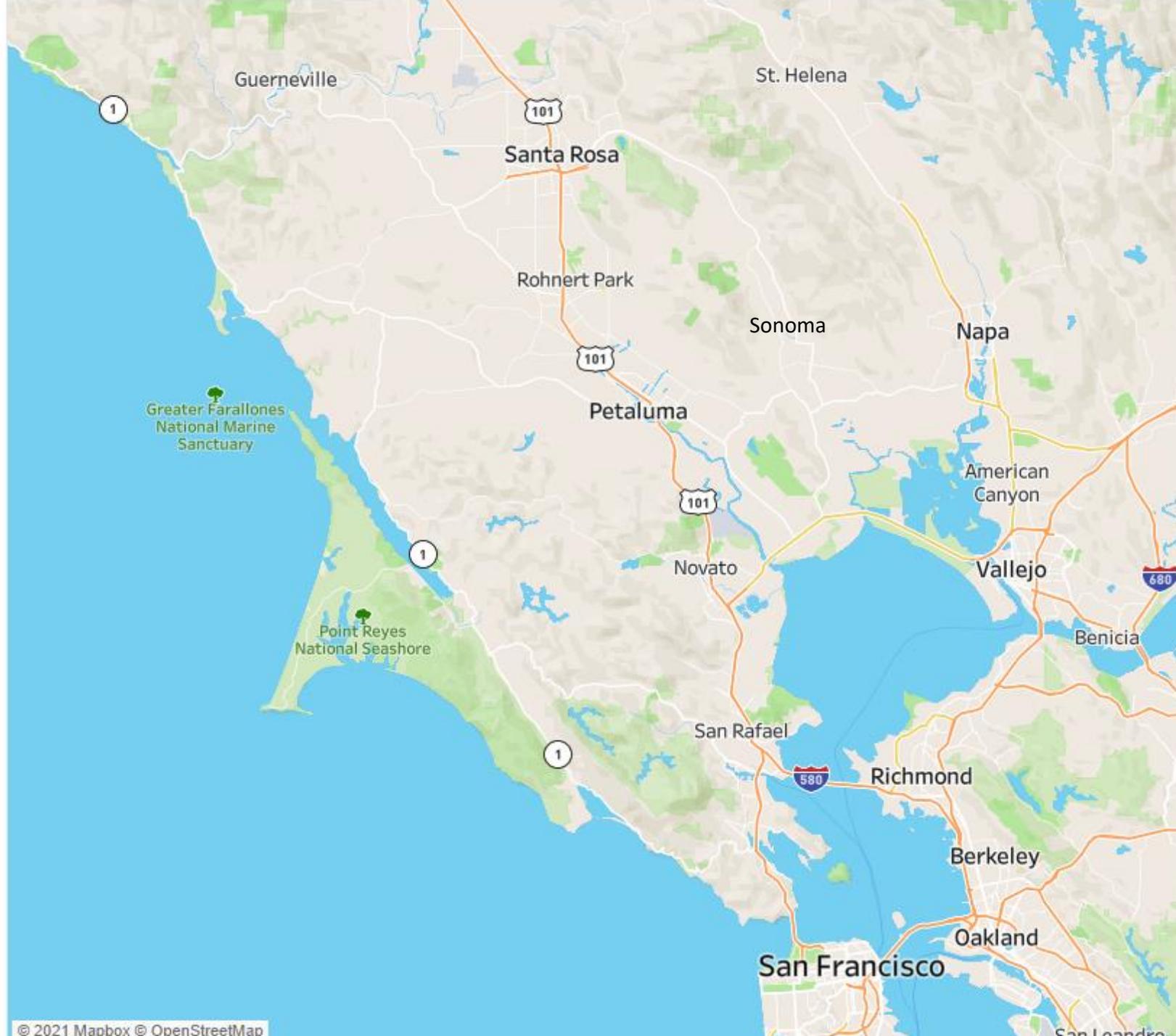
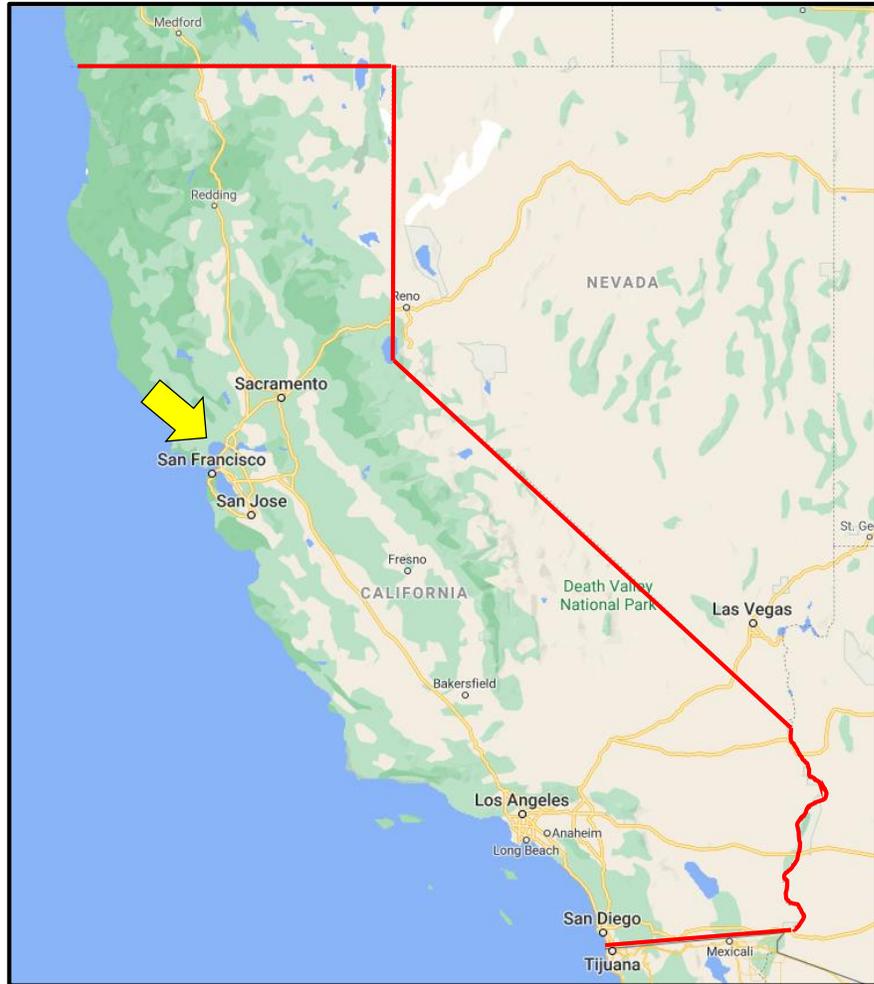
Surveillance and Control Strategies for *Aedes squamiger* in the Coastal Region of Northern CA



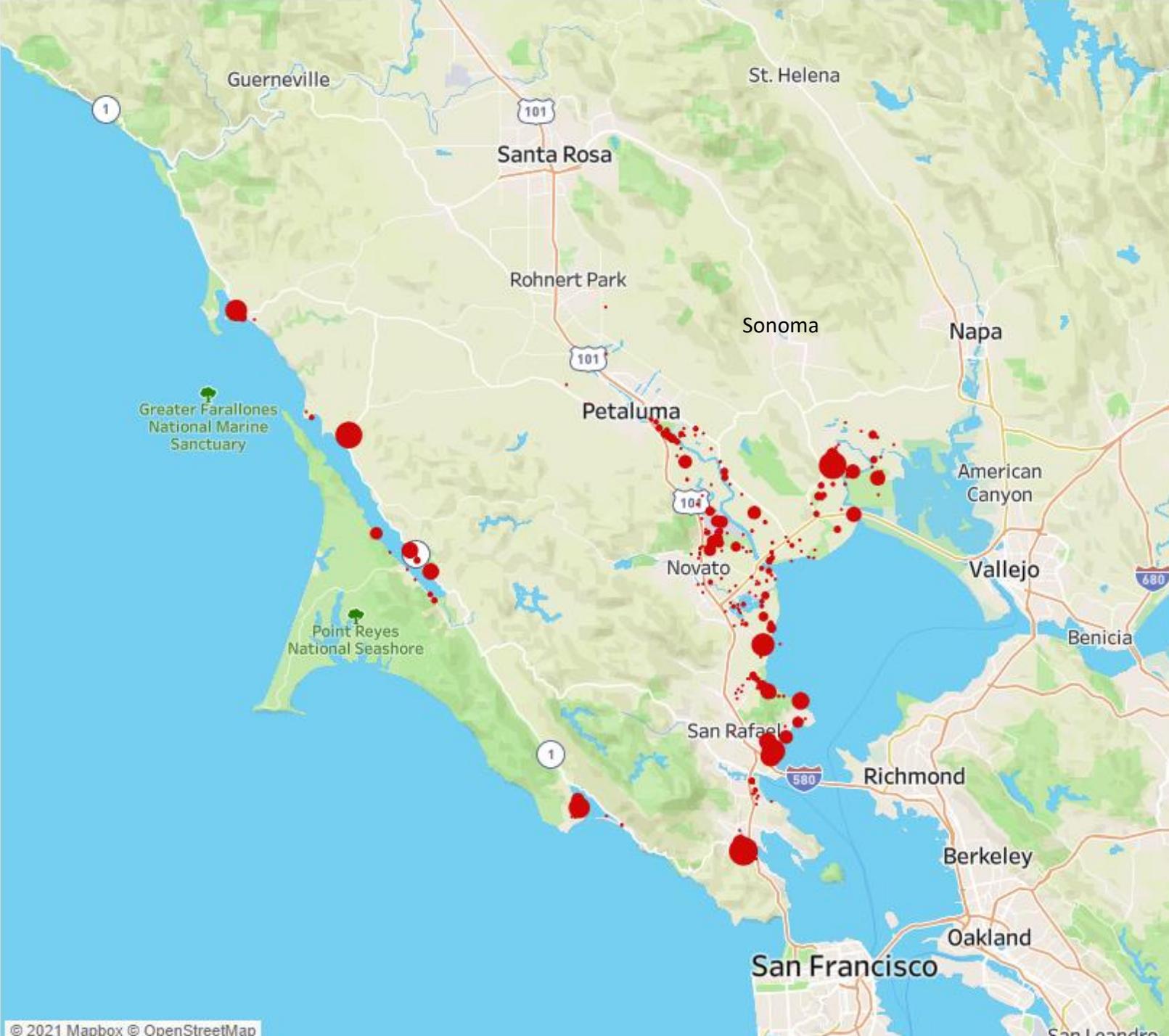
Eric Engh

Marin/Sonoma Mosquito and Vector Control District

Marin/Sonoma Mosquito and Vector Control District



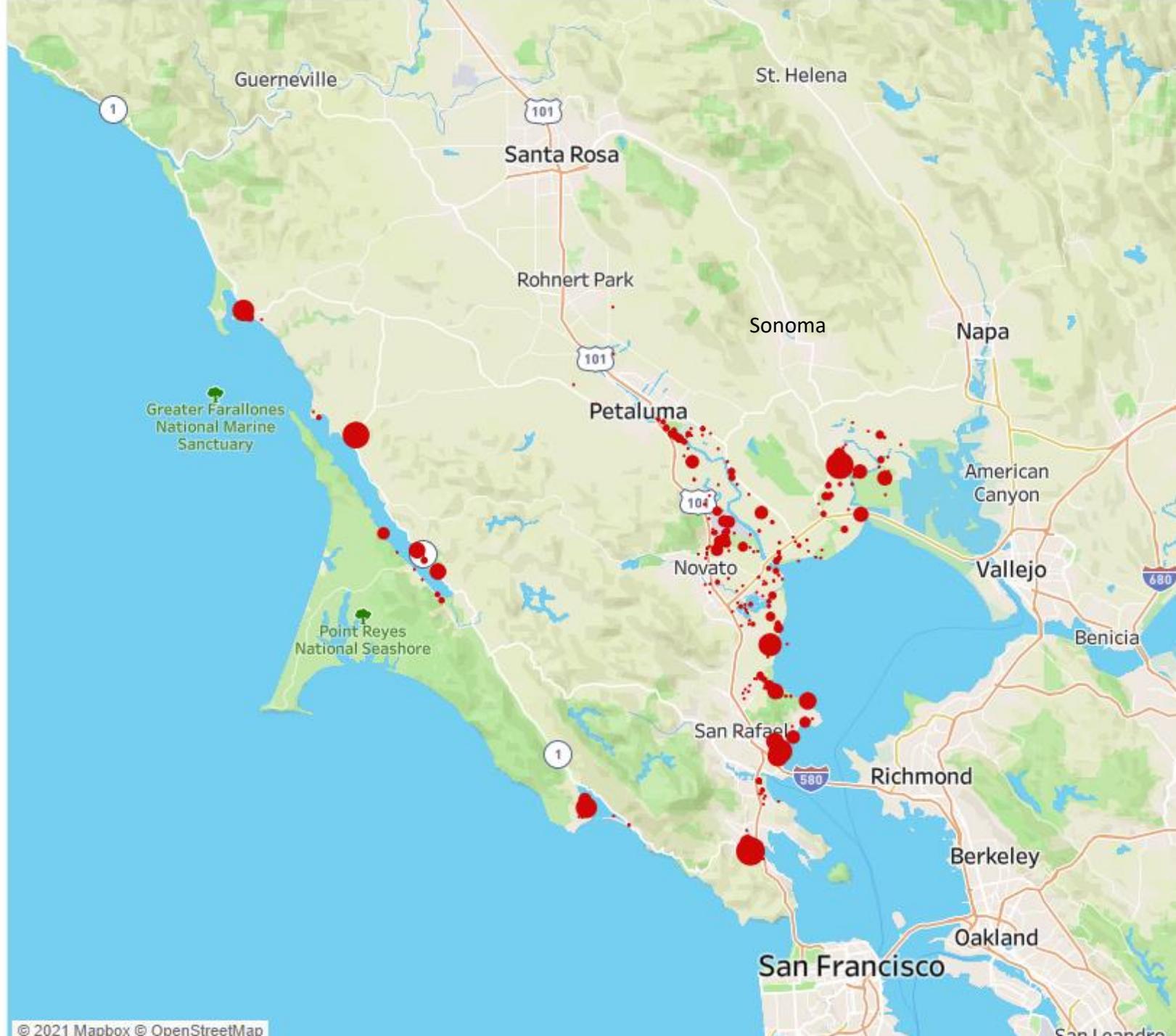
Aedes squamiger Surveillance



Aedes squamiger Surveillance

Do Not Disturb!

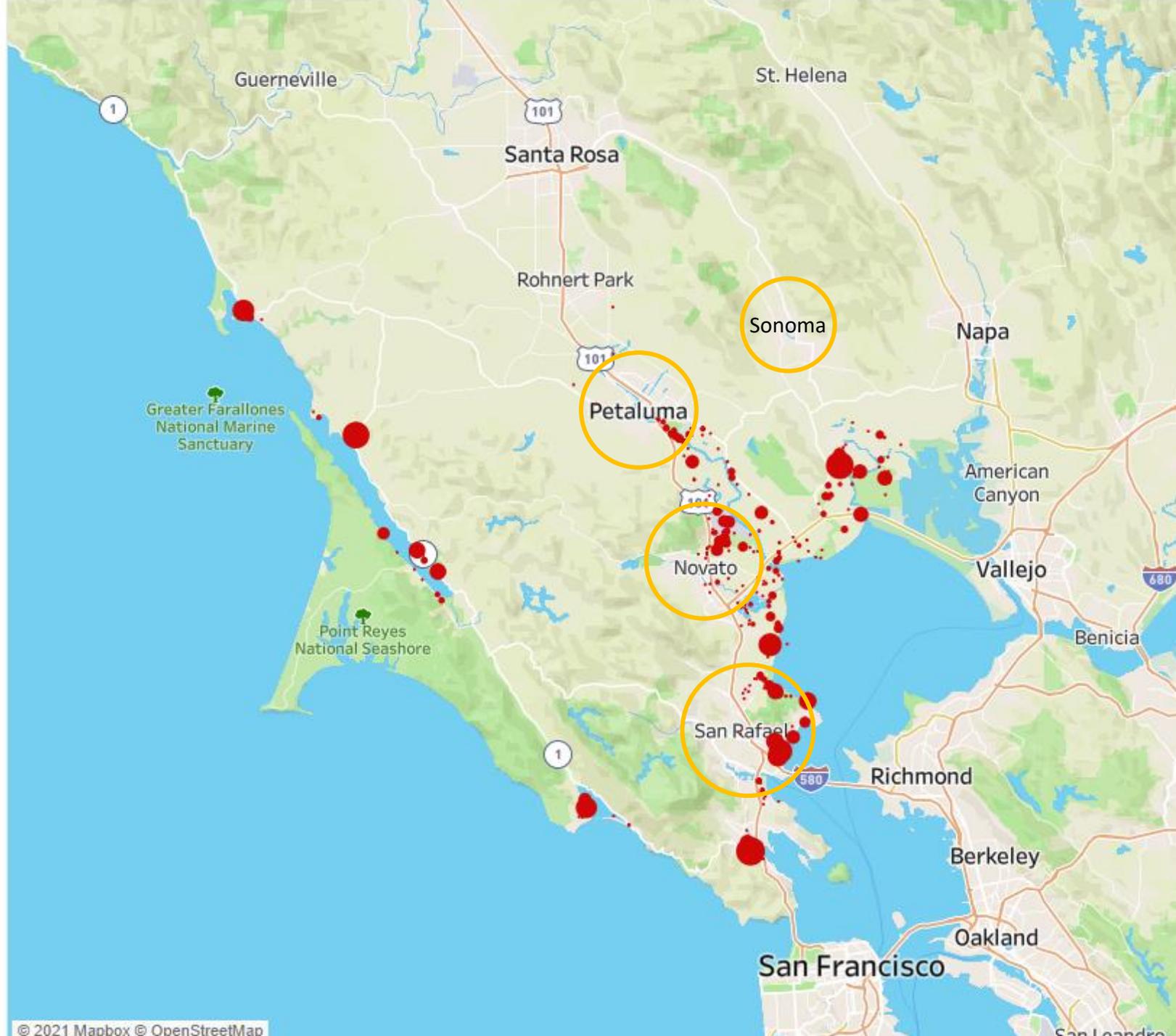
- Do tread lightly
- Do keep the sun in your face
- Do not allow any water droplets from your dipper to hit the surface
- Do not cast a shadow over the spot you are dipping
- Do not have a dirty dipper!



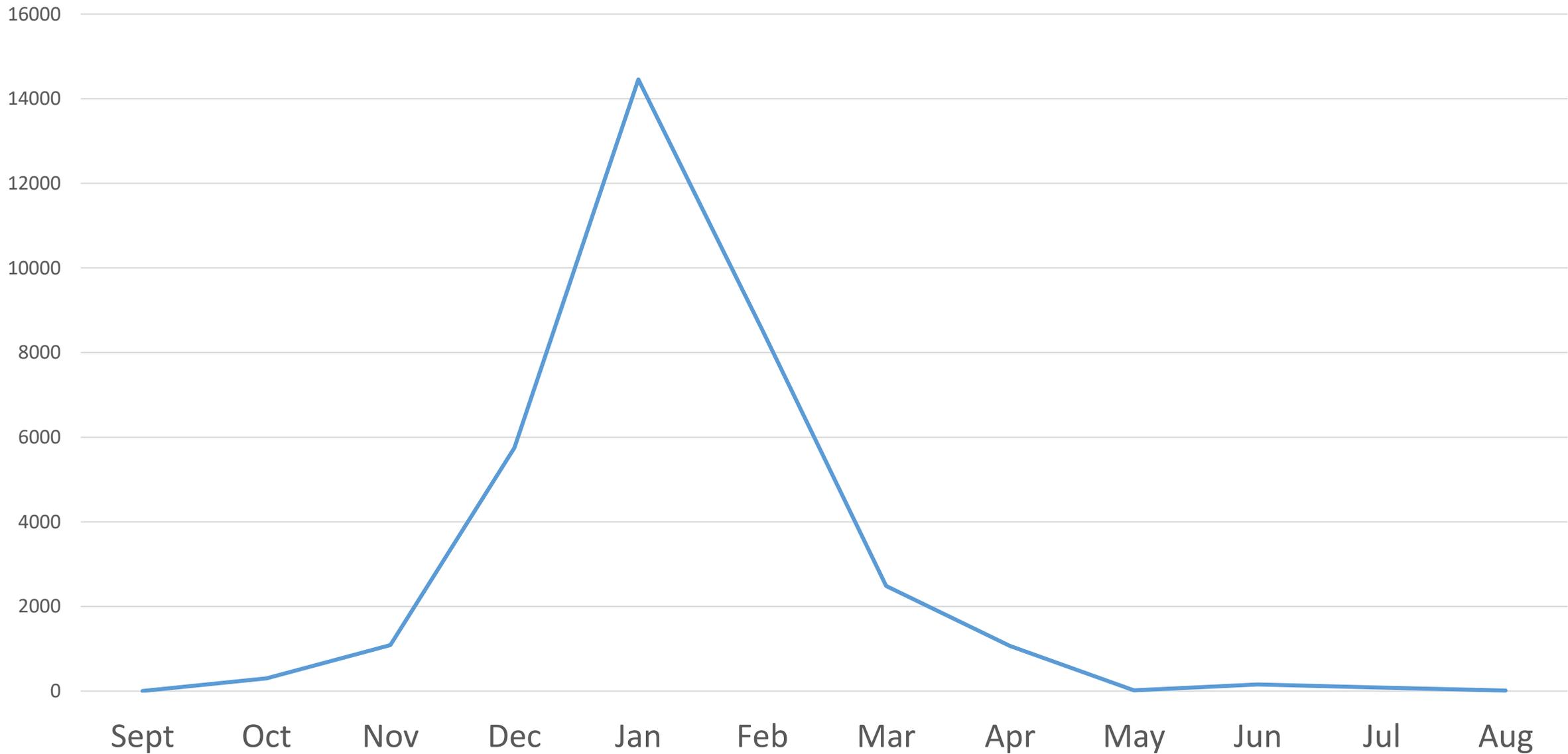
Aedes squamiger Surveillance

Do Not Disturb!

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Aedes squamiger larval collections 2009-2020





Considerations for Larvicide

Operations:

- Mosquito species
- Stage in life cycle
- Tides
- Weather
- Site accessibility
- Application Method
- Cost
- Interagency cooperation

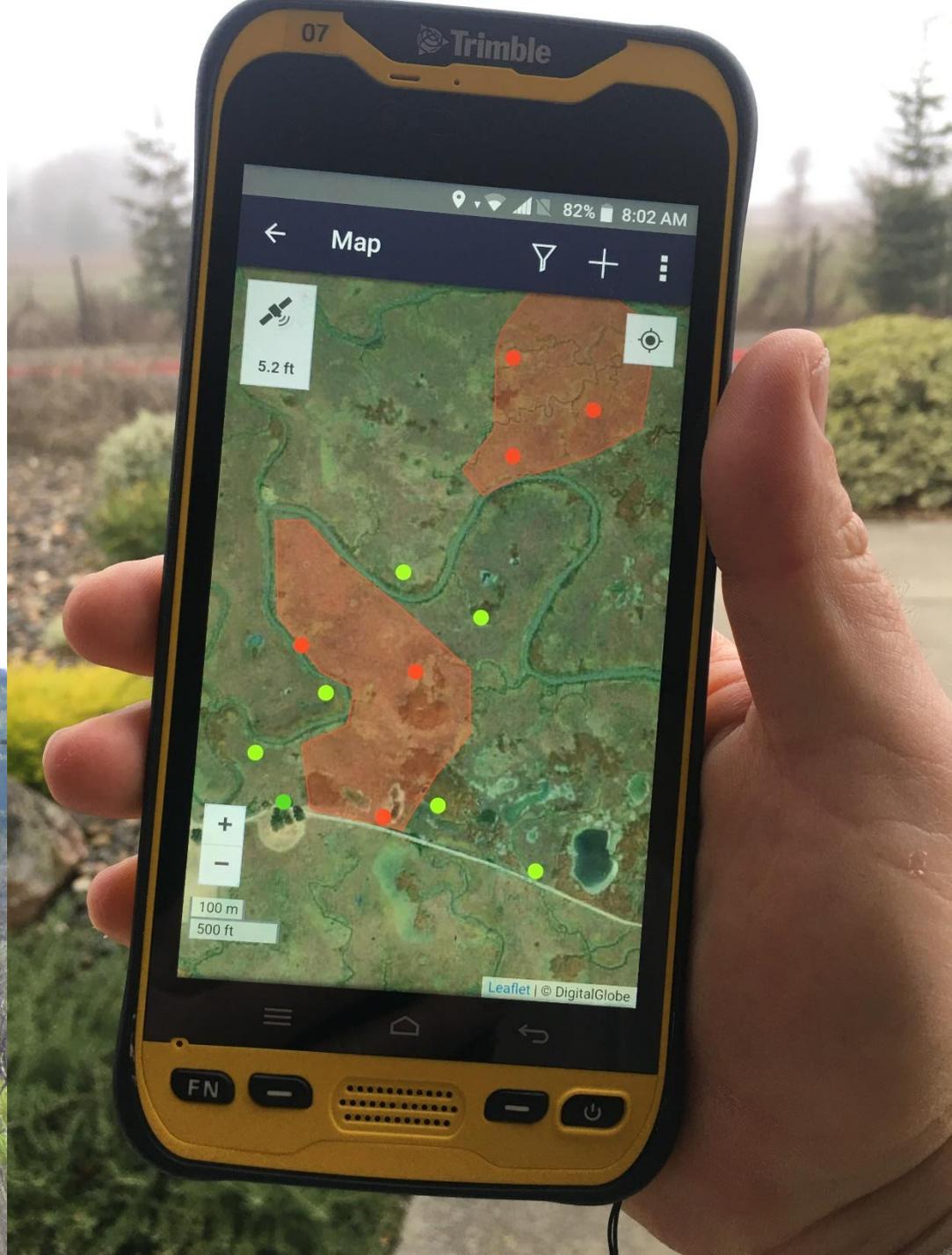


GIS Technology

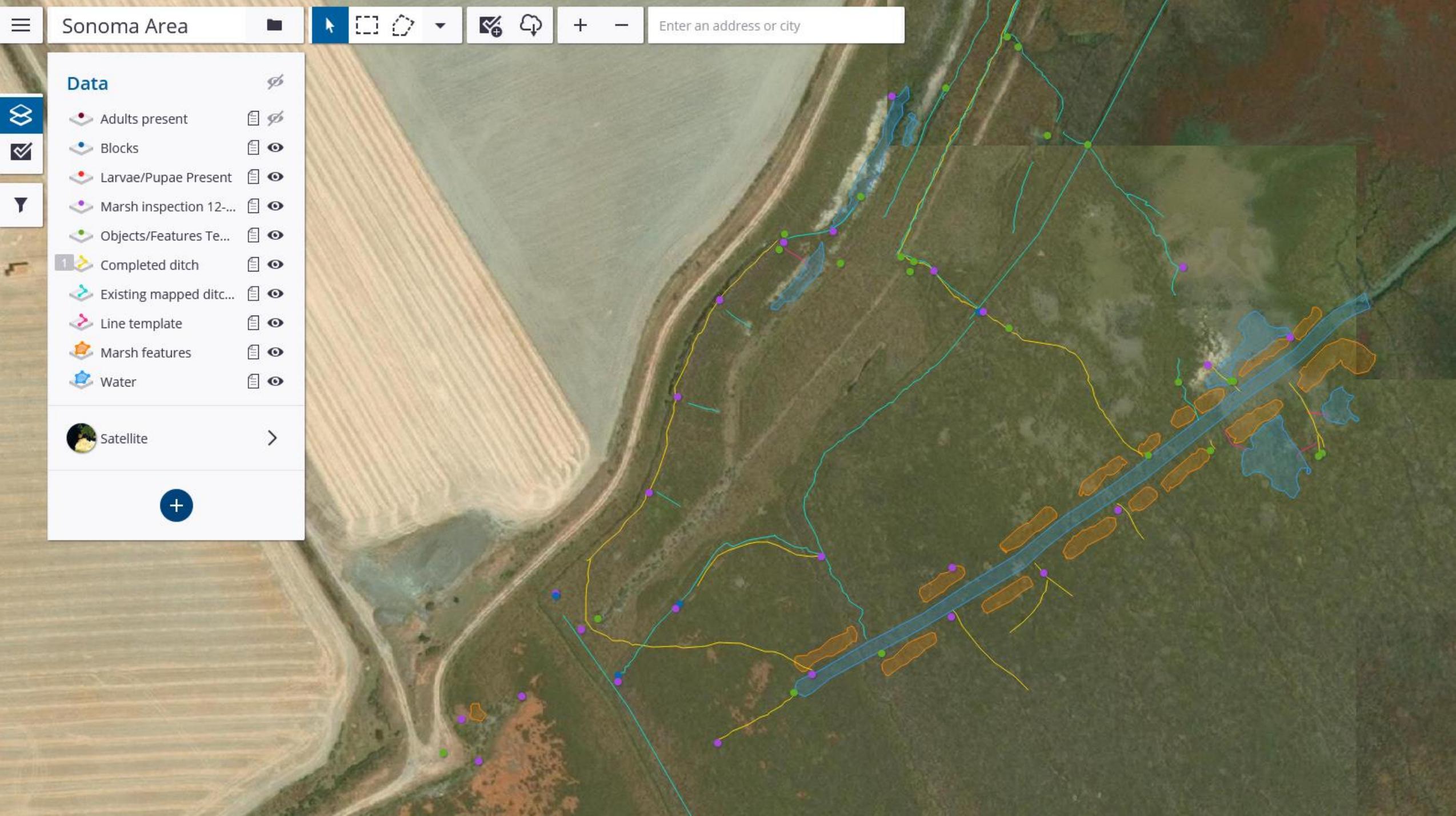
Trimble TDC600 (Device)

Trimble TerraFlex (Mobile App)

Trimble Connect (Desktop App)







Data

- Adults present
- Blocks
- Larvae/Pupae Present
- Marsh inspection 12-...
- Objects/Features Te...
- Completed ditch
- Existing mapped ditc...
- Line template
- Marsh features
- Water

Satellite









Thank you!
erice@msmosquito.org