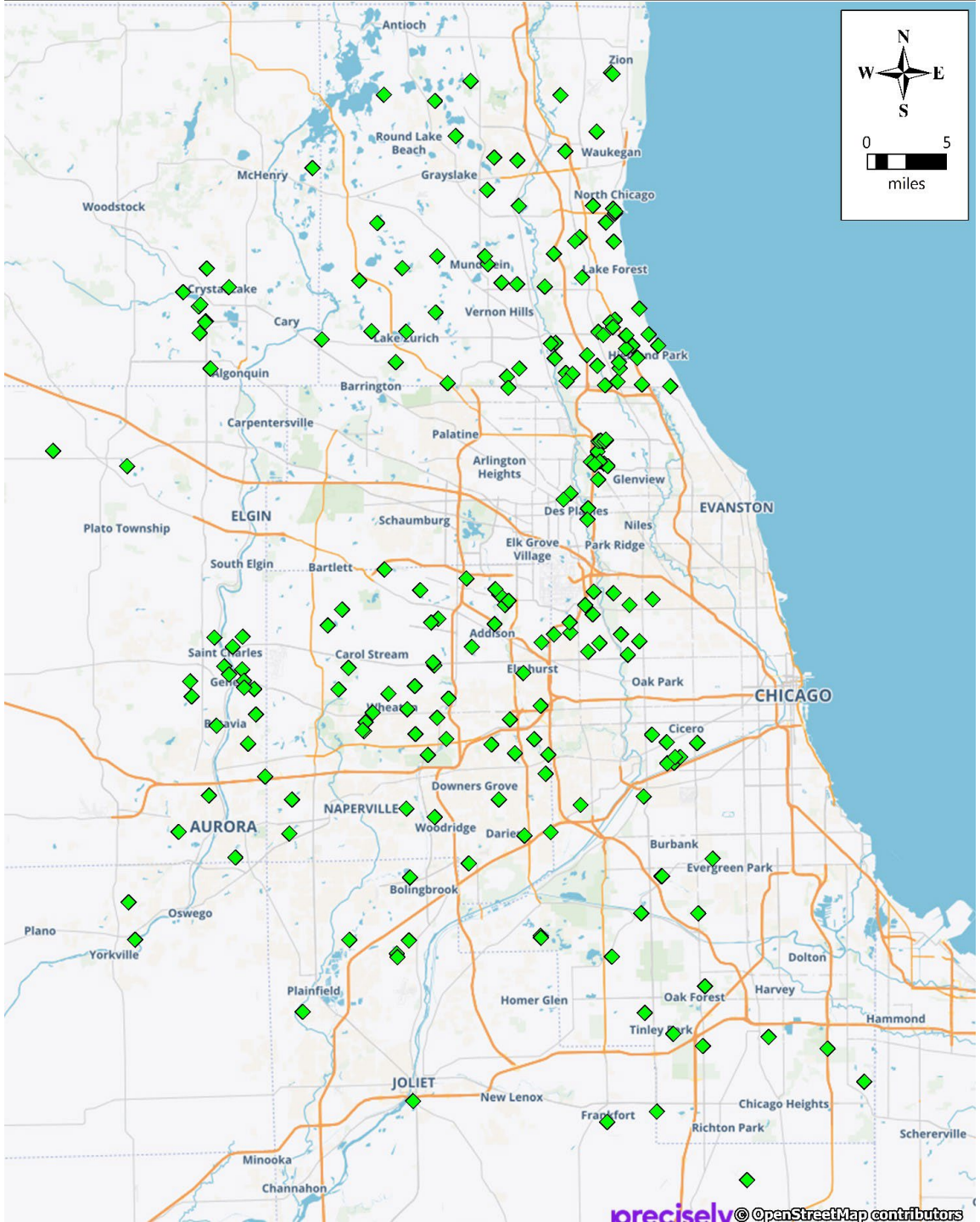
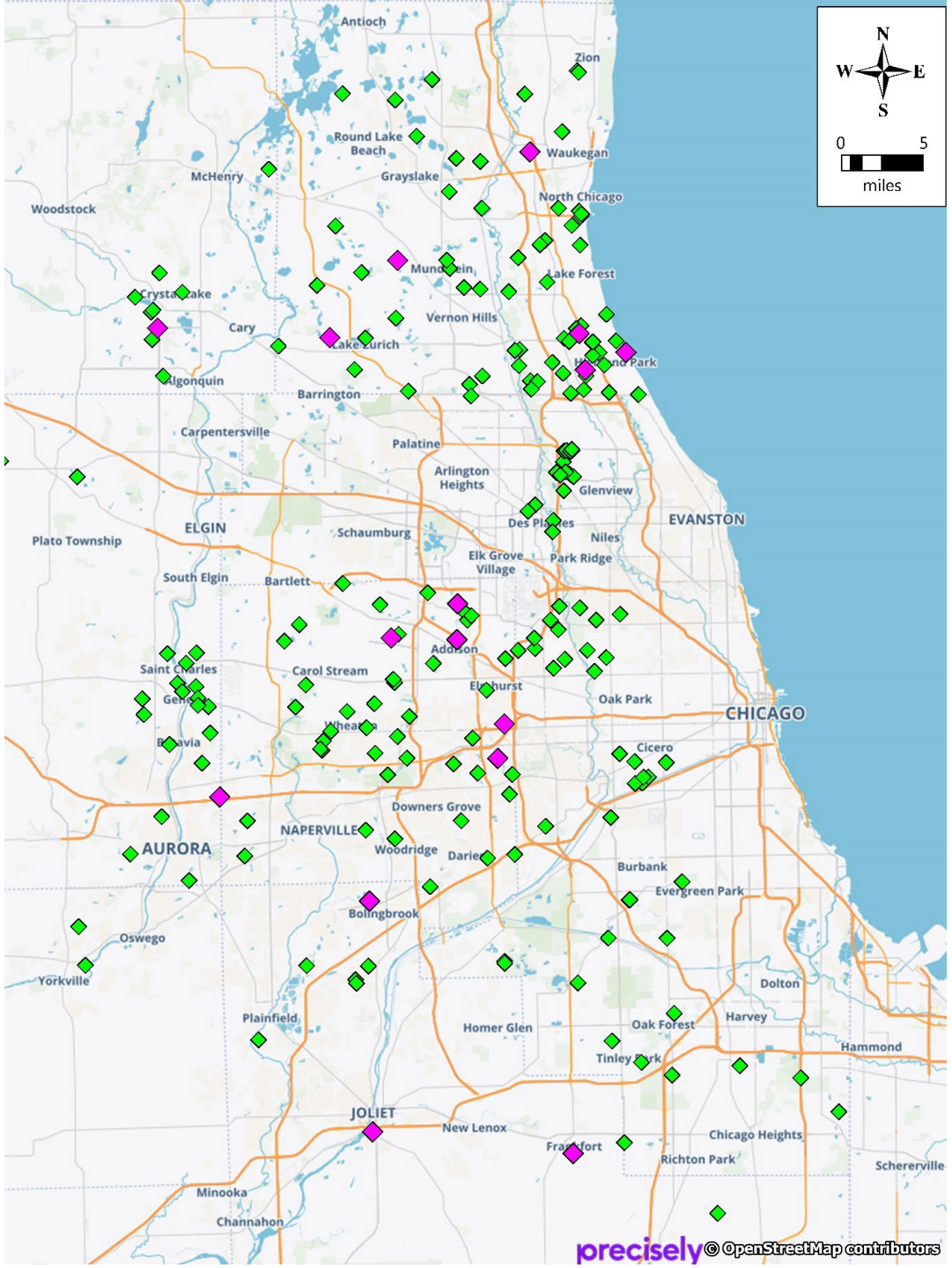
Deploy, Optimize, Rely: An Operational Case Study on the Broad Adoption of BG Counter



Trapping Network

Current trap network

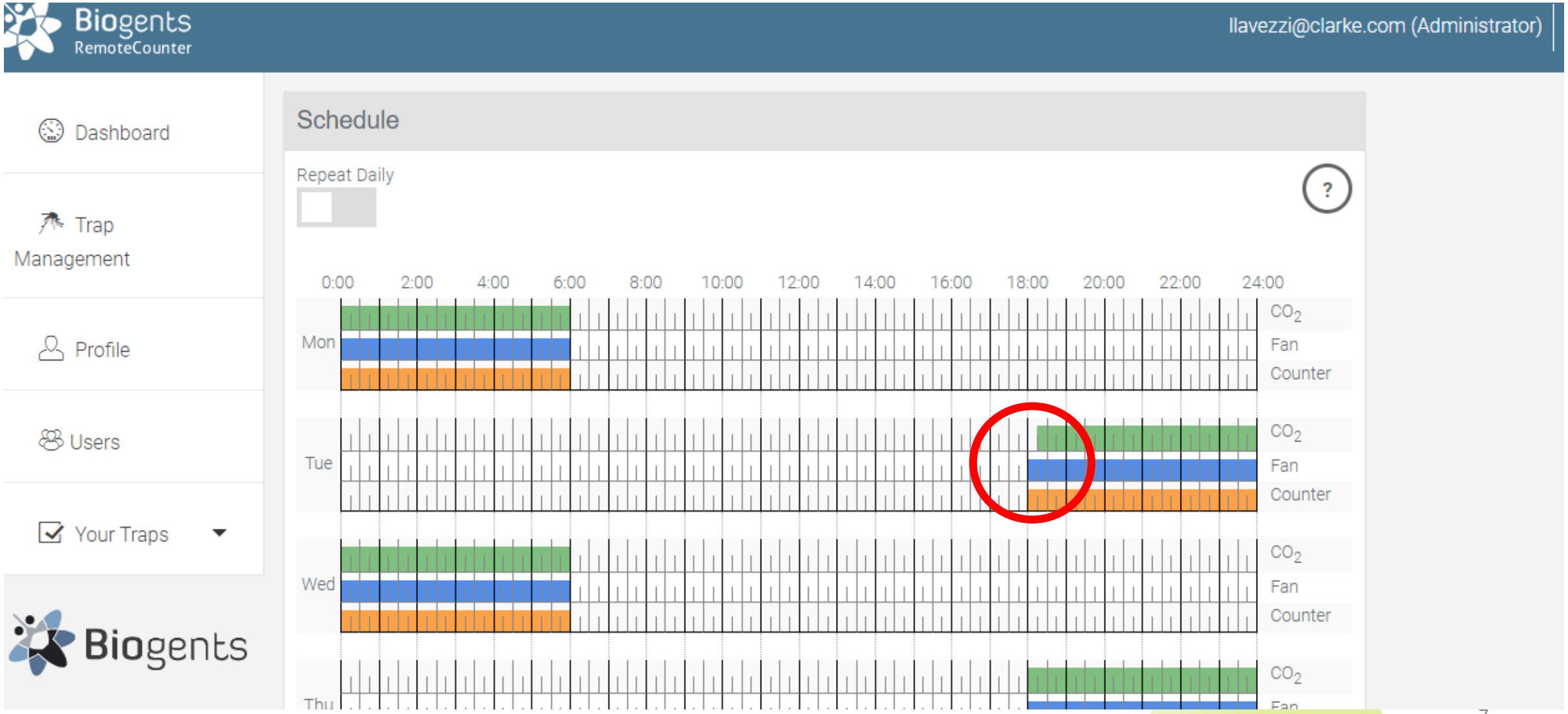
BG Counter Trap



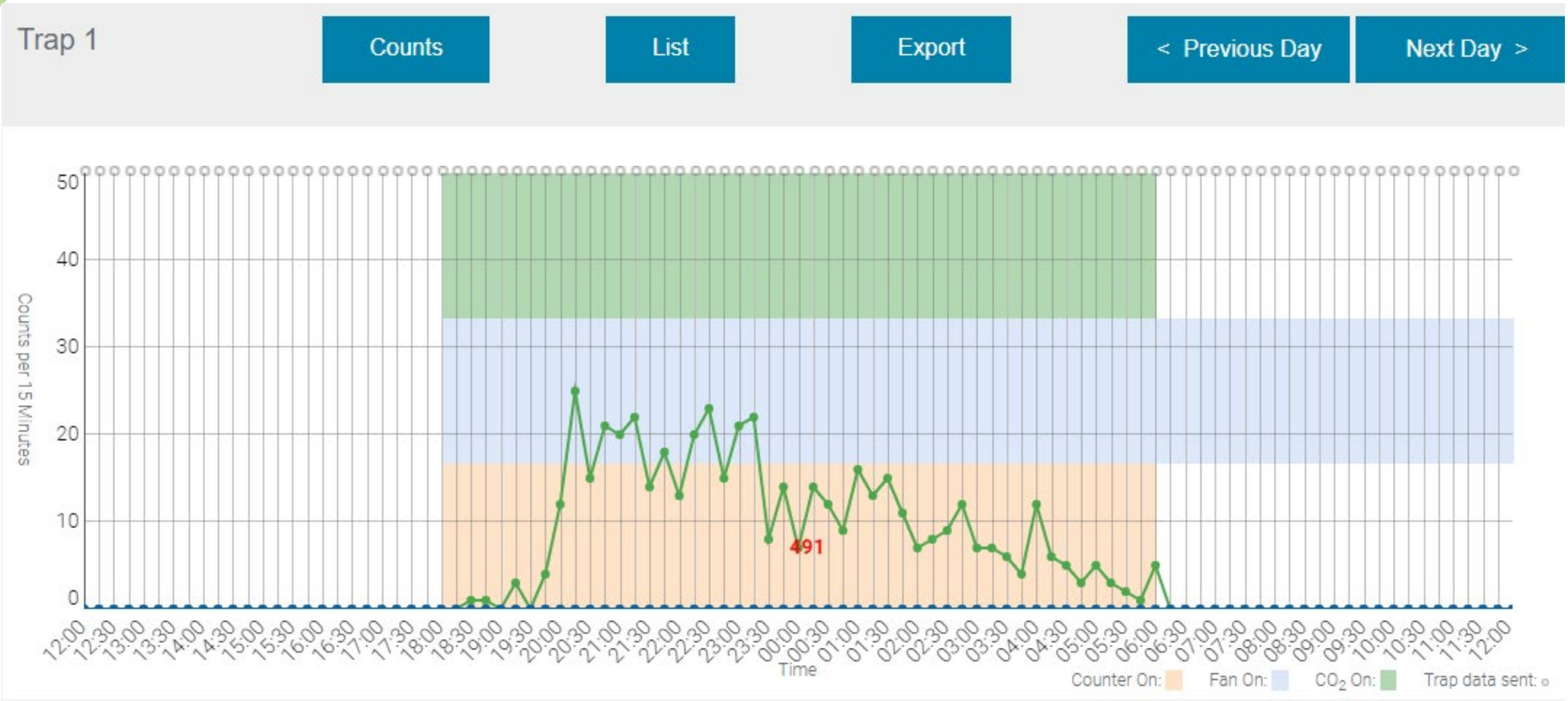
BG Counter Network

BG Counter Benefits

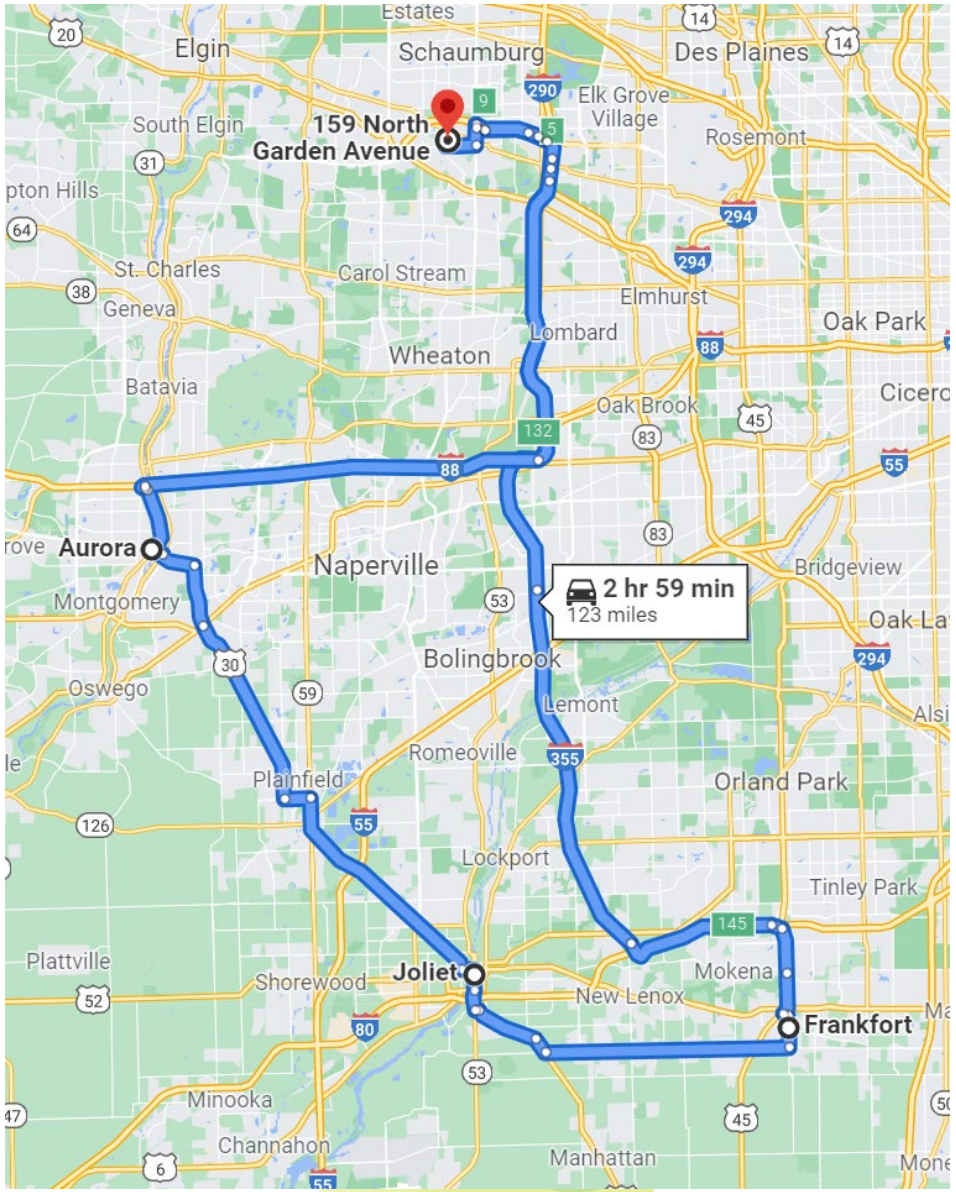
BG Counter Benefits



BG Counter Benefits

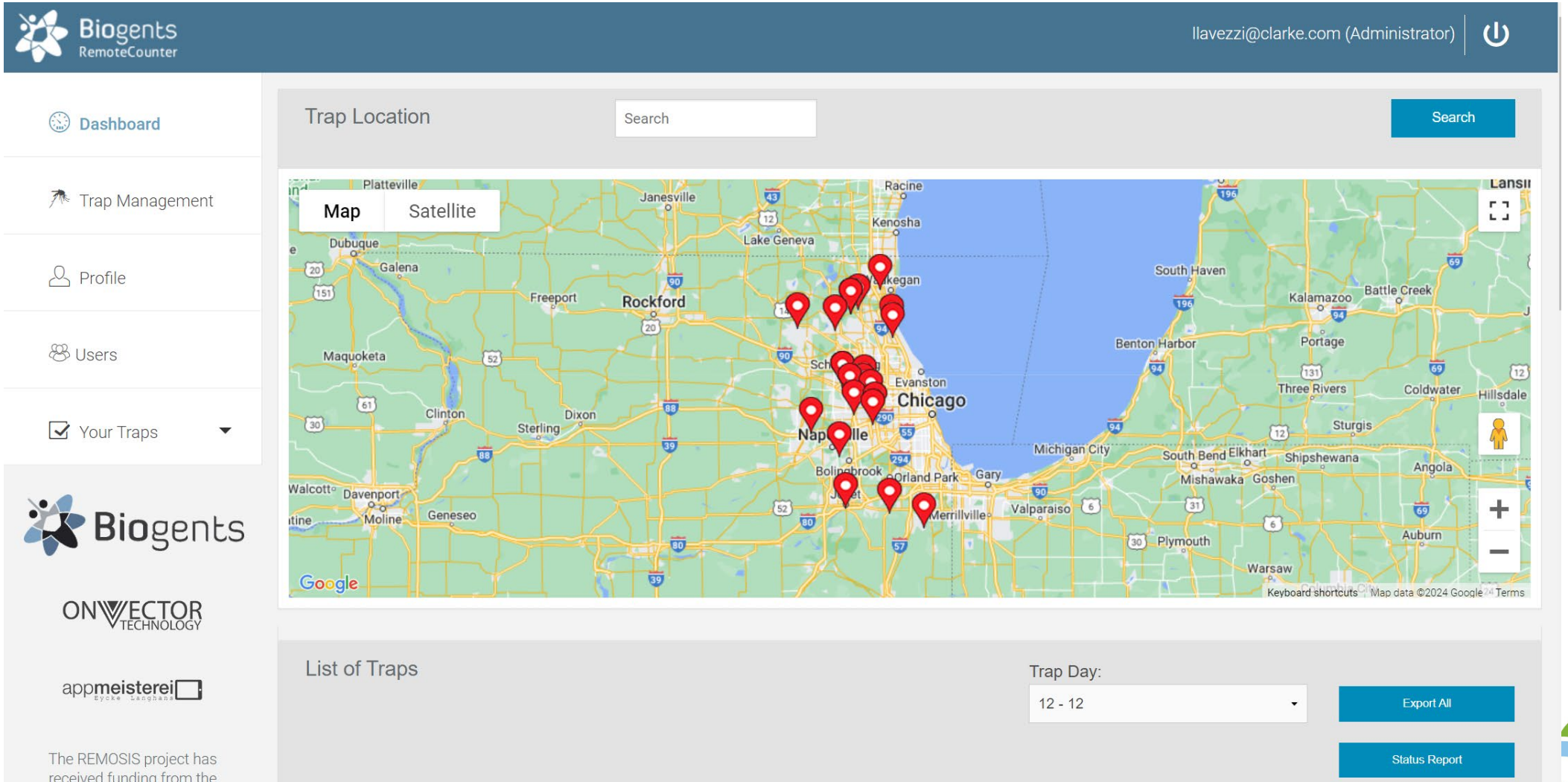


BG Counter Benefits



Monitoring the Traps

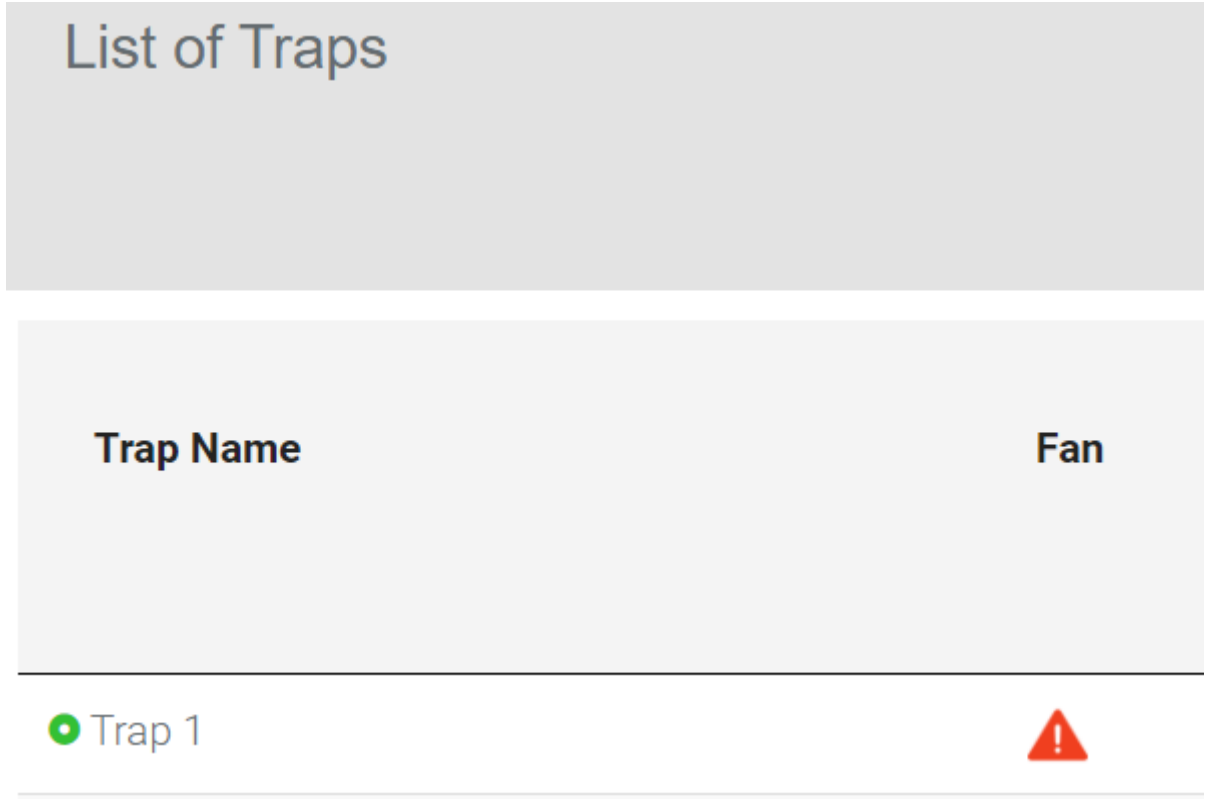
The BG Counter website



Swapping CO_2 Tanks

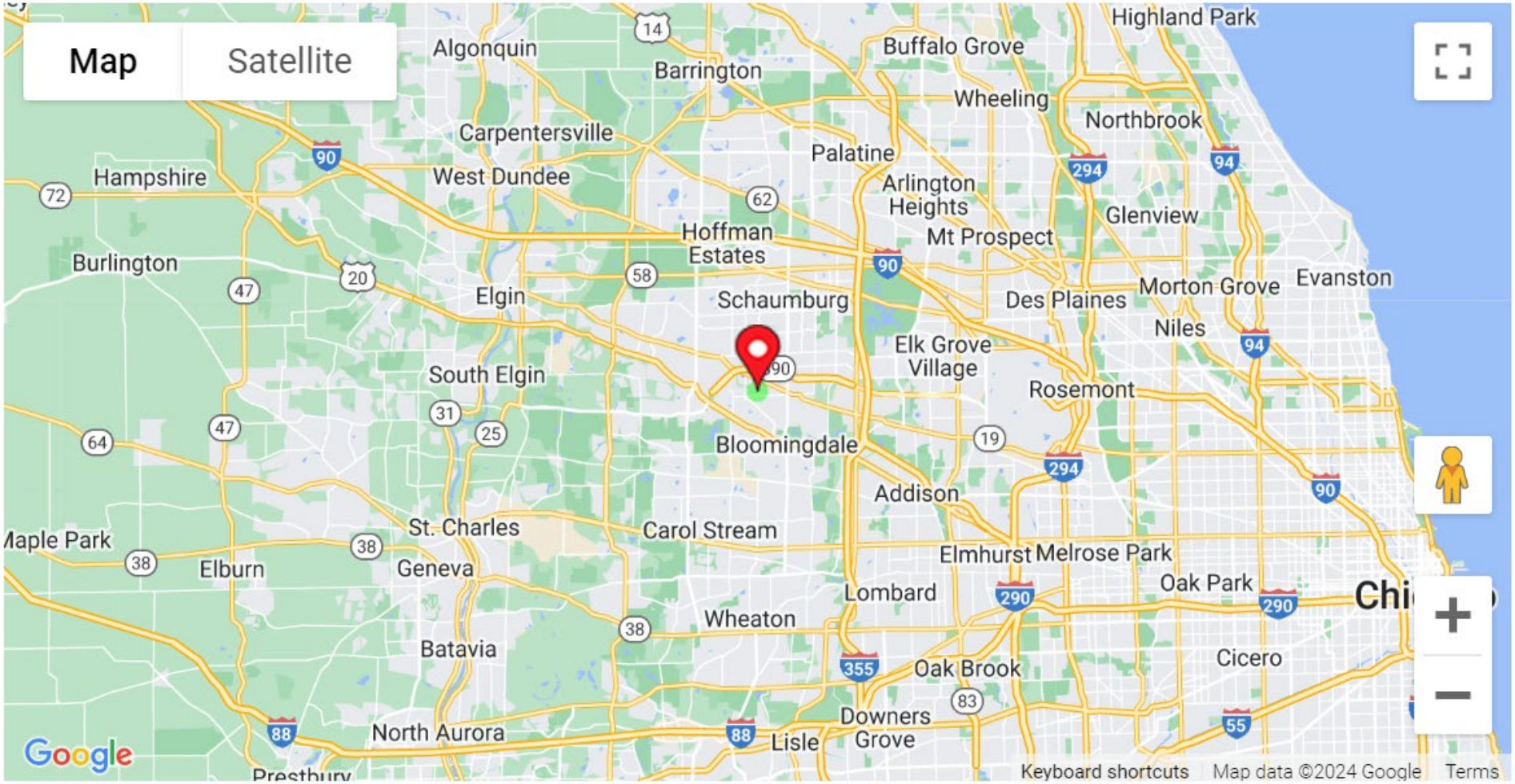
Name	Trap 1
IMEI	868022030410281
Location	42.20664, -87.843052 (GPS)
Last Connection	2021-10-13@11:45
CO_2 Cylinder	0% (0 Days)

Website indicates problem



Storm Damage

Trap Location



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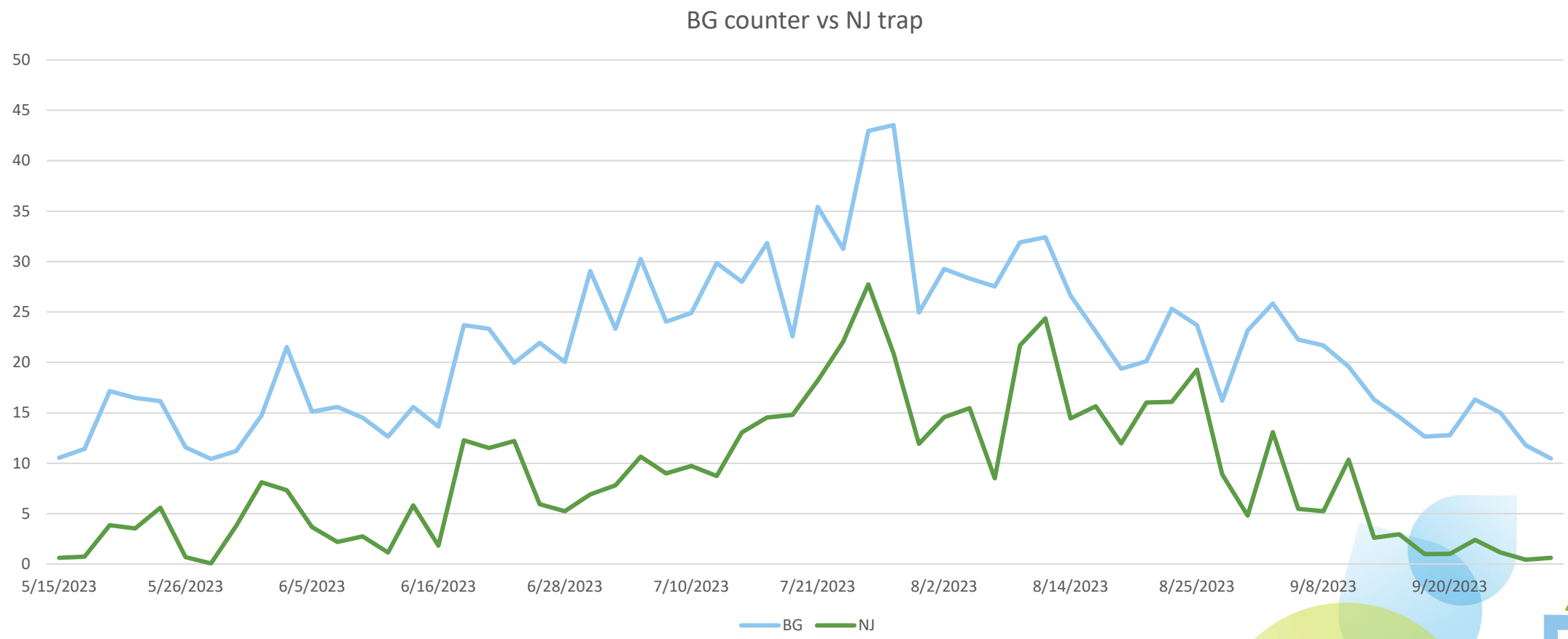
Critter interference

Data Comparison



Takeaways

- Enhance an existing network
- Improved efficiency
  - Reduce field & lab time
  - Early data access
  - Peak mosquito activity times
  - More accuracy in control applications
  - More timely control decisions

THANK YOU

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