

Environmental Health Programs Don't Stop for a Pandemic

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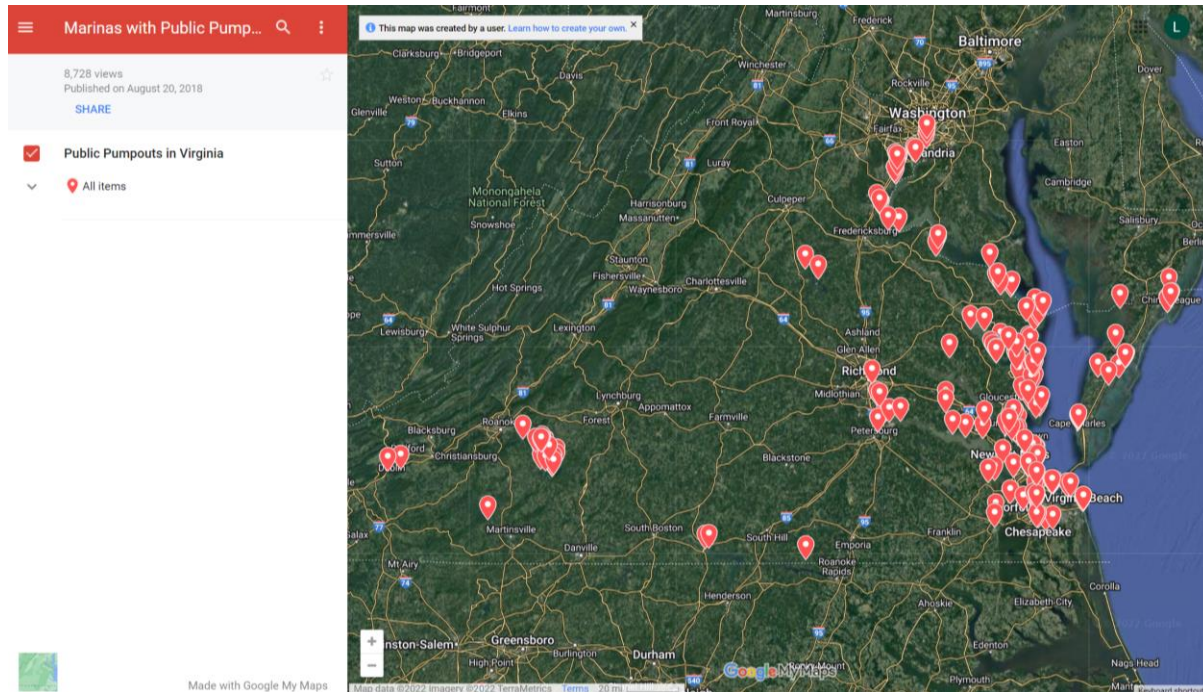
Increased Onsite Demand During the Pandemic

- Onsite Sewage Applications
 - 2019 Totals – 12,822
 - 2020 Totals – 13,702
 - 2021 Totals – 14,932
 - 95% Private Sector Designs



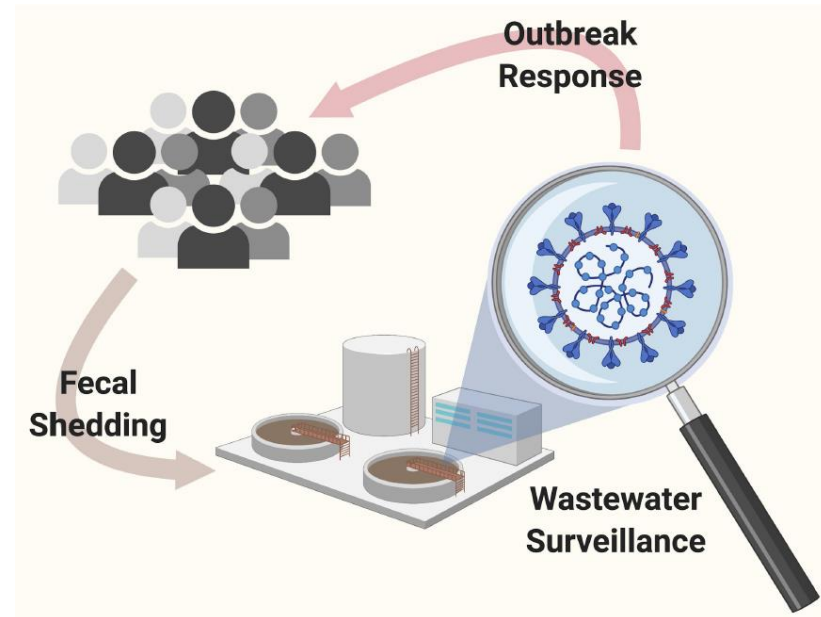
Increase Boating

- High volume of request for funding from CVA and BIG Grants.



Wastewater Surveillance for SARS-CoV-2

- Also called wastewater-based epidemiology or WBE
- Genetic material from the SARS-CoV-2 virus is shed in the feces of infected people
- This genetic material can be detected and measured by collecting samples of wastewater and performing an analytical technique called PCR
- Data can provide information on the prevalence of the virus in a population in a specific geographical area.
- Geographical area can range from an entire sewershed to a neighborhood or facility such as a hospital or school.



Aaron Bivins et al. Wastewater-Based Epidemiology: Global Collaborative to Maximize Contributions in the Fight Against COVID-19 *Environmental Science & Technology* 2020 54 (13), 7754-7757

Septic and Well Assistance Program

- Direct Projects.
 - 192 applications
 - 202 projects
 - 9 installed, 12 under contract, 32 in bid process.
- \$4.6 million estimated project installation cost.
- Local Partner Projects.
 - 2 approved partners in Eastern Region.

