

TITLE: COVID-19 & Community Health: Wastewater Based Epidemiology & Genomic Surveillance
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PURPOSE



Understand COVID-19 transmission in the community using wastewater surveillance and viral genomic surveillance.

CUSTOMERS: Shared interests & concern for community and public health

- Academic: LSUHS & Grambling State University
- Health Care: Health Hut, Michael Brooks Family Clinic
- Foundation: Rockefeller Foundation

DESIRED END RESULT

- Manuscript on wastewater surveillance with GSU published September 2022 in *PLoSOne*
- Partnership with Rockefeller Foundation has resulted in playbook
- New partners and stronger collaborations
- Lab now has ONT MinION sequencing device

CURRENT STATUS

- Wastewater project is mostly wrapped up, aside from sending samples to collaborator in Minnesota
- Sequencing is on-going as funds and reagents are available
- Wanting to explore the use of assays and technology