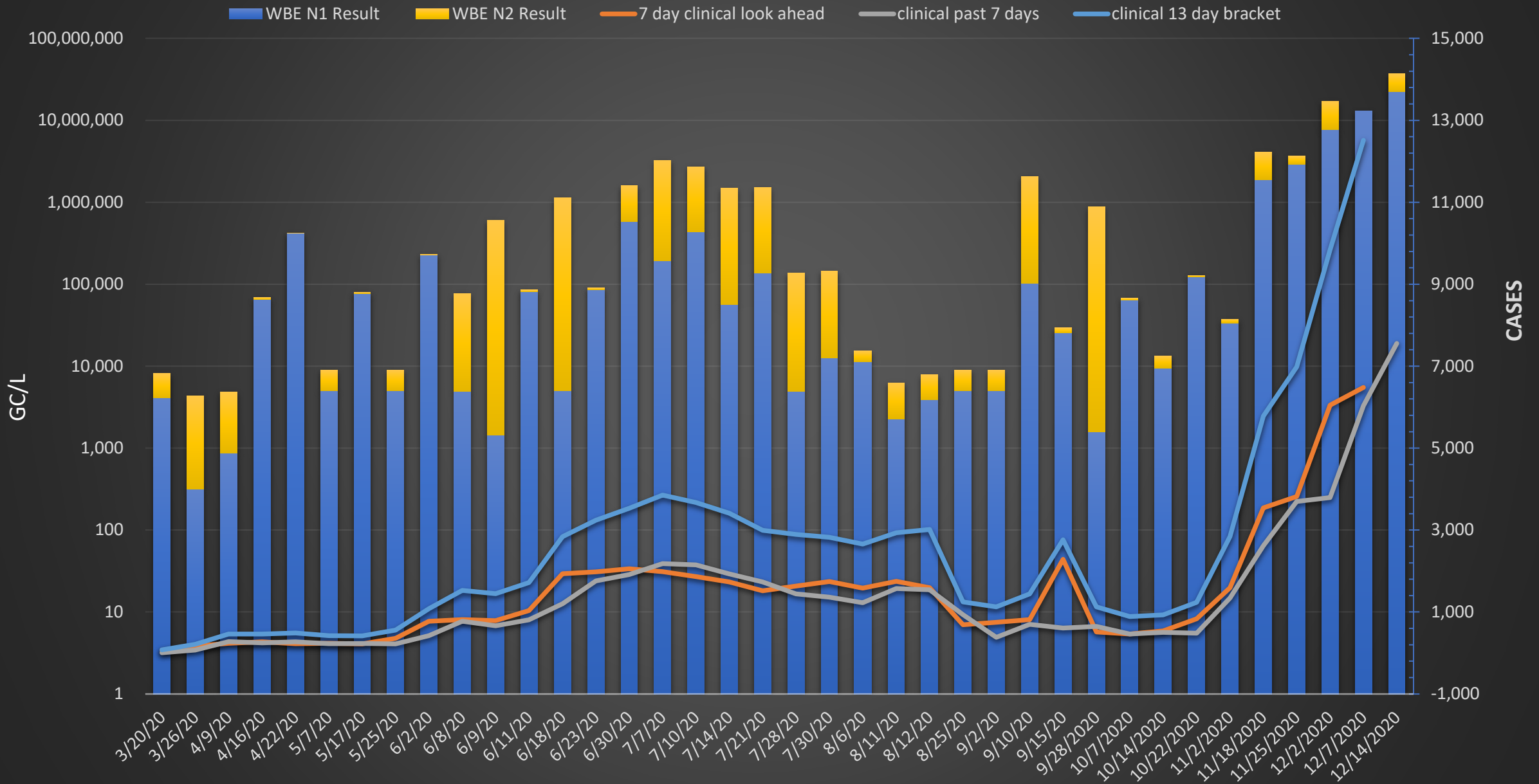


Agua Nueva Wastewater Based Epidemiology



- Left axis is log scale for genetic copies/mL of Agua Nueva influent
- Right axis is confirmed clinical cases reported by Health Department
- WBE qPCR detects both symptomatic and asymptomatic viral shedders (we see the entire population, not just those seeking to be tested)
- Last two weeks concentration increased from 8M-13M-22M gc/mL
- Developing a model to correlate # of infected per population based on WBE
- ~80% of people are asymptomatic
- Nationwide HHS study underway with Tres Rios participating