

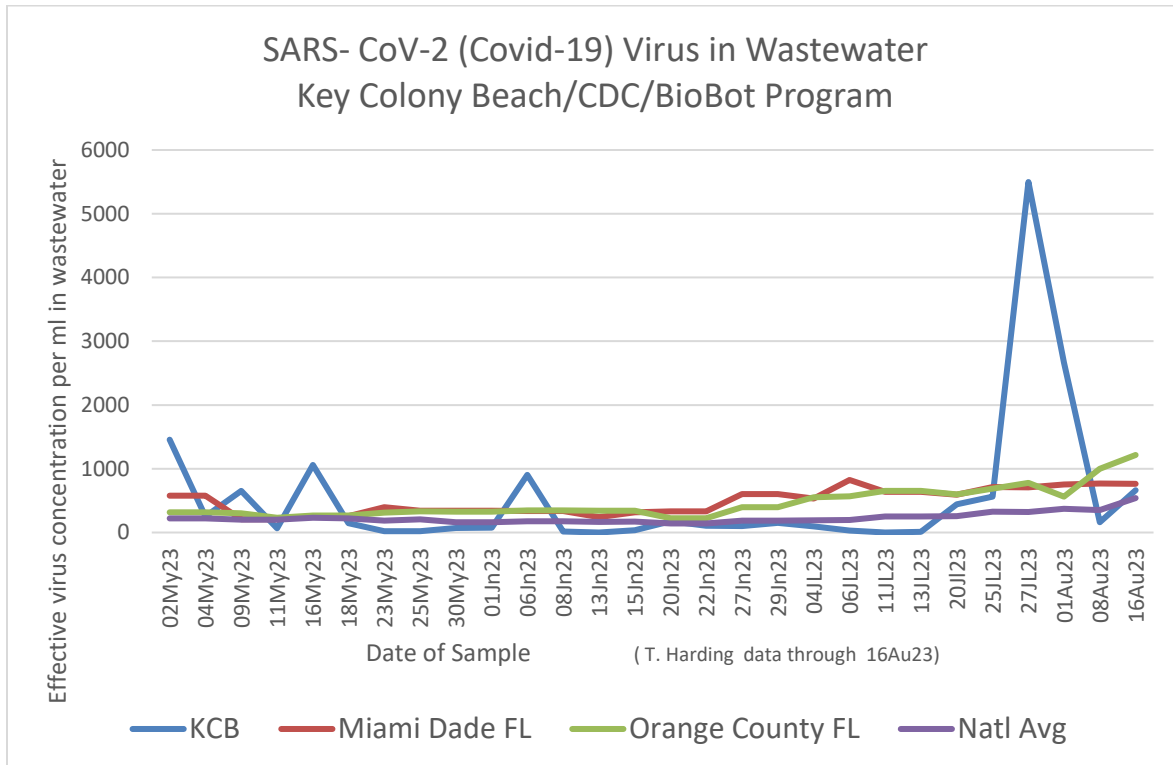
City of Key Colony Beach

Wastewater Sampling Update for Concern Virus's – August 21, 2023

✓ SARS-CoV-2 Virus – Covid -19

- General overview data from CDC and Florida Dept of Health websites:
 - CDC Hospitalizations Summary – 390 cases, 10.8% increase (Broward, Miami-Dade, and Monroe County data together, data through 05Au23).
 - CDC Death rates due to Covid-19 in the last week for Florida, 3.0%, a 6.3% decrease from last week.
 - Florida Department of Health Weekly Situation Report (data for week 11Au23 – 17Au23):
 - Overall State of Florida – 18,518 new cases (plateauing)
 - Monroe County - 65 new cases (increasing)
 - Dade County – 2,420 new cases (decreasing)
 - Broward County – 1,510 new cases (increasing)

- ✓ Specific data for Key Colony Beach- wastewater sampling (data through 16Au23):
 - Total KCB specific wastewater samples collected and analyzed to date - 40.
 - Plot comparison (last 90 days) below vs. other Florida counties and the US overall avg.:



- ✓ Mpox virus (Monkeypox) virus in Wastewater samples:
 - KCB specific samples to-date have shown no detection of the Mpox virus for Key Colony Beach
- ✓ Update on status for the overall CDC funding to support wastewater sampling program:
 - Still awaiting delivery of samples for August, last sample analysis completed 09Au23, awaiting tracking information of shipment.
 - CDC has authorized funding the program through September 15, 2023

Summary Report by Tom Harding, based on Biobot/CDC/State of Florida data through 18Au23.