

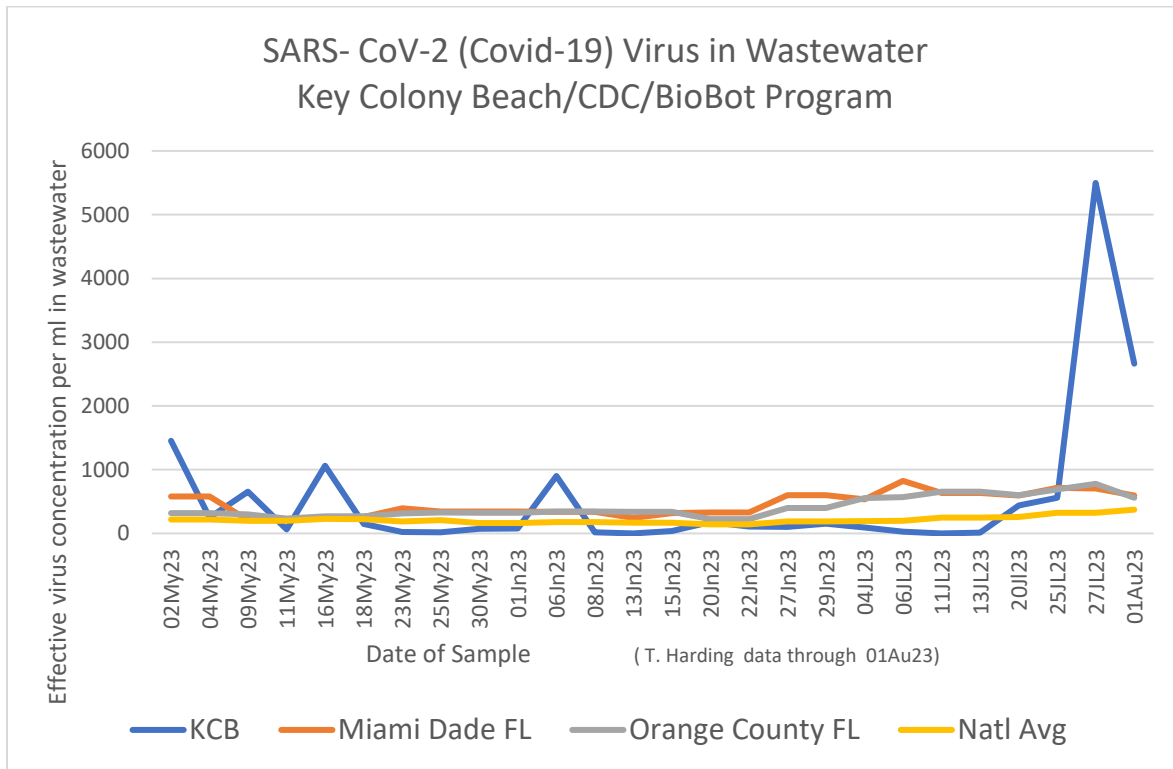
City of Key Colony Beach

Wastewater Sampling Update for Concern Virus's – August 07, 2023

✓ SARS-CoV-2 Virus – Covid -19

- General overview data from CDC and Florida Dept of Health websites:
 - CDC Hospitalizations Summary – 303 cases, -5.9% decrease (Broward, Miami-Dade, and Monroe County data together, data through 22JL23).
 - Florida Department of Health Weekly Situation Report (data for week 28JL23 – 03JL23) _
 - Overall State of Florida – 15,170 new cases (increasing)
 - Monroe County - 44 new cases (increasing)
 - Dade County – 2,574 new cases (increasing)
 - Broward County – 1,267 new cases (increasing)

- ✓ Specific data for Key Colony Beach- wastewater sampling (data through 29JL23):
 - Total KCB specific wastewater samples collected and analyzed to date - 38.
 - Plot comparison (last 90 days) below vs. other Florida counties and the US overall avg.: KCB listed as Increasing Trend for this week due to the two recent samples showing an increase in SARS-CoV-2 rates:



- ✓ 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:
 - August sample kits were mailed this week to KCB.
 - The utility board has not yet approved sample KCB local collection costs for August/September, planned to be reviewed at the next board meeting.

Summary Report by Tom Harding, based on Biobot/CDC data with results received through 06Au23.