

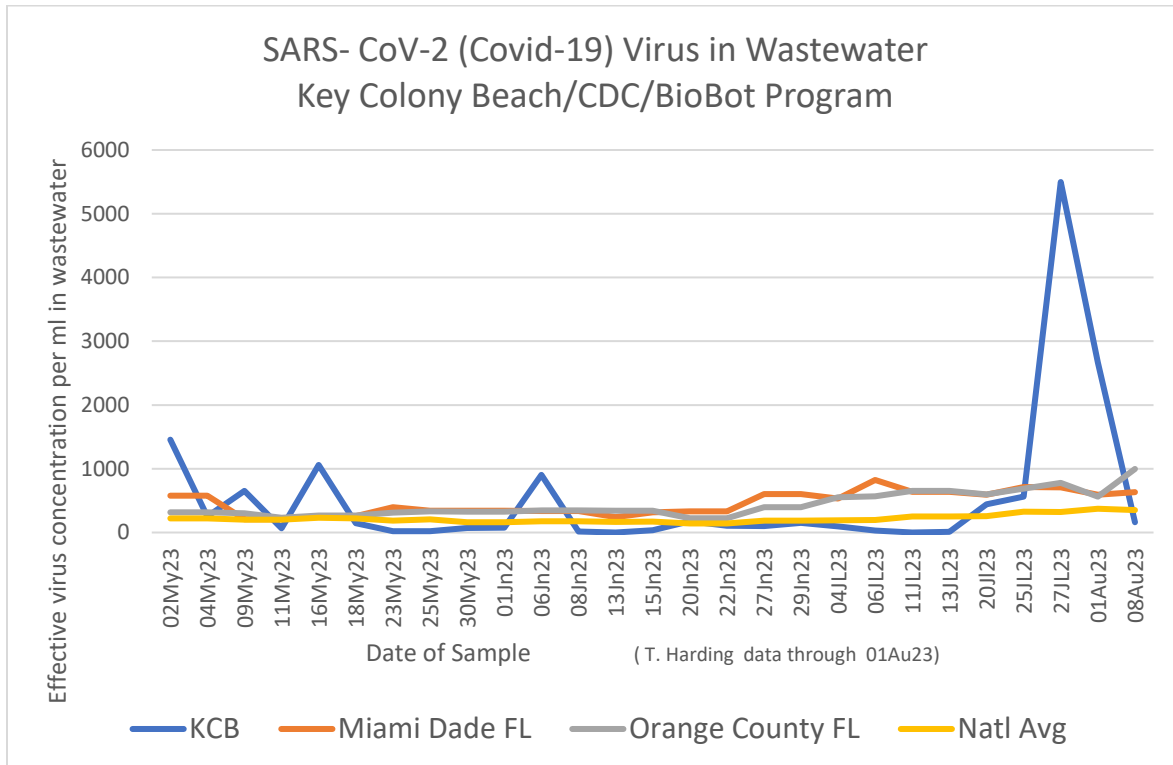
City of Key Colony Beach

Wastewater Sampling Update for Concern Virus's – August 14, 2023

✓ SARS-CoV-2 Virus – Covid -19

- General overview data from CDC and Florida Dept of Health websites:
  - CDC Hospitalizations Summary – 352 cases, 16.2% increase (Broward, Miami-Dade, and Monroe County data together, data through 29JL23).
  - CDC Death rates due to Covid-19 in the last week for Florida, 2.9%, a 45% increase from last week.
  - Florida Department of Health Weekly Situation Report (data for week 28JL23 – 03Au23) – No update for this week, since data is released every 2 weeks.
    - 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 08Au23):
  - Total KCB specific wastewater samples collected and analyzed to date - 39.
  - 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:
  - Awaiting August kit deliveries to KCB, delay due to program funding decisions.
  - CDC has authorized funding the program through September 15, 2023, with additional sample kits to be shipped on August 21, 2023, 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 11Au23