

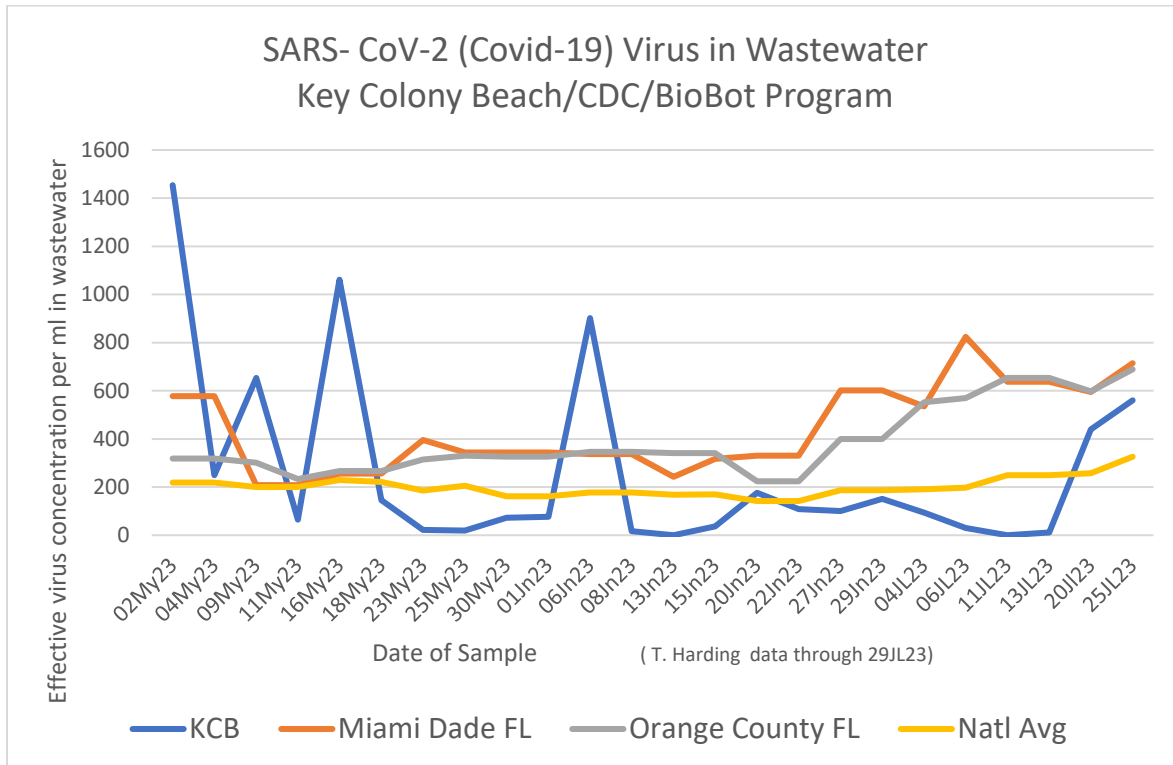
City of Key Colony Beach

Wastewater Sampling Update for Concern Virus's – July 31, 2023

✓ SARS-CoV-2 Virus – Covid -19

- General overview data from CDC and Florida Dept of Health websites:
 - CDC Hospitalizations Summary – 312 cases, 9.5% increase (Broward, Miami-Dade, and Monroe County data together, data through 15JL23).
 - Florida Department of Health Weekly Situation Report (data for week 14JL23 – 20JL23) _
 - Overall State of Florida - 9,942 new cases
 - Monroe County - 25 new cases
 - Dade County – 1,695 new cases
 - Broward County – 841 new cases

- ✓ Specific data for Key Colony Beach- wastewater sampling (data through 29JL23):
 - Total KCB specific wastewater samples collected and analyzed to date - 36.
 - Plot comparison (last 90 days) below vs. other Florida counties and the US overall avg.:



- ✓ Mpxox virus (Monkeypox) virus in Wastewater samples:
 - KCB specific samples to-date (29JL23) have shown no detection of the Mpxox virus for Key Colony Beach
- ✓ Update on status for the overall CDC funding to support wastewater sampling program:
 - The current program with CDC and contractor Biobot ended on 28JL23.
 - CDC is in negotiations for new contracts, and it is expected the wastewater program will be extended with details to follow.
 - A new contract has not been announced yet by the CDC, however August sample kits are being mailed this week, which will result in a 1 week gap in collecting data.

Summary Report by Tom Harding, based on Biobot/CDC data with results received through 29JL23.