

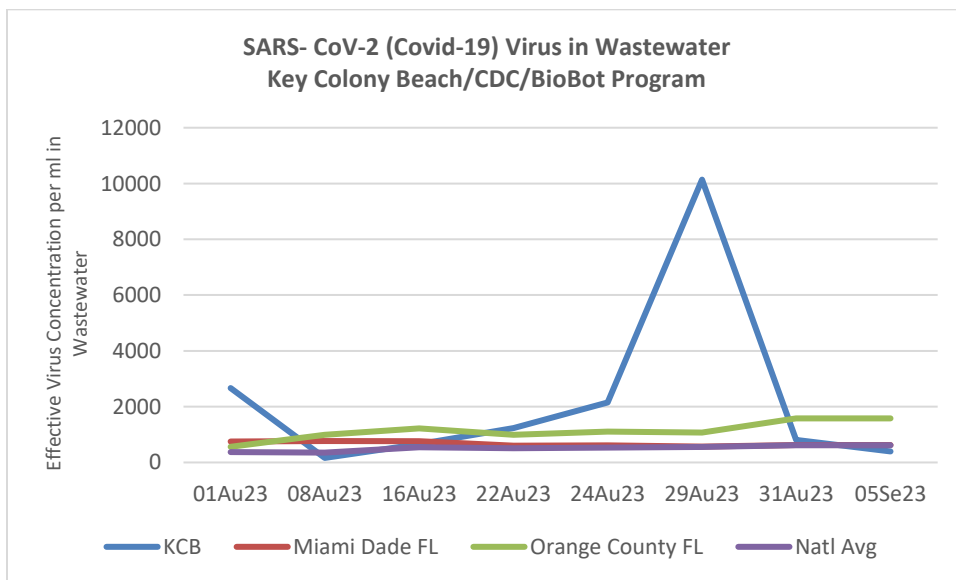
City of Key Colony Beach

Wastewater Sampling Update for Concern Virus's – September 11, 2023

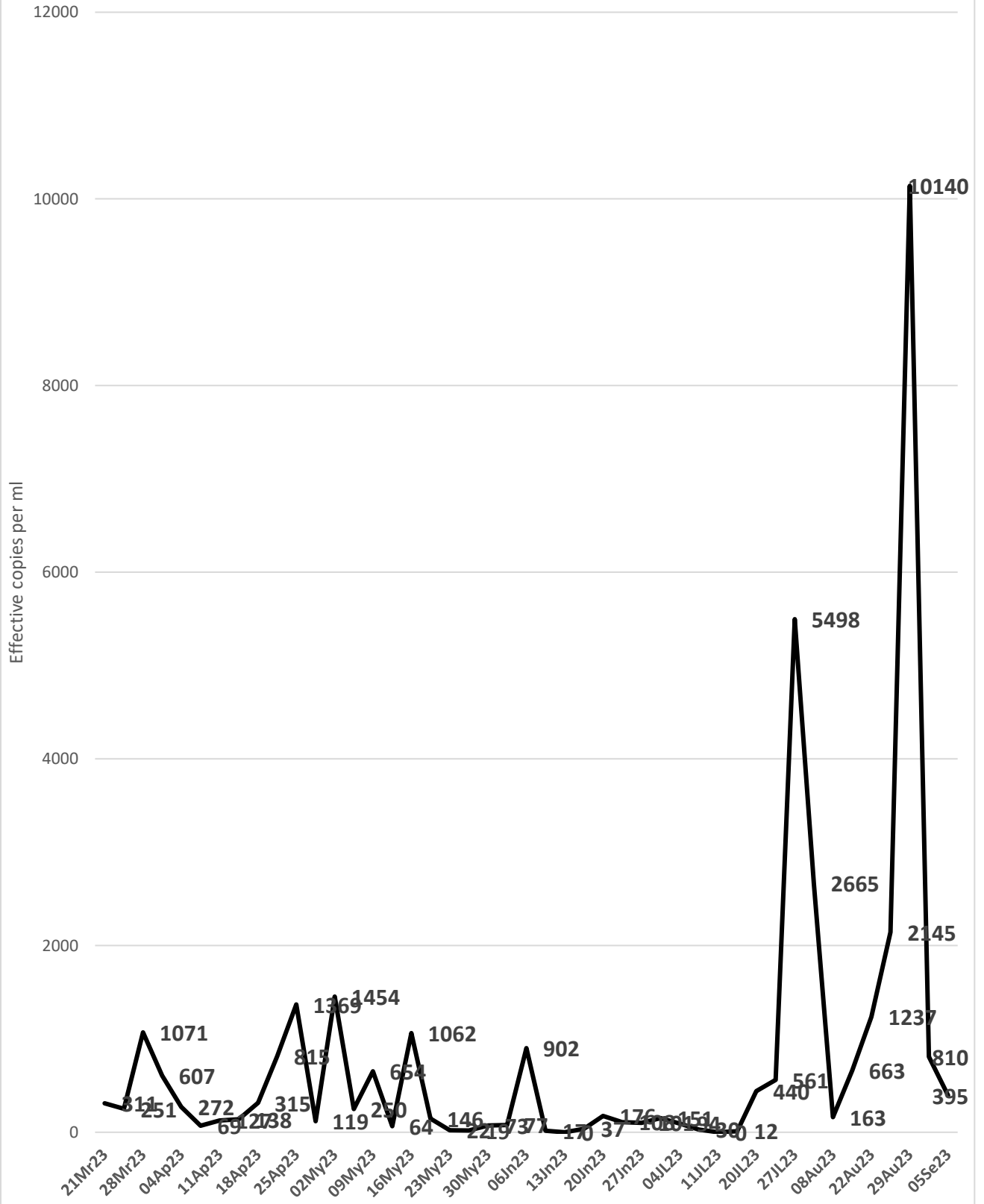
✓ SARS-CoV-2 Virus – Covid -19

- General overview data from CDC and Florida Dept of Health websites:
  - CDC Hospitalizations Summary – 468 cases, 14.1% increase (Broward, Miami-Dade, and Monroe County data together, data through 26Au23).
  - CDC Death rates due to Covid-19 in the last week for Florida, 3.5%, a - 2.8% decrease from last week (data through 02Se23)
  - Florida Department of Health Weekly Situation Report (data for week 25Au23 – 31Au23). **No update from last week, data released every two weeks:**
    - Overall State of Florida – 23,960 new cases (increasing)
      - Monroe County - 66 new cases (slight increase)
      - Dade County – 3,304 new cases (increasing)
      - Broward County – 1,775 new cases (increasing)

- ✓ Specific data for Key Colony Beach- wastewater sampling (data through 05Se23):
  - Total KCB specific wastewater samples collected and analyzed to date - 45.
    - **KCB rate decreasing this last week.**
  - Plot comparison below vs. other Florida counties and the US overall avg.:



### Key Colony Beach Effective SARS-CoV-2 Virus Concentration



- ✓ 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:
  - CDC has authorized funding the program through September 15, 2023

Summary Report by Tom Harding, based on Biobot/CDC/State of Florida data through 10Se23.