SUMMARY

There were 44 reported site visits in the past seven days, with 48 samples collected. Algal bloom conditions were observed by samplers at 28 sites.

On 5/2, Lee County staff collected samples on the Caloosahatchee River at Alva Boat Ramp and Caloosahatchee River at Davis Boat Ramp. Neither sample had a dominant algal taxon or cyanotoxins detected.

On 5/2, South Florida Water Management District (SFWMD) staff collected a sample from Caloosahatchee River at Alva, and had no dominant algal taxon or cyanotoxins detected.

On 4/25 – 4/28, DEP staff collected samples from Lake Wauberg (Seminole County) and Lake George (Lee County). Both samples were dominated by Microcystis aeruginosa and had trace levels (0.58 ppb and 1.2 ppb, respectively) of microcystins detected.

We advise staying out of water where algae is visibly blooming and on the shoreline.

There were 48 reported site visits in the past seven days, with 48 samples collected. Algal bloom conditions were observed by samplers at 28 sites.

On 5/2 – 5/5, Florida Department of Environmental Protection (DEP) staff collected a filamentous algae sample at Lake Okeechobee, Lake Hamilton, Manatee River – Aquatel Rd., Lake Wauberg, Josephine Creek, Lake Kathy, Lake Griffin (Seminole County) and Lake Munson. The Swimmable Pen sample was dominated by *Lyngbya* and had no cyanotoxins detected. The Doctors Lake sample was dominated by *Dolichospermum orbiculare* and had no cyanotoxins detected. The Lemon Bay – Indian Mound Park Boat Ramp sample was dominated by *Nodularia spumigena* and had trace levels (0.1 ppb) of microcystins detected. The Orange Lake – McIntosh Bay sample was dominated by *Microcystis aeruginosa* and microcystin results are pending. 183rd Canal – Cross Creek Rd. sample was dominated by *Microcystis aeruginosa* and had 2.1 ppb of microcystins detected. The Lake Wauburg sample was co-dominated by *Microcystis aeruginosa* and *Microcystis wesenbergii*, and had no cyanotoxins detected.

Last Week

On 4/25 – 4/28, DEP staff collected samples from Lake Pierce, Reedy Lake, Lake Hamilton, Manatee River – Aquatel Rd, and Lake Hancock. The Lake Pierce, Reedy Lake and Lake Hancock samples were dominated by *Microcystis aeruginosa* and had no cyanotoxins detected. The Lake Hamilton sample had no dominant algal taxon and had no cyanotoxins detected. The Manatee River – Aquatel Rd. sample had no cyanotoxins detected. The Orange Lake – McIntosh Bay sample was dominated by *Microcystis aeruginosa* and *Microcystis wesenbergii*, and had trace levels (0.99 ppb) of microcystins detected. The Orange Lake – McIntosh Bay sample was dominated by *Microcystis aeruginosa* and *Microcystis wesenbergii* and had trace levels (1.5 ppb) of microcystins detected. The Josephine Creek, Lake Kathy, Lake Griffin (Seminole County) and Lake Munson analysis results are still pending.

On 4/21, Southwest Florida Water Management District (SWFWMD) staff collected a sample from Lake Pantasofflexe – South Side. The sample was dominated by *Microcystis aeruginosa* and had no cyanotoxins detected.

Site visits for blue-green algae

No (20)

Yes (28)