SUMMARY

There were 26 reported site visits in the past seven days, with 25 samples collected. Algal bloom conditions were observed by samplers at six of the sites.

On 10/25-26, South Florida Water Management District staff collected samples from the S66 structure on the Kissimmee River, the S77 structure on the C43 Canal, the S80 structure on the C44 Canal and at the Pahokee Marina boat ramp. The samples had no dominant taxon and no cyanotoxins detected.

On 10/25-27, St. Johns River Water Management District visited nine sites and collected eight routine HAB and response samples. Lake Jesup was dominated by Cylindrospermopsis raciborskii and had trace levels of both microcystins (0.25 parts per billion (ppb)) and cylindrosperminopin (0.26 ppb) detected. Crescent Lake samples from South Side of City Dock and the mouth of Dunns Creek were both dominated by Microcystis aeruginosa and had trace levels (0.64 ppb and 0.43 ppb) of microcystins detected, respectively. The St. Johns River at Mandarin Point and Lake George samples were dominated by Microcystis aeruginosum and had no cyanotoxins detected. The remaining three samples had no dominant taxon and no cyanotoxins detected.

On 10/25-28 DEP staff collected 12 samples. There was no dominant taxon in all samples for which results are available. Only the St. Johns River - St. Johns Marina, Jacksonville and Lake Emerald samples had a trace level (0.27 ppb and 0.41 ppb) of microcystins detected, respectively. Results are pending for two samples.

On 10/26, Southwest Florida Water Management District collected a sample from Lake Panasoffkee. The sample was dominated by Microcystis aeruginosum and had a trace level (0.26 ppb) of microcystins detected.

Results for completed analyses are available and posted at FloridaDEP.gov/AlgalBloom.