SUMMARY

There were 55 site reports in the past seven days (6/4-6/10), with 53 samples collected. Algal bloom conditions were reported by the samplers at 28 of the sites.

On 6/8 and 6/10, Florida Department of Environmental Protection (DEP) staff collected water samples at 54 locations in the area near Port Manatee in Tampa Bay in response to the Piney Point emergency release. Cyanotoxins were not detected in the 6/8 samples, and the 6/10 sample results are pending.

On 6/7, South Florida Water Management District (SFWMD) staff collected samples from C4 Canal – S77 (upstream) and Lake Okeechobee – FEBOUT. On 6/8, Highlands County staff collected a sample from Dead River – Residential Canal South of US 441. On 6/8 and 6/9, SFWMD staff collected samples from Lake Okeechobee – FEBOUT and Lake Okeechobee – FEBIN. The C4 Canal – S77 (upstream) and C-E3 Canal – S60 (lakeside) samples were both dominated by Microcystis aeruginosa and had trace levels (0.33 ppb and 0.37 ppb) of microcystins detected, respectively. Neither the Lake Okeechobee – FEBOUT nor FEBIN samples were dominated by any cyanotoxin species detected.

On 6/8 and 6/10, Florida Department of Environmental Protection (DEP) staff collected water samples at the following stations: Dead River – Residential Canal South of US 441; Lake Okeechobee – FEBOUT; Lake Okeechobee – FEBIN; Lake Okeechobee – S308 (touch); Lake Okeechobee – S308 (canal side); North Fork – Poinciana Park; Caloosahtche Estuary – S154 (upstream); Lake Okeechobee – S308 (lakeside); and Palm Outfall – 1. The sample was co-dominated by Microcystis aeruginosa and Microcystis wesenbergii and had a trace level (0.30 ppb) of microcystins detected.

On 6/7, South Florida Water Management District (SFWMD) staff collected samples from Dead River – Residential Canal South of US 441; Lake Okeechobee – FEBOUT and Lake Okeechobee – FEBIN. The C4 Canal – S77 (upstream) and C-E3 Canal – S60 (lakeside) samples were both dominated by Microcystis aeruginosa and had trace levels (0.33 ppb and 0.37 ppb) of microcystins detected, respectively. Neither the Lake Okeechobee – FEBOUT nor FEBIN samples were dominated by any cyanotoxin species detected.

On 6/3, DEP staff collected samples at Dead River – Residential Canal South of US 441; Lake Okeechobee – FEBOUT and Lake Okeechobee – FEBIN. The C4 Canal – S77 (upstream) and C-E3 Canal – S60 (lakeside) samples were both dominated by Microcystis aeruginosa and had trace levels (0.33 ppb and 0.37 ppb) of microcystins detected, respectively. Neither the Lake Okeechobee – FEBOUT nor FEBIN samples were dominated by any cyanotoxin species detected.

This is a high-level summary of the sampling events for the reported week. For all field visit and analytical result data, please visit ProtectingFloridaTogether.gov/Declarations/Update. For daily updates and sampling data results, please visit FloridaHealth.gov/.