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Subject: Lower St. Johns River Algal Toxin Screening Results July 21 - 25, 2011

Analysis results for the cyanotoxin microcystin, in samples collected in the lower St. Johns River, July 21 - 25, 2011. Samples were collected during the routine ambient monitoring program by the St. Johns River Water Management District.

Microcystin concentrations have increased slightly since the previous sampling excursion 2 weeks ago, with levels above detection limit at several locations, but are still well below recommended action thresholds for recreational use.

| Station I.D. | Collection Date | Collection Time and/or Description | Concentration Microcystin (ppb) |
|---|-----------------|------------------------------------|---------------------------------|
| Outlet of Lake George (LG12) | 110721 | 1120 | 0.43 |
| St. Johns R. at Racy Pt. (SRP) | 110725 | 1045 | 0.17 |
| St. Johns River at Shands Bridge (SJSR16) | 110725 | 900 | 0.82 |
| St. Johns R. at Highway 40, Astor (SJR40) | 110721 | 830 | 1.64 |
| Crescent Lake near Outlet (CRESLM) | 110721 | 1440 | 0.56 |
| Northern Lake George, at Channel Marker 4&5 (LEO) | 110721 | 1050 | 0.58 |

We plan to conduct sampling in this reach of the river again in two weeks, and will have another report available shortly thereafter.

* Microcystin analysis performed with the Envirologix EP 022by Enzyme-Linked Immunosorbent Assay (ELISA) Kit; Minimum detection limit = 0.16 parts per billion. Analysis performed by Lake Superior State University Environmental Laboratory.

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