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**Subject:** Lower St. Johns River Algal Toxin Screening Results August 3 - 11, 2011

Results for the cyanotoxin microcystin, in samples collected in the lower St. Johns River, August 3 - 11, 2011, during the routine ambient monitoring by the St. Johns River Water Management District.

Microcystin is present but at low levels, with peak concentrations in the river between Shands Bridge and Julington Creek. Concentrations are still well below recommended action thresholds for recreational use.

Station I.D.	Collection Date	Collection Time and/or Description	Concentration Microcystin (ppb)
SJR near Switzerland (30 05' 21.1" 81 40' 50.6")	8/3/11	14:05	0.77
St. Johns R. at Racy Pt. (SRP)	8/9/11	8:25	0.22
St. Johns River at Shands Bridge (SJSR16)	8/9/11	10:25	1.24
St. Johns R. at Hibernia Pt. (SJRHBP)	8/10/11	7:55	1.80
Crescent Lake near Outlet (CRESLM)	8/11/11	9:20	0.38

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 Enviroligix 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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