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**Subject:** Algal Toxin Screening Results July 7 - 13, 2011

Analysis results for the cyanotoxin microcystin, in samples collected in the lower St. Johns River, July 7 - 13, 2011. Samples were collected during the routine ambient monitoring program by the St. Johns River Water Management District.

Microcystin concentrations are well below any recommended action thresholds for recreational use.

<b>I.D.</b>	<b>Description</b>	<b>Collection Date</b>	
	<b>Microcystin* Concentration, ppb.</b>		
LEO 0.16	Lake George North End near CM 5	7/7/11	<
SJR40	St. Johns River at State Rd. 40, abv. L. George	7/7/11	< 0.18
SAVORLDI 0.16	SJR at Orangedale, east shore, north of Shands Bridge	7/11/11	<
DTL 0.16	Doctor's Lake Center	7/13/11	<
MP72 0.16	St. Johns at Mandarin Point	7/13/11	<

Though Lake George continues to exhibit a dense blue green bloom, bloom density has remained relatively low in the Lower St. Johns River north of Palatka.

The next ambient freshwater sampling for water quality and cyanotoxins is planned for the upcoming week, July 5 – 7.

\* 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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