

COLLIER COUNTY RED TIDE UPDATE

Date: Monday, June 2, 2014

Provided by: Collier County Natural Resources Department

Current Conditions: One sample collected at Seagate showed background levels of red tide. No red tide was present at any of the other beaches sampled.

Forecast: No red tide impacts are expected at this time.

The next sampling event will be June 16, 2014.

To report dead fish or red tide symptoms, please call the Collier County Natural Resources Dept. at (239) 252-2502. To speak to a health professional regarding red tide symptoms call the Florida Poison Information Center toll free at 1-800-222-1222.

Collier County Red Tide Updates are also available on the Red Tide Hotline at (239) 252-2591. This is an automated recording with the most recent Red Tide information for Collier County available 24 hours a day, 7 days a week. Visit www.colliergov.net/redtideupdate for more red tide information.

Collier County Red Tide Update			
Sample Date	Location	*Results	Sampling Agency
06/02/2014	Vanderbilt Beach	NOT PRESENT	Dept of Health
06/02/2014	Seagate	BACKGROUND	Dept of Health
06/02/2014	Naples Pier	NOT PRESENT	Dept of Health
06/02/2014	South Marco Beach	NOT PRESENT	Dept of Health

KEY TO RED TIDE LEVELS—Table provided by Florida Wildlife Research Institute(FWRI)		
Description	<i>Karenia brevis</i> cells/L	Possible Effects (<i>Karenia brevis</i> only)
NOT PRESENT – BACKGROUND	0 – 1,000	None anticipated
VERY LOW	>1,000 – 10,000	Possible respiratory irritation; shellfish harvesting closures ≥ 5,000 cells/L
LOW	>10,000 – 100,000	Respiratory irritation; possible fish kills and bloom chlorophyll probably detected by satellites at upper range

MEDIUM	>100,000 – 1,000,000	Respiratory irritation and probable fish kills
HIGH	>1,000,000	As above plus discoloration