

Trigger Levels for Human and Animal Health				
Criteria*	No Advisory ^a	CAUTION (TIER 1)	WARNING (TIER 2)	DANGER (TIER 3)
Total Microcystins ^b	< 0.8 µg/L	0.8 µg/L	6 µg/L	20 µg/L
Anatoxin-a	Non-detect ^c	Detected ^c	20 µg/L	90 µg/L
Cylindrospermopsin	< 1 µg/L	1 µg/L	4 µg/L	17 µg/L
Cell Density of potential toxin producers	< 4,000 cells/mL	4,000 cells/mL	_____	_____
Site-specific indicator(s)	No site-specific indicators present	Discoloration, scum, algal mats, soupy or paint-like appearance. Suspected illness	_____	_____

* Action levels are met when one or more criteria are met.

^a For de-posting, all criteria for no advisory must be met for a minimum of 2 weeks. General awareness sign may remain posted and healthy water habits are still recommended.

^b Microcystins refers to the sum of all measured Microcystin congeners.

^c Must use an analytical method that detects ≤ 1µg/L Anatoxin-a.

Response Decision Tree for Planktonic Blooms



*Reports are submitted online at: <https://mywaterquality.ca.gov/habs/do/bloomreport.html>
May 2020