

## How Often Did Clear Lake Cyanotoxin Monitoring Sites Exceed the Microcystin Threshold for Potential Health Risks?

*0.8 micrograms per Liter ( $\mu\text{g/L}$ ) is the CCHAB recommendation for public notification of microcystin cyanotoxins at potential health risk levels  
[http://www.mywaterquality.ca.gov/monitoring\\_council/cyanohab\\_network/docs/triggers.pdf](http://www.mywaterquality.ca.gov/monitoring_council/cyanohab_network/docs/triggers.pdf)*

SAMPLING SITE ID	ARM OF LAKE	PERCENTAGE OF TIMES SITE EXCEEDED 0.8 $\mu\text{g/L}$ EACH YEAR (PUBLIC NOTIFICATION THRESHOLD FOR MICROCYSTIN)					HIGHEST MICROCYSTIN LEVEL RECORDED AT EACH SITE EACH YEAR *				
		2014	2015	2016	2017	2018	2014	2015	2016	2017	2018
BVCL6	U	17%, n=6	0%, n=20	0%, n=9	0%, n=8	0%, n=11	1.2	ND	0.14	0.21	ND
CLV7	U	86%, n=7	0%, n=13	0%, n=9	13%, n=8	9%, n=11	105	ND	0.34	3.5	13
M4	U	33%, n=6	0%, n=14	not sampled	not sampled	not sampled	8.3	ND	not sampled	not sampled	not sampled
LPTNT	U	83%, n=6	0%, n=12	0%, n=9	0%, n=8	0%, n=11	877.6	ND	0.17	0.14	ND
RODS	U	not sampled	0%, n=12	0%, n=9	0%, n=8	0%, n=9	not sampled	ND	0.15	0.11	ND
CP	U	not sampled	0%, n=11	0%, n=9	0%, n=9	11%, n=9	not sampled	ND	0.16	ND	2.9
LS	U	not sampled	0%, n=11	0%, n=9	not sampled	not sampled	not sampled	Trace	0.11	not sampled	not sampled
LS2	U	not sampled	not sampled	not sampled	0%, n=3	0%, n=10	not sampled	not sampled	not sampled	0.12	0.11
LUC01	U	67%, n=6	0%, n=13	0%, n=9	0%, n=8	0%, n=11	13	ND	0.14	ND	ND
HB	U	not sampled	0%, n=9	0%, n=8	0%, n=8	0%, n=10	not sampled	Trace	0.12	0.35	0.16
KP01	U	not sampled	0%, n=12	0%, n=9	0%, n=8	11%, n=9	not sampled	ND	0.15	0.34	4
ELEM01	O	50%, n=4	29%, n=14	not sampled	0%, n=7	27%, n=11	4.4	18.7	not sampled	0.38	4.9
SBMMELO1	O	100%, n=7	20%, n=10	0%, n=9	25%, n=8	10%, n=10	5,311.70	278	0.67	2.4	4,880
CLOAKS01	O	100%, n=7	31%, n=16	0%, n=9	13%, n=8	20%, n=10	16,920	21	0.16	46.00	480
GH	O	not sampled	not sampled	not sampled	0%, n=6	0%, n=10	not sampled	not sampled	not sampled	0.2	0.13
BP	L	not sampled	27%, n=11	0%, n=9	13%, n=8	0%, n=11	not sampled	9.4	0.16	1.3	0.36
RP	L	not sampled	33%, n=10	0%, n=9	13%, n=8	17%, n=6	not sampled	134	0.13	1.2	25
SHADY01	L	not sampled	40%, n=10	0%, n=9	0%, n=8	27%, n=11	not sampled	36.1	0.34	0.39	8.7
RED01	L	not sampled	33%, n=12	0%, n=9	0%, n=8	20%, n=10	not sampled	65.5	0.28	0.44	24
AP01	L	100%, n=9	41%, n=17	0%, n=9	0%, n=9	9%, n=11	769.2	10,162	0.21	0.52	230
JB	L	not sampled	not sampled	0%, n=9	0%, n=8	not sampled	not sampled	not sampled	0.19	0.34	not sampled

*n = number of times sampled*

*\* = in  $\mu\text{g/L}$*

Big Valley Rancheria EPA and Elem Indian Colony EPA 2014 to 2018 Health Threshold Exceedances  
<https://www.bvrancheria.com/clearlakecyanotoxins>