

Bend Genetics, LLC
87 Scripps Drive, Ste. 301
Sacramento, CA 95825
Tel: (916) 550-1048

Date: 9/18/2018

Subject: Cyanobacteria testing results

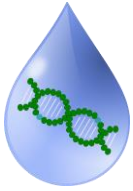
From: Tim Otten, Laboratory Director

To: Greg Hoover
Tahoe Keys Property Owners Association

Attached are the testing results for ELISA analyses conducted on four samples collected from the Tahoe Keys on 9/12/2018. These data have been reviewed and are considered final.

Analyses included in this report:

- Quantification of specific cyanobacterial toxins (anatoxin-a and microcystin/nodularin) using enzyme linked immunosorbent assay (ELISA).

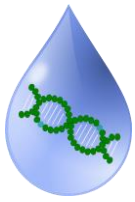


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Project: SWAMP_FHAB_2018
Analysis for Toxigenic Cyanobacteria
Project #: Tahoe Keys POA
Reported: 9/18/2018 13:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	BG_ID	Date Collected	Date Received	Matrix	Preserved
CY-08-16	TK43	9/12/2018 13:30	9/14/2018 9:00	Water	N
CY-08-LFAJ	TK44	9/12/2018 13:50	9/14/2018 9:00	Water	N
CY-08-14	TK45	9/12/2018 14:10	9/14/2018 9:00	Water	N
CY-08-06	TK46	9/12/2018 14:25	9/14/2018 9:00	Water	N

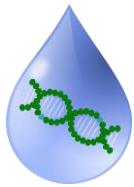


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SAMPLE RESULTS

Sample ID	Method	Target	Result	Units	Quantitation Limit	Notes
CY-08-16	ELISA	Anatoxin-a	0.28	µg/L	0.15	
CY-08-16	ELISA	Microcystin/Nod.	0.12	µg/L	0.15	C1,J
CY-08-LFAJ	ELISA	Anatoxin-a	ND	µg/L	0.15	U
CY-08-LFAJ	ELISA	Microcystin/Nod.	ND	µg/L	0.15	U
CY-08-14	ELISA	Anatoxin-a	ND	µg/L	0.15	U
CY-08-14	ELISA	Microcystin/Nod.	0.19	µg/L	0.15	
CY-08-06	ELISA	Anatoxin-a	ND	µg/L	0.15	U
CY-08-06	ELISA	Microcystin/Nod.	0.18	µg/L	0.15	



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QUALITY CONTROL

Method	Analyte	Result	Qualifiers / Comments	Units	Spike Level	%REC	%REC Limits
ELISA	ATX - Blank	ND	U	µg/L	0		
ELISA	ATX - Positive	0.68		µg/L	0.75	90.4	70-130
ELISA	ATX - Matrix Sp	1.36		µg/L	1.25	109.0	70-130
ELISA	MC - Blank	ND	U	µg/L	0		
ELISA	MC - Positive	0.70		µg/L	0.75	93.8	70-130
ELISA	MC - Matrix Sp	0.95		µg/L	1.00	94.8	70-130

QUALIFIERS/COMMENTS/NOTES

- C1 The reported concentration for this analyte is below the quantification limit.
- C2 The reported concentration for this analyte is above the calibration range of the instrument.
- J The reported result for this analyte should be considered an estimated value.
- U Undetected