

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

**Date:** 9/5/2018

**Subject:** Cyanobacteria testing results

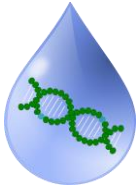
**From:** Tim Otten, Laboratory Director

**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 8/29/2018. 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).

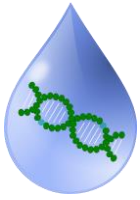


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**Project:** SWAMP\_FHAB\_2018  
Analysis for Toxigenic Cyanobacteria  
**Project #:** Tahoe Keys POA  
**Reported:** 9/5/2018 14:55

<b>ANALYTICAL REPORT FOR SAMPLES</b>
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<b>Sample ID</b>	<b>BG_ID</b>	<b>Date Collected</b>	<b>Date Received</b>	<b>Matrix</b>	<b>Preserved</b>
CY-07-06	TK39	8/29/2018 15:30	8/31/2018 9:10	Water	N
CY-07-14	TK40	8/29/2018 15:05	8/31/2018 9:10	Water	N
CY-07-16	TK41	8/29/2018 14:00	8/31/2018 9:10	Water	N
CY-04-LFAJ	TK42	8/29/2018 14:30	8/31/2018 9:10	Water	N

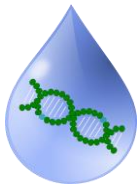


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**SAMPLE RESULTS**

Sample ID	Method	Target	Result	Units	Quantitation Limit	Notes
CY-07-06	ELISA	Anatoxin-a	0.16	µg/L	0.15	
CY-07-06	ELISA	Microcystin/Nod.	ND	µg/L	0.15	U
CY-07-14	ELISA	Anatoxin-a	ND	µg/L	0.15	U
CY-07-14	ELISA	Microcystin/Nod.	ND	µg/L	0.15	U
CY-07-16	ELISA	Anatoxin-a	0.17	µg/L	0.15	
CY-07-16	ELISA	Microcystin/Nod.	ND	µg/L	0.15	U
CY-04-LFAJ	ELISA	Anatoxin-a	ND	µg/L	0.15	U
CY-04-LFAJ	ELISA	Microcystin/Nod.	ND	µg/L	0.15	U



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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	0.74		µg/L	0.75	98.6	70-130
ELISA	ATX - Matrix Sp	1.30		µg/L	1.25	103.6	70-130
ELISA	MC - Blank	ND	U	µg/L	0		
ELISA	MC - Positive	0.68		µg/L	0.75	91.2	70-130
ELISA	MC - Matrix Sp	0.80		µg/L	1.00	79.9	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