

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

Date: 12/13/2021

Subject: Cyanobacteria testing results – Agreement# 19-001-270

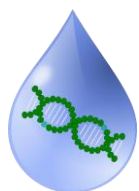
From: Tim Otten, Laboratory Director

To: Marisa Van Dyke, Freshwater HABS Program Manager
State Water Resources Control Board - Information Management & Quality Assurance

Testing results are attached for ELISA analyses conducted on one sample collected from Discovery Bay Yacht Harbor (RB5; c/o Janis Cooke) on 11/19/2021. All data have been reviewed and are considered final. An EDD report summarizing these data will be submitted to the State Water Board within 40 days of receipt of the data template.

Analyses included in this report:

- Quantification of total anatoxin-a and microcystin/nodularin by enzyme linked immunosorbent assay (ELISA).



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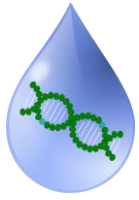
Project: SWAMP_FHAB_2021
Analysis for Toxigenic Cyanobacteria

Project #: 19-001-270

Reported: 12/13/2021 14:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Location	Date Collected	Date Received	Matrix	Preserved	BG_ID
SWPJC211119	Discovery Bay YH	11/19/2021 13:00	12/7/2021 15:20	Water	N	WB2742

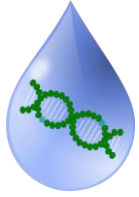


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SAMPLE RESULTS

Sample ID	Method	Target	Result	Quantitation		Notes
				Limit	Units	
SWPJC211119	ELISA	Anatoxin-a	ND	0.15	µg/L	U
SWPJC211119	ELISA	Microcystin/Nod.	2.12	0.15	µg/L	



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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	0.71		µg/L	0.75	94.6	70-130
ELISA	ATX - Matrix Sp	1.39		µg/L	1.25	111.0	70-130
ELISA	MC - Blank	ND	U	µg/L	0		
ELISA	MC - Positive	0.84		µg/L	0.75	111.8	70-130
ELISA	MC - Matrix Sp	1.24		µg/L	1.15	108.2	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