



**United States Environmental Protection Agency
Region 9 Laboratory**

1337 S. 46th Street Building 201
Richmond, CA 94804

Date: 7/31/2018

Subject: Analytical Testing Results - Project R18W07
SDG: 18205C

From: Peter Husby, Director
EPA Region 9 Laboratory
EMD-3-1

To: Susan Keydel
Watersheds Section
WTR-2-2

Attached are the results from the analysis of samples from the **FY2018 Cyanotoxins for California Lakes Waters** project. These data have been reviewed in accordance with EPA Region 9 Laboratory policy.

A full documentation package for these data, including raw data and sample custody documentation, is on file at the EPA Region 9 Laboratory. If you would like to request additional review and/or validation of the data, please contact Eugenia McNaughton at the Region 9 Quality Assurance Office.

If you have any questions, please ask for Richard Bauer, the Lab Project Manager at (510)412-2300.

Analyses included in this report:

Microcystin by ELISA



United States Environmental Protection Agency
Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager: Susan Keydel

Project Number: R18W07

Project: FY2018 Cyanotoxins for California Lakes
Waters

Watersheds Section

**75 Hawthorne Street
San Francisco CA, 94105**

SDG: 18205C

Reported: 07/31/18 10:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
Pittsburgh Yacht Club	1807033-01	Water	07/24/18 10:15	07/24/18 14:00
790 Beaver Ln	1807033-02	Water	07/24/18 11:20	07/24/18 14:00
1035 Discovery Bay Blvd	1807033-03	Water	07/24/18 11:30	07/24/18 14:00
1231 Discovery Bay Blvd	1807033-04	Water	07/24/18 11:45	07/24/18 14:00



**United States Environmental Protection Agency
Region 9 Laboratory**

1337 S. 46th Street, Building 201, Richmond, CA 94804
Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager: Susan Keydel	Watersheds Section	SDG: 18205C
Project Number: R18W07	75 Hawthorne Street	Reported: 07/31/18 10:17
Project: FY2018 Cyanotoxins for California Lakes Waters	San Francisco CA, 94105	

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1807033-01									Water - Sampled: 07/24/18 10:15
Sample ID: Pittsburgh Yacht Club									Microcystin by ELISA
Microcystin		3,500		150	ug/L	B18G074	07/26/18	07/26/18	ELISA
Lab ID: 1807033-02									Water - Sampled: 07/24/18 11:20
Sample ID: 790 Beaver Ln									Microcystin by ELISA
Microcystin		ND	U	0.15	ug/L	B18G063	07/25/18	07/25/18	ELISA
Lab ID: 1807033-03									Water - Sampled: 07/24/18 11:30
Sample ID: 1035 Discovery Bay Blvd									Microcystin by ELISA
Microcystin		4.0		0.60	ug/L	B18G074	07/26/18	07/26/18	ELISA
Lab ID: 1807033-04									Water - Sampled: 07/24/18 11:45
Sample ID: 1231 Discovery Bay Blvd									Microcystin by ELISA
Microcystin		0.11	C1, J	0.15	ug/L	B18G063	07/25/18	07/25/18	ELISA

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B18G063 - - General Biology - Microcystin by ELISA										
									Prepared & Analyzed: 07/25/18	
									Microcystin by ELISA - Quality Control	
Blank (B18G063-BLK1)										
Microcystin	ND	U	0.15	ug/L						
LCS (B18G063-BS1)										
Microcystin	0.67			ug/L	0.750		90	60-140		
Batch B18G074 - - General Biology - Microcystin by ELISA										
									Prepared & Analyzed: 07/26/18	
									Microcystin by ELISA - Quality Control	
Blank (B18G074-BLK1)										
Microcystin	ND	U	0.15	ug/L						
LCS (B18G074-BS1)										
Microcystin	0.68			ug/L	0.750		91	60-140		



United States Environmental Protection Agency
Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager: Susan Keydel

Watersheds Section

SDG: 18205C

Project Number: R18W07

75 Hawthorne Street

Reported: 07/31/18 10:17

Project: FY2018 Cyanotoxins for California Lakes
Waters

San Francisco CA, 94105

Qualifiers and Comments

J The reported result for this analyte should be considered an estimated value.

C1 The reported concentration for this analyte is below the quantitation limit.

U Not Detected

NR Not Reported

RE1, RE2, etc: Result is from a sample re-analysis.