



**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:**

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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



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

**Sample Results**

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
<b>Lab ID:</b> 1807033-01									<b>Water - Sampled: 07/24/18 10:15</b>
<b>Sample ID:</b> Pittsburgh Yacht Club									<b>Microcystin by ELISA</b>
Microcystin		3,500		150	ug/L	B18G074	07/26/18	07/26/18	ELISA
<b>Lab ID:</b> 1807033-02									<b>Water - Sampled: 07/24/18 11:20</b>
<b>Sample ID:</b> 790 Beaver Ln									<b>Microcystin by ELISA</b>
Microcystin		ND	U	0.15	ug/L	B18G063	07/25/18	07/25/18	ELISA
<b>Lab ID:</b> 1807033-03									<b>Water - Sampled: 07/24/18 11:30</b>
<b>Sample ID:</b> 1035 Discovery Bay Blvd									<b>Microcystin by ELISA</b>
Microcystin		4.0		0.60	ug/L	B18G074	07/26/18	07/26/18	ELISA
<b>Lab ID:</b> 1807033-04									<b>Water - Sampled: 07/24/18 11:45</b>
<b>Sample ID:</b> 1231 Discovery Bay Blvd									<b>Microcystin by ELISA</b>
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
<b>Batch B18G063 - - General Biology - Microcystin by ELISA</b>										
										<b>Prepared &amp; Analyzed: 07/25/18</b>
										<b>Microcystin by ELISA - Quality Control</b>
<b>Blank (B18G063-BLK1)</b>										
Microcystin	ND	U	0.15	ug/L						
<b>LCS (B18G063-BS1)</b>										
Microcystin	0.67			ug/L	0.750		90	60-140		
<b>Batch B18G074 - - General Biology - Microcystin by ELISA</b>										
										<b>Prepared &amp; Analyzed: 07/26/18</b>
										<b>Microcystin by ELISA - Quality Control</b>
<b>Blank (B18G074-BLK1)</b>										
Microcystin	ND	U	0.15	ug/L						
<b>LCS (B18G074-BS1)</b>										
Microcystin	0.68			ug/L	0.750		91	60-140		



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**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.