



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

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

Date: 9/4/2019

Subject: Analytical Testing Results - Project R19W04
WorkOrder: 1909001

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

To: Susan Keydel
Watersheds Section
WTR-3-2

Attached are the results from the analysis of samples from the **FY2019 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 Audrey Johnson 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



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

Project Manager: Susan Keydel

Watersheds Section

WorkOrder: 1909001

Project Number: R19W04

75 Hawthorne Street

Reported: 09/04/19 14:46

Project: FY2019 Cyanotoxins for California Lakes
Waters

San Francisco CA, 94105

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
South Newport Dr	1909001-01	Water	08/29/19 11:58	09/03/19 10:40
Driftwood Ct	1909001-02	Water	08/29/19 12:14	09/03/19 10:40
Fuel Pump	1909001-03	Water	08/29/19 12:40	09/03/19 10:40
Beaver Ln	1909001-04	Water	08/29/19 13:35	09/03/19 10:40
Boardwalk Grill	1909001-05	Water	08/29/19 10:15	09/03/19 10:40
Beaver Ct	1909001-06	Water	08/29/19 10:47	09/03/19 10:40
Indian Slough	1909001-07	Water	08/29/19 10:58	09/03/19 10:40
River Pt	1909001-08	Water	08/29/19 11:07	09/03/19 10:40
Cabrillo Bay	1909001-09	Water	08/29/19 11:20	09/03/19 10:40
Dune Point Ct	1909001-10	Water	08/29/19 11:33	09/03/19 10:40
Lighthouse Pl	1909001-11	Water	08/29/19 11:46	09/03/19 10:40



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Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1909001-01									Water - Sampled: 08/29/19 11:58
Sample ID: South Newport Dr									Microcystin by ELISA
Microcystin		0.19		0.15	ug/L	B19I011	09/04/19	09/04/19	ELISA
Lab ID: 1909001-02									Water - Sampled: 08/29/19 12:14
Sample ID: Driftwood Ct									Microcystin by ELISA
Microcystin		0.15		0.15	ug/L	B19I011	09/04/19	09/04/19	ELISA
Lab ID: 1909001-03									Water - Sampled: 08/29/19 12:40
Sample ID: Fuel Pump									Microcystin by ELISA
Microcystin		0.12	C1, J	0.15	ug/L	B19I011	09/04/19	09/04/19	ELISA
Lab ID: 1909001-04									Water - Sampled: 08/29/19 13:35
Sample ID: Beaver Ln									Microcystin by ELISA
Microcystin		0.16		0.15	ug/L	B19I011	09/04/19	09/04/19	ELISA
Lab ID: 1909001-05									Water - Sampled: 08/29/19 10:15
Sample ID: Boardwalk Grill									Microcystin by ELISA
Microcystin		0.14	C1, J	0.15	ug/L	B19I011	09/04/19	09/04/19	ELISA
Lab ID: 1909001-06									Water - Sampled: 08/29/19 10:47
Sample ID: Beaver Ct									Microcystin by ELISA
Microcystin		0.18		0.15	ug/L	B19I011	09/04/19	09/04/19	ELISA
Lab ID: 1909001-07									Water - Sampled: 08/29/19 10:58
Sample ID: Indian Slough									Microcystin by ELISA
Microcystin		0.30		0.15	ug/L	B19I011	09/04/19	09/04/19	ELISA
Lab ID: 1909001-08									Water - Sampled: 08/29/19 11:07
Sample ID: River Pt									Microcystin by ELISA
Microcystin		0.15		0.15	ug/L	B19I011	09/04/19	09/04/19	ELISA
Lab ID: 1909001-09									Water - Sampled: 08/29/19 11:20
Sample ID: Cabrillo Bay									Microcystin by ELISA
Microcystin		0.14	C1, J	0.15	ug/L	B19I011	09/04/19	09/04/19	ELISA
Lab ID: 1909001-10									Water - Sampled: 08/29/19 11:33
Sample ID: Dune Point Ct									Microcystin by ELISA
Microcystin		0.14	C1, J	0.15	ug/L	B19I011	09/04/19	09/04/19	ELISA
Lab ID: 1909001-11									Water - Sampled: 08/29/19 11:46
Sample ID: Lighthouse Pt									Microcystin by ELISA
Microcystin		0.12	C1, J	0.15	ug/L	B19I011	09/04/19	09/04/19	ELISA



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Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B191011 - ELISA - Microcystin by ELISA										
Prepared & Analyzed: 09/04/19										
Microcystin by ELISA - Quality Control										
Blank (B191011-BLK1)										
Microcystin	ND	U	0.15	ug/L						
LCS (B191011-BS1)										
Microcystin	0.65			ug/L	0.750		86	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.