



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

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

Date: 8/8/2019

Subject: Analytical Testing Results - Project R19W04
WorkOrder: 1908009

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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Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager: Susan Keydel	Watersheds Section	WorkOrder: 1908009
Project Number: R19W04	75 Hawthorne Street	Reported: 08/08/19 15:58
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	1908009-01	Water	07/31/19 12:00	08/02/19 14:04
Driftwood Ct	1908009-02	Water	07/31/19 12:20	08/02/19 14:04
Fuel Pump	1908009-03	Water	07/31/19 12:45	08/02/19 14:04
Beaver Ln	1908009-04	Water	07/31/19 13:15	08/02/19 14:04
Beaver Ct	1908009-05	Water	07/31/19 10:50	08/02/19 14:04
Indian Slough	1908009-06	Water	07/31/19 11:00	08/02/19 14:04
River Pt	1908009-07	Water	07/31/19 11:05	08/02/19 14:04
Cabrillo Bay	1908009-08	Water	07/31/19 11:25	08/02/19 14:04
Dune Point Ct	1908009-09	Water	07/31/19 11:35	08/02/19 14:04
Lighthouse Pt.	1908009-10	Water	07/31/19 11:45	08/02/19 14:04



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Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1908009-01									Water - Sampled: 07/31/19 12:00
Sample ID: South Newport Dr									Microcystin by ELISA
Microcystin		1.4		0.15	ug/L	B19H016	08/07/19	08/07/19	ELISA
Lab ID: 1908009-02									Water - Sampled: 07/31/19 12:20
Sample ID: Driftwood Ct									Microcystin by ELISA
Microcystin		0.36		0.15	ug/L	B19H016	08/07/19	08/07/19	ELISA
Lab ID: 1908009-03									Water - Sampled: 07/31/19 12:45
Sample ID: Fuel Pump									Microcystin by ELISA
Microcystin		0.14	C1, J	0.15	ug/L	B19H016	08/07/19	08/07/19	ELISA
Lab ID: 1908009-04									Water - Sampled: 07/31/19 13:15
Sample ID: Beaver Ln									Microcystin by ELISA
Microcystin		0.59		0.15	ug/L	B19H016	08/07/19	08/07/19	ELISA
Lab ID: 1908009-05									Water - Sampled: 07/31/19 10:50
Sample ID: Beaver Ct									Microcystin by ELISA
Microcystin		0.26		0.15	ug/L	B19H016	08/07/19	08/07/19	ELISA
Lab ID: 1908009-06									Water - Sampled: 07/31/19 11:00
Sample ID: Indian Slough									Microcystin by ELISA
Microcystin		0.18		0.15	ug/L	B19H016	08/07/19	08/07/19	ELISA
Lab ID: 1908009-07									Water - Sampled: 07/31/19 11:05
Sample ID: River Pt									Microcystin by ELISA
Microcystin		0.16		0.15	ug/L	B19H016	08/07/19	08/07/19	ELISA
Lab ID: 1908009-08									Water - Sampled: 07/31/19 11:25
Sample ID: Cabrillo Bay									Microcystin by ELISA
Microcystin		0.22		0.15	ug/L	B19H016	08/07/19	08/07/19	ELISA
Lab ID: 1908009-09									Water - Sampled: 07/31/19 11:35
Sample ID: Dune Point Ct									Microcystin by ELISA
Microcystin		0.15		0.15	ug/L	B19H016	08/07/19	08/07/19	ELISA
Lab ID: 1908009-10									Water - Sampled: 07/31/19 11:45
Sample ID: Lighthouse Pt.									Microcystin by ELISA
Microcystin		0.20		0.15	ug/L	B19H016	08/07/19	08/07/19	ELISA

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B19H016 - ELISA - Microcystin by ELISA										
Prepared & Analyzed: 08/07/19										
Microcystin by ELISA - Quality Control										
Blank (B19H016-BLK1)										
Microcystin	ND	U	0.15	ug/L						
LCS (B19H016-BS1)										
Microcystin	0.83			ug/L	0.750		111	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.