

GreenWater Laboratories

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Contact:

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GreenWater
 laboratories

Cyano
 LAB

Utah Division of Water Quality

MICROCYSTIN RESULTS

Tested on: 10/24/2014
 Method: Enzyme-Linked ImmunoSorbent Assay (ELISA)
 Analyte: Microcystins
 Analyzed by: Alicia Carter

Sample ID/ Date Collected	Initial Conc. Factor	Dilution Ratio	Assay Value, ug/L	Final Dilution Factor	Avg. LFB Recovery	Avg. LFM Recovery	Final Concentration (ug/L)	Average (ug/L)
4994790-Jordan River @ Utah Lake Outlet 10/22/2014	1x	none	0.07	1	104%	115%	<0.15	ND
	1x	none	0.06	1			<0.15	
4994720-Jordan River @ Narrows Pump 10/22/2014	1x	none	0.19	1	104%	—	0.19	0.19
	1x	none	0.19	1			0.19	
Middle of Lindon Harbor 10/22/2014	1x	none	0.10	1	104%	—	<0.15	ND
	1x	none	0.07	1			<0.15	
East Side of Lindon Harbor 10/22/2014	1x	none	3.20	1	104%	—	3.20	3.05
	1x	none	2.90	1			2.90	
Middle of Utah Lake State Park Harbor 10/22/2014	1x	none	0.07	1	104%	—	<0.15	ND
	1x	none	0.13	1			<0.15	

ND = Not detected above LOD/LOQ
 LOD/LOQ = 0.15 µg/L
 LFB = 1.0 µg/L MCLR
 LFM = 1.0 µg/L MCLR

Submitted by:



Amanda Foss, M.S.
 10/24/2014

Date:

Submitted to:

Carl Adams
 Utah Division of Water Quality
 P.O. Box 144870
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Utah Division of Water Quality								
CYLINDROSPERMOPSIN RESULTS								
Tested on:		10/24/2014						
Method:		Enzyme-Linked ImmunoSorbent Assay (ELISA)						
Analyte:		Cylindrospermopsin						
Analyzed by:		Alicia Carter						
Sample ID/ Date Collected	Initial Conc. Factor	Dilution Ratio	Assay Value, ug/L	Final Dilution Factor	Avg. LFB Recovery	Avg. LFM Recovery	Final Concentration (ug/L)	Average (ug/L)
4994790-Jordan River @ Utah Lake Outlet 10/22/2014	1x	none	0.00	1	106%	—	<0.10	ND
	1x	none	0.00	1			<0.10	
4994720-Jordan River @ Narrows Pump 10/22/2014	1x	none	0.01	1	106%	—	<0.10	ND
	1x	none	0.00	1			<0.10	
Middle of Lindon Harbor 10/22/2014	1x	none	0.00	1	106%	—	<0.10	ND
	1x	none	0.00	1			<0.10	
East Side of Lindon Harbor 10/22/2014	1x	none	0.00	1	106%	108%	<0.10	ND
	1x	none	0.00	1			<0.10	
Middle of Utah Lake State Park Harbor 10/22/2014	1x	none	0.00	1	106%	—	<0.10	ND
	1x	none	0.00	1			<0.10	

ND = Not detected above LOD/LOQ
 LOD/LOQ = 0.10 µg/L
 LFB = 1.0 µg/L CYN
 LFM = 1.0 µg/L CYN

Submitted by:

Amanda Foss
 Amanda Foss, M.S.
 10/24/2014

Date:

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Utah Division of Water Quality									
SAXITOXIN RESULTS									
Tested on:	10/24/2014								
Method:	Enzyme-Linked ImmunoSorbent Assay (ELISA)								
Analyte:	Saxitoxins								
Analyzed by:	Alicia Carter								
Sample ID/ Date Collected	Initial Conc. Factor	Dilution Ratio	Assay Value, ug/L	Final Dilution Factor	Avg. LFB Recovery	Avg. LFM Recovery	Final Concentration (ug/L)	Average (ug/L)	
4994790-Jordan River @ Utah Lake Outlet 10/22/2014	1x 1x	none none	0.00 0.00	1 1	85%	—	<0.05 <0.05	ND	
4994720-Jordan River @ Narrows Pump Station 10/22/2014	1x 1x	none none	0.00 0.02	1 1	85%	—	<0.05 <0.05	ND	
Middle of Lindon Harbor 10/22/2014	1x 1x	none none	0.00 0.00	1 1	85%	—	<0.05 <0.05	ND	
East Side of Lindon Harbor 10/22/2014	1x 1x	none none	0.00 0.00	1 1	85%	85%	<0.05 <0.05	ND	
Middle of Utah Lake State Park Harbor 10/22/2014	1x 1x	none none	0.00 0.00	1 1	85%	—	<0.05 <0.05	ND	
ND = Not detected above LOD/LOQ LOD/LOQ = 0.05 µg/L LFB = 0.2 µg/L STX LFM = 0.2 µg/L STX									

Submitted by:

Date:

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