

Date: 7/15/2026

Subject: Cyanotoxin testing results

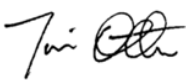
From: Tim Otten, Laboratory Director

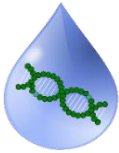
To: Boone Marker, District Manager
Devils Lake Water Improvement District

Testing results are enclosed for ELISA analyses conducted on three samples collected from Devils Lake on 7/8/2026. All data have been reviewed and are considered final.

Analyses included in this report:

- Quantification of total cyanobacterial toxins (anatoxin-a, cylindrospermopsin, microcystin/nodularin (EPA Method 546), and saxitoxin) by enzyme linked immunosorbent assay (ELISA) methods.

Submitted by: 
Timothy G. Otten, MPH, PhD



Bend Genetics

Received: 7/10/2026

Time: 9:27 AM

Matrix: Water Grab

BG ID: DL04

Reported: 7/15/2026 14:26

Customer: Devils Lake Water Improvement District

Project: DL709

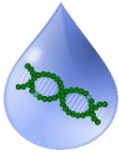
Location: Regatta

Collected: 7/8/2026 12:03

Sample ID: R

SAMPLE RESULTS

Method	Analyte	Result	Reporting Limit	Units	Qualifiers	Batch
ELISA	Anatoxin-a	ND	0.15	µg/L	U	
ELISA	Cylindrospermopsin	ND	0.05	µg/L	U	
ELISA	Microcystin/Nod.	ND	0.20	µg/L	U	
ELISA	Saxitoxin	ND	0.02	µg/L	U	



Bend Genetics

Received: 7/10/2026

Time: 9:27 AM

Matrix: Water Grab

BG ID: DL05

Reported: 7/15/2026 14:26

Customer: Devils Lake Water Improvement District

Project: DL709

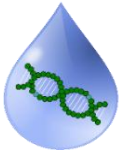
Location: Wabusha

Collected: 7/8/2026 11:30

Sample ID: W

SAMPLE RESULTS

Method	Analyte	Result	Reporting Limit	Units	Qualifiers	Batch
ELISA	Anatoxin-a	ND	0.15	µg/L	U	
ELISA	Cylindrospermopsin	ND	0.05	µg/L	U	
ELISA	Microcystin/Nod.	ND	0.20	µg/L	U	
ELISA	Saxitoxin	ND	0.02	µg/L	U	



Bend Genetics

Received: 7/10/2026

Time: 9:27 AM

Matrix: Water Grab

BG ID: DL06

Reported: 7/15/2026 14:26

Customer: Devils Lake Water Improvement District

Project: DL709

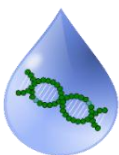
Location: Sand Point

Collected: 7/8/2026 11:25

Sample ID: S

SAMPLE RESULTS

Method	Analyte	Result	Reporting Limit	Units	Qualifiers	Batch
ELISA	Anatoxin-a	ND	0.15	µg/L	U	
ELISA	Cylindrospermopsin	ND	0.05	µg/L	U	
ELISA	Microcystin/Nod.	ND	0.20	µg/L	U	
ELISA	Saxitoxin	ND	0.02	µg/L	U	



Customer: Devils Lake Water Improvement District
Project: DL709

Reported: 7/15/2026 14:26

QUALITY CONTROL

Method	Analyte	Result	Units	Qualifiers	Spike	%Rec	%Rec Limit	Batch
ELISA	ATX - Blank	ND	µg/L	U	0			
ELISA	ATX - Positive	0.65	µg/L		0.75	86.9	70-130	
ELISA	ATX - Spike	1.22	µg/L		1.25	97.6	70-130	
ELISA	CYN - Blank	ND	µg/L	U	0			
ELISA	CYN - Positive	0.79	µg/L		0.75	104.8	70-130	
ELISA	CYN - Spike	0.98	µg/L		1.00	97.6	70-130	
ELISA	MC - Blank	ND	µg/L	U	0			
ELISA	MC - Positive	0.78	µg/L		0.75	104.2	70-130	
ELISA	MC - Spike	0.90	µg/L		1.00	89.8	70-130	
ELISA	STX - Blank	ND	µg/L	U	0			
ELISA	STX - Positive	0.061	µg/L		0.075	81.3	70-130	
ELISA	STX - Spike	0.191	µg/L		0.200	95.6	70-130	

QUALIFIERS:

C1	The reported result for this analyte is below the quantification limit.
C2	The reported result for this analyte is above the calibration range of the assay.
D	Sample diluted - reported result accounts for dilution factor.
J	The reported result for this analyte should be considered as an estimated value.
U	Undetected