

Date: 8/17/2026

Subject: Cyanotoxin testing results

From: Tim Otten, Laboratory Director

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

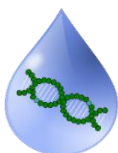
Testing results are enclosed for ELISA analyses conducted on three samples collected from Devils Lake on 8/10/2026. All data have been reviewed and are considered final.

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: 8/12/2026

Time: 9:19 AM

Matrix: Water Grab

BG ID: DL10

Reported: 8/17/2026 15:13

Customer: Devils Lake Water Improvement District

Project: 081026

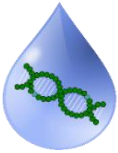
Location: Regatta

Collected: 8/10/2026 11:50

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.	0.31	0.20	µg/L		
ELISA	Saxitoxin	ND	0.02	µg/L	U	



Bend Genetics

Received: 8/12/2026

Time: 9:19 AM

Matrix: Water Grab

BG ID: DL11

Reported: 8/17/2026 15:13

Customer: Devils Lake Water Improvement District

Project: 081026

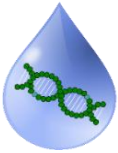
Location: Sand Point

Collected: 8/10/2026 11:30

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.	0.27	0.20	µg/L		
ELISA	Saxitoxin	ND	0.02	µg/L	U	



Bend Genetics

Received: 8/12/2026

Time: 9:19 AM

Matrix: Water Grab

BG ID: DL12

Reported: 8/17/2026 15:13

Customer: Devils Lake Water Improvement District

Project: 081026

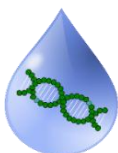
Location: Brown Bear

Collected: 8/10/2026 11:40

Sample ID: B

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.	0.29	0.20	µg/L		
ELISA	Saxitoxin	ND	0.02	µg/L	U	



Customer: Devils Lake Water Improvement District
Project: 081026

Reported: 8/17/2026 15:13

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	87.1	70-130	
ELISA	ATX - Spike	1.20	µg/L		1.25	96.0	70-130	
ELISA	CYN - Blank	ND	µg/L	U	0			
ELISA	CYN - Positive	0.77	µg/L		0.75	102.8	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	0.80	µg/L		0.75	106.8	70-130	
ELISA	MC - Spike	0.85	µg/L		1.00	84.6	70-130	
ELISA	STX - Blank	ND	µg/L	U	0			
ELISA	STX - Positive	0.062	µg/L		0.075	82.0	70-130	
ELISA	STX - Spike	0.206	µg/L		0.200	102.8	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