

Date: 6/30/2026

Subject: Cyanotoxin testing results

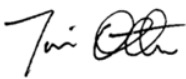
From: Tim Otten, Laboratory Director

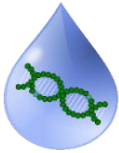
To: Boone Marker, District Manager
Devils Lake Water Improvement District

Testing results are enclosed for ELISA analyses conducted on three samples collected from Devils Lake on 6/24/2026. 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: 6/25/2026

Time: 10:22 AM

Matrix: Water Grab

BG ID: DL01

Reported: 6/30/2026 11:18

Customer: Devils Lake Water Improvement District

Project: DL624

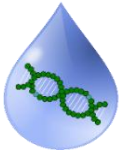
Location: Regatta

Collected: 6/24/2026 7:45

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: 6/25/2026

Time: 10:22 AM

Matrix: Water Grab

BG ID: DL02

Reported: 6/30/2026 11:18

Customer: Devils Lake Water Improvement District

Project: DL624

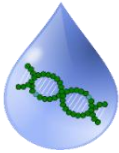
Location: Wabusha

Collected: 6/24/2026 7:20

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: 6/25/2026

Time: 10:22 AM

Matrix: Water Grab

BG ID: DL03

Reported: 6/30/2026 11:18

Customer: Devils Lake Water Improvement District

Project: DL624

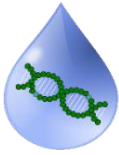
Location: Sand Point

Collected: 6/24/2026 7:30

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



Bend Genetics

Customer: Devils Lake Water Improvement District
Project: DL624

Reported: 6/30/2026 11:18

QUALITY CONTROL

Method	Analyte	Result	Units	Qualifiers	Spike	%Rec	%Rec Limit	Batch
ELISA	ATX - Blank	ND	µg/L	U	0			
ELISA	ATX - Positive	0.59	µg/L		0.75	78.6	70-130	
ELISA	ATX - Spike	1.45	µg/L		1.25	116.3	70-130	
ELISA	CYN - Blank	ND	µg/L	U	0			
ELISA	CYN - Positive	0.74	µg/L		0.75	99.0	70-130	
ELISA	CYN - Spike	1.25	µg/L		1.00	125.2	70-130	
ELISA	MC - Blank	ND	µg/L	U	0			
ELISA	MC - Positive	0.81	µg/L		0.75	107.7	70-130	
ELISA	MC - Spike	0.92	µg/L		1.00	92.0	70-130	
ELISA	STX - Blank	ND	µg/L	U	0			
ELISA	STX - Positive	0.064	µg/L		0.075	84.7	70-130	
ELISA	STX - Spike	0.201	µg/L		0.200	100.3	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