

From: [Kruger, Karen](#)
Subject: Newman Lake Algae Sampling Results
Date: Friday, August 25, 2017 12:16:13 PM
Attachments: [August 21 Microcystin - Anatoxin-a Test Results.pdf](#)

Hello Newman Lake Community,

The District took a fourth sample from the lake on Monday, August 21, 2017, and sent it to the King County Environmental Lab on Tuesday. We received the results from the lab today, and they are attached to this email. There are other lakes included in the testing release "Toxic Algae Status" document, so I've highlighted the Newman Lake test results for you to view.

The results of this week's sample shows **the level for Microcystin is 1.2 micrograms per liter**. This number is less than the last test which came back at 1.5 micrograms per liter. As you can see from the chart below, the toxic level would be at "greater than or equal to 6 micrograms per liter".

The results of this week's sample shows the level for Anatoxin-a is "less than the Method Detection Limit (MDL), of 0.01 micrograms per liter".

Washington State Provisional Recreational Guidance Values

Microcystin	≥ 6 µg/L
Anatoxin	≥ 1 µg/L
Saxitoxin	≥ 75 µg/L
Cylindrospermopsin	≥ 4.5 µg/L

I've heard from many of you the lake is beginning to "clear-up" somewhat. Hopefully it continues to improve. However, with anticipated hot weather on the way for the beginning of next week, it will be interesting to see what happens.

Please let me know if you have questions or require further information.

Thank You,

Karen Kruger
Water Resources Coordinator
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08_25_2017 TOXIC ALGAE STATUS.xlsx

King County Environmental Lab Preliminary Algae Toxin Data Reporting Form: The QA/QC process has not been completed for the following data. It is possible that the reported values may change during the final review, approval and reporting process.

Updated:	8/25/17 8:00 AM					
Project	DOE ALGAE					
Number	421520-300					
SURFACE WATERS						
Sample Information				Preliminary Analytical Data		
Collect Date	Lab Sample #	Tracking Number LIMS Client Locator	Water Body LIMS Sample Information	Microcystin MDL=0.15 ug/L RDL=0.15 ug/L	Anatoxin-a MDL=0.01 ug/L RDL=0.05 ug/L	Analytical Comments/Observations
16-Aug	L68446-2	DEEPTHUR088_17_186	DEEP LK	1.3	0.519	
21-Aug	L68477-1	GIBBJEFF078_17_187	GIBBS LK	2	<MDL	
21-Aug	L68477-2	BLUEGRAN000_17_189	BLUE LK	<MDL	<MDL	
22-Aug	L68478-1	FAWNMASO067_17_191	FAWN LK	<MDL	<RDL (0.012)	
21-Aug	L68484-1	TOADWHAT269_17_188	TOAD LK	<MDL	<MDL	
21-Aug	L68488-1	NEWMSPOK130_17_190	NEWMAN LK	1.2	<MDL	
22-Aug	L68488-2	SCOOFRAN255_17_192	SCOOTNEY RES	5.5	<MDL	
22-Aug	L68488-3	PATTTTHUR064_17_193	PATTISON LK	4.9	<MDL	
22-Aug	L68488-4	LONGTHUR062_17_194	LONG LK	2.6	<MDL	
22-Aug	L68488-5	HAWKTHUR000_17_195	HAWKS PRAIRIE	<MDL	<RDL (0.030)	
22-Aug	L68489-1	4	SUMMIT LK	<MDL	<MDL	
22-Aug	L68489-2	9	SUMMIT LK	<MDL	<MDL	
23-Aug	L68505-1	LONEISLA014_17_197	LONE LK	pend	pend	
23-Aug	L68513-1	FAZOWHAT000_17_196	LK FAZON	pend	pend	