**From:** Kruger, Karen
**Subject:** Newman Lake Second Cyanobacteria Test Results
**Date:** Wednesday, August 16, 2017 5:58:50 PM

Hello Newman Lake Community,

We wanted to let you know that two samples were taken again at Newman Lake last Thursday, August 10th, and sent overnight to the King County Environmental Lab, arriving Friday morning. Late yesterday, we received the report below. The report shows that both samples tested in the low range for Microcystin at 1.5 milligrams per Liter. You can see by the chart that is located below the test results section where it says "Washington State Provisional Recreational Guidance Values", that once the level of Microcystin reaches 6 milligrams per Liter or greater, that is the threshold considered to be a toxic blue-green algae bloom.

The Anatoxin-a test results are still pending. I was hoping the Anatoxin-a results would show up before the end of the work day, but I have not yet received them, and it's almost 6:00pm. I wanted to let everyone know the results we have received, and if the remainder of the results come in tomorrow, I'll go ahead and send them to you at that time.

FYI – As you can see by the highlighted test results, Hog Lake in Spokane County (located in the far southwest corner of the County) has an extreme amount of Microcystin compared to Newman Lake. I know there is a Fish and Wildlife public launch at Hog Lake, so I would assume it will be closed until test results show levels in the acceptable range. Looking at the Hog Lake test results at least gives us something to compare, and possibly be thankful for.

I will send the test results for Anatoxin-a as soon as we receive them.

Karen Kruger
Water Resources Coordinator
Spokane County Public Works
NLFCZD
(509) 477-7262

**Algae Toxicity Test Results from 8/9/2017 - 8/10/2017**

| Lake | County | Collection Date | Saxitoxin | Microcystin | Anatoxin-a | Notes |
|---|---|---|---|---|---|---|
| Hog | Spokane | 8/9/2017 | NA | 757.0 | pend | |
| Newman | Spokane | 8/10/2017 | NA | 1.5 | pend | |
| Newman | Spokane | 8/10/2017 | NA | 1.5 | pend | |

Microcystin MDL = 0.05 ug/L
Anatoxin-a MDL = 0.01 ug/L
NA - analysis was not requested
PENDING - prep/analysis in progress
MDL=Minimum Detection Level
RDL = Reporting Detection Level
MRL = Minimum Reporting Level

Washington State Provisional Recreational Guidance Values

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