

## Washington State Recreational Guidance Levels for Freshwater Cyanotoxins

|                       | Microcystin (ug/L) | Anatoxin (ug/L) | Saxitoxin (ug/L) | Cylindrospermopsin (ug/L) |
|-----------------------|--------------------|-----------------|------------------|---------------------------|
| Health Advisory Level | 8                  | 1               | 75               | 15                        |
| Closure Level         | 2000               | 300             | -                | -                         |

### 2023 Snake River HAB testing results

| Date       | Sample location     | Microcystin (ug/L) | Anatoxin (ug/L) | Saxitoxin (ug/L) | Cylindrospermopsin (ug/L) |
|------------|---------------------|--------------------|-----------------|------------------|---------------------------|
| 9/11/2023  | Wawawai County Park | 0.73               | <MDL            | <MDL             | <MDL                      |
| 9/11/2023  | Granite Point       | >10                | <RDL            | <MDL             | <MDL                      |
| 9/25/2023  | Granite Point       | >0.8               | <MDL            | -                | -                         |
| 9/25/2023  | Boyer Park          | <MDL               | <MDL            | -                | -                         |
| 10/2/2023  | Wawawai Landing     | >10                | <MDL            | -                | -                         |
| 10/2/2023  | Central Ferry       | >10                | <MDL            | -                | -                         |
| 10/9/2023  | Wawawai Landing     | 139                | <MDL            | -                | -                         |
| 10/9/2023  | Boyer Park          | <MDL               | <MDL            | -                | -                         |
| 10/9/2023  | Central Ferry       | 25                 | <MDL            | -                | -                         |
| 10/16/2023 | Central Ferry       | 61                 | <MDL            | -                | -                         |
| 10/18/2023 | Wawawai County Park | 63                 | <MDL            | -                | -                         |
| 10/24/2023 | Wawawai County Park | 2                  | <MDL            | -                | -                         |
| 10/24/2023 | Central Ferry       | 7                  | <MDL            | -                | -                         |
| 10/30/2023 | Wawawai County Park | 9.3                | <MDL            | -                | -                         |
| 10/30/2023 | Central Ferry       | 48                 | <MDL            | -                | -                         |
| 11/6/2023  | Wawawai County Park | 18                 | <MDL            | -                | -                         |
| 11/6/2023  | Central Ferry       | 88                 | <MDL            | -                | -                         |
| 12/18/2023 | Wawawai County Park | 2                  | <MDL            | -                | -                         |
| 1/4/2024   | Wawawai County Park | 1.7                | <MDL            | -                | -                         |

<MDL: sample result below the detection limit. Toxin not detected.

<RDL: sample result was less than the lab's reported detection limit.

pend: sample analysis in progress

Exceedance of WaDOH/USEPA Recreational Guidelines highlighted in yellow.

Phytoplankton data 2023:

*Anabaenopsis* sp.

*Aphanizomenon* sp.

*Dolichospermum* sp. - irregularly twisted

*Dolichospermum* sp. - regularly coiled

*Limnoraphis* sp.

*Microcystis* sp.

*Phormidium* sp.

*Woronichinia* sp.