



# McKenzie Watershed Cyanotoxin Results

Health advisory values are different for recreational water uses and drinking water.

The difference between the two reflects the amount of water children and adults incidentally ingest while swimming, water skiing, etc., and the amount of water ingested when drinking from the tap. Since much more water is ingested through drinking water, the health advisory values for drinking water are much lower than for recreational use advisories.

All values expressed in parts per billion (ppb or ug/L)

	Cylindrospermopsin	Microcystin	Anatoxin-a
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## Health Advisory Level for Treated Drinking Water

Adults	3	1.6	Not Regulated
Vulnerable Populations	0.7	0.3	Not Regulated

## Health Advisory Levels for Recreational Water Activities

All People	15	8	15
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Date	Cylindrospermopsin	Microcystin	Anatoxin-a
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## Blue River Reservoir

### Dam Site - E548

4/5/2021	Not Detected	Not Detected	Not Detected
4/19/2021	Not Detected	Not Detected	Not Detected
5/3/2021	Not Detected	Not Detected	Not Detected
5/17/2021	Not Detected	Not Detected	Not Detected
6/1/2021	Not Detected	Not Detected	Not Detected
6/14/2021	Not Detected	Not Detected	Not Detected
6/28/2021	Not Detected	Not Detected	Not Detected
7/12/2021	Not Detected	Not Detected	Not Detected
7/26/2021	Not Detected	Not Detected	Not Detected
8/9/2021	Not Detected	Not Detected	Not Detected
8/23/2021	Not Detected	Not Detected	Not Detected
9/7/2021	Not Detected	Not Detected	Not Detected
9/20/2021	Not Detected	Not Detected	Not Detected
10/4/2021	Not Detected	Not Detected	Not Detected
10/19/2021	Not Detected	Not Detected	Not Detected

### Outfall to Blue River - E540

4/5/2021	Not Detected	Not Detected	Not Detected
4/19/2021	Not Detected	Not Detected	Not Detected
5/3/2021	Not Detected	Not Detected	Not Detected
5/17/2021	Not Detected	Not Detected	Not Detected
6/1/2021	Not Detected	Not Detected	Not Detected
6/14/2021	Not Detected	Not Detected	Not Detected
6/28/2021	Not Detected	Not Detected	Not Detected

Date	Cylindrospermopsin	Microcystin	Anatoxin-a
7/12/2021	Not Detected	Not Detected	Not Detected
7/26/2021	Not Detected	Not Detected	Not Detected
8/9/2021	Not Detected	Not Detected	Not Detected
8/23/2021	Not Detected	Not Detected	Not Detected
9/7/2021	Not Detected	Not Detected	Not Detected
9/20/2021	Not Detected	Not Detected	Not Detected
10/4/2021	Not Detected	Not Detected	Not Detected
10/19/2021	Not Detected	Not Detected	Not Detected

**Cougar Reservoir**

**Dam Site - E4816**

4/5/2021	Not Detected	Not Detected	Not Detected
4/19/2021	Not Detected	Not Detected	Not Detected
5/3/2021	Not Detected	Not Detected	Not Detected
5/17/2021	Not Detected	Not Detected	Not Detected
6/1/2021	Not Detected	Not Detected	Not Detected
6/14/2021	Not Detected	Not Detected	Not Detected
6/28/2021	Not Detected	Not Detected	Not Detected
7/12/2021	Not Detected	Not Detected	Not Detected
7/26/2021	Not Detected	Not Detected	Not Detected
8/9/2021	Not Detected	Not Detected	Not Detected
8/23/2021	Not Detected	Not Detected	Not Detected
9/7/2021	Not Detected	Not Detected	Not Detected
9/20/2021	Not Detected	Not Detected	Not Detected
10/4/2021	Not Detected	Not Detected	Not Detected
10/19/2021	Not Detected	Not Detected	Not Detected

**Outfall to South Fork McKenzie River - E486**

4/5/2021	Not Detected	Not Detected	Not Detected
4/19/2021	Not Detected	Not Detected	Not Detected
5/3/2021	Not Detected	Not Detected	Not Detected
5/17/2021	Not Detected	Not Detected	Not Detected
6/1/2021	Not Detected	Not Detected	Not Detected
6/14/2021	Not Detected	Not Detected	Not Detected
6/28/2021	Not Detected	Not Detected	Not Detected
7/12/2021	Not Detected	Not Detected	Not Detected
7/26/2021	Not Detected	Not Detected	Not Detected
8/9/2021	Not Detected	Not Detected	Not Detected
8/23/2021	Not Detected	Not Detected	Not Detected
9/7/2021	Not Detected	Not Detected	Not Detected
9/20/2021	Not Detected	Not Detected	Not Detected
10/4/2021	Not Detected	Not Detected	Not Detected
10/19/2021	Not Detected	Not Detected	Not Detected

Date	Cylindrospermopsin	Microcystin	Anatoxin-a
<b>Upper McKenzie River</b>			
<b>McKenzie River at Vida - E040</b>			
4/5/2021	Not Detected	Not Detected	Not Detected
4/19/2021	Not Detected	Not Detected	Not Detected
5/3/2021	Not Detected	Not Detected	Not Detected
5/17/2021	Not Detected	Not Detected	Not Detected
6/1/2021	Not Detected	Not Detected	Not Detected
6/14/2021	Not Detected	Not Detected	Not Detected
6/28/2021	Not Detected	Not Detected	Not Detected
7/12/2021	Not Detected	Not Detected	Not Detected
7/26/2021	Not Detected	Not Detected	Not Detected
8/9/2021	Not Detected	Not Detected	Not Detected
8/23/2021	Not Detected	Not Detected	Not Detected
9/7/2021	Not Detected	Not Detected	Not Detected
9/20/2021	Not Detected	Not Detected	Not Detected
10/4/2021	Not Detected	Not Detected	Not Detected
10/19/2021	Not Detected	Not Detected	Not Detected
<b>Lower McKenzie River</b>			
<b>McKenzie River at Hendricks Park - E020</b>			
4/5/2021	Not Detected	Not Detected	Not Detected
4/19/2021	Not Detected	Not Detected	Not Detected
5/3/2021	Not Detected	Not Detected	Not Detected
5/17/2021	Not Detected	Not Detected	Not Detected
6/1/2021	Not Detected	Not Detected	Not Detected
6/14/2021	Not Detected	Not Detected	Not Detected
6/28/2021	Not Detected	Not Detected	Not Detected
7/12/2021	Not Detected	Not Detected	Not Detected
7/26/2021	Not Detected	Not Detected	Not Detected
8/9/2021	Not Detected	Not Detected	Not Detected
8/23/2021	Not Detected	Not Detected	Not Detected
9/7/2021	Not Detected	Not Detected	Not Detected
9/20/2021	Not Detected	Not Detected	Not Detected
10/4/2021	Not Detected	Not Detected	Not Detected
10/19/2021	Not Detected	Not Detected	Not Detected
<b>Keizer Slough - E810</b>			
4/5/2021	Not Detected	Not Detected	Not Detected
4/19/2021	Not Detected	Not Detected	Not Detected
5/3/2021	Not Detected	Not Detected	Not Detected
5/17/2021	Not Detected	Not Detected	Not Detected
6/1/2021	Not Detected	Not Detected	Not Detected
6/14/2021	Not Detected	Not Detected	Not Detected
6/28/2021	Not Detected	Not Detected	Not Detected

Date	Cylindrospermopsin	Microcystin	Anatoxin-a
7/12/2021	Not Detected	Not Detected	Not Detected
7/26/2021	Not Detected	Not Detected	Not Detected
8/9/2021	Not Detected	Not Detected	Not Detected
8/23/2021	Not Detected	Not Detected	Not Detected
9/7/2021	Not Detected	Not Detected	Not Detected
9/20/2021	Not Detected	Not Detected	Not Detected
10/4/2021	Not Detected	Not Detected	Not Detected
10/19/2021	Not Detected	Not Detected	Not Detected

**McKenzie River at Hayden Bridge Boat Ramp - E010**

6/1/2021	Not Detected	Not Detected	Not Detected
6/14/2021	Not Detected	Not Detected	Not Detected
6/28/2021	Not Detected	Not Detected	Not Detected
7/12/2021	Not Detected	Not Detected	Not Detected
7/26/2021	Not Detected	Not Detected	Not Detected
8/9/2021	Not Detected	Not Detected	Not Detected
8/23/2021	Not Detected	Not Detected	Not Detected
9/7/2021	Not Detected	Not Detected	Not Detected
9/20/2021	Not Detected	Not Detected	Not Detected
10/4/2021	Not Detected	Not Detected	Not Detected
10/19/2021	Not Detected	Not Detected	Not Detected