



MEDIA REQUESTS:
Janenne Irene Pung, PIO
231-547-7653
Media@nwhealth.org
www.nwhealth.org

Advisory: Mackinaw Beach 1

Partial body contact advisory in place

The Health Department of Northwest Michigan (HDNW) is issuing a partial body contact advisory for Mackinaw Beach 1 in Mackinaw City, Mich. The beach is located at 6000 East Wilderness Park Drive immediately south of Headlands International Dark Sky Park in Emmet County.

Water sampling conducted on Tuesday, July 19 came back high at 325.5 E. coli per 100ml, resulting in the partial body contact advisory based on the Michigan Department of Environment, Great Lakes, and Energy (EGLE) water quality standards.

The partial body contact advisory has been posted at the beach. Contact with the water above the waist should be avoided. Activities like wading, fishing and paddling are acceptable.

An advisory at this level is issued when E. coli are between 301 E. coli/100ml to 1000 E. coli/100ml, considered Level 2 on the water quality index table below. The table shows all of Tuesday's sampling results.

"Follow-up samples were conducted this morning and results will be available tomorrow morning," said Jeremy Fruk, HDNW Director of Environmental Health.

Beach water samples are conducted by HDNW throughout the week. If advisories are called for, news releases will be issued the day the results are known. If there are no advisories, the results will still be posted each Thursday on the agency's [website](#) and [Facebook](#) page.

Through an EGLE supported web-based program, the public has real-time access to beach water quality results for beaches all over Michigan. Information can be found at <https://www.egle.state.mi.us/beach>.

The Health Department of Northwest Michigan is mandated by the Michigan Public Health Code to promote wellness, prevent disease, provide quality healthcare, address health problems of vulnerable populations, and protect the environment for the residents and visitors of Antrim, Charlevoix, Emmet, and Otsego counties. For more information, visit nwhealth.org.

**Health Department of Northwest Michigan
Beach Report – Samples collected July 19, 2022**

County	Beach Name	Sample results E. coli count per 100ml	Water Quality Index
Charlevoix	Thumb Lake Beach	6.3	1
Emmett	Zorn Park	3.1	1
Emmett	Mackinaw 1	325.5	2
Emmett	Mackinaw 2	19.7	1
Emmett	Middle Village	7.5	1
Emmett	Cross Village	53.7	1
Emmett	Wilderness State Park	12.2	1
Emmett	Sturgeon Bay	88.0	1

Water Quality Index	Body Contact Limits	E. coli/100ml (Single Event)	E. coli/100ml (30-day geo-mean)
Level 1	E. coli levels meet EGLE swimming standard for full body contact.	0-300	0-130
Level 2	E. coli levels meet EGLE standard for wading, fishing, and paddling. Contact above the waist not advised.	301-1000	131-1000
Level 3	E. coli levels exceed EGLE standards, no body contact advised.	>1000	>1000
Level 4	Health alert. E. coli levels and/or known contamination of beach waters. Avoid contact with beach waters.	>1000 E. coli/contamination	>1000 E. coli/contamination

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