

Laboratory Hours

Monday - Friday

8:30 am to 12:00 pm and

1:00 pm to 4:30 pm

Samples can be dropped off on Monday, Tuesday, and Wednesday only.

For emergency situations, special drop off times can be arranged.

Laboratory closed on the day before and the day of a federal holiday.

Sample Containers: Sample containers are available upon request at all 6 branch offices of Central Michigan District Health Department. Instructions for sampling and chain of custody forms are provided with each container.

Turnaround Time: The standard turnaround time is 2-3 working days for bacteriologic testing. Nitrate turnaround time is 1-2 working days. All other chemical testing has a standard turnaround time of 5-7 days unless otherwise noted.

Reporting Procedures: Multiple methods of sending test results are available as requested on the Chain of Custody form.

EPA Certified for Compliance Monitoring under the Safe Drinking Water Act

EGLE #9952



Central Michigan District Health Department
Promoting Healthy Families, Healthy Communities

Laboratory-Gladwin County

103 N. Bowery • Gladwin, MI 48624

989-426-9431 ext. 1330 • Fax 989-426-6952

Additional CMDHD Branch Offices:

Arenac County

4489 W M-61, Suite 3 • Standish, MI 48658

989-846-6541 ext. 1110 • Fax 989-846-0431

Clare County

815 N Clare Ave, Suite B • Harrison, MI 48625

989-539-6731 ext. 1210 • Fax 989-539-4449

Isabella County

2012 E. Preston • Mt. Pleasant, MI 48858

989-773-5921 ext. 1410 • Fax 989-773-4319

Osceola County

22054 Professional Dr., Suite D

Reed City, MI 49677

231-832-5532 ext. 1522 • Fax 231-832-1020

Roscommon County

200 Grand Ave., Suite A • P.O. Box 739

Prudenville, MI 48651

989-366-9166 ext. 1635 • Fax 989-366-8921

Assurance Water Lab

TESTING:

- Drinking Water
- Swimming Pool Water
- Recreational Waters

Central Michigan District Health Department

103 N. Bowery
Gladwin, MI 48624

(989) 426-9431

Fax: (989) 426-6952

www.cmdhd.org

Drinking Water Analysis

Initial testing of drinking water looks for coliform organisms. If coliform is present, further testing is done to determine if E.coli is one of the coliform organisms found.

Total Coliform Bacteria

Although generally not harmful, they are common in the environment in places such as surface water, soil, decaying vegetation and the intestinal tract of warm blooded animals.

- **A positive result** may indicate a problem with the distribution system, and the possibility of the presence of other harmful disease causing organisms.

E. Coli

An organism that is always found in the intestinal tract of mammals or birds.

- **A positive result** indicates it is more likely that the water may contain disease-causing organisms resulting from fecal contamination.

Nitrate Testing Available

Nitrates can't be tasted or smelled. Testing is the only way to identify if it is present in the water at a level for health concerns, especially for infants.

It is also recommended that the water be tested anytime there is a change to the system, construction or remodel to the system, or if flooding near the wellhead has occurred.



Swimming Pool Water Analysis

Coliform bacteria are an indicator of other possible disease causing organisms that may be present in the pool or spa water, due to:

- **Inadequate amounts of disinfectant in the pool**
- **Increased bather load**
- **Usage of the pool by infected persons**
- **Failure of the water treatment system**

Sampling Procedures

- Samples should be collected when swimmers are in the pool, preferably during periods of peak usage.
- All pool and spa samples must be collected in a clean, sterile bottle provided by your local health department.
- Collect samples 12" to 18" inches below water surface in a sweeping motion holding the bottle by the bottleneck.
- Sample must be received at the lab **within 24 hours** of sampling.

Surface Water & Recreational Water Analysis

When swimming in water with high bacterial levels, the risk of becoming ill increases.

Flu-like symptoms and upper respiratory illnesses are frequently associated with swimming in contaminated water.

Pollution in beach water is often much higher during and immediately after rainstorms due to rainwater runoff.

Your local health department office can tell you if and when the water at your beach is monitored, and where the results are posted.

Sampling Procedures

- Collect samples 12" to 18" inches below water surface in a sweeping motion holding the bottle by the bottleneck.
- Sample must be received at the lab **within 6 hours** of sampling.

