MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

Remediation & Redevelopment Division – Laboratory Services Section

Laboratory Guidance: E. Coli & Fecal Coliform Sample Submission

1. The EGLE laboratory will accept surface water and wastewater samples for E. coli and Fecal Coliform testing.
2. All samples must be scheduled in advance of collection by calling EGLE's microbiology laboratory at **517-335-9814**. Samples submitted without advanced notice may be rejected for analysis.
3. Samples must be collected in a bacteriological container supplied by the EGLE Laboratory. Samples collected in a container other than EGLE's sample container will be rejected for analysis.
4. The sample volume collected must be between the 100mL and Max fill lines on the sample container or the sample will be rejected for analysis.
5. All samples must be delivered to the laboratory Monday through Thursday, 8:30 AM - 3:00 PM, excluding State of Michigan holidays. Samples delivered outside these hours may be rejected for analysis.
6. Samples must be received by the laboratory within 6 hours of collection to meet the 8-hour U.S. EPA analytical holding time. Samples received between 6 and 8 hours from collection may be rejected for analysis. Samples received by U.S. Mail, UPS, or FedEx will be rejected for analysis.
7. Samples must be delivered to the laboratory in a cooler on ice or with frozen ice packs, separated from other samples requiring chemical analysis. Samples received without ice, frozen ice packs, or received with other samples for chemical analysis will be rejected for analysis.
8. Samples that are frozen or contain ice in the sample will be rejected for analysis.
9. Samples received with incomplete Analysis Request forms may be rejected for analysis.
10. The laboratory offers two analysis options for E. coli testing, NPEC-Low up to 24,196 MPN/100mL and NPEC-High up to 241,960 MPN/100mL, and one analysis option for Fecal Coliform testing, NPFC up to 24,196 MPN/100mL.

For additional information contact EGLE's microbiology laboratory at 517-335-9814
Monday - Friday, 8:30 AM - 4:30 PM

People with disabilities may request this material in an alternate format by emailing EGLE-Accessibility@Michigan.gov or calling 800-662-9278.

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