



## INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

## Repeat Sample Locations for Transient Systems

Eric J. Holcomb  
Governor

Bruno L. Pigott  
Commissioner

(317) 232-8603 • (800) 451-6027

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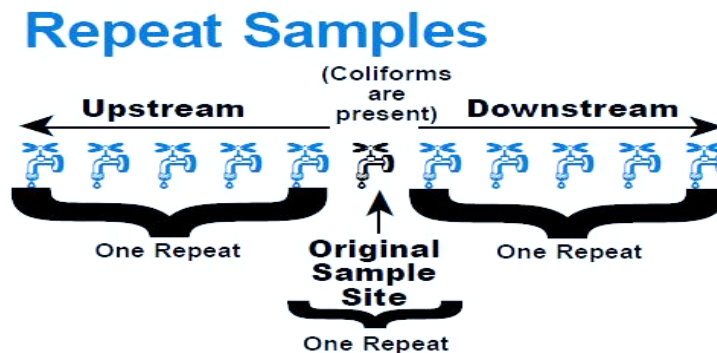
100 N. Senate Ave., Indianapolis, IN 46204

When a routine sample comes back positive for total coliform, the system is required to take repeat samples. The following is an explanation of where these repeat samples should be collected.

- One (1) from the original sample site;
- One (1) within five (5) service connections **upstream\***;
- One (1) within five (5) service connections **downstream\*\***;
- One (1) from the source sample tap which is before any storage/bladder tanks or filtration/disinfection systems.

**\*Upstream** is defined as: before the routine sample location; between the well and the routine sample location; in advance of the routine sample location.

**\*\*Downstream** is defined as: after the routine sample location, between the routine sample location and the end of the piping; opposite direction of upstream location.



- One must be at same site as the routine sample.
- One must be within 5 service connections upstream.
- One must be within 5 service connections downstream.

The main reason for this repeat sampling is to determine whether the contamination is in the well, a specific area of piping or in the distribution system itself.