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.

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.