

## Construction Industry Communication #15

**From:** Amit Ghosh, Chief Building Official  
**Re:** Disinfection of Potable Water System  
**Date:** July 16, 2020

**Background:** Ohio Plumbing Code (OPC) section 610 requires disinfection of new potable water distribution systems using the procedure described in AWWA standard C651 or C652, or as described in OPC section 610. All methods require verification via bacteriological examination that the system is free of contaminants.

**Memorandum:** To ensure OPC 610 is met and new potable water systems are free from contamination, the Department of Building and Zoning Services (BZS) will require a report from an approved laboratory provided to the plumbing inspector during an inspection for a requested partial Certificate of Occupancy or a Final inspection.

A list of approved laboratories can be found at the link below:

<https://epa.ohio.gov/Portals/28/documents/labcert/Combined-Lab-List.pdf>

Below are examples of when a disinfection report will be expected to be provided:

1. All new construction
2. Additions to any existing systems
3. Replacement of existing systems or significant portions thereof