

## Disinfection and Water Quality Testing Plan (DWQTP)

<b>Building ID</b>	
<b>School Name</b>	
<b>Address</b>	
<b>SCA Project ID, Design ID or LLW #</b>	
<b>Date</b>	
<b>Revision #</b>	
<b>General Contractor (Co. Name, Contact Person &amp; No.)</b>	
<b>Plumbing Contractor (Co. Name, Contact Person &amp; No.)</b>	
<b>Disinfection Contractor (Co. Name, Contact Person &amp; No.)</b>	

### Project Description

<b>Project Phase (Enter Phase and # of Total Phases) (Example): 2 of 5</b>	
<b>Project Type (CIP or Capacity)</b>	

### Plumbing Scope (Check all that apply)

New Building	
Lease	
Inactive Building	
Alterations to Existing Interior Plumbing	
Repair to existing service connection	
Installation of new service connection	

### Disinfection Scope

Disinfectant to be used (i.e., brand name of chlorine solution; note that use of chlorine gas is not acceptable)			
Select one:	<input type="checkbox"/> > 50 ppm chlorine for 24 hours	<input type="checkbox"/> > 200 ppm chlorine for 3 hours	<input type="checkbox"/> 1-5% chlorine (Service main only)

### Contractor Certifications

The Contractor confirms the following:	Initials/Date
Disinfection work will be performed only after obtaining written approval from the IEH Division and in the presence of a representative of the IEH Division.	
Newly-installed plumbing will be isolated from existing piping during the disinfection process	
Signs will be placed on each fixture/outlet during disinfection (using Attachment D)	
Pre-disinfection flushing will be performed in accordance with 3.03 F at a flow rate sufficient to remove all debris or sediment from new potable water piping in the presence of an IEH Representative	
All flushing activities will be logged (example log included in Attachment E)	
Disinfectant concentration will be maintained during disinfection and measured each hour	
New plumbing will be installed without allowing soil and/or other material from entering the pipe	
Sample collection and handling will comply with applicable regulatory standards	

The Contractor confirms the following:	Initials/Date
Samples will be analyzed by a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory using approved methods.	
All work will be completed in accordance with Specification 15414 Sections 3.03, 3.04, 3.19 & 3.20	
Results of the analyses will be provided to the IEH Division within 72 hours after sampling is complete	
The following attachments have been included: <ul style="list-style-type: none"> <li>• Attachment A – Sample Summary Tables</li> <li>• Attachment B – Plumbing Diagram(s)</li> <li>• Attachment C – Disinfectant Safety Data Sheet (SDS)</li> <li>• Attachment D – Fixture/Outlet Signage</li> <li>• Attachment E – Flushing Log</li> <li>• Attachment F – Dip and Rinse Procedure and Certification Letter</li> <li>• Attachment G – Direct Replacement Procedure and Certification Letter</li> </ul>	

**Signature of Disinfection Contractor**

I certify that this document and all attachments were prepared under my direction or supervision and the information is true, accurate, and complete.	
Printed Name	
Signature	
Date (MO/DA/YEAR)	

**Signature of Plumbing Contractor**

I certify that this document and all attachments were prepared under my direction or supervision and the information is true, accurate, and complete.	
Printed Name	
Signature	
Date (MO/DA/YEAR)	

**Attachments:**

The following attachments should be included:

- A. Sample Summary Tables, including:
  - Number of fixtures and appliances in each work area/floor
  - Number of samples for each work area/floor
  
- B. Plumbing Diagram(s) (use of riser preferred and/or floor plan), including (two examples are provided):
  - New/existing cold/hot potable water piping including lengths and diameters (clearly differentiate between piping that is, and is not, subject to disinfection). Note the use of color codes for each type of pipe to be disinfected in the examples provided
  - Fixtures and appliance locations
  - Proposed locations of:
    - Isolation valve(s)
    - Valves and fittings for disinfection purposes
    - Injection point(s)
    - Discharge point(s)
    - Potable plumbing components (e.g., fittings) necessary to make final connections that will be disinfected by the dip and rinse procedure
    - Direct replacements
  - Sample locations with sample IDs
  
- C. Disinfectant Safety Data Sheet
- D. Fixture/Outlet Signage
- E. Flushing Log
- F. Dip and Rinse Procedure and Certification Letter
- G. Direct Replacement Procedure and Certification Letter