

Cursory Comparison of Public Health Post COVID19 Building Restart Action Items

Category	Items	State Dept of Health			Federal	
		WA	OH	PA	EPA	CDC
Disinfectant	Check disinfectant level at beginning of supply and end.	Yes	Yes	No	Yes	No
Disinfectant	Chlorination contact time target for disinfection	Yes	No	No	No	No
Disinfectant	Flush hot water system with cold water to maintain chlorine residual	Yes	No	No	No	No
Disinfectant	Includes disinfection guidance if needed	Yes	Yes	No	No	No
Disinfectant	Maintain cold water chlorine level > 0.2 ppm	Yes	No	No	No	No
Disinfectant	Proper equipment to monitor temperature and disinfectant	Yes	Yes	No	No	No
Drain	Check that drains work prior to flushing	No	Yes	No	No	No
Equipment	Check back flow preventer status	No	Yes	Yes	No	No
Equipment	Equipment with reservoirs ie softeners, etc	No	Yes	Yes	Yes	No
Equipment	Flush and clean pretreatment equip like softeners	No	Yes	Yes	Yes	No
Flushing	Create a list of fixtures	No	Yes	No	No	No
Flushing	Flush cold first	Yes	Yes	Yes	No	No
Flushing	Flush service line to building first	No	No	Yes	Yes	No
Flushing	Open lots of faucets to get flushing of service line	No	No	Yes	No	No
Flushing	Recommend flushing if stagnate for x period of time	No	> 2 weeks	No	No	No
Flushing	Remove Aerators	Yes	Yes	Yes	No	No
Legionella	Legionella control limit listed	Yes	No	No	No	No
Legionella	Test for Legionella	Yes	Yes	No	No	No
Municipal	Building owner contact utility re water quality in distribution system	No	No	No	Yes	Yes
Municipal	Utility coordinate mains flushing w nearby building owners	No	No	No	Yes	Yes
Temperature	Legionella growth range 78 to 108	Yes	Not listed	Not listed	Not Listed	No
Temperature	Recommended hot water system temperature of >122 at every fixture	Yes - >122	No	No	No	No
Temperature	Recommended temp in hot water tank	Yes	Yes - 140	No - 120	No - 120	No - 120
No's		10	9	15	16	21
Yes's		13	13	7	6	2
%		57	59	32	27	9
		Very Good	Good			
<p>Note: This is a cursory review of recommended actions items that could be completed in a short time. Other critical items may have been included and missed. If critical items were weighted based on their impact on risk reduction there would be an extra 20 points added to Washington for recommending temperatures at every fixture of 122. This single recommendation will greatly reduce risk.</p>						
<p style="text-align: center;">CDC emphasizes a water management plan this plan that takes time to implement, it is not an immediate action item.</p>						