

POTENTIAL SUBMERGED LINE

Any waterline that can be potentially submerged in non-potable water is considered a known health hazard and would be considered an indirect cross-connection. Therefore, any water line that can become submerged shall be plumbed with an appropriate space or acceptable back-flow preventer which is a PVB (pressure vacuum breaker) or better. An alternative to this would be to plumb the waterline in a manner in which a temporary connection can be made and the waterline is not submerged. The temporary connection must be disconnected when not in use (physically separated) otherwise it is an indirect cross-connection. [Twin Creek WSC Tariff Section E(28)b(1)]

An air gap is the unobstructed vertical distance through the free atmosphere between the lowest opening from any pipe or faucet conveying water to a tank, fixture, receptor, sink or other assembly and the flood level rim of the receptacle. The vertical, physical separation must be at least twice the diameter of the water supply outlet, but never less than 1.0 inch. [TCEQ 290.38(2)]