

Private Drinking Water Standard for Particle Filtration

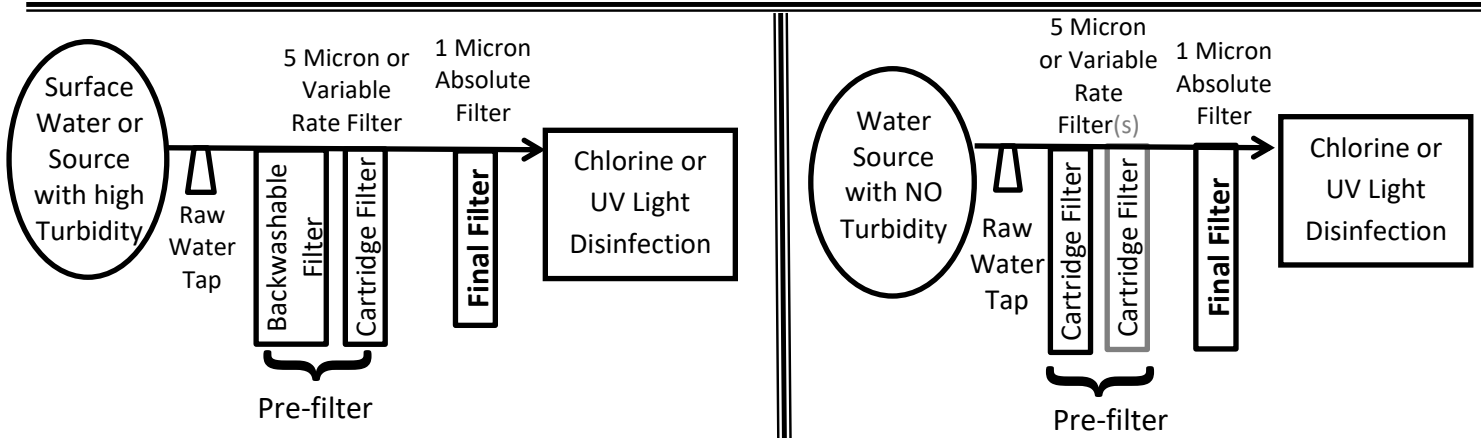
Chautauqua County Environmental Health Services (716) 753-4481

* This system is intended for use in private homes that use a pond, spring, or dug well subject to surface contamination.

NOTE TO INSTALLER: You must certify that **ALL** steps were completed by placing a check mark in each box, signing this form, and returning it to the Environmental Health Services office or inspector. A copy of this form must be included with the maintenance instructions and/or manufacturers' literature.

- Plans and filter specifications MUST BE SUBMITTED** to Chautauqua Co. Environmental Health **BEFORE INSTALLATION.**
- Raw Water Tap** must be installed before filtration.
- Pre-filter:** Required for all sources. Type of filter is dictated by the water quality from the source; the more turbid (cloudy) the source, the more pre-filtration is needed.
 - Surface Water Source (i.e. pond, lake, reservoir)** – must use a backwashable multi-media pressure filter followed by one cartridge filter.
 - Spring or Dug Well** – must use one to two cartridge filters (10" fiber filters if no sediment is present in the water, otherwise must use 20" filters) or a backwashable multi-media pressure filter.
 - The last cartridge of the Pre-filter** must be either a 1 micron, 5 micron or a variable rate fiber filter.
- Final Filter** – A 1 micron **absolute** cartridge filter that is NSF approved for drinking water is required. The filter housing must be NSF approved and designed for use with the proposed 1 micron absolute fiber filter. The filter must be sized based on the maximum flow rate of the pump (most ½ h.p. submersible pumps 10 - 15 gpm, while shallow well jet pumps 5 - 10 gpm).
- Spare** cartridge filters must be kept on site.
- Disinfection:** Either a continuous feed chlorinator or an ultraviolet (UV) light system must be installed with particle filtration. Refer to applicable Chautauqua County Environmental Health Services standard on disinfection.
- Maintenance Instructions and/or Manufacturers' Literature** must be available on site for the buyer.

NOTE TO OWNER: Filter cartridges and media must be replaced following manufacturer recommendations. Pressure meters may be installed in between filters to help determine when cartridges should be replaced. We recommend the water be tested for bacteria at least once per year to check the effectiveness of the system. For seasonal homes, we recommend the water be tested for bacteria as soon as the water is turned on each year.



Address of Installation _____

Property Owner _____

Installed By: _____
 Company _____

 Name of Installer _____

Telephone # _____

 Date _____