

Water Treatment Table

Legend

- Preferred treatment
- Possible treatment
- E Point of Entry (POE)
- U Point of Use (POU)

This table can help you choose a water treatment method based on the contaminants in your water. Consider which treatment will be most effective at targeting all the contaminants in your water system. Click on the links in the table for more information about a contaminant or treatment option. If you have questions, contact the Drinking Water Program at AHS.VDHDinkingWaterProgram@vermont.gov or by calling 802-489-7339.

	<u>Arsenic</u> ¹	<u>Bacteria</u>	<u>Chloride</u>	<u>Copper</u>	Fluoride	<u>Gross Alpha Radiation</u> ²	<u>Hydrogen Sulfide</u>	<u>Iron</u>	<u>Lead</u>	<u>Manganese</u>	<u>Nitrate</u>	<u>Odor</u> ³	<u>Radon</u>	<u>Radium</u>	<u>Sodium</u>	<u>Uranium</u>
<u>Adsorptive Media</u>	• EU				• EU							• E	• E			
<u>Aeration</u>							• E									
<u>Anion Exchange</u>	• E		◦ E		• E						• E					• E
<u>Carbon Filtration</u>							• E		• U			• E	◦ EU			
<u>Chlorine Injection</u>		• E					• E					• E				
<u>Distillation</u>	◦ U		◦ U	◦ U	◦ U			◦ U	◦ U	◦ U	◦ U				◦ U	
<u>Oxidation/Filtration</u>	◦ EU						• E	• E		• EU						
<u>pH Neutralization</u>				• E					• E							
<u>Reverse Osmosis</u> ⁴	• U		• EU	• U	• U	• U			• U	• U	• U	• U		• U	• EU	• U
<u>Shock Chlorination</u>		• E					• E					◦ E				
<u>UV Disinfection</u>		• E										◦ E				
<u>Water Softener</u>				◦ E				• E		• E				• E		

¹ The species of arsenic may affect the efficiency of treatment.

² Gross alpha treatment will depend on the source of radiation, i.e. uranium or radium.

³ The source of odor will affect which treatment works best.

⁴ Point of use reverse osmosis is preferred in almost all cases, but point of entry and whole home treatment is possible.