

## Water Treatment System Classification:

<b>Date:</b>	
<b>Completed by:</b>	

<b>Supply Name:</b>	<b>PWSID No.</b>	
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		Classification	Applicable
Source Water	Surface Water source, with treatment facility capacity greater than 1.5 Million Gallons per Day	A	
	Surface Water source, with treatment facility capacity less than or equal to 1.5 Million Gallons per Day	B	
	Ground Water Under Direct Influence of Surface Water (GWUDI)	B	
	Purchased water, with further treatment by the purchasing system (other than chlorination or ion exchange softening)	D	
	Ground Water (Not GWUDI), with treatment other than chlorination or ion exchange softening	D	
	Ground Water (Not GWUDI) or Purchased Water with chlorination or ion exchange softening only	See Classification Table 2	
	Ground Water (Not GWUDI) or Purchased Water with no treatment		
Disinfection	Chlorine Dioxide	B	
	Ozone	B	
	Ultra Violet Light	D	
	Gas Chlorination with one-ton containers [in combination with other treatment other than ion exchange softening]	C	
	Gas Chlorination, Calcium or Sodium Hypochlorination in combination with other treatment other than ion exchange softening	D	
	Chloramines	D	
Chemical Treatment	Chemical Oxidation (example—potassium permanganate)	C	
	Coagulation—Groundwater	C	
	Coagulation—Surface Water	B	
	Fluoridation	D	
	Ion Exchange (for purposes other than softening including processes such as nitrate removal)	C	
	Lime/Soda Softening	C	
	Sequestration	D	
	pH, alkalinity adjustment	C	
Physical Treatment	Adsorption (example—Activated Carbon)	C	
	Aeration (examples—cascade, diffused, packed tower, slat tray, spray)	D	
	Filtration (example—greensand, pressure, rapid gravity, slow sand)	C	
	Reverse Osmosis, Membrane Filtration, Ultrafiltration	B	

Ion Exchange (for softening) is included in all treatment and distribution certifications. The level of certification required will be determined by the other treatment or distribution characteristics as appropriate	Each type and level	
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**Based on the highest level applicable, this Treatment system is classified at the following level :**

**Water Distribution System Classification:**

<b>Date:</b>	
<b>Completed by:</b>	

<b>Supply Name:</b>	<b>PWSID No.</b>	
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		<b>Classification</b>	<b>Applicable</b>
Population served by dist. system	Greater than 10,000	DS III	
	Between 3,301 to 10,000	DS II	
	Up to 3,300	DS I	
Pressure Zones	Multiple, interconnected pressure zones	DS II	
	Single pressure zone in system	DS I	
Distribution Source Water	Multiple sources (distributed water is blended from more than one treatment facility, well or purchased source and finished water from various sources are substantially different in chemical characteristics)	DS III	
	Multiple sources (distributed water is blended from more than one treatment facility, well or purchased source and finished water from various sources are substantially the same in chemical characteristics)	DS II	
	Single source (distributed water comes from a single treatment facility, well, or purchased from a single source at any one time)	DS I	
System Storage	Multiple gravity storage facilities or water must be pumped from storage facility	DS II	
	Pneumatic tanks or single gravity storage "floating on system"	DS I	
Valves	Altitude valves in system	DS II	
	Pressure reducing valves necessary on customer lines	DS II	
Disinfection	Gas Chlorination is the only distribution system treatment	DS II	
	Calcium or Sodium Hypochlorite is the only distribution system treatment	DS I	
	Water in distribution systems from surface water source is re-chlorinated	DS III	
Fire Protection	Fire protection is provided by distribution system	DS II	
	No fire protection provided by distribution system	DS I	

<p>Ion Exchange (for softening) is included in all treatment and distribution certifications. The level of certification required will be determined by the other treatment or distribution characteristics as appropriate</p>	<p>Each type and level</p>	
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<p><b>Based on the highest level applicable, this Distribution system is classified at the following level :</b></p>	
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