

Classification of Water Treatment Plants

| Class of Plants | Types of Treatment Systems | Typical Processes Included in the System |
|------------------------|--|---|
| T1 | Disinfection | Chlorination |
| T2 | Chemical Treatment | Chlorination, pH control, and fluoridation |
| T3 | Simple Iron Removal | Chlorination, pH control, fluoridation, filtration, and iron removal utilizing ion exchange or contact oxidation processes |
| T4 | Complete Treatment | Chlorination, pH control, fluoridation, aeration, coagulation, sedimentation, filtration, and complex iron removal |
| T5AS | Arsenic | Treatment to remove arsenic; supplemental classification |
| T5DE | Diatomaceous Earth | Treatment by diatomaceous earth to remove particles; supplemental classification |
| T5GW | Groundwater Under Direct Influence (GWUDI) | Disinfection and filtration to remove particles; stand-alone classification |
| T5RO | Reverse Osmosis | Treatment by reverse osmosis to remove particles and radionuclides; supplemental classification |
| TG | No Chemical Treatment | Systems with no treatment or with passive treatment like UV disinfection |
| D1 | Distribution Systems | Water distribution systems, includes disinfection. A water distribution system is not classified as a separate entity if it is under the operation and supervision of certified water treatment plant personnel |