DUTIES AND RESPONSIBILITIES OF A PUBLIC WATER SYSTEM’S CERTIFIED TREATMENT OPERATOR

PWS TYPE: Community and Non-Transient Non-Community Public Water Systems

CLASS: I and II Water Treatment Plant Operators

The Certified Treatment Plant Operator shall:

- be responsible for the day to day operation of the water treatment system
- ensure the delivery of safe water at all times by complying with the Public Health Code of the State of CT
- utilize appropriate safety equipment as prescribed by the manufacturer, Department of Public Health (DPH), or OSHA
- ensure that all treatment equipment is maintained and operated properly according to the manufacturers’ specifications and recommendations
- inspect the water system’s source, storage facilities, treatment equipment, pumping equipment and distribution network, as per the manufacturers’ recommendations and the American Water Works Association (AWWA) standards
- measure and record all chemical dosage rates as needed
- ensure that daily chlorine residuals and pH levels are properly measured and recorded as required. This task can be delegated to properly trained personnel
- ensure that all samples are delivered to a certified lab as to allow sufficient time so that all results regarding the water treatment system are received by DPH within the specified time frames
- add all chemicals when necessary
- make all chemical adjustments as needed
- be aware of all changes in regulations regarding water treatment
- contact all appropriate parties regarding violations of the public water system
- attend training programs and workshops to keep current of technical improvements
- keep accurate records of repairs and routine maintenance performed on the treatment equipment (including filter replacement and repairs)
- keep accurate well production and operational records
- ensure that DPH approval has been obtained prior to starting treatment or changing chemical types and/or manufacturers
- perform all duties of a Small Water System Operator when operating a small water system

Effective Date: August 3, 2001

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