

64659 Reliability

(a)

The following reliability features shall be included in the design and construction of all new and existing surface water treatment plants: (1) Alarm devices to provide warning of coagulation, filtration, and disinfection failures. All devices shall warn a person designated by the supplier as responsible for taking corrective action, or have provisions to shut the plant down until corrective action can be taken. (2) Standby replacement equipment available to assure continuous operation and control of unit processes for coagulation, filtration and disinfection. (3) A continuous turbidity monitoring and recording unit on the combined filter effluent prior to clearwell storage. (4) Multiple filter units which provide redundant capacity when filters are out of service for backwash or maintenance.

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(4)

Multiple filter units which provide redundant capacity when filters are out of service for backwash or maintenance.

(b)

Alternatives to the requirements specified in section 64659(a) shall be accepted provided the water supplier demonstrates to the satisfaction of the State Board that the proposed alternative will assure an equal degree of reliability.