

**Title 10 – Department of Natural Resources
Division 20 – Clean Water Commission
Chapter 8 – Minimum Design Standards**

PROPOSED AMENDMENT

10 CSR 20-8.130 Pumping Stations. The Clean Water Commission is amending Section (7).

Purpose: This amendment allows for an alternative design of emergency operations at sewage pump stations in cases where the required storage is not practicable.

(7) Emergency Operation. **To prevent the discharge of raw wastewater, pumping stations shall be equipped to address emergency operations. In addition to the required emergency means of operation and a storage/detention basin or tank, at least one of the following shall be provided:**

- (A) *[In addition to the required emergency means of operation and a storage/detention basin or tank, the following minimum retention time shall be provided:*
 - 1.] For facilities with a design average flow of one hundred thousand (100,000) gallons per day or greater, a storage capacity for two- (2-) hour retention of the peak hourly flow;
 - 2.](B) For facilities with a design average flow of less than one hundred thousand (100,000) gallons per day, a storage capacity for four- (4-) hour retention of the peak hourly flow[.];
- (C) **With sufficient engineering justification, designers can propose an alternative method to address emergency operations. At a minimum, this would include a reasonable amount of retention along with a dedicated generator of sufficient capacity capable of automatic start up during power outages. All emergency equipment must be designed such that its operations can be tested on a regular schedule; or**
- [(B)](D) Independent Utility Substations. Where independent substations are used for emergency power, each separate substation and its associated distribution lines shall be capable of starting and operating the pump station at its rated capacity.

*AUTHORITY: section 644.026, RSMo 2016. * Original rule filed Aug. 10, 1978, effective March 11, 1979. Amended: Filed June 15, 2018, effective Feb. 28, 2019.*

**Original authority: 644.026, RSMo 1972, amended 1973, 1987, 1993.*

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.