

ORD. AMDT. 25, 12-13

AMENDING CHAPTER 46 OF THE DANE COUNTY CODE OF ORDINANCES,  
REGARDING BEACH WATER SAMPLING AND CLOSURES

The County Board of Supervisors of the County of Dane does ordain as follows:

ARTICLE 1. Unless otherwise expressly stated herein, all references to section and chapter numbers are to those of the Dane County Code of Ordinances.

ARTICLE 2. Section 46.53 is amended to read as follows:

46.53 BEACH WATER SAMPLING. (1) At least one set of bacteriological samples shall be collected from representative locations throughout the swimming area one time per week during the swimming season and at periods of peak usage. The samples shall be submitted to a laboratory certified under chapter HSS 165 to perform water microbiological analysis. A set of samples shall be all samples collected during any one day. The required samples may be collected by the beach operator or the division. (2) Samples shall be collected within one foot of the surface in knee-deep water.

ARTICLE 3 Section 46.54 is amended to read as follows:

46.54 CLOSING OF PUBLIC BEACHES. When one or more of the following subsections are not complied with, the beach shall be closed to the public until compliance is achieved.

(1) *Microbiological quality.* A beach must be closed when a beach water E.coli density of a single sample exceeds 1,000 MPN per 100 mL. When it is determined that a beach is closed, a daily sample shall be collected and analyzed during the period of closure. A beach is also closed when:

- (a) A waterborne (suspected or confirmed) illness outbreak is linked to the beach;
- (b) A sanitary sewer break or leak that is likely to impact a beach is reported;
- (c) A sewerage or other hazardous spill impacting a beach takes place;
- (d) Excessive rainfall (> 0.5 inches) during preceding 24 hours;
- (e) Potentially toxic cyanobacteria population density is high and/or cyanotoxin testing determines unsafe conditions.

(2) *Chemical quality.* The water shall be free of chemical substances capable of creating toxic reactions or irritations to the skin or membranes of swimmers.

(3) *Physical quality.* As determined by visual examination the water shall be free of excessive debris, growths, oils, greases, weeds, algae or other substances capable of creating a health or safety hazard or a nuisance to swimmers. A black and white Secchi disc 6 inches in diameter on a white field placed at a depth of at least 4 feet of water may be used as a guide when determining the visibility in the water.