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State Environmental Commission

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R102-16: This permanent regulation revises NAC 445A. The State Environmental Commission adopted permanent regulation amendments that revise the *Standards for Water Quality* to align with the most current recommended numeric criteria published by the federal Environmental Protection Agency (EPA) for *Escherichia coli* (*E. coli*) bacteria to protect the water contact recreation beneficial use. The proposed revisions include: (1) change the existing reference period from annual geometric mean (AGM) to geometric mean (GM) for all waters that have an existing AGM to protect the water contact recreation beneficial use; (2) change the unit of measurement from most probable number (MPN) per 100 mL to colony-forming-units (CFU) per 100 mL; (3) remove existing single value (SV) criteria of 235 MPN, 298 MPN and 576 MPN and replace with a SV of 410 CFU; (4) add a footnote that explains frequency and duration limits of the GM and SV criteria; and (5) add a definition of colony-forming-units.

Authority citation other than 233B: NRS 445A.425

Notice date: October 31, 2017

Hearing date: December 5, 2017