

Beach Monitoring

- **2013 qPCR Performance/Demonstration Project:** Found that the EPA standard is not appropriate for the analysis of enterococci bacteria in Virginia Beach.
- **2015-2016 VIMS Predictive Modeling Project:** Analysis of data from 10 Norfolk beaches and 5 Newport News beaches to determine if bacteria levels are related to environmental variables and if a predictive model can be established.
 - May 2017: VDH will not pursue future development of a predictive model due to data needs, applicability of model output, and other concerns.
- **2017-2018 Evaluation of “[Virtual Beach](#)”:** VDH Coastal Beach monitoring program is investigating Virtual Beach, a free modeling program developed by Wisconsin Sea Grant, for use at sites with at least 2 years of seasonal M-Th monitoring data.