

January 17, 2017

Consolidation of North Carolina Health Department Pool Topics – 2017

1. Subject – Revised Pool Drain Safety Compliance Data Sheet

A revised Pool Drain Safety Compliance Data Sheet is attached. The pool owners and operators should find it easier to use.

Additionally, instructions for completing the form are attached in a separate document. It is recommended that the instructions be printed on the back of the Data Sheet or enclosed with the Data Sheet to assist pool owners and operators in completing the form. Included in the instructions are links to Mecklenburg County's website to access information for pump flows and drain cover flows. This information is more current than the links on the DHHS website.

If you have customized forms, you may continue to use them as long as they contain the same information as on the attached form.

Please remember that pools with multiple pumping systems (such as hydrotherapy or feature pumping systems) must submit a form for **EACH** pumping system.

Rule .2539(c) states the following:

(c) Prior to issuance of operation permits, owners of all public swimming pools shall provide documentation to the Department to verify suction outlet safety compliance. This documentation shall include:

- (1) Documentation of the maximum possible flow rate for each pump suction system. This shall be the maximum pump flow shown on the manufacturer's pump performance curve except where flow reductions are justified with total dynamic head measurements or calculations; and
- (2) Documentation that cover/grates meeting ASME/ANSI A112.19.8-2007 are installed in compliance with the standard and manufacturer's instructions. This includes documentation that each cover/grate on a single or double-drain pump suction system is rated to meet or exceed the maximum pump system flow and that cover/grates on a pump suction system with three or more suction outlets are together rated to always meet or exceed the maximum pump system flow with one drain completely blocked; and
- (3) Documentation that drain sumps meet the dimensional requirements specified in the cover/grate manufacturer's installation instructions.