

VGBA COMPLIANCE DATA SHEET

Name and address of pool: _____

Pool location: Indoor _____ Outdoor _____

Pool type: Swimming Pool _____ Wading Pool _____ Spa _____

Water features: Hydrotherapy Pump _____ Slide _____ Waterfall _____ Other _____ N/A _____

Volume of pool (gallons) _____

Pump information Manufacturer _____ Make _____ Model Number _____

HP of Pump _____ Flow Rate GPM (Maximum flow from pump curve) _____ (MULTIPLE PUMPS REQUIRE INDIVIDUAL DATA SHEETS)

Drain cover information Manufacturer _____ Make _____ Model Number _____

Date Installed _____ Location of installation Floor _____ Wall _____

Expiration Date of Drain Covers _____

Dimensions of Drain Cover (inches) _____ Shape (round, rectangular, square, etc.) _____

Flow rate of drain cover in gallons per minute (GPM) _____

Drain cover conforms to ASME/ANSI A112.19.8-2007 or newer standard: Yes _____ No _____

Single Main Drain: Yes _____ No _____

Is this drain larger than 18"x23" Yes _____ No _____ N/A _____ (If no, go to Secondary Back up System)

Multi-drain system Yes _____ No _____ N/A _____

Is the multi-drain at least 3' from pipe center to pipe center Yes _____ No _____ N/A _____

Distance (inches) _____

Secondary Back up System - Safety Vacuum Release System (SVRS) compliant with ASME/ANSI A112.19.17 or ASTM-F2387.

Make and Model Number _____

Sump information Manufacturer _____ Make _____ Model _____

Width (inches) _____ Depth (inches) _____ Length (inches) _____

Is the sump? Existing _____ or New _____

Is the sump field Fabricated? _____ or Manufactured? _____

Date sump installed _____ Size of suction pipe (inches) _____

Clearance between the bottom of the drain cover and the opening of suction pipe (inches) _____

Vacuum Line – Choose One

_____ No Vacuum Line in Pool

_____ Protective cover on vacuum lines installed before May 1, 2010 or

_____ Self-closing, self latching cover designed to be opened with a tool on vacuum lines installed after May 1,2010

Equalizer line cover information

Number of operable skimmer equalizer _____ OR have the equalizers been disabled? **YES/NO**

Manufacturer _____ Make _____ Model # _____

Flow Rate (GPM) _____ Equalizer line cover installation date _____ Expiration Date _____

Size of Equalizer lines _____ (inches) # of Equalizer line covers _____ N/A _____

- Beginning immediately, pools may disable (plug) their skimmer equalizer lines.
- Disabling or plugging skimmer equalizer lines will eliminate the need for equalizer line covers and thus eliminate potential submerged suction hazards at many pools.
- Pools are not required to permanently disable or plug their skimmer equalizer lines. It is optional.
- Existing pools that would like to keep their equalizer lines covered with appropriate equalizer fittings may do so. The pool owner or operator will need to provide information regarding the manufacturer, model, maximum flow, life span and installation date on the Pool Drain Safety Compliance Data form that is submitted to the local health department each year.
- For pools that choose the option to permanently disable or plug their skimmer equalizer lines, it will eliminate the need to maintain and provide updated equalizer line covers.
- This applies to the equalizer line only, skimmers must remain operational and be equipped with weirs, baskets and appropriate lids on the deck level.
- For pools that disable or plug their skimmer equalizer lines, the owner or operator will need to indicate this on a new Pool Drain Safety Compliance Data form prior to permitting and attach information describing how the equalizer lines were disabled and the date on which it was completed.

Option #1 – Plugged at wall

- Plug with a solid plug that will not allow water to pass through or around it.
- Plug at the wall cannot protrude more than 2 inches from the finished pool wall surface.
- Plug should not be able to be removed by hand. A tool should be needed to remove the plug at the wall. Underwater adhesive or pipe glue can be used per label directions.
- Plug equalizer line under skimmer basket. (Plug the equalizer line, not the line to the pump.)
- There should be no stagnant water between the plugs. The water level of the pool will need to be lowered below the equalizer line opening below the skimmer to do this.

Option #2 – Plastered over at wall

- Plaster at wall should be flush as possible and cannot protrude more than 2 inches.
- Plug equalizer line under skimmer basket. (Plug the equalizer line, not the line to the pump.)
- There should be no stagnant water between the plaster and the plug. The water level of the pool will need to be lowered below the equalizer line opening below the skimmer to do this.

Note: If skimmer equalizer lines are disabled (plugged), then the owner/operator must be sure to maintain the pool’s water level up to the mouth of the skimmers at all times to ensure that the pump maintains flooded suction. If the water level falls below the skimmer mouth, this can cause the pump to draw in air and the pump may fail. Autofill systems to maintain the pool water level are not required, but are recommended.

Owner/Operator/PE (title) Signature _____ Date _____

Instructions for Completion and Submission of Pool Drain Safety Compliance Data Form

Please review the instructions below to ensure the Pool Drain Safety Compliance Data form is properly completed and submitted with all information required. All submissions will be need to be approved and verified by the Health Department prior to the issuance of an operation permit for the pool in accordance with Rule .2539(c).

POOLS WITH MULTIPLE PUMPING SYSTEMS MUST SUBMIT A FORM FOR EACH PUMPING SYSTEM.

- 1) **PUMP FLOW** – Enter the maximum flow from the manufacturer’s pump performance curve. Pump curves can be found online at <http://ehs.ncpublichealth.com/faf/pti/drainsafety.htm> and <http://charmeck.org/mecklenburg/county/HealthDepartment/EnvironmentalHealth/PublicSwimmingPools/Pages/default.aspx>
- 2) **DRAIN SUMP MEASUREMENTS** – Measurements are needed to determine the size of the cover/grate and to assure the sump is deep and wide enough to meet the requirements in the cover/grate manufacturer’s specifications. Information on documenting the size of the drain sump can be found at: <http://ehs.ncpublichealth.com/faf/pti/drainsafety.htm>
- 3) **DRAIN COVER/GRATE DATA** – Enter the manufacturer, model, lifespan expiration date and maximum flow for the main drain cover(s). Various approved covers can be found under *VGB Approved Drain Covers and Equalizer Covers* listed at the following website: <http://charmeck.org/mecklenburg/county/HealthDepartment/EnvironmentalHealth/PublicSwimmingPools/Pages/default.aspx> or at the drain cover manufacturer’s website.
- 4) **EQUALIZER COVERS** – Enter the number of operable equalizer line covers, the manufacturer, model, lifespan expiration date and maximum flow for the equalizer covers. Various approved covers can be found under *VGB Approved Drain Covers and Equalizer Covers* listed at the following website: <http://charmeck.org/mecklenburg/county/HealthDepartment/EnvironmentalHealth/PublicSwimmingPools/Pages/default.aspx> or at the equalizer cover manufacturer’s website. If all equalizer lines are disabled or pool has no equalizer lines, please indicate and provide details on the form.
- 5) **SAFETY VACUUM RELEASE SYSTEM (SVRS)** – SVRS is required if dual drains are closer than 3 feet on center or pump has a single drain with a blockable cover or blockable sump. Enter the manufacturer of the safety vacuum release system (SVRS). If using another secondary method of preventing bather entrapment allowed in Rule .2539(b), please attach documentation.
- 6) **VACUUM LINE** – If vacuum line ports are present in the pool, please indicate the type of cover(s) on the form.

FORM COMPLETION – A separate Pool Drain Safety Compliance Data form must be completed and submitted for each individual pool at a facility including spas, wading pools, and other pools.

The Health Department understands that the required information and/or measurements may be beyond the scope of owners or operators. In those cases, it is recommended that you contact a Registered Design Professional (Professional Engineer or Licensed Architect) or a knowledgeable pool professional to assist you in completing the form.