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The City of Four Seasons

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CHLORINATED POOL WATER DISCHARGE GUIDELINES

Water from swimming pools and hot tubs often contains high levels of chlorine. Discharging chlorinated pool water into streams, creeks, stormwater systems or other waterways is harmful to fish and other aquatic life. This fact sheet was developed to provide you with information on best management practices that will minimize the impact of chlorinated water discharged from swimming pools and hot tubs.

The discharge of chlorinated pool water and backwash, to any waters of the State or storm sewers is a violation of the City of Hendersonville's Stormwater Ordinance (Ord. No. 11-0419, § 2, 4-7-11). Chlorinated water should not be discharged into storm sewers or surface waters. This is especially true for large pools such as community swimming pools. Discharge to a sanitary sewer is NOT permitted by the City of Hendersonville.

The City of Hendersonville allows discharge of de-chlorinated water from pools or hot tubs into storm sewers and surface waters under the following circumstances.

Chlorinated Pool Water Discharge Guidelines:

- Prior to disposing of the water, shut off the chlorination system if you have one, or stops adding chlorine.
- Hold the water in the pool or hot tub for at least one week to reduce the chlorine level.
- Measure the chlorine level in the pool or hot tub prior to discharging the water. Chlorine measurements can be made with a chlorine test kit (colorimetric). The water should not show any detectable levels of chlorine because chlorine is harmful to fish and other aquatic life even at low concentrations. A longer holding period may be necessary if chlorine levels continue to remain at detectable levels at the end of two weeks.
- Discharge the water so it does not flow over someone else's property.
- Discharge the water in a manner that will prevent nuisance conditions (such as creation of odors, and fly and mosquito breeding conditions). Nuisance conditions occur when water is ponded for a prolonged period of time.
- If possible, discharge water from pools or hot tubs on clear weather days when stormwater flows will be at the lowest levels.

** The City asks that if you plan to discharge chlorinated pool or hot tub water to please contact Michael Huffman the Stormwater Quality Specialist by phone: 828-697-3013 or email: mhuffman@hvinc.gov prior to discharging. The City can provide testing to ensure chlorine levels are low enough to allow safe discharge to local waterways. **

where do you suggest we send backwash water to?

305 Williams Street
Hendersonville, NC 28792-4461

bdetwiler@hvinc.gov
www.hendersonvillenc.gov

Phone: 828.697.3000
Fax: 828.697.3066

Garrett Rapp

From: poolsandspas <poolsandspas@bellsouth.net>
Sent: Thursday, September 29, 2016 4:52 PM
To: Garrett Rapp
Subject: Re: Meeting with City of Hendersonville
Attachments: City of Hville Water.jpg

Attached is the response from Hendersonville water. Would like your input.

On Thursday, September 22, 2016 3:54 PM, Garrett Rapp <grapp@hendersoncountync.org> wrote:

Good Afternoon Angela,

We are swamped and will not be able to attend the meeting. If you have a copy of the rules look on page 5 .2513 (a) and (b).

(a) Sewage shall be disposed of in a public sewer system or, in the absence of public sewer system, by an approved, properly operating sanitary sewage system.

(b) There shall be no direct physical connection between the sewer system and any drain from the swimming pool or circulation system. Overflow from the swimming pool, and discharges from the circulation system, when discharged to the sewer system, storm drain or other approved natural drainage course, shall be discharged through a suitable air gap so as to preclude the possibility of back flow of sewage or other waste water into the swimming pool or the swimming pool piping system. Deck drainage shall be discharged through an indirect drain.

I hope this helps, let me know if you get this e-mail. Have a great day!

Garrett

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