

**MONTHLY NEWSLETTERS** printed on the back of the bills are designed to keep you informed about important issues and events in our community. Take a moment to review the back of each bill so you can stay up-to-date. Additionally, the newsletters will be posted on our web page [rollinghillsglencairn.com](http://rollinghillsglencairn.com).

**WATER SYSTEM** Our water treatment facility is managed by **King Water**. If you have questions about water quality, feel free to call them at 360-678-5336. For after-hours water emergency, please contact **888-266-7048**. Charge-backs from King Water for residential investigation call outs requested by members will be passed on to the customer. Remember to call King Water for emergencies, not residential maintenance. For billing inquiries, continue to call the Rolling Hills Glencairn Office at 360-678-7446.

The **COMMUNITY DOCK, BEACH AND PIER** are private membership amenities available for your enjoyment. To access them, you will need a keycard. If you don't have one yet, simply contact the office. Limit 1 per household. The float will return by Memorial Day weekend and will remain in place through Labor Day. This facility is for day use only, and there is no overnight moorage.

The **BASKETBALL COURT and BASEBALL FIELD** are available to use on a first come, first serve basis. For evening play, there's a push button light on the light post for evenings. The basketball court closes at 10pm, so please be considerate and refrain from playing after this time.

## Water System Update:

**By the time this is received**, the new filtration system should be up and running at Rolling Hills-Glencairn! Our cutting-edge treatment system features a **biological filtration method** that will harnesses the power of naturally occurring bacteria to tackle contaminants like ammonia. How does this new system work? Let's dive into the details—

**Nitrification** is the heart of biological filtration. It involves naturally occurring **bacteria** that are already present in the water. These bacteria perform a two-step process. First, they convert ammonia (NH<sub>4</sub>) and oxygen (O<sub>2</sub>) into **nitrite** (NO<sub>2</sub>). Next, they transform the nitrite into **nitrate** (NO<sub>3</sub>). The entire process uses about **4.5 milligrams of oxygen (O<sub>2</sub>)** for every milligram of **ammonium nitrogen (NH<sub>4</sub>-N)** present in the water. Aeration is essential for any biological ammonia treatment system, ensuring sufficient oxygen supply for the bacteria.

**How It Works:** Imagine a **granular-packed column** acting as a bed. Water flows through this column, allowing the naturally occurring bacteria to thrive. As water passes through, these bacteria efficiently remove ammonia, promoting cleaner water.

### **Benefits:**

- **Natural:** Biological filtration leverages the power of nature's own microorganisms.
- **Cost-Effective:** It's relatively economical compared to some other methods.
- **Ammonia Removal:** By reducing ammonia through biological filtration, chlorine levels are more stable. This means less chlorine or other chemical disinfectants are required to maintain safe water quality.

So, in a nutshell, biological filtration relies on the remarkable abilities of bacteria to improve water quality. By harnessing nature's microorganisms, it creates healthier water for everyone. However, it's essential to remember that this method does not soften the water. You may want to consider additional filtration systems for your home.

Rolling Hills-Glencairn has been invited to participate in the **WA Department Of Health– Office of Drinking Water Pilot Initiative**. Our role? To contribute to the study of strategies for controlling Disinfection By-Products (DBPs). The WA DOH will analyze water samples to shape future testing regulations and requirements.



**If you have questions, complaints or need information in Island County, please call:**

Building Permit Requirements, Decks and Fences	Building Division	360-679-7339
Trash, Sanitation, Septic Issues	Environmental Health	360-679-7350
Home Businesses, Zoning or Land Issues, R.V. Complaints	Code Compliance	360-678-7809
Outdoor Storage of Junk or Junk Vehicles	Code Compliance	360-678-7809
Roads, Mowing & Ditch Maintenance	Road Department	360-679-1331 or 360-675-2004
Drainage, Abandoned Vehicle & Right of Way obstructions	Public Works	360-678-7813
Noise, Animal Control, Dog & Cat Complaints, Speeding	Island County Sheriff	360-679-9567 non-emergency