

S U M M E R 2 0 1 8

Water Matters

Sky Hi Retreat Water Board:

Providing safe, high quality water services to our community, while maintaining a standard of excellence in customer service and environmental conservation.

Open House

The Water Board and Property Owners Association are hosting an open house to show off some of the improvements.

Saturday, June 30th

10:00-2:00 = Open House

11:00 = Potluck BBQ

12:00 = Water Supply Seminar by Neal Whittle (Rural Water Assoc.)

More details can be found on Next Door. Sign up at
www.NextDoor.com

Also, don't forget to click on over to our new and improved water website. **www.SkyHiWater.org**

- Pay your bill
- View web cam
- Subscribe for alerts
- Do much, much more!



Drought Contingency Plan

The water board drafted a drought contingency plan over this past winter. Please take a moment to check out our drought plan located on our website, by going to the Forms and Reports tab and selecting "Drought Contingency".

Beware of leaks like this one. Report them to Barry ASAP if you spot one! Barry's contact info is located on the back of this newsletter.



Meet Your Board

The Sky Hi Domestic Water Improvement District is comprised of volunteer board members.

President: Bill Lucas

Treasurer: Maury Williams

Secretary: Richard Inman

Member: Susan Rodriguez

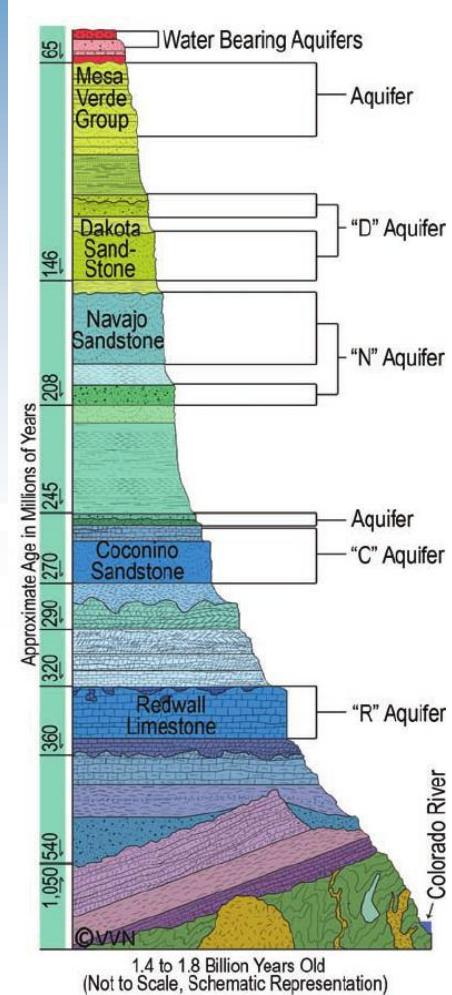
Member: Bill Bro

Where does our water come from?

Sky Hi Retreat water is serviced from two wells on the pump house property. Each well is drilled to a depth of about 425 feet below the surface. The water level in the wells range from 200' to about 30' above the bottom of the wells. Each well has a pumping capacity of 50 gallons/min. There are two 60,000 gallon storage tanks for surplus water storage. Monthly water production ranges between 175,000 gallons in the winter to 750,000 gallons in the summer.

Geologically, Sky Hi Retreat is located on the Colorado Plateau Uplands, which consists of layers of sedimentary rock. Each layer is visible in the Grand Canyon walls. Each rock layer has a unique water retention characteristic dependent on the type of rock layer, fractures and cracks and interconnected rock fractures. Therefore, a well drilled here must intersect sufficient fractures transmitting water. Sky Hi's aquifer is a combination of lava rock cinders and malapai.

Because of Arizona's arid and semi-arid climate, on average, recharge to groundwater is estimated to be 2%-3% of the average annual rainfall. Shallow wells, like Sky Hi's, are influenced by the local rainfall amounts. Deeper wells that access the Coconino Sandstone Aquifer are not susceptible to local rainfall amounts and provide a reliable water source even during drought conditions.



Be Fire Wise

We've all seen the Stage 3 Fire Restriction flyers around town and on our bulletin board. But there is even more we can do to reduce the risk of fire in our amazing neighborhood. Here are a few suggestions from the Firewise Program:

- Clear pine needles from your property, including rain gutters and along fence lines
- Move your firewood (or anything that could become fuel for fire) at least 30 feet from your home.
- Trim back any shrubs or tree branches that come closer than 5 feet to your house.

Stay connected!

Water Trouble?
Billing Questions?
Email:
Website:

Barry Harville, Water Operator
Stephanie Irwin, CPA
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www.SkyHiWater.org

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