

Rural Suburban Home Rainwater Collection



Presented by Karen & Leonard

Huber

Rainwater Revival ★ November 2, 2013

OUR RWHS

- **BUILT IN 2001**
- **ALL-House Water**
- **SELF INSTALLED**
- **COST: \$ 10,000**



SPECIFICATIONS

- **Fiberglass Cistern**
 - Capacity = 12,500 gal.
 - 14ft. X 14ft.
- **Capture surface**
 - 4300 sq. ft.
 - House & Garage
- **WISY Vortex Roof Washer**
- **Filtration:**
 - 5 & 3 micron filters
 - UV filter
- **Fire Hose Connection**



Some Photos:



Fire Hose Connection



Cistern near house



Not Planning Ahead!



Note under deck locations for cistern



Neighbors' Home – Cistern on Left



Neighbors' Cistern – 25,000 gal.



Huber Usage Data

- **In-house only use**
- **100 gal./day - 2 people**
- **Bought water? Yes**
 - When new
 - Broken Pipe
 - Cost = \$75-150/2000 gal.
- **Full during drought**
- **Water quality? Fabulous!**



Important Tips:

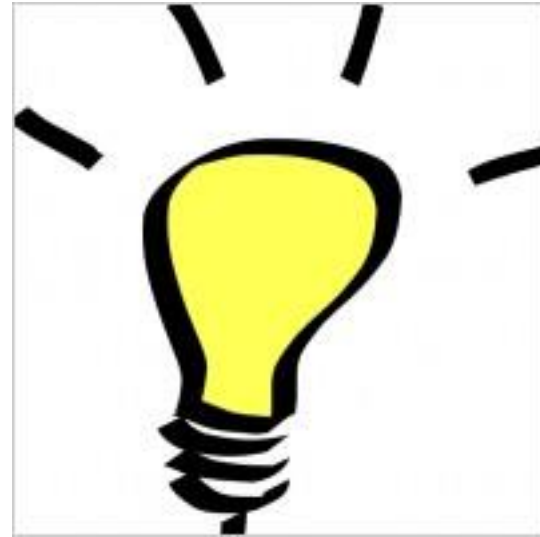
- **Good Maintenance**

- Roof/Plumbing/Systems Parts
- Change Filters regularly
- Do quick walk-arounds

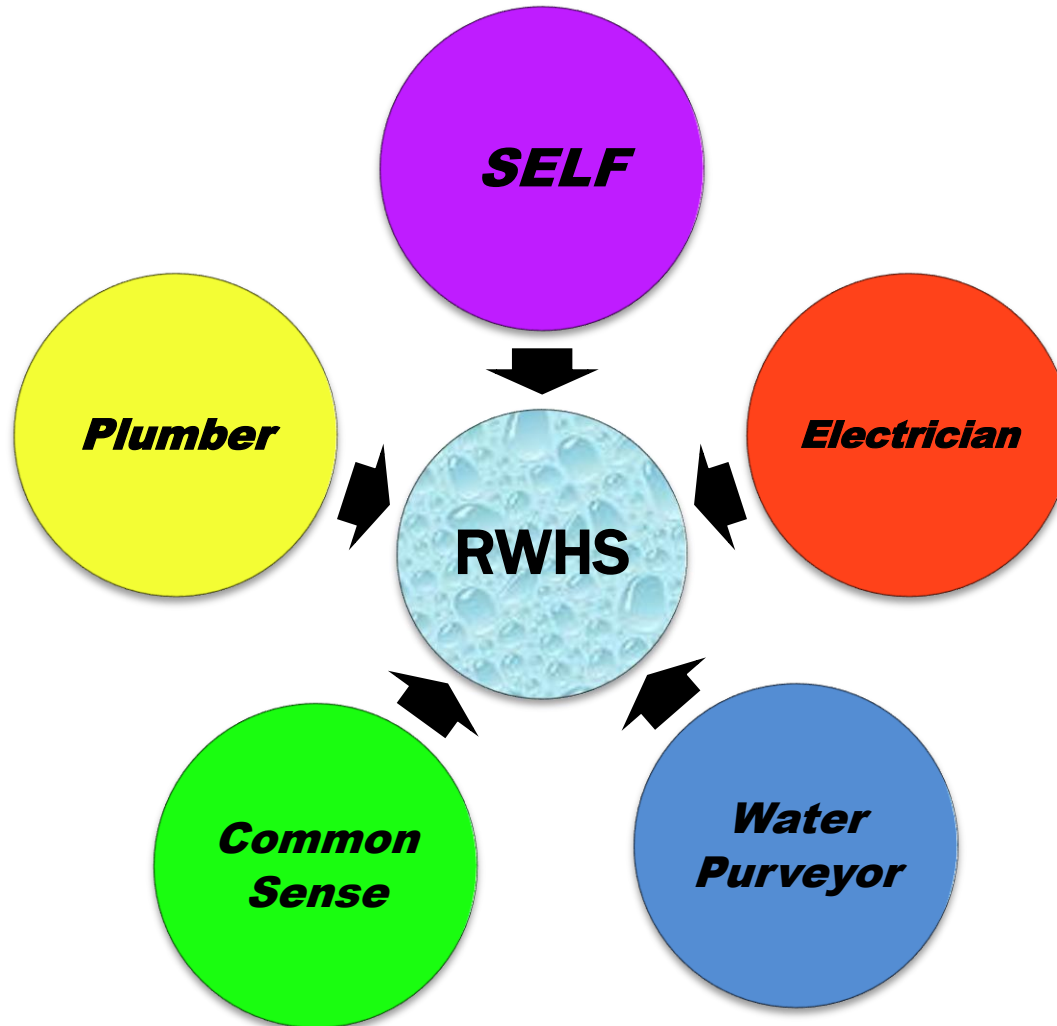
- **Develop support relationships**

- **Use Common Sense**

- Plan ahead – Building, Painting, etc.
- Flood/drought cycle
- Usage – indoor plumbing & fixture use & maintenance
- !!! You become aware of water as a finite source



A GOOD SYSTEM:





The Hubers



Our Rainwater!!!