

Water Report Summary and 4th Quarter for 2018

Presented at the Annual Meeting by Judi Shellenbarger, Water Coordinator

1. Roof hatch installed and in use by King Water to use with the filter tanks
2. 2017 Water Quality report mailed out to membership on June 29.
3. Survey of membership to determine the need for installation of backflow device to prevent contamination of water system mailed out. Stamped envelope addressed to King Water was included in the mailing. Surveys should have been returned to King Water. Not all have turned in the forms so expect a gentle reminder. I will be resending the forms to those who have not replied. The back-flow device protects you and the water system.
4. There were dead trees around the well house and Lefler tree service was called to cut them down. Good news no fallen trees on our well house during our wind storm.
5. The generator had its yearly maintenance by Peak Electric in September. During a power outage in December, our generator didn't turn on and we were without water. Peak came back and discovered there was an oil leak in the Block Heater which triggered the shut off. Block Heater was replaced.
6. Well system is on a regular maintenance plan. Regular monitoring of chemicals and contaminants in the water. Twice a year flushing of the system. Every other year the reservoir gets cleaned. Twice a week visits by King Water to monitor the system.
7. Water Use Efficiency Performance Report received and shared with the community. Our demand side goal needs to be discussed and set every six years. This is our year.
 - a. Current goal, set in in 2012, is 220 gallons per day
 - b. Actual average usage per day per household in 2017 was 279 gpd
 - c. Actual average usage per day per household in 2018 was 187 gpd
 - d. Must have been a good year as our gpd usage is way down. I know some folks had leaks, some repaired leaks. Some gardened more, some gardened less. Some have families, some travel, some are single. Over all, our community does a good job of using the water wisely. 87% at or below the goal.
8. Know your own water system.
 - a. Do you know where your inside water valves are to shut off sinks, toilets, dishwasher, washer, hot water. AND exercise them yearly to make sure they work.
 - b. Do you know where the outside water valve to your house is located
 - c. Purchase back flow preventers for your outside faucets if your faucets don't have them built in.

Suggestions/ Requests...

1. Just a reminder, our water system is our #1 priority. Parts of our system are old and will be needing replacement and repairs over the next few years, some of them major. The Board is aware of future possible problem areas. I would recommend a reserve fund in our financial accounting. If something major was to happen, and a loan was needed, there would be a better loan rate if there was a reserve fund showing there was some preparation for an emergency.
 - a. That said here are a few items that need replacing/repairing:
 - i. 2 Small pump motors
 - ii. Several small valves in the well house
 - iii. Pressure relief valve on the pressure tank
 - iv. Large pressure reducing valves
2. A yearly raking and cleanup around the well. A few of us take turns mowing as needed, but it is a larger job to weed and rake.
3. Clarification from the board as to where the SMCA responsibility ends: the meter or the valve.
4. In order to finish the last two items needed for our Small Water System Management Plan, I am requesting some help: proofreading, looking up names and addresses, retyping pages with new information and doing some research on current prices of our major equipment.

Summary of water usage for SMCA

	A	B	C	D	E	F
1	LOTS	2015	2016	2017	2018	Goal
2	1A	148	187	260	233	220
3	1B		120	140	90	220
4	2A	166	190	156	184	220
5	2B	206	346	127	119	220
6	3A	198	102	192	183	220
7	3B	138	167	196	175	220
8	4A				326	220
9	4B	238	437	365	421	220
10	5A	117	127	91	103	220
11	5B	189	307	229	209	220
12	6A	141	115	112	154	220
13	6B	132	216	162	119	220
14	7A	197	189	170	133	220
15	7B					
16	8A	298	295	319	222	220
17	9A	46	54	30	31	220
18	9B	122	170	41	60	220
19	10A	193	243	112	98	220
20	10B	132	151	186	149	220
21	11A B					
22	12A	230	236	238	210	220
23	12B	134	196	197	227	220
24	13A	249	251	187	183	220
25	13B	176	248	243	224	220
26	14A	323	391	210	294	220
27	14B	251	225	200	185	220
28	15A	166	132	127	96	220
29	15B	76	81	69	47	220
30	16A	163	189	161	221	220
31	16B	521	100	70	203	220
32	17A	75	73	108	72	220
33	17B	889	834	1413	554	220
34	19	219	151	168	138	220
35						

Average Daily Water Use



