



Contractor License: RAINBRC896DJ

## RAINWATER CATCHMENT RECOMMENDED MAINTENANCE

### STORAGE TANK INSPECTION

- Storage Tank should be monitored monthly for water level and flow; especially tanks from which drawing occurs (in multiple tank systems)
- Storage Tank should be thoroughly cleaned out approximately every 5 -6 years
  - Cleaning is recommended more often in forested areas, due to increased sediment and contaminants
- Storage Tank quarterly chlorination schedule is recommended
  - 1/3 cup of household bleach (5.25% chlorine) per 1,000 gallons
  - [http://ndep.nv.gov/bsdw/docs/disinfect\\_drinking\\_water.pdf](http://ndep.nv.gov/bsdw/docs/disinfect_drinking_water.pdf) recommends 2.5 oz per 1000 gallons

### SUMP BOX CLEANING AND INSPECTION

- Sump box operation inspection is recommended weekly; screen basket inspected, removed, emptied and cleaned as required.
- Sump box should be cleaned out with a shop-vac when filters are changed or as, as needed.
  - Wipe inside of sump box with bleach solution after vacuuming (recommended)
- Sump box maintenance can be reduced if during pollen season, large Chemex 12" coffee filters are used as liners in screen basket or incoming water is diverted to overflow by turning off sump pump.

### GUTTERS AND DOWNSPOUTS

- Gutters should be inspected and cleaned as needed. When cleaning gutters it is recommended to divert the water to the overflow.

Recommended that Gutters should be cleaned before rainy season and then during rainy season –and again as needed; pine needles and leaves gather at the down spouts and restrict water flow.

- If downspout baskets are used, they should be inspected and cleaned as needed, however it is recommended at least once per week during rainy season

## FILTRATION

- Sediment and Carbon filters should be changed at least twice per year or
  - Three times per year for heavy usage. Check for tannin (brown), odor or discoloration of filters, and for reduced water pressure.
- UV bulb is to be changed once per year (requirement)
- It is recommended (once a year) to flush system by placing small amount (2oz ) bleach in each empty canister and allow it to run through the system to insure disinfection of house hold plumbing, flush system until bleach is no longer detectable. Proceed with filter replacement
- Check O rings for wear each time filters are changed
- Blue LED light should always be on. If not, change UV bulb immediately

## PUMPS - Sump and Pressure

- Pumps should be checked routinely for proper operation including any valves and check valves and fittings

## ADDITIONAL INFORMATION

- Keep a log of filter changes and scheduled inspections
  - See example page 3

RAINBANK is not responsible for water quality and assumes no liability other than a one year warranty on installation. Components carry their own manufacturer's warranties

RAINBANK recommends following your county health department guidelines on having your water tested

