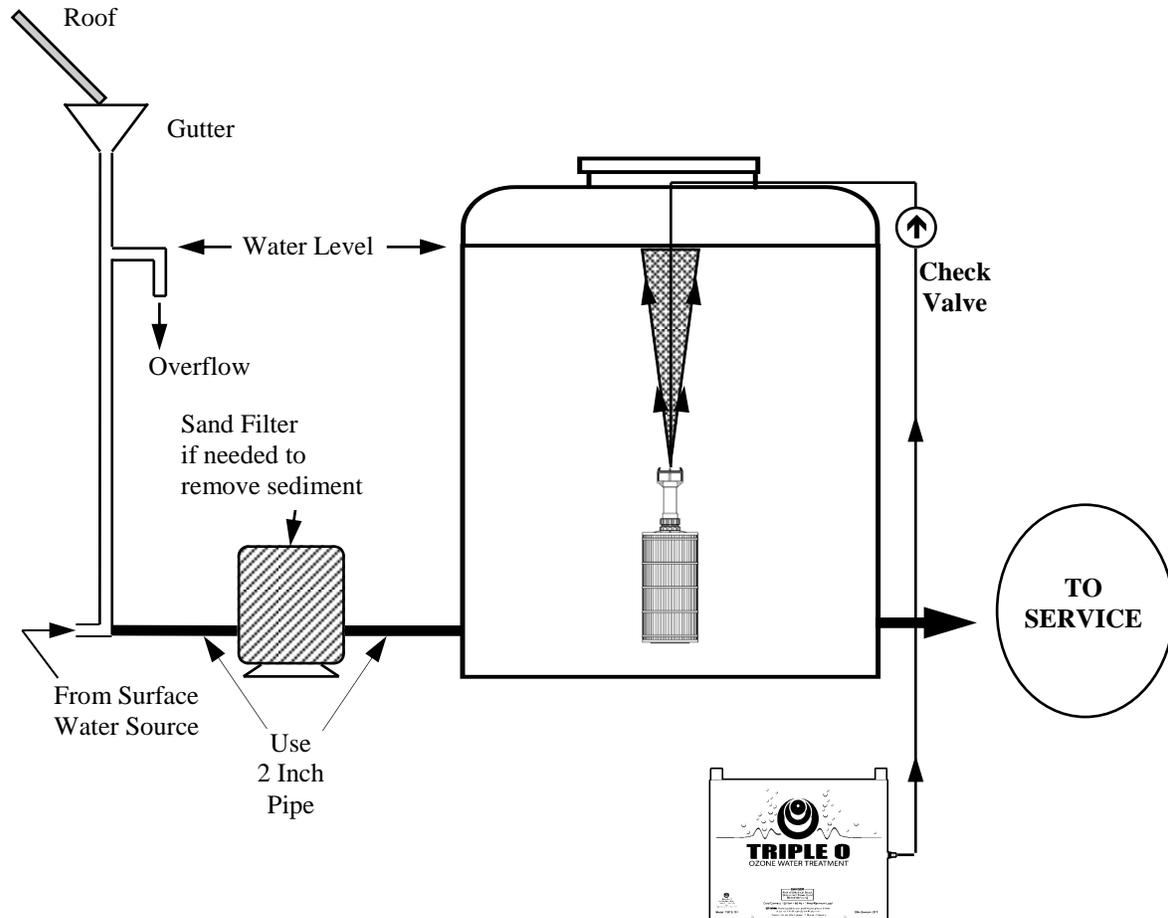


# SURFACE / CATCHMENT OVERFLOW SYSTEM



Since the Triple O system is **not certified for primary contaminant removal**, and surface water is subject to not only bacterial contamination, but also other pathogenic organisms, treatment design must be carefully considered, especially if the water is to be consumed.

When using the Triple O system to prevent stagnation and **assist** in bacterial control of surface water (lake, creek, spring, or \*rainwater catchment), please adhere to the following suggested set-up.

1. To determine the size of the holding tank, calculate daily water usage and multiply by 4. This will be the minimum size of the holding tank. Minimum height of the tank should be 6 feet.
2. Install a multimedia backwash filter, before the tank, to filter out sediment and other debris from the source water. Note the overflow device to prevent the tank from overflowing with the catchment system.
3. Install a Triple O, with filter, into the holding tank according to instructions provided with the system.
4. Install a UV disinfection lamp in-line, after the booster pump and pressure tank, for primary disinfection of pathogens or organisms that make the water unsafe for consumption. The UV disinfection lamp should be certified for treatment of cysts such as *Cryptosporidium* and *Giardia*.
5. Water testing should be done on a routine basis to assess water quality control.

\*When installing this system for rainwater catchment and tank water fluctuates, it may be necessary to install a float device for the filter to move up and down with the water level. Please contact Triple O for information about this installation.

**Note: The UV Lamp in the Triple O system should be changed every 12 months for best results.**