

Dry Hydrants

A dry hydrant is a permanent PVC piping system installed in a pond, lake or stream that allows for easy water withdrawal for fire suppression in areas that lack pressurized fire hydrants. In areas with pressurized fire hydrants, dry hydrants can also serve as a supplemental or backup source of water in the event that the pressurized system should be insufficient or fail. A fire pumper truck can siphon water through the dry hydrant device to fight a fire on-site or to fill fire tanker trucks, which can transport water to fight a nearby fire. Generally, a minimum pond depth of 7-8 ft. is required for installation. A dry hydrant is easily installed in a new pond during construction, but can also be added to an existing pond. The addition of a dry hydrant may help lower home owner insurance costs. The Clermont Soil & Water Conservation District provides free technical assistance to help property owners with site evaluation, design, and installation of a dry hydrant.

Dry Hydrant Mini Grants

The Clermont Soil & Water Conservation District is offering up to three (3) grants per year to landowners who wish to install a dry hydrant. The grant pays for the dry hydrant kit which includes a 6" dry hydrant riser with metal screw cap and a strainer (a \$300 value). The landowner will need to supply the rest of the PVC Schedule 40 pipe and fittings, excavation, and any other installation materials. These grants are offered on a first come, first served basis. In order to qualify for the grant, the dry hydrant must be installed to NRCS and National Fire Protection Association (NFPA) standards and must be accessible by local fire departments via an all-weather road. The hydrant must provide fire protection service to more than one landowner and be approved by the local fire district. The landowner must also agree to an easement giving the fire department access to the hydrant for routine maintenance and emergency use.

