

Conservation Practice Standard Overview

Dry Hydrant (432)

A dry hydrant is a nonpressurized permanent pipe assembly system installed into a water source that permits the withdrawal of water by suction.

Practice Information

A dry hydrant may be applied to provide all-weather access to an available water source for fire suppression.

This practice applies where an adequate volume of water is available, where transport vehicles can access the site, and where a source of water is needed for fire suppression.

In rural areas, a lack of water mains and pressurized fire hydrants can sometimes impair a fire department's ability to do its job quickly and efficiently. The success of a fire department's operation hinges on the distance a truck must travel to fill up and return to the fire.

In many cases these fill-up points are often long distances from the fire and the firefighters are unable to maintain an uninterrupted water source at the scene.



A dry hydrant will require maintenance over the expected life of the practice.

Common Associated Practices

A Dry Hydrant (432) is commonly applied with conservation practices such as Access Road (560), Pond (378), Dam (402), Access Control (472), and Heavy Use Area Protection (561).

For further information, contact your local NRCS field office.