



Village of Bald Head Island Utilities

About Your Water

The water source for Bald Head Island is a blend of water comprised of groundwater and water that is purchased from Brunswick County Utilities. In addition, groundwater wells draw from a semi-confined aquifer located at depths ranging from 55-65 feet below the surface of the island.

Our well system currently has 16 groundwater wells that each produce approximately 38-40 gallons per minute. The wells, which are approved by the NC Department of Water Resources, are known as production wells. The water from the production wells is piped to the Village water treatment facility located at 256 Edward Teach Extension. The well water is then highly filtered by Reverse Osmosis to remove any contaminants, disinfected with chloramines, then aerated and stored until consumed.

The Village of Bald Head Island also purchases water from Brunswick County on an "as needed basis" to meet daily demand with more purchased during the season when the island's population is the highest. Brunswick County water consists of ground water from the Castle Hayne Aquifer and surface water drawn from the Cape Fear River above Lock and Dam #1. Brunswick County water is very compatible with Bald Head Island water therefore both supplies are blended and stored together until consumed.