



Village of Bald Head Island Utilities

About Your Sewer Service

The Village of Bald Head Island wastewater treatment facility operates in accordance with State law under permit number WQ0000193, issued by the Division of Water Resources. This wastewater treatment facility is monitored by David A. Suther, (ORC) Operator in Responsible Charge.

The wastewater treatment facility began its initial operation November 1996 and was capable of processing 200,000 gallons per day of domestic waste. This facility was designed by McKim & Creed Engineers, Inc. with all process equipment provided by Aqua-Aerobic Systems, Inc. By 2002 plans were underway to expand treatment capacity to 400,000 gallons per day. This capacity upgrade would be achieved by the addition of a pre-equalization basin, batch reactor, and improving tertiary treatment.

The most recent improvements were to the wastewater treatment process to achieve reuse of quality effluent. This project was completed in phases over several years. Upgrades consist of piping that conveys the reuse effluent to the Club Irrigation Lagoon, equipment for chemical additions, monitoring, pH/DO control and an increase in blower capacity to meet higher dissolved oxygen requirements.

Please note, that this system relies on continuous power to operate. Prolonged power outages due to natural disasters or other unforeseen circumstances could create a public health issue when sewer services are out. This is one of many factors Village officials take into account when evacuations of the island are issued and re-entry is considered.