

"Brent House Restaurants Bio-Bubble System Upgrade"



Brent House Restaurant has long stood as a beacon of tradition, hospitality and environmental responsibility in Somerset. Established in 1965 by Max and Anna Nicolaides, the restaurant has remained a proud family-run business for over six decades. Today, Max continues to lead alongside his sons Andrew and Matthew, preserving the values of quality, community, and innovation that have defined Brent House since its inception.

Located at the foot of the Knoll, nestled between the picturesque villages of Brent Knoll and East Brent, Brent House offers more than just exceptional dining, it represents a commitment to sustainable practices and forward-thinking solutions. This ethos was clearly demonstrated in November 1995, when Brent House became one of the earliest adopters of a Bio-Bubble Waste water Treatment Plant.

The original Bio-Bubble installation was designed to manage wastewater generated from up to 2,500 meal covers per week, along with the needs of daytime staff and on-site residents. It was a bold investment in clean technology, reflecting the Nicolaides family's dedication to reducing environmental impact while maintaining high standards of service.

In 2024, Brent House took another significant step forward by investing in a comprehensive electronics upgrade. While the foundational infrastructure of the site remains intact, the integration of advanced monitoring technology has dramatically improved system performance and oversight.

Key to this upgrade was the installation of Vegapuls radar instruments in both the Balance and Reactor tanks. These sensors continuously monitor tank levels and relay data back to the system's computer processor. The processor uses this real-time information to determine the appropriate process mode during each data window, ensuring optimal treatment conditions.

One of the most transformative aspects of the upgrade is the introduction of remote access capabilities. With secure connectivity, Brent House's Bio-Bubble system can now be monitored and supported from afar. Accurate daily reporting enables technicians to track performance, identify potential issues early, and deliver timely process support — regardless of their physical distance from the site. This enhancement not only improves operational efficiency but also reinforces the system's long-term reliability, giving Matt and his team peace of mind both now and in the future.

