

Biological waste water treatment.
Because we **care**



With a lower carbon footprint than any other system, Bio-Bubble is undoubtedly a true environmental process.

With consent approval, the discharge from a Bio-Bubble can flow direct to ponds, rivers, streams, bog gardens, bore-holes, ditches, etc, and may also be used for irrigation or a recycling resource.

Bio-Bubble domestic solutions are pre-designed waste water packages up to 30PE. Whether single house installations up to 8 PE or compound applications up to 30PE, the Bio-Bubble domestic packages integrate all features and functionality of the Advanced Aeration process.

Bio-Bubble applies the same quality of care to its domestic solutions as we do with municipal works. Our experience provides you with high quality, long life wastewater treatment solutions that meet all environmental standards.

The Bio-Bubble domestic solutions deliver stringent consent standards at competitive pricing by combining the treatment of both effluent and sludge in one single tank. The result is a stable high effluent whilst significantly reducing and stabilizing sludge waste production. Tanks constructed with reinforced pre-cast concrete rings ensure robustness and

long-life, lasting infinitely beyond the average 10 to 15 years of GRP tank systems.

The Bio-Bubble sludge is a high nutrient fertilizer containing 98% water. The humus, viscous and virtually odorless, can be discharged into any stream or applied for irrigation purposes. The liquid readily disperses and the remaining substance resembles snuff. It is highly stable and contains phosphates, making for an excellent organic fertiliser. Tankers to remove excess sludge off-site can therefore be eliminated. In comparison to other treatment systems, the volume of humus sludge is significantly reduced on average by 90%.

Bio-Bubble domestic solutions are fitted with remote monitoring facilities and the A durable stainless steel control kiosk can be installed below ground with minimalist space requirement.

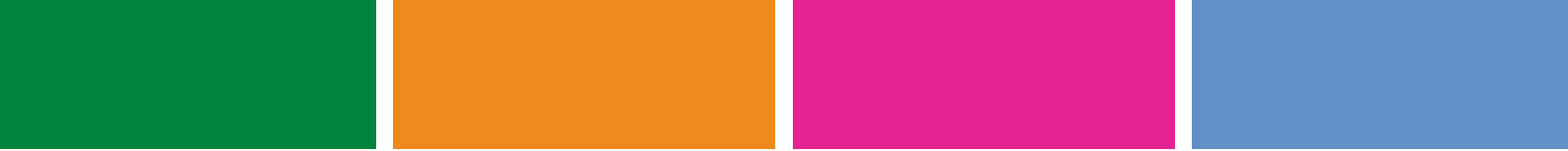
Examples of Applications:

- Housing, Civic & Commercial Developments
- Nursing Homes, Small Hospitals, Schools
- Golf Clubs, Sports Clubs, Marinas
- Pubs, Guest Houses, Restaurants
- Caravans and Campsites

Bio-Bubble Process Advantages:

- Return liquors apply negligible or no surplus loading to the works
- Odourless
- No additives or dosing plant
- Low maintenance and exceptionally long asset life
- Highly stable sludge containing high levels of nutrient
- Can be designed for agricultural disposal meeting accordance with ADAS "Safe Sludge Matrix" enhanced treatment





high **quality** effluent, **tailor-made** solutions,
exceptionally low sludge waste productions,
energy **efficient**, proven **reliability** and **consistency**



Only small treatment
process to offer such high
quality discharge to the
domestic market

ADVANCED
AERATION



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