Naturally clean. Sustainably effective. Revitalizing water bodies with Drausy® Professional





Oxygen where it's needed – at the bottom of the water body.

The Drausy® system is a gentle, effective and sustainable method for restoring water bodies. It enriches sediment layers with oxygen using natural air – no additives required.

How does the biotechnical aeration work?

Over long distances, ultra-fine air bubbles are evenly released along the bottom. The pressurecompensated linear diffuser system uses ambient air: the slow-rising bubbles transfer their oxygen to the surrounding water.

Mode of action: Oxygenation of the water column + creation of an aerobic zone at the bottom

- Activation of aerobic bacteria and microorganisms
- Promotion of natural sludge degradation
- Fixation of phosphate in the sediment
- Reduction of algae growth and nutrient load

Material: Linear diffuser hose made of environmentally neutral PUR-Elastollan with integrated weight – durable, invisible in operation, chemical-free, no microplastic abrasion.

www.drausy.com

Proven for over 20 years - 100% environmentally friendly

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Uferbereich

Sauerstoffreicheres Milieu im gesamten Wasserkörper



Excerpt from "BWK Wissen Kompakt": Oxygen Enrichment (german)

Typical areas of application:

- Urban & park water bodies, impacted stagnant waters
- Village ponds, retention basins, ditches
- · Fishing & aquaculture ponds
- Amphibian spawning waters, natural biotopes

Key benefits at a glance:

Up to 50–70% sludge reduction in situ No chemicals, no dredging, no disposal Low operating costs – "non-invasive" Low operating costs – "non-invasive" Suitable for all water body sizes Ideal for sensitive habitats and biotopes

How it works:

- 1. Installed at the bottom quiet and invisible
- Continuous aeration fine bubbles, evenly distributed
- 3. Oxygen stimulates microbiological activity
- 4. Sludge reduction & nutrient binding
- 5. Long-term water stability







Fine bubbles oxygenate the water – forming an aerobic layer at the pond bottom.

Proven effectiveness:

- <u>Reduction in oxygen consumption (e.g. BOD5 from 17 to 1-2 mg/l)</u>
- Noticeable improvement in visibility and water guality
- Stable phosphate fixation in sediment
- · Consistently high oxygen levels at the bottom
- Significant reduction of sludge volume



