

# MicrobialX Purifier

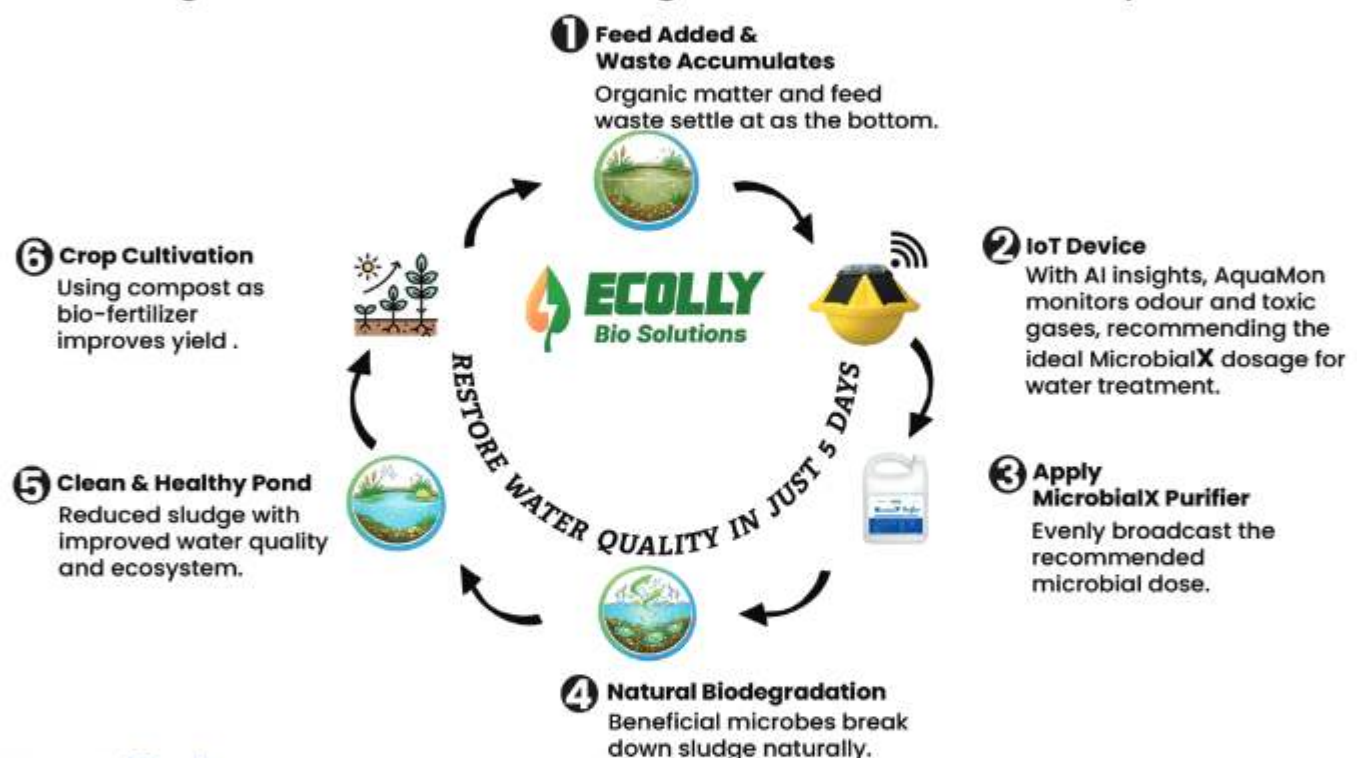
## The Challenge

Untreated waste water pollutes water bodies, causing foul odours, harmful gases, degraded water quality, and ecosystem damage.

## The Solution

**MicrobialX Purifier – Natural Microbial Treatment that restore water quality**

- ✓ Breaking down sludge and organic waste.
- ✓ Reducing algae and improving water quality.
- ✓ Stabilizing pH and increasing dissolved oxygen.
- ✓ Restoring microbial balance for long-term water sustainability.



## Key Offerings

- **AquaMon** IoT-based real-time water quality tracking and dosing insights.
- **MicrobialX Purifier – Natural Microbial Treatment** Probiotic solution restoring water balance and reducing pollutants.
- **Digital Awareness – Community Engagement** Enabling real-time insights and biological restoration of water bodies.

## How It Works

1. **Identify** – IoT sensors detect harmful emissions and problem areas.
2. **Apply** – Deploy Ecolly MicrobialX Purifier to accelerate decomposition.
3. **Monitor** – Track data via dashboards for real-time insights.
4. **Refine & Scale** – Adjust solutions for maximum efficiency.

## Application Areas

- Utility ponds
- Aquaculture ponds
- Sewage Treatment Plants (STPs)

## AquaMon Monitoring Parameters

- Ammonia ( $\text{NH}_3$ )
- pH stable
- Nitrite ( $\text{NO}_2^-$ )