



INTERACTIVE MICRO-ORGANISMS LABORATORIES

NATURAL BIOTECHNOLOGY FOR CLEANER WATER

IMO Labs, a natural biotechnology firm, offers a range of innovative bio-remediation and bio-augmentation solutions for water treatment and maintenance.

As environment restrictions tighten, operators of industrial waste water plants, farm waste lagoons, septic systems, natural water bodies and aquaculture systems are facing compliance levels that seriously challenge the capabilities of their plants.

Upgrading existing plant infrastructure or building new ones is a costly undertaking. IMO Labs can offer challenged plant operators with viable and cost-effective biological alternatives to resolve their water treatment problems.

IMO Labs' water treatment products offer the following benefits:

- Rapid breakdown and settling of suspended and accumulated organic matter, hence resulting in very significant reduction of BOD/COD effluent levels
- Enhanced denitrification which results in sustained nitrate and ammonia removal
- Control of odor-causing and harmful micro-organisms
- Degradation of pollutants such as phenols, chlorinated aromatics and aromatic hydrocarbons, detergent, fertilizer run offs, pesticides, heavy metals, etc.
- Resilience and tolerance to toxic shocks. Our products increase the microbiology diversity and stimulate the population of healthy micro-organisms, hence creating a buffer against toxic shocks.

Our Products

Our products are developed using microbial consortia occurring in the natural environment.

- *Humic WA*. Microbial consortium for reducing organic load in septic tanks found in households and commercial establishments.
- *Humic WB*. Microbial consortium for waste water facilities (eg sewerage treatment plants) with very high amount of organic load and very fast flow rates.
- *Humic WC*. Microbial consortia for open-pit lagoons found in piggery, livestock and poultry farms.
- *Humic WX*. Customized inoculants for treatment of industrial waste water such as paper mills and food processing plants.
- *BioGreen*. Microbial product for treatment and maintenance of organic matter in the water column in water reservoirs and aquaculture ponds.
- *BioSoil*. Microbial product for the breakdown of detritus & sludge accumulated at the bottom of water reservoirs and aquaculture ponds.
- *BioClean*. Microbial product for remediation of heavy metals, and organic & inorganic chemical contaminants in water bodies.
- *Degremix*. Microbial consortia for degradation of oily sludge present in water with diesels, gasoline and light oils as byproducts.