



WASTEWATER SOLUTIONS

MCW 2003: Municipal cold weather Improves effluent quality and plant stability through enhanced COD degradation at low temperatures

At low temperatures, municipal wastewater treatment plants often struggle to maintain efficient treatment. Biological activity and temperature are closely correlated. When the water temperature falls below 15 °C (60 °F), treatment can deteriorate, and staying in compliance can become a real challenge. Lagoon systems are at greater risk because of the increased surface area and the lack of operational controls.

LTM 2010: Microorganisms specially selected for their ability to thrive at low temperatures

LTM 2010 helps plants to comply with their permits and improves plant efficiency at low temperatures. It contains a blend of psychrophilic (cold-loving) microorganisms and is active all the way down to 2 °C (36 °F). The strains in LTM 2010 have a wide range of organic degradation abilities and are therefore particularly well suited to municipal plants that receive waste streams from industrial facilities.

The benefits of using LTM 2010

Lower operating costs

- Reduces permit violations
- Reduces surcharges

Improved plant efficiency

- Improves COD reduction at low temperatures

Simplified operations

- Improves system stability at low temperatures

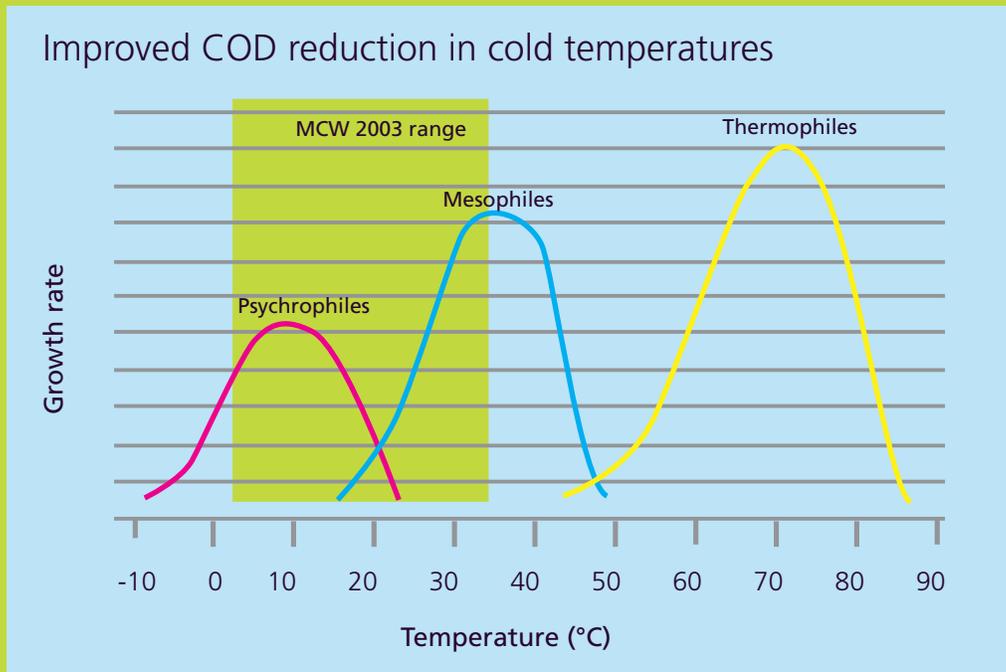


Fig. 1. MCW 2003 led to improved COD and TSS removal even at colder temperatures.

Enhancing your business is our business

Team up with IFM for innovative biosolutions to reduce costs, improve water quality, and capitalize on renewable energy opportunities. Unique products, experience with beneficial microorganisms and enzymes, and our commitment to improve our business are just three reasons to choose IFM as your bioinnovation partner.

For more information please visit ifmenviro.com

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