



## WASTEWATER SOLUTIONS

# CWM 1738: Cold weather microbes

Improves effluent quality and plant stability through enhanced COD degradation at low temperatures

At low temperatures, industrial 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. In order to meet treatment goals, the microbial community must contain microorganisms that can function at low temperatures and target a wide range of organics. Lagoon systems are at greater risk because of the increased surface area and the lack of operational controls.

## CWM 1738: Microorganisms specially selected for their ability to thrive at low temperatures

CWM 1738 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 CWM 1738 have a wide range of organic degradation abilities and can be used at a wide range of industrial facilities.

### The benefits of using CWM 1738

#### 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

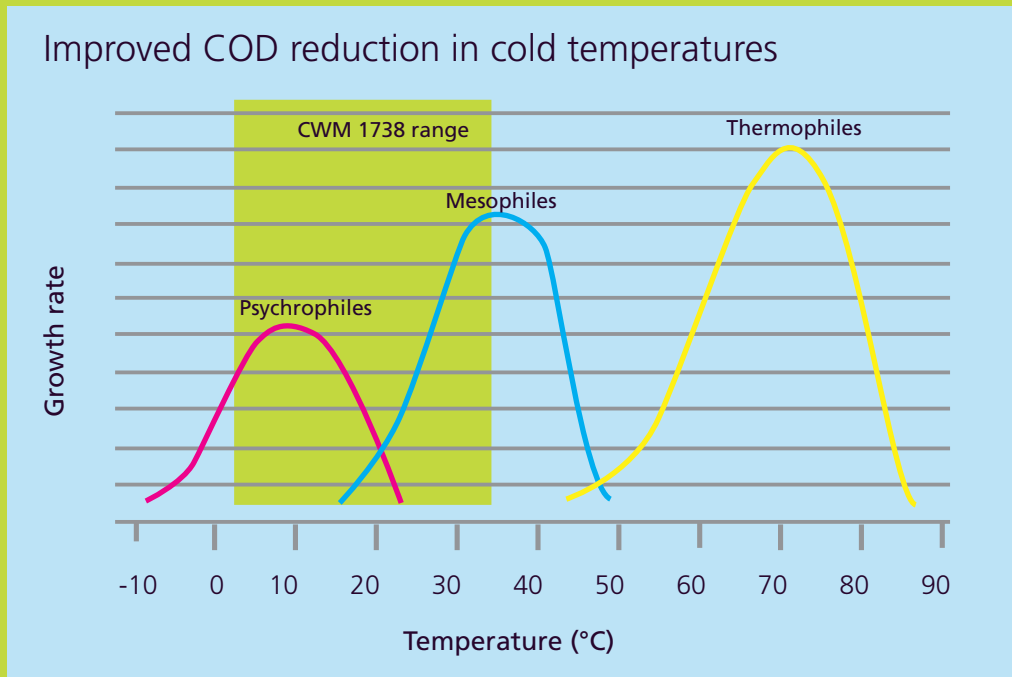


Fig. 1. CWM 1738 led to improved COD and TSS removal even at colder temperatures.

### 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](http://ifmenviro.com)

Industrial Fluid Management • 2926 US Highway 6 • McClure, Ohio 43534 • Tel. 866 435 4436 • Fax 419 748 7460  
 Columbus, OH Operations • 4637 Northwest Pkwy • Hilliard, Ohio 43026

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