

WASTEWATER SOLUTIONS

GWM: General Wastewater Microbes

Improves effluent quality and plant stability through enhanced COD degradation

Municipal wastewater treatment plants that receive industrial flows have the unique challenge of having to respond to varying waste streams. In addition to domestic waste streams, plants may have to manage organics from a variety of industrial contributors. Success or failure of the treatment process depends on the ability of microorganisms to adapt to changes in the waste stream and to efficiently degrade COD prior to the final discharge.



GWM 2010: A broad-range biological solution for COD reduction in complex municipal waste streams

GWM 2010 contains unique COD reduction microorganisms for municipal wastewater treatment plants. In addition to degrading proteins, lipids, and carbohydrates found in domestic waste streams, GWM 2010 targets surfactants, hydrocarbons, and fats, oils, and grease (FOG), as well as a variety of other organics found in industrial waste streams. The microorganisms were found through Novozymes' advanced screening program, which selects only the most effective strains for the job at hand.

The benefits of using GWM 2010

Lower operating costs

- Reduces permit violations

Improved plant efficiency

- Improves COD removal
- Degrades a wide range of organics

Simplified operations

- Improves stability



Fig. 1. GWM 2010 helps municipal plants handle complex influent streams from multiple varied sources.

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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