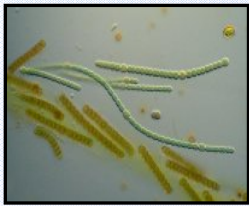


*“Reduce
BOD & COD”*

Loop Cord Media System **AEROBIC TREATMENT**

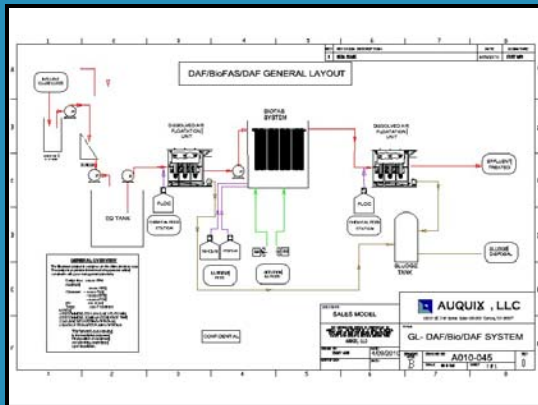
Loop Cord Media (LCM).....Aerobic Treatment for Soluble Organics



The **Loop Cord Media (LCM)** provides an economical aerobic design solutions for low flow light load wastewater streams. The system has been developed and patented as a fixed film system providing a large surface area for entrapment and holding of wastewater digesting microbes. The system is designed to maximize treatment capacity in a small footprint using a vertical orientation. Manufactured columns of **LCM**, which consist of specially treated, chemically resistant filaments, are built on a corrosion free stainless racking system that are submerged in the wastewater being treated.

Wall to wall rack installation ensures maximum exposure of aerobic biomass to the waste stream. The bacteria adhere to the media while digesting waste from the plant effluent stream. The result is a resident population of biomass that removes BOD and COD efficiently. The **LCM** can be further used in nutrient applications for nitrification and de-nitrification.

ADVANCED BIO SYSTEM , LOW CAPITAL COST, EASY OPERATION



Typical Installation

The **AUQUIX™** complete integrated LCM system standard package consists of an initial pre-screen, equalization/buffer tank, the LCM unit vessel with dual blowers, nutrient feed station, dissolved air flotation unit and a flocculent feed station. The entire package is controlled with a state-of-the-art PLC with color touch-screen for an easy to use operator interface.

This flexible design feature allows for a small foot print at new installations or upgrades to existing systems. Consult with an experienced **AUQUIX™** Client Systems Engineer for specific design assistance in addressing your biological needs.



LCM Vessel



Loop Cord Media



Maximizes O²

