



ET'S MUNICIPAL LAGOON TREATMENT

ET's Municipal Lagoon Treatment is a biological product specifically formulated to be effective in enhancing municipal wastewater biology in lagoons.

As well as microorganisms, ET's MLT contains a micronutrient blend specially selected for sludge reduction. This micronutrient blend provides a complete formulation for maximum biological activity and reacts with municipal waste to produce a biological enhancer.

When used as directed, ET's MLT is safe and is harmless to people, clothing, and the environment and is completely biodegradable.

Through extensive research activities, ET's MLT has been developed to involve 14 strains of bacteria which have been selected for their ability to perform under both aerobic and anaerobic conditions, and to biodegrade organic material comprised of proteins, fats, carbohydrates, and select hydrocarbons.

Effect: ET's MLT, with its aerobic and facultative anaerobic microorganisms establishes and maintains a biomass which by providing greater resistance to the effects of organic inhibitors present in municipal waste waters, is able to perform more effectively than the naturally occurring biomass. ET's MLT ensures that the natural mechanism for the selection of the biomass population is presented with a range of selected microorganisms.

Application Instructions:

Lagoon Systems For anaerobic and facultative lagoon systems, the application rate is based on the lagoon surface area:

Day 1 through Day 5	20 lbs. Per acre per day
Day 6+	1 lb. Per acre per week

- For lagoons in cold climates, commence program when the water temperature is at least 50°F

Specifications:

Form:	Free Flowing Granular Powder
Color:	Brown
Nutrient Content:	Biological nutrients & stimulants
Plate Count:	3 billion per gram

Benefits of ET's Municipal Lagoon Treatment:

- Reduces sludge build-up
- Controls grease, foaming, or scum formation
- Improves settling
- Reduces odors
- Produces an excellent effluent
- Defers dredging costs
- Improves cold weather operation
- Ensures rapid biological start-up
- Removes the nutrients that encourage duckweed growth



Case History 737

ET's Municipal Lagoon Treatment products were added from the survey boat to the lagoon. The addition of these three products supplied the synergy to stimulate bacterial activity on the lagoon floor and digest solids. Completed on November 7th 1997 with the measurement of final sludge depths, evaluation of bacterial activity and other higher life forms. The second lagoon was markedly improved compared to earlier visits. The bottom of the lagoon was clearly visible from the boat, water clarity was such that a leaf on the floor of the lagoon could be seen.

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