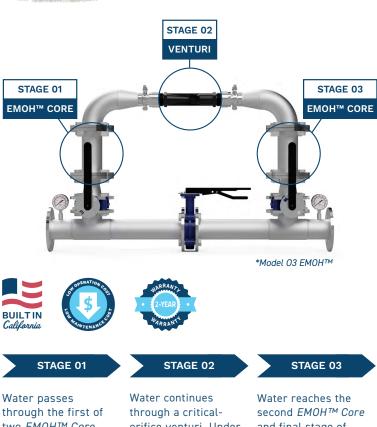
ENOH Dairies



through the first of two *EMOH™ Core* chambers. It is here that clustered H₂O molecules are broken down, magneticallycharged and reoriented. Water continues through a criticalorifice venturi. Under vacuum, ambient air is introduced into the system creating nanobubbles of dissolved oxygen. Water reaches the second $EMOH^{TM}$ Core and final stage of the EMOHTM process. Extended core exposure induces an equilibrium between monomer H₂O molecules and oxygen-infused nanobubbles.

THE POWER OF EMOH[™] TECHNOLOGY

Reduces Methane (CH₄) emissions by **over 75%** Reduces lagoon sludge by **over 70%** Reduces the production of Ammonia (NH₄) Maximizes dissolved oxygen levels Induces anerobic-to-aerobic conversion Solves lagoon odor problem(s) Makes lagoon water safe for irrigation Eradicates algae providing visibly cleaner lanes Improves overall hoof health

WHAT IS EMOH[™]?

E lectron Magnetic O xygen H ydrogen

EMOH™ is Aequion's proprietary water system. It is comprised of dual treatment chambers (EMOH[™] Cores) and a specialized venturi. Each chamber applies a powerful magnetic field that diminishes hydrogenbonding energy while increasing the rate of ion exchange, allowing the formation of monomeric water molecules with greatly improved mobility. The venturi effectively increases dissolved oxygen levels.

No chemical additives are ever used nor necessary.

MODEL 06 D EMOH™

Aequion's **Model 06D EMOH**[™] system for process lagoons incorporates a skid for flotation, a specialized pump and valves to handle continual solids.



ELIMINATION OF ODORS AND GREENHOUSE GAS EMISSIONS

EMOH[™] solves the odor equation in dairy lagoons by reducing the production of three major greenhouse gases (and primary noxious-odor contributors): Methane (CH₄), Ammonia (NH₄) and Hydrogen Sulfide (H₂S). EMOH[™] accomplishes this through aerobic digestion of the sludge layer, which is often dense and high in effluent Biochemical Oxygen Demand (BOD), Total Suspended Solids (TSS) and Ammonia.

ANAEROBIC TO AEROBIC CONVERSION

The benefits of EMOH[™] technology in lagoon applications are made possible through anaerobic (> 2 mg/L) to aerobic (< 2 mg/L) conversion. This is achieved through high volume oxidation in concert with local, activated organisms. That is to say that by super-saturating dissolved oxygen levels, EMOH[™] effectively stimulates aerobic bacteria resulting in:

the elimination of noxious odor emissions a decrease in Total Organic Carbon (TOC) a reduction in water hardness natural prevention of eutrophication diminished detrital layer thickness as benthic source of nutrient availability is better controlled

IMPROVED WATER QUALITY

Increasing pressures from state agencies have created a challenging situation for many dairy businesses. Aequion's **Model 06 D EMOH™** supports farmers with their compliance efforts as well as state agencies with their environmental goals.





MANUFACTURER'S WARRANTY



A two-year manufacturer's warranty is provided on all Aequionmanufactured equipment.

SPEAK TO AN APPROVED CHANNEL PARTNER TODAY

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