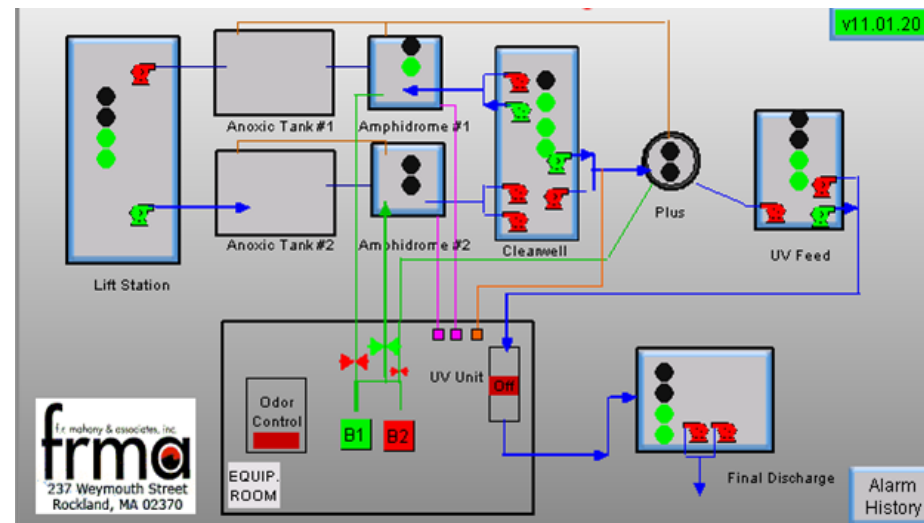


CUSTOMIZED TOUCH SCREEN CONTROLS

Amphidrome®

Licensed By
SEVERN
TRENT
SERVICES



Typical Applications

Condominiums
Cluster System Developments
Health Care facilities
Resorts
Shopping Malls
Schools
Office Parks
Single Family Homes
Lagoon Nitrification



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water and wastewater technologies

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fax. 781-982-1056
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Amphidrome®

Waste Water Treatment System



High Level of Nitrogen Removal

Low Visual Site Impact

frma

Your Economical Treatment Solution

Amphidrome® System



The **Amphidrome® System** is a **S**ubmerged **A**ttached **G**rowth **B**iological Reactor (**SAGB**) operating in a batch mode providing BOD reduction, superior nitrification, denitrification and filtration of suspended solids in a single reactor.

A specially selected spherical sand media provides maximum surface area for microorganisms to attach themselves. The microorganism environment is manipulated with intermittent aeration. The result is an energy efficient superior treatment system with a very small footprint.

With the addition of an **Amphidrome® Plus™** reactor, nitrogen is reduced to the lowest level biologically attainable. The **Amphidrome® ColdNite®** process nitrify at wastewater temperatures of 3.3 C.

A small building houses a control panel, air blowers, and any other ancillary equipment as may be required for a specific application such as ultraviolet (UV) disinfection or a membrane.

Benefits

Superior Treatment
High Level of Nitrogen Removal
Re-Use Quality Effluent - Turbidity & TOC
Small Footprint - Low Visual Site Impact
Energy Efficient

Amphidrome-MF™ System

Integrates a 0.1 Micron Membrane

MBR Quality Effluent

Substantially Lower Costs

Capital
Operating
Life Cycle

