



Charlie Crist
Governor

Ana M. Viamonte Ros, M.D., M.P.H.
State Surgeon General

August 8, 2008

Mr. Pio Lombardo
Lombardo Associates, Inc.
49 Edge Hill Road
Newton, MA 02467

Re: Chapter 381.0065(4)(m), F.S. Compliance for "Nitrex media"

Dear Mr Lombardo:

This letter is to acknowledge receipt of the information concerning the product "Nitrex media" for statewide use in Florida. No product sold in the state for use in onsite sewage treatment and disposal systems may contain any substance in concentrations or amounts that would interfere with or prevent the successful operation of such system, or that would cause discharges from such systems to violate applicable water quality standards, section 381.0065(4)(m), Florida Statutes.

The staff has reviewed the information provided in the 96-hr LC₅₀ toxicity test results, and laboratory results on volatile organic compounds for the product. The department has determined that the product, **Nitrex media**, is in compliance with s. 381.0065(4)(m), F.S. and has no objection to the use of the product in accordance with manufacturer's application rate. Please be advised that all rules pertaining to the use of the product shall be observed and that there shall be no advertising of the product as state approved.

Be advised that the department is not a testing agency and that this determination reflects only a review of the information submitted by you for compliance with Florida Statutes and Florida Administrative Code. The product evaluation does not investigate the validity of performance claims by manufacturers. For this reason, departmental acceptance must not be interpreted as certifying effectiveness, endorsing or recommending use of an additive. The Florida Department of Health also does not assume liability for any promise, guarantee or expectation from purchasing or using an additive. The department reserves the right to withdraw acceptance if product formulation or ingredients are modified after product evaluation by the department or subsequently found not to be in compliance with rule.

This letter of product compliance is limited to Department of Health jurisdictional circumstances as defined in Chapter 64E-6, Florida Administrative Code and Chapter 381.0065, Florida Statutes.

If we may be of further assistance or should you have any additional questions regarding this letter, please call Dr. Sonia Cruz at (407) 317-7325.

Sincerely,


Gerald Briggs, Chief
Bureau of Onsite Sewage Programs

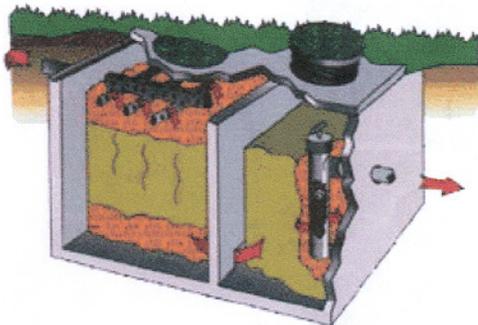
Enclosure: Notice of Rights



Division of Environmental Health, Bureau of Onsite Sewage Programs
4052 Bald Cypress Way, Bin #A08, Tallahassee, Florida 32399-1713

NITREX™

NITROGEN REMOVAL WASTEWATER TREATMENT SYSTEM

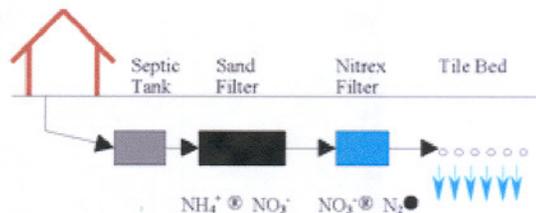


Technology Description: Based on ten years of research, a proprietary patented nitrate-reactive media has been discovered that converts nitrate to inert nitrogen gas (denitrification). The

NITREX™ reactive media is contained in a prefabricated tank or, for larger installations, in an engineered excavation. Nitrate contaminated wastewater is gravitationally fed through the treatment module. For septic tank applications, an oxidative pre-treatment step is required to convert ammonium (NH_4^+) to nitrate (NO_3^-) before the NITREX™ filter can perform the reductive denitrification step. Pre-treatment can be achieved with any of the existing oxidative technologies commonly used in wastewater treatment. The nitrate-free effluent from the NITREX™ filter is simply discharged to a conventional tile bed or receiving water body. Compared to other technologies, the NITREX™ filter is passive and essentially maintenance free. It provides almost 100% nitrate removal in a low cost easy to install process

Application:

The NITREX™ filter can be used to remove nitrogen in water or wastewater such as treatment plants wastewater, septic tank effluent, agricultural runoff, and landfill leachate. For large flows, the NITREX™ reactive media may be placed in a lined excavation, and the wastewater allowed to gravitationally percolate through the reactive media.



NITREX module in a septic system