



Martin County Health Department
INTER-COUNTY MEMORANDUM

To: Harry King
Growth Management

Date: January 12, 2012

From: Robert Washam
Environmental Health Director

Subject: Extreme Sports Water Ski Park
PUD master site plan and zoning agreement
D008 201100312

We have reviewed the plans for this project and have the following comments:

- If a beach or swimming is added to the lake, the bathing area will be permitted by our office.
- Primary amebic meningoencephalitis (PAM) is a rare but nearly always fatal disease caused by infection with *Naegleria fowleri*, an ameba found in freshwater ponds in Florida. Infection results from water containing *N. fowleri* entering the nose, followed by migration of the amebae to the brain. Because of this risk, all visitors who enter the cable ski pond should be told to use nose plugs to reduce the chance of infection. If they do not use nose plugs, they should sign a statement that they are aware of the risk. In addition, a sign should be posted that states that the ameba may be a risk.
- The plans indicate that there will be numerous septic systems installed in phase one and two. The wet season water table of less than 10 inches will require these septic systems to be installed in mounds. Mound systems need adequate setbacks from structures to allow for slope and drainage. Therefore, the applicant is advised to make sure that space is available for each proposed septic system.
- The initial drinking water system, which is proposed to serve more than 25 people per day, will be permitted by the Department of Environmental Protection.
- The property is limited to 5000 gallons of water flow per day for the use of septic systems. Any construction over the 5000 gallon limit will require wastewater approval by the Department of Environmental Protection.