

Recommended Grand Haven Stormwater Detention Pond Action Plan

Dr. Stephen J. Davidson

2/5/08

The Grand Haven BOS has exercised due diligence re investigating the most ecologically sound and fiscally responsible methodologies of maintaining our stormwater detention ponds by hosting the recent community symposium on our ponds.

The following summarizes the symposium moderator's provisional recommended action plan and is presented for BOS workshop discussion.

The moderator recommends the BOS adopt a multi-faceted, holistic approach to pond maintenance policies as follows.

- 1. The BOS authorize the Operations Manager to adopt and implement the forthcoming Florida Fertilizer Task Force/UF/IFAS Landscape Best Management Practices..** Additional BMPs are attached to this document and should also represent policies to be implemented.
- 2. The BOS authorize the St. John's River Water Management District-Flagler County WAV Coordinator to create and implement a WAV/FLORIDA LAKEWATCH Program for Grand Haven resident volunteers. Credentialed and trained resident volunteers will be authorized to enter CDD ponds for the purpose of LAKEWATCH water sampling and to permanently affix stormwater drain medallions as part of the WAV/ City of Palm Coast projects.** Other projects developed which include operations on CDD property will require BOS authorization on a project-by-project basis.
- 3. The BOS authorize the implementation of a Cost/benefit Analysis Stormwater Detention Pond Maintenance Controls Demonstration Project in cooperation with the UF/IFAS Soil and Water Quality Department. Dr. Mark Clark, Wetlands and Water Quality Extension Specialist, to be appointed lead scientist/team leader in cooperation the Grand Haven CDD Operations Manager.** Additional team members to be selected by Dr. Clark and the GH Operations Manager. Control methodologies to include permitted biological, mechanical, and/or combined systems.
- 4. The BOS appoint one Supervisor to serve as pond management ambassador/ liaison to the Grand Haven HOAs, the GH WAV/Lakewatch Program, The Pond Demonstration Project, and to investigate outside grant/funding sources for the Pond Demonstration Project, and perform other non-policy making duties re the ponds as may arise from time to time.**