



MEMO

To: Lakeside CDD Board
From: David Fleeman, PE
Date: June 10, 2022
Re: Maintenance Limits

As a follow-up to discussions that occurred during the May Board meeting; I have done some additional research regarding maintenance activities adjacent to wetlands / ponds/ and Other Surface Waters (refer to the 'Wetland / Pond Area Exhibit' revised June 10, 2022).

1. Wetlands & Wetland Buffers

The existing on-site wetlands are regulated by the Southwest Florida Water Management District as well as Pasco County Natural Resources, and potentially FDEP on behalf of the ACOE. The Water Management District has defined wetland buffers that encircle the wetland and protect it from impact. These wetlands and associated buffers are shown on referenced "Wetland / Pond Area Exhibit". The only work allowed within these areas is selective removal of nuisance exotic / invasive species (as defined by the Florida Invasive Species Council). No cutting / mowing / trimming of native vegetation is permitted.

2. Surface Water E

From a regulatory perspective, there is no protective buffer and these areas can be mowed to the water's edge. From a practical perspective, I am reluctant to cut or remove vegetation in a way that may contribute to erosion from water flowing down the pond bank. Therefore, I recommend that the CDD voluntarily adopt a policy that preserves native vegetation within three feet of the water's edge. This policy should allow selective trimming / pruning of vegetation above 2-feet in height as well as eradication of exotic / invasive species.

3. Stormwater Ponds

The stormwater management facilities should be mowed on a regular basis to maintain inspection & service access to control structures. Any erosion on the sidebanks should be repaired immediately and vegetation restored to protect the slopes from additional erosion.
