

December 16, 2020

Carolyn McCreedy, Engineering Specialist 4
Morgan Reins, Environmental Analyst 3
Rich Walker, Property Analyst
SOUTH FLORIDA WATER MANAGEMENT DISTRICT
3301 Gun Club Road
West Palm Beach, FL 33406

RE: **JONATHANS LANDING OLD TRAIL GOLF COURSE**
FES Project #18-1416.02
Application No. 200812-4045

Dear Carolyn / Morgan / Rich:

The following are responses to your initial RAI letter dated August 27, 2020:

1. The \$4,500 fee requested has been paid.
2. There is currently no water quality being provided for golf course runoff prior to entering the wetland / preserve areas. The plans have been updated to show a standard detail on plan LM-7 that will provide a swale and berm being constructed in areas where the golf course is adjacent to any wetland preserve areas. None of these swales is intended to discharge to the wetland preserve areas and are bermed. Golf course runoff will discharge directly to the lakes.
3. According to SFWMD Permit 43-00221-S the receiving body is the Loxahatchee River through Cypress Canal. There are no changes proposed to the existing discharge or control structure that exists for the site (work area is included in Basin 1 of the permit). The water quality calculation has been provided for the 120.0 ac work area which demonstrates that 10.00 ac-ft is required for water quality and 15.68 ac-ft is being provided with this modification. This exceeds the 150% requirement. Because this is an existing golf course we are limited to the amount of additional lake area that can be created to meet this new requirement so a new control structure (CS#1) was added at the discharge point of the work area to meet the 150% water quality requirement.
4. Drainage calculations for the work area is provided which show that this modification will not result in higher stages than previously permitted.
5. Please refer to response 2 above.
6. Please refer to the survey which verifies the SHWT for wetlands 2 and 6 (located near the lake) correspond to the lake CWE of 14.5 and wetlands 1,3, &4 still have a SHWT of 16.0. Therefore, impermeable barriers for wetlands 1, 3, & 4 have been added to the revised plans and are shown in the cross sections on plan LM-7 since these wetlands fall within 300' of the lake $((16.0' - 14.5') / .005 \text{ gradient} = 300')$.

7. The impermeable barriers required for wetlands 1, 3, & 4 have been added to the revised plans and are shown in the cross sections on plan LM-7. These barriers have been shown to follow the boundary of the wetlands and not the lakes since that significantly reduces the length of barriers that is required.
8. Please refer to the survey which verifies the SHWT for wetlands 2 and 6 (located near the lake) correspond to the lake CWE of 14.5 and wetlands 1,3, &4 still have a SHWT of 16.0.
9. There is no dewatering currently proposed as part of the construction activities.
10. A quit claim deed from Jonathans Landing, Inc. to Jonathans Landing Golf Club, Inc. (applicant) is provided.
11. Please refer to response 10 above.

If you have any questions or require any additional information, please call.

Sincerely,

FLYNN ENGINEERING SERVICES, P.A.

Dennis Shultz, P.E.