

STANDARD GENERAL ENVIRONMENTAL RESOURCE PERMIT
TECHNICAL STAFF REPORT
March 21, 2003
APPLICATION #: 40-069-19411-16

DATE RECEIVED:	DATE COMPLETED:	21ST DAY:	28TH DAY:
March 03, 2003	March 03, 2003	March 24, 2003	March 31, 2003

Applicant: Lennar Development
C/O E Bruce Lawson PE
151 Wymore Road Ste 4000
Altamonte Springs, FL
32714
(407) 682-9291

Consultant: Farner Barley & Associates Inc
Attn: Duane K Booth
350 N Sinclair Ave
Tavares, FL
32778
(352) 343-8481

Project Name: Aberdeen Phase III @ Kings Ridge
Project Acreage: 12.920
Planning Unit: Lake Apopka
Special Basin Criteria: Ocklawaha River Hydrologic Basin
Receiving Water Body: Lake Felter **Class:** III Fresh.
County: Lake
Correct Fee Submitted: Yes **Amount Received:** \$1,000.00

Authority: 40C-4.041(2)(b)2

Type of Treatment: Retention
Type of Development: Residential Single Family
Type of System: Modification to an Existing System
Final O&M Entity: Lennar Land Partners, A Florida General Partnership
Pre/Post Peak Rate Attenuation Provided: Yes
Pre/Post Volume Attenuation Provided: Yes
Mean Annual Storm Attenuation Provided: Yes
Recovery of Water Quality Vol. Within Req. Time: Yes
Recovery of Peak Attenuation Vol. Within Req. Time: Yes
Interested Parties: No
Objectors: No

Authorization Statement

A Permit Authorizing:

modification and operation of an existing surface water management system known as Kings Ridge, to authorize construction of the Aberdeen Phase III @ Kings Ridge, a 12.92-acre project consisting of 59 single-family residential lots, streets, infrastructure

and associated stormsewer conveyance system. No impacts to wetlands or surface waters are authorized by this permit.

Staff Comments:

The project is located approximately 3 miles south of Clermont, between Hancock Road and Lake Felter within the existing Kings Ridge PUD, (See Attachment A), Lake County, Florida. The site is located within the Ocklawaha River Hydrologic Basin.

Previous permits issued for the Kings Ridge P.U.D. include the 40-069-19411 series. Kings Ridge Phase III is also known as Highgate Phase II (the southern portion of Phase III) and Sussex (the northern portion of Phase III).

The proposed surfacewater management system includes a 12.92-acre single family development with associated streets, infrastructure and stormwater conveyance system that will tie into the portion of the existing master system that serves Drainage Basins 13, 14, 15, and 16. The proposed surface water management system will provide for conveyance of stormwater runoff into two existing retention ponds (i.e., Ponds 13 and 14). The ponds were designed as part of the master surface water management system for Kings Ridge North, Permit Number 4-069-19411-8 (f. k. a. 4-069-0326M9-ERP). The Kings Ridge North master system was designed to accommodate the volume of stormwater runoff from the Phase III site.

The existing retention ponds are designed to retain, and recover within 14 days, the entire runoff volume generated by the 25-year/96-hour storm event. The ponds are designed to recover the required treatment volume within 72 hours following the storm event.

The applicant has provided reasonable assurances that the design of the proposed surface water management system is consistent with the design of and meets the permit conditions for Permit Number 4-069-19411-8.

The project area is entirely in uplands. Vegetation on site consists primarily of planted slash pine with scattered Carolina laurel cherry, citrus and lantana as well as a variety of upland grasses. There are no wetlands and/or other surface waters within or adjacent to the project boundaries. The project will not cause unacceptable adverse secondary or cumulative impacts to upland habitats required by "listed" wetland-dependent species.

The proposed project meets all applicable conditions for permit issuance pursuant to sections 40C-4.301, 40C-4.302, and 40C-41, F.A.C.

Conditions for Application Number 40-069-19411-16:

ERP General Conditions by Rule (October 03, 1995):

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

ERP/MSSW/Stormwater Special Conditions (November 09, 1995):

1, 4, 10, 13

Other Conditions:

1. The surface water management system must be constructed and operated in accordance with the plans signed and sealed by Duane K. Booth, P.E. (Florida Registration #44631) on February 28, 2003 and received by the District on March 3, 2003.
2. The operation and maintenance entity shall inspect the stormwater or surface water management system once within two years after the completion of construction and every two years thereafter to determine if the system is functioning as designed and permitted. The operation and maintenance entity must maintain a record of each required inspection, including the date of the inspection, the name, address, and telephone number of the inspector, and whether the system was functioning as designed and permitted, and make such record available for inspection upon request by the District during normal business hours.

If at any time the system is not functioning as designed and permitted, then within 14 days the entity shall submit an Exceptions Report on form number 40C-42.900(6), Exceptions Report for Stormwater Management Systems Out of Compliance.

Reviewers: Eric Muldowney
Ruth Grady