

STANDARD GENERAL ENVIRONMENTAL RESOURCE PERMIT
TECHNICAL STAFF REPORT
March 23, 2006
APPLICATION #: 40-069-68272-8

DATE RECEIVED:	DATE COMPLETED:	21ST DAY:	28TH DAY:
March 01, 2006	March 01, 2006	March 22, 2006	March 29, 2006

Applicant: Lake County Schools
C/O Gary M Parker
518 W Alfred Street
Tavares, FL 32778
(352) 253-6715

Consultant: Klima Weeks Civil Engineering Inc
C/O Jay A Klima PE
401 W Colonial Dr Ste 2
Orlando, FL 32804
(407) 447-5959

Project Name: East Ridge HS Classroom Addition
Project Acreage: 1.090
Planning Unit: Lake Apopka
Special Basin Criteria: Ocklawaha River Hydrologic Basin
Receiving Water Body: Landlocked Depressional **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: Governmental/Institutional
Type of System: Modification to an existing system
Final O&M Entity: Lake County Schools
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 a 1.09-acre Surface Water Management System previously authorized by Permit No. 4-069-68272-3 and known as East Ridge HS Classroom Addition. The project includes one two-story classroom building, walkways, and associated stormwater conveyance system to be constructed as per plans received by

the District on March 1, 2006. This permit does not authorize any work in, on, or over wetlands or other surface waters.

Staff Comments:

The proposed project is located at 13322 Excalibur Road within the main campus of East Ridge High School, in the City of Clermont. The site is within the Lake Apopka Basin.

Permit No. 4-069-68272-3 authorized the construction and operation of a master surface water management system known as High School AAA. The master system was sized for the runoff from the high school site and adjacent properties and connecting roadways. A large, landlocked depression of joint ownership and maintenance provides treatment and attenuation of stormwater runoff from the area known as the Main Basin. The project site lies within the basin.

With this application for authorization, the applicant proposes to construct a two-story classroom building with walkways in an area originally designed for a maximum allowable imperviousness of 24,000 square feet. The proposed project is consistent (i.e., 16,988 square feet of impervious area) with the original design assumptions. Stormwater runoff from the classroom and walkways will be collected and conveyed, via inlets and pipes, to the existing master system for discharge into the dry retention system that serves the Main Basin. District staff has determined through observations and as-built certifications that the system is functioning as designed.

Impacts: *Subsection 12.2.2, ERP A.H., states that an applicant must provide reasonable assurances that a regulated activity will not impact the values of wetland and other surface water functions so as to cause adverse impacts to: (a) the abundance and diversity of fish, wildlife and listed species; and (b) the habitat of fish, wildlife and listed species.*

The applicant is not proposing any impacts to wetlands or other surface waters.

Secondary impacts: *Subsection 12.2.7, ERP A.H., contains a four part criterion which addresses additional impacts that may be caused by a project: (a) impacts to wetland functions that may result from the intended use of a project; (b) impacts to the upland nesting habitat of listed species that are aquatic or wetland dependent; (c) impacts to significant historical and archaeological resources that are closely linked and causally related to any proposed dredging or filling of wetlands or other surface waters; and (d) wetland impacts that may be caused by future phases of the project or activities that are closely linked and causally related to the project.*

The project is sufficiently distant from offsite wetlands to ensure that the project will likely not cause unacceptable adverse secondary or cumulative impacts to those wetlands or upland habitats required by "listed" wetland-dependent species. Therefore, it has been determined that the applicant has provided reasonable assurances that the proposed activities will not result in unacceptable secondary impacts, as defined in subsection 12.2.7, ERP A.H.

Elimination/Reduction of Impacts: *Pursuant to subsection 12.2.1, ERP A.H., the applicant must consider practicable design modifications, which would reduce or eliminate adverse impacts to wetlands and other surface waters. A proposed modification which is not technically capable of being done, is not economically viable, or which*

adversely affects public safety through endangerment of lives or property is not considered "practicable".

Not applicable; no adverse wetland or other surface water impacts will result from the project.

Mitigation:

Not applicable; no adverse wetland or other surface water impacts will result from the project.

Cumulative Impacts: *Subsection 12.2.8, ERP A.H., requires applicants to provide reasonable assurances that their projects will not cause unacceptable cumulative impacts upon wetlands and other surface waters within the same drainage basin as the project for which a permit is sought. This analysis considers past, present, and likely future similar impacts and assumes that reasonably expected future applications with like impacts will be sought, thus necessitating equitable distribution of acceptable impacts among future applications. Mitigation, which offsets a projects adverse impacts within the same basin as the project for which a permit is sought is presumed to not cause unacceptable cumulative impacts.*

Not applicable; no adverse wetland or other surface water impacts will result from the project.

Summary: The proposed project is consistent with the wetland review criteria in sections 12.2 – 12.3.8, A.H. The applicant has provided reasonable assurance that the proposed project is consistent with the design criteria and objectives of the District as set forth in Chapters 40C-4, 40C-41, and 40C-42, F.A.C., and that the proposed project meets all applicable conditions for permit issuance pursuant to sections 40C-4.301, and 40C-4.302, F.A.C.

Conditions for Application Number 40-069-68272-8:

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 project must be constructed per the plans received by the District on March 1, 2006.
2. The operation and maintenance entity shall inspect the stormwater or surface water management system within one year after completion of construction and every year 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 to the Altamonte Springs Service Center, on form number 40C-42.900(6), Exceptions Report for Stormwater Management Systems Out of Compliance.

Reviewers: Gayle Albers
 Ruth Grady