



Technical Staff Report 1729

ERP
TECHNICAL STAFF REPORT ROUTING SHEET

26591

APP. NO. 40-069-0281A-ERP BOARD: N/A (or) 28TH DAY: 11-6-97

PROJECT NAME: East Knapp Parcel Phases 1-3

REVIEWERS: Aboodi / Prynosi

FILE NAME: I:\DATA\ALEX TSR40\EAASEKNAP.TSR ASSOC. PERMIT N/A

REVIEW AND ROUTING HISTORY	INITIALS AND DATE	
	RECEIVED	FORWARDED
REVIEWING ENGINEER	11-6-97	11-6-97
REVIEWING ES	_____	_____
OTHER STAFF (Specify)	_____	_____
SUPERVISING ES	11/6/97 WJA	11/6/97 → DD
SUPERVISING ENGINEER ^{MC} _{fn} 11/6	11/6/97	11/6/97
SERVICE CENTER DIRECTOR	DD 11/6/97	11/6/97
SERVICE CENTER TYPING REVISIONS	11-7-97 JCF	11-7-97
SENT TO PALATKA BY SC RECORDS OR 40C-40, 400 PERMIT ISSUED	_____	_____

(Check below when designated review is necessary)

- LEGAL (Specify) _____
- DIV. DIRECTOR/SURFACE WATER MGT. _____
- DIV. DIRECTOR/ENV. RES. MGT. _____
- OTHER (Specify) _____

DEPT. DIRECTOR/ASST. DEPT. DIRECTOR _____

EXHIBITS (other than maps)	YES <input checked="" type="radio"/> NO <input type="radio"/>	APPROVAL DENIAL (SUB) (40C-1.605)
SUPPLEMENTAL DATA	YES <input checked="" type="radio"/> NO <input type="radio"/>	
MAPS	YES <input checked="" type="radio"/> NO <input type="radio"/>	
LETTERS OF CONCERN	YES <input checked="" type="radio"/> NO <input type="radio"/>	
SITE INSPECTION REP	<input checked="" type="radio"/> YES <input type="radio"/> NO (See previous permit file)	
SSL AUTHORIZATION	YES <input checked="" type="radio"/> N/A <input type="radio"/>	

NO WETLANDS

Received: 10-9-97

21st Day: 10-30-97

28th Day: 11-6-97

STANDARD GENERAL ENVIRONMENTAL RESOURCE PERMIT
TECHNICAL STAFF REPORT

General Permit Application Number: 40-069-0281A-ERP

PROJECT NAME: East Knapp Parcel Phases 1-3

Applicant: Hamton P. Conley
P.O.Box 3873
Longwood, Florida 32791

Agent: James C. Branch, P.E.
Conklin, Porter & Holmes-Engineers, Inc.
101 North Woodland Blvd, Suite 100
Deland, Florida 32720

Consultant(s): Same as Agent

Section: 27 Township: 22 S Range: 26 E

Acres Owned: 61.5 Project Acreage: 58.7

MSSW/ERP Authority: 373 F.S.; 40C-4.041(2)(b)2., and 40C-40, F.A.C. —

Existing Land Use: Vacant, abandoned citrus grove

Hydrologic Basin(s): 7A

Receiving Water Body: Unnamed Lake Class: III

Easements/Restrictions: No.

Operation & Maintenance Entity: City of Clermont

O&M Documents Submitted and Reviewed
Correct Fee Submitted

Y x N N/A
Y x N N/A

MSSW/ERP AUTHORIZATION STATEMENT:

A permit authorizing:

- Alteration Operation Maintenance Modification
- Re-Issuance Removal Abandonment
- X Construction & Operation Modification & Operation

of a surface water management system for a ~~residential development with a three (3) phases~~ residential subdivision with associate roadways within ~~the the subdivision~~. The surface water management system includes 58.7 acres of area, with one dry retention pond~~s~~.

TYPE OF DEVELOPMENT:

(Check all applicable)

- x Residential -
 - x Single(1)
 - Multifamily(2)
- Recreational(3)
- Commercial(4)
- Industrial(5)
- Agricultural(6)
- Institutional(7)
- Roadway(8)
- Other(9):

TYPE OF TREATMENT PROPOSED:

(Check all applicable)

- x Retention (1)
- Dry Detention w/Underdrain (2)
- Dry Detention w/Filtration (3)
- Wet Detention w/Filtration (4)
- Exfiltration Trench (5)
- Wet Detention System (6)
- Swales (7)
- Swale with Ditch Block (8)
- Pervious Concrete (9)
- Wetlands (10)
- Alternative (11)
- Other (12):
- Dry Detention (13)

LOCATION OF SYSTEM:

The project site is located southeast of the SR 50 and Hancock Road intersection in ^{the} City of Clermont, in Lake County. The system includes one dry retention pond. The site is located within the Oklawaha River Hydrologic Basin.

ENGINEERING REVIEW:

- Pre/Post Peak Rate Attenuation Provided Y x N N/A
- Pre/Post Volume Attenuation Provided Y x N N/A
- Mean Annual Storm Attenuation Provided Y N N/A x
- Recovery Of Water Quality Volume Within Required Time Y x N
- Recovery Of Peak Attenuation Volume Within Required Time Y x N

Other Engineering Comments:

The proposed site is the construction of single family residential subdivision. The total drainage basin is 61.19 acres, ~~The~~ (58.7 acres is from on-site, and 2.49 acres from off-site area). The commercially zoned parcels to the north of phases 1 through 3 will be permitted separately from residential portion. The areas from the commercial parcels, which flow into the residential site, have been included as offsite undeveloped

areas in the pre-development and post-development conditions. In the process of construction phases 1 through 3, the excess dirt road is to be taken to an off-site stockpile location to the west of Hancock Road. The site is located within a land-locked basin. The runoff will be conveyed to a dry retention pond, for treatment and peak volume attenuation (i.e. 25-year 96-hour storm event). The proposed construction has no encroachment to a flood plain area. The site is located within the Ocklawaha River hydrologic Basin. The design, as proposed, meets the applicable Ocklawaha Basin criteria. The applicant has demonstrated that the proposed treatment system will provide treatment and recovery of the required pollution abatement volume, and volume storage of runoff, pursuant to chapter 40C-42, 40C-41, and 40C-4, F.A.C.

ENVIRONMENTAL REVIEW:

Environmental Comments:

The Knapp property is a vacant 58.7 acre parcel consisting of an abandoned citrus grove that has remained fallow for many years. There are no wetlands on-site.

Staff believes that 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.

Table 1:
PROJECT WETLAND (WL) AND OTHER SURFACE WATER (SW) SUMMARY

WL & SW ID	WL & SW TYPE	WL & SW SIZE	W/ & SW NOT IMPACTED	TEMPORARY WL & SW IMPACTS			PERMANENT WL & SW IMPACTS			MITIGATION ID
				WL & SW TYPE	IMPACT SIZE	IMPACT CODE	WL & SW TYPE	IMPACT SIZE	IMPACT CODE	
n/a										
PROJECT TOTALS:		0								

Comments:

CODES (multiple entries per cell not allowed):
Wetland Type: from an established wetland classification system (see Section E, IIIb)
Impact Type: D=dredge; F=fill; H=change hydrology; S=shading; C=clearing; O=other.

Table 2:
PROJECT ON-SITE MITIGATION SUMMARY

MITIGATION ID	CREATION		RESTORATION		ENHANCEMENT		WETLAND PRESERVATION		UPLAND PRESERVATION		OTHER	
	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE
n/a												
PROJECT TOTALS:	0											

Comments:

CODES (multiple entries per cell not allowed):
Target Type or Type = target or existing habitat type from an established wetland classification system or land use classification for non-wetland mitigation

Form Number 40C-4.900(1)

Page 9 of 12

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n/a												
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Form Number 40C-4.900(1)

Page 10 of 12

SEE ATTACHED:

- Biological Assessment Form (PAA)
- Table 4: DOCKING FACILITY INFORMATION
- Table 5: SHORELINE STABILIZATION INFORMATION
- Other:

CONDITIONS

ERP/MSSW STANDARD GENERAL PERMIT NO.: 40-

ERP/MSSW General (October 3, 1995): 1 - 19

ERP/MSSW Special Conditions (November 16, 1995): 1, 4, 10, 13, 28

ERP/MSSW Other Conditions:

1. The proposed surface water management system must be constructed and operated in accordance with the plans received by the District on October 9, 1997.
2. This permit ^{authorizes construction of} ~~will be issued for~~ the residential subdivision only. A permit modification will be required, ~~for~~ the commercial site, ~~located off-site of the property.~~ _{Prior to construction of}

Forms to be included with permit:

Completion Forms

- EN-44 (Non-registered)
- x EN-45 (Registered Professional)

Inspection Forms

- EN-47 (Non-reg.)
- x EN-46 (Reg. Prof.)
- EN-33 (Karst)
- EN-31 (Littoral Zone)
- Other:
- EN-55 (Wetland Monitoring)

REVIEWERS: Aboodi/Prynoski

DATE: Written
 Revised
 Revised
 Revised
 Revised

#2

Received:

21st Day:

28th Day:

**STANDARD GENERAL ENVIRONMENTAL RESOURCE PERMIT
TECHNICAL STAFF REPORT**

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101 North Woodland Blvd, Suite 100
Deland, Florida 32720

Consultant(s): Same as Agent

Section: **Township:** S **Range:** E
Acres Owned: **Project Acreage:**

MSSW/ERP Authority: 373 F.S.; 40C-4.041(2)(b)2., and 40C-40, F.A.C.

Existing Land Use:

Hydrologic Basin(s):

Receiving Water Body: **Class:**

Easements/Restrictions: None.

Operation & Maintenance Entity: Applicant.

O&M Documents Submitted and Reviewed Y x N N/A
Correct Fee Submitted Y x N N/A

MSSW/ERP AUTHORIZATION STATEMENT:

A permit authorizing:

- | | | | |
|---|------------------------------------|---|---------------------------------------|
| <input type="checkbox"/> Alteration | <input type="checkbox"/> Operation | <input type="checkbox"/> Maintenance | <input type="checkbox"/> Modification |
| <input type="checkbox"/> Re-Issuance | <input type="checkbox"/> Removal | <input type="checkbox"/> Abandonment | |
| <input type="checkbox"/> Construction & Operation | | <input type="checkbox"/> Modification & Operation | |

of a surface water management system for a three (3) phased residential subdivision with associate roadways. The surface water management system includes 58.7 acres of area, with one dry retention pond.

TYPE OF DEVELOPMENT:

(Check all applicable)

- x Residential -
 x Single(1)
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LOCATION OF SYSTEM:

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ENGINEERING REVIEW:

Pre/Post Peak Rate Attenuation Provided	Y x	N <input type="checkbox"/>	N/A <input type="checkbox"/>
Pre/Post Volume Attenuation Provided	Y x	N <input type="checkbox"/>	N/A <input type="checkbox"/>
Mean Annual Storm Attenuation Provided	Y <input type="checkbox"/>	N <input type="checkbox"/>	N/A <input type="checkbox"/>
Recovery Of Water Quality Volume Within Required Time	Y x	N <input type="checkbox"/>	
Recovery Of Peak Attenuation Volume Within Required Time	Y x	N <input type="checkbox"/>	

Other Engineering Comments:

The proposed site is the construction of single family residential subdivision. The total drainage basin is 61.19 acres-(58.7 acres from on-site, and 2.49 acres from off-site area). The commercially zoned parcels to the north of phases 1 through 3 will be permitted separately from the residential portion. The areas from the commercial parcels,

which flow into the residential site, have been included as offsite undeveloped areas in the pre-development and post-development conditions. In the process of constructions phases 1 through 3, the excess dirt is to be taken to an off-site stockpile location to the west of Hancock Road. The site is located within a land-locked basin. The runoff will be conveyed to a dry retention pond, for treatment and peak volume attenuation (i.e. 25-year 96-hour storm event). The proposed construction has no encroachment into a flood plain area. The site is located within the Ocklawaha River hydrologic Basin. The design, as proposed, meets the applicable Ocklawaha Basin criteria. The applicant has demonstrated that the proposed treatment system will provide treatment and recovery of the required pollution abatement volume, and volume storage of runoff, pursuant to chapter 40C-42, 40C-41, and 40C-4, F.A.C.

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Staff believes that 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.

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WL & SW ID	WL & SW TYPE	WL & SW SIZE	W/ & SW NOT IMPACTED	TEMPORARY WL & SW TYPE	TEMPORARY WL & SW IMPACT SIZE	TEMPORARY WL & SW IMPACTS IMPACT CODE	PERMANENT WL & SW TYPE	PERMANENT WL & SW IMPACT SIZE	PERMANENT WL & SW IMPACTS IMPACT CODE	MITIGATION ID
PROJECT TOTALS:										

Comments:

CODES (multiple entries per cell not allowed):
 Wetland Type: from an established wetland classification system (see Section E, IIIb)
 Impact Type: D=dredge; F=fill; H=change hydrology; S=shading; C=clearing; O=other.

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PROJECT TOTALS:												

Comments:

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Form Number 40C-4.900(1)

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	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE
PROJECT TOTALS:												

Comments:

CODES (multiple entries per cell not allowed):
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SEE ATTACHED:

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Forms to be included with permit:

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- EN-47 (Non-reg.)
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 Other:
 EN-55 (Wetland Monitoring)

REVIEWERS:

DATE: Written
Revised
Revised
Revised
Revised

Table 1:
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WL & SW ID	WL & SW TYPE	WL & SW SIZE	W/ & SW NOT IMPACTED	TEMPORARY WL & SW IMPACTS			PERMANENT WL & SW IMPACTS			MITIGATION ID
				WL & SW TYPE	IMPACT SIZE	IMPACT CODE	WL & SW TYPE	IMPACT SIZE	IMPACT CODE	
n/a										
PROJECT TOTALS:		0								

Comments: no wetlands on-site

CODES (multiple entries per cell not allowed):
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CODES (multiple entries per cell not allowed):
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n/a												
PROJECT TOTALS:	0											

Comments: no wetlands on-site

CODES (multiple entries per cell not allowed):
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TECHNICAL STAFF REPORT (TSR) CHECKLIST

PROJECT NAME: East Knapp Parcel Phases 1-3
PROJECT NUMBER(S): 40-069-0281A-ERP

ENVIRONMENTAL RESOURCE PERMIT (ERP):

- 1. PERMIT APPLICATION APPRAISAL
- 1a. SITE INSPECTION/FIELD REPORT
- 2. WETLAND INVENTORY
- 2b. Table 4
- 2c. Table 5
- 3. GIS/ADMINISTRATIVE TRACKING SHEET (ORIGINAL)
- 4. PERMIT MITIGATION FORM (IF APPLICABLE)
- 4a. MITIGATION BANK CHECKLIST (IF APPLICABLE)
- 5. LETTERS OF OBJECTION (IF APPLICABLE)
- 5a. DISTRICT RESPONSE (IF APPLICABLE)
- 6. REFERENCED ATTACHMENTS:

ITEM(S) MISSING AND/OR INCOMPLETE: YES NO (CIRCLE ONE)
ITEM NUMBER(S): # _____

ALL ITEMS PRESENT AND COMPLETE: YES NO (CIRCLE ONE)

PERMIT APPLICATION APPRAISAL FORM - BIOLOGICAL REPORT

ERP File Number: 40-069-0281A-ERP

Project Name: East Knapp Parcel Phases 1-3 County: Lake

Applicant: Hampton P. Conley

Waterbody: Landlocked system, flow to ponds to south; Planning Unit 7A Palatlahaha River Class: III

Outstanding Florida Waterbody (if applicable):

Inspection by: Barbara Prynosi Date of Inspection: 10/24/97

Attach photographs and site map indicating photo stations and directions of view. Attach sketches or notes on site plan if needed for clarification of descriptions.

ERP Project Description (to be used on TSR and permit)

- Construction and operation of a new system
Alteration and operation of an existing system not previously permitted by the District
Modification of a system previously permitted by the District (check one of the boxes below)
Alteration and operation of an existing system; previous permit number:
Construction and operation of additional phases of a system; previous permit number:
Removal of a system
Re-application for permit that has expired
Abandonment of a system
Extension of permit prior to expiration

Project History:

(pre-application meetings; related permits; previous/existing violations(if they exist))

No pre-application meetings were held, per application.

Construction Techniques and Turbidity Controls:

(if dredging in waters is proposed, describe the sediment characteristics)

No surface waters or wetlands on site.

Site Biophysical Characteristics

Vegetative Community:

(community description-both uplands and wetlands(assign each wetland an i.d. number for description purposed - see page 4 of form); community types; condition of community; surrounding land use)

261/Fallow Cropland: Upland, vacant abandoned citrus grove. Remnant rows of citrus trees exist, as well as dog fennel, natal grass and other upland grasses and herbaceous species, lantana, pokeweed, peppergrass, live oaks to east and north.

No surface waters or wetlands on site.

Site Disturbances:

(degree and types of existing site disturbances; exotic/nuisance species)

Site has been fallow for some time. There is some discarding of trash on this vacant lot.

Hydrologic Characteristics:

(current conditions; normal/historical conditions)

No surface waters or wetlands on site.

Wildlife Use:

(observed or reasonably anticipated (including T or E species); role of site in overall trophic structure of area, including use by man; attach macro-invertebrate assessment(if applies))

The biologist report (Modica and Associates) indicated use by birds, reptiles, including gopher tortoise and small mammals. This reviewer observed mourning doves and a black vulture soaring overhead.

This upland provides some cover to the above and a good seed source for food.

Water Quality:

(characterize existing quality, include suspected cause of current problems (if any exist))

No surface waters or wetlands on site.

Wetland Impact/Mitigation Proposal Summary

No surface waters or wetlands on site.

i:\data\barbara\reports\knapaa

10/24/97 Knapp Property East

48-069-0281A-ERP Clewiston

Rt. 50 & Hancock Rd. ~ 57 acres.

Abandoned grove; Majority of site
herbaceous ground cover w/ some
remnants of citrus trees; Typhasess
(Natal) & others, ragweed, dog fennel

lantana, grape vine, smilax, pepper tree
prickly pear cacti, pokeweed. Trees
to east and north ~ oak (live), ~~Star~~
also saw palmetto
persimmon. No ~~V~~

SCS soils →

may have some
HAZ. waste 3 old
oil tanks discont.
(empty)

W.L. Mourning Dove

Black vulture (overhead)

G.T. are known to be on site →

scrub area - live turkey
- oak/sawpal., lupine

N/NE of site

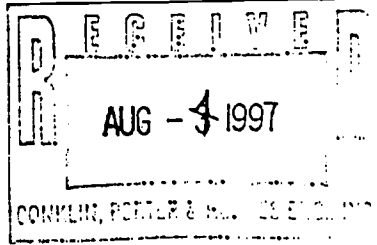
G6778-50
C

Modica and Associates

Environmental Planning, Design & Permitting

①

July 31, 1997



J. Brett Markovitz
Conklin, Porter and Holmes Engineers, Inc.
101 N. Woodland Boulevard, Suite 100
Deland, FL 32720

Associates:
Jim Modica, B.S., President
John Miklos, B.S., Project Manager
Rodney Hudson, B.S., Limnologist
Peter Johnson, B.S., Limnologist
T. Hudgins Warlick, B.S.A., Soil Scientist
Walter Taylor, Ph.D., Field Biologist
Jim McCann, B.S., Horticulturalist
Amy Stewart, Office Manager

Re: Knapp Property East (Lake County)
Preliminary Environmental Assessment

RECEIVED

OCT 09 1997
40-069-0281 A-ERP
RECORDS
ORLANDO
SJR WMD X

Dear Brett:

Modica and Associates completed the preliminary environmental assessment of the Knapp Property on July 23, 1997 to document the vegetation and land-use cover, wildlife inhabiting the site, general site conditions and extent of any on-site wetlands. This site is approximately 57 acres and is located in Lake County (Section 27, Township 22 South, Range 26 East). The site is just south of SR 50 and fronts Hancock Road along the west side. The following paragraphs describe observations made during the assessment, as well as the methodologies used to evaluate the site.

The site was evaluated by using a series of belt transects and pedestrian surveys to document the vegetative communities and wildlife utilization. The transects varied from 100 to 500 feet in length and 20 to 30 feet in width. The total area of the transects covered more than 15% of the ecological community that occurs on the site. The transects were visually surveyed for plant species composition through ground-truthing. A variety of tools were used during the assessment including soils maps, aerial photographs and binoculars.

Vegetative cover at the Knapp Property was composed of only one cover type. The entire property was made up of an abandoned citrus grove which would have a Florida Land Use, Cover and Forms Classification System code of **Fallow Crop Land (261)**. Rows of citrus trees still exist throughout the site, however the site obviously had not been maintained for many years. Common plant species observed at this site included, dog fennel (*Eupatorium*



310 Almond St.
Clermont, FL 34711
Telephone (352) 394-2000
Fax (352) 394-1159

capillifolium), lantana (*Lantana involucrata*), natal grass (*Rhynchelytrum repens*), ragweed (*Ambrosia artemisiifolia*), hairy indigo (*Indigofera hirsuta*), greenbriar (*Smilax auriculata*), muscadine grape (*Vitis rotundifolia*), sky-blue lupine (*Lupinus diffusus*), peppergrass (*Lepidium virginicum*), rattle box (*Crotalaria spp.*), groundsel tree (*Baccharis halimifolia*), Mexican clover (*Richardia brasiliensis*), passion flower (*Passiflora incarnata*), southern plantain (*Plantago virginica*), prickly-pear cactus (*Opuntia humifusa*), morning-glory (*Ipomoea macrorhiza*), pokeweed (*Phytolacca americana*), cottonweed (*Froelichia floridana*), camphorweed (*Heterotheca subaxillaris*), and various exotic and native grasses. In addition, some scattered trees were also present. These included live oak (*Quercus virginiana*), winged sumac (*Rhus copallina*), wild cherry (*Prunus serotina*) and common persimmon (*Diospyros virginiana*).

As mentioned, the Knapp Property was also evaluated to determine if any wildlife species currently utilizing the property are "listed" as Endangered, Threatened, or Species of Special Concern by the Florida Game and Freshwater Fish Commission (FGFWFC) or the United States Fish and Wildlife Service (USFWS). Several wildlife species were observed on the project site at the time of the evaluation. The following is a list of those species present during the evaluation including any direct observations made and evidence of any particular species found (i.e. tracks, burrows, etc...).

BIRDS

Black Vulture (*Coragyps atratus*)
American Crow (*Corvus brachyrhynchos*)
Loggerhead Shrike (*Lanius ludovicianus*)
Northern Mockingbird (*Mimus polyglottos*)
Mourning Dove (*Zenaida macroura*)
Northern Bobwhite (*Colinus virginianus*)
Eastern Towhee (*Pipilo erythrophthalmus*)

REPTILES

gopher tortoise (*Gopherus polyphemus*)
six-lined racerunner (*Cnemidophorus sexlineatus sexlineatus*)

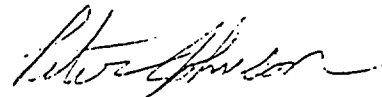
MAMMALS

pocket gopher (*Geomys pinetis*).


The gopher tortoise was the only observed species listed in the Florida Game and Freshwater Fish Commission's (FGFWFC) Official Lists of Endangered and Potentially Endangered Fauna and Flora in Florida. The gopher tortoise is currently "listed" as a species of special concern. The FGFWFC provides four options for developers who have gopher tortoises on property that is being developed. These options include avoidance, preservation of habitat, contribution to a wildlife trust fund (i.e. contribution of money for purchase of land that is part of a gopher tortoise mitigation bank) and relocation.

Please contact our office at (352) 394-2000 if you have any questions or comments regarding the information provided above, or if any further work is required. Thank you.

Sincerely,



Peter Johnson
Biologist



Jim Modica
President

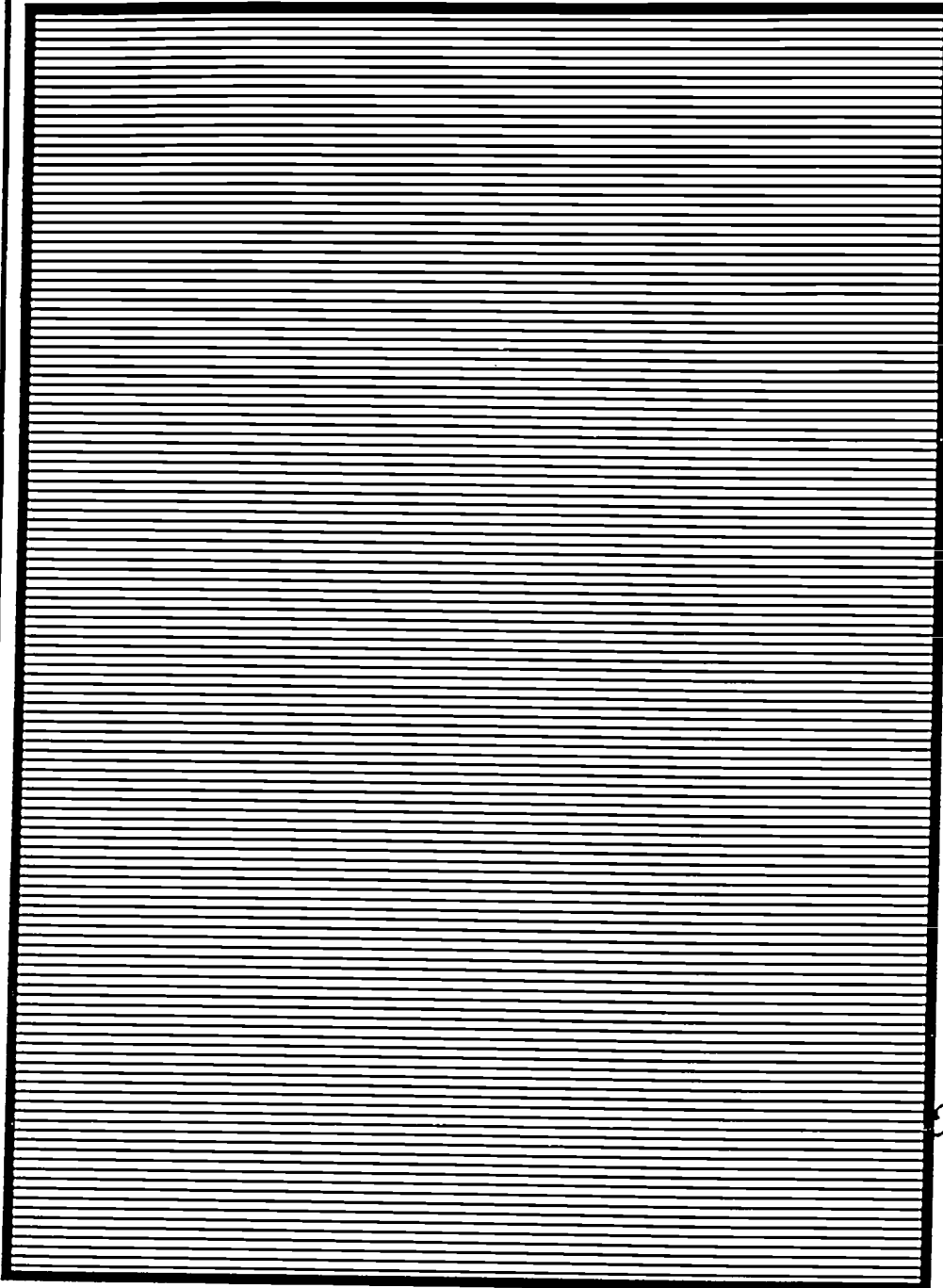
cc: Hamp Conley

Legend



Fallow Crop Land (261)

Hancock Road



North



Modica and Associates
310 Almond St.
Clermont, FL 34711
(352) 394-2000

**FLUCFCS map of the
Knapp Property**

Drawn By:
P. Johnson
Date: 7-25-97
Scale:

TECHNICAL STAFF REPORT (TSR) CHECKLIST

PROJECT NAME: East Knapp Parcel Phases 1-3
PROJECT NUMBER(S): 40-069-0281A-ERP

ENVIRONMENTAL RESOURCE PERMIT (ERP):

- 1. PERMIT APPLICATION APPRAISAL
- 1a. SITE INSPECTION/FIELD REPORT

- 2. WETLAND INVENTORY
- 2b. Table 4
- 2c. Table 5

- 3. GIS/ADMINISTRATIVE TRACKING SHEET (ORIGINAL)

- 4. PERMIT MITIGATION FORM (IF APPLICABLE)
- 4a. MITIGATION BANK CHECKLIST (IF APPLICABLE)

- 5. LETTERS OF OBJECTION (IF APPLICABLE)
- 5a. DISTRICT RESPONSE (IF APPLICABLE)

- 6. REFERENCED ATTACHMENTS:

ITEM(S) MISSING AND/OR INCOMPLETE: YES NO (CIRCLE ONE)
ITEM NUMBER(S): # _____

ALL ITEMS PRESENT AND COMPLETE: YES NO (CIRCLE ONE)

PERMIT APPLICATION APPRAISAL FORM - BIOLOGICAL REPORT

ERP File Number: 40-069-0281A-ERP

Project Name: East Knapp Parcel Phases 1-3 County: Lake

Applicant: Hampton P. Conley

Waterbody: Landlocked system, flow to ponds to south; Planning Unit 7A Palatlahaha River Class: III

outstanding Florida Waterbody (if applicable):

Inspection by: Barbara Prynoski Date of Inspection: 10/24/97

Attach photographs and site map indicating photo stations and directions of view. Attach sketches or notes on site plan if needed for clarification of descriptions.

ERP Project Description (to be used on TSR and permit)

- Construction and operation of a new system
Alteration and operation of an existing system not previously permitted by the District
Modification of a system previously permitted by the District (check one of the boxes below)
Alteration and operation of an existing system; previous permit number:
Construction and operation of additional phases of a system; previous permit number:
Removal of a system
Re-application for permit that has expired
Abandonment of a system
Extension of permit prior to expiration

Project History:

(pre-application meetings; related permits; previous/existing violations(if they exist))

No pre-application meetings were held, per application.

Construction Techniques and Turbidity Controls:

(if dredging in waters is proposed, describe the sediment characteristics)

No surface waters or wetlands on site.

Site Biophysical Characteristics

Vegetative Community:

(community description-both uplands and wetlands(assign each wetland an i.d. number for description purposed - see page 4 of form); community types; condition of community; surrounding land use)

261/Fallow Cropland: Upland, vacant abandoned citrus grove. Remnant rows of citrus trees exist, as well as dog fennel, natal grass and other upland grasses and herbaceous species, lantana, pokeweed, peppergrass, live oaks to east and north.

No surface waters or wetlands on site.

Site Disturbances:

(degree and types of existing site disturbances; exotic/nuisance species)

Site has been fallow for some time. There is some discarding of trash on this vacant lot.

Hydrologic Characteristics:

(current conditions; normal/historical conditions)

No surface waters or wetlands on site.

Wildlife Use:

(observed or reasonably anticipated (including T or E species); role of site in overall trophic structure of area, including use by man; attach macro-invertebrate assessment(if applies))

The biologist report (Modica and Associates) indicated use by birds, reptiles, including gopher tortoise and small mammals. This reviewer observed mourning doves and a black vulture soaring overhead.

This upland provides some cover to the above and a good seed source for food.

Water Quality:

(characterize existing quality, include suspected cause of current problems (if any exist))

No surface waters or wetlands on site.

Wetland Impact/Mitigation Proposal Summary

No surface waters or wetlands on site.

i:\data\barbara\reports\knapaa

10/27/97 Knapp Property East

40-064-0281A-EEP Clewiston

Rt. 50 + Hancock Rd. ~ 57 acres.

Abandoned grove; Majority of site
herbaceous ground cover w/ some
remnants of citrus rows; Ugrasses
(Natal) & others, ragweed, dog fennel
lantana, grape vine, smilax, pepper grass
prickly pear cacti, pokeweed. Trees
to east and north - oak (live), Sabal
also saw palmetto
persimmon. No V.

SES Soils ->

may have some
HAZ. waste, old
parks discards
(Company)

White Mourning Dove

Black vulture (overhead)

G.T. are known to be on site ->

scrub area - Live turkey
Owl, Swamp sp., long pine

N/NE of site

MSSW-
Individual
Generals

GIS/ADMINISTRATIVE APPLICATION TRACKING SHEET

Application Number: 40-069-0281A-ERP Reviewer(s): Aboodi / Prynoski

Date Received: 10-9-97

Applicant: Hamton P. Conley

Project Name: East Knapp Parcel Phases 1-3

Request for Additional Information must be mailed by: _____

Regulatory Meeting Date if determined technically/administratively complete: _____

Date 1st RAI sent: _____	Date 1st Resp. received: _____
Date 2nd RAI sent: _____	Date 2nd Resp. received: _____
Date 3rd RAI sent: _____	Date 3rd Resp. received: _____
Date 4th RAI sent: _____	Date 4th Resp. received: _____

Date Application Complete: 11-5-97

Schedule for _____ Regulatory Meeting (Approval/Denial)

MAPPING INFORMATION:

Acceptable as Recorded: YES _____ NO _____

Location Criteria: _____

MAP NUMBER

QUAD

_____	_____
_____	_____
_____	_____

Comments: _____

Date Application Entered: _____ Initials: _____

Date Application Mapped: _____ Initials: _____

** NOTE: PLEASE RETURN TO THE DATA MANAGEMENT SUPERVISOR UPON SCHEDULING BOARD ACTION.