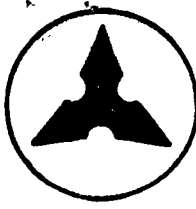


Project Correspondence

1724

PAC



FARNER BARLEY

ENGINEERS ▲ SURVEYORS ▲ PLANNERS

AND ASSOCIATES, INC

COMPANY: <u>ST. JOHNS RIVER WATER MANAGEMENT DISTRICT</u>	DATE: <u>11/18/98</u> JOB # <u>961504.001</u>
ADDRESS: <u>VIA PICK UP BY JOAN BUDZINSKI</u>	ATTN: <u>CHOU FANG, PH.D., P.E.</u>
<u>618 E. SOUTH STREET</u>	RE: <u>LEGENDS</u>
CITY/ST: <u>ORLANDO, FL 32801</u>	

WE ARE SENDING YOU ATTACHED UNDER SEPARATE COVER VIA _____ THE FOLLOWING:

<input type="checkbox"/> PLANS	<input type="checkbox"/> LETTER	<input type="checkbox"/> SHOP DRAWINGS	<input type="checkbox"/> PRINTS
<input type="checkbox"/> SPECIFICATIONS	<input type="checkbox"/> DRAWINGS	<input type="checkbox"/> REPORT	<input type="checkbox"/> CHANGE ORDER
<input type="checkbox"/> MAPS/PHOTOS	<input type="checkbox"/> BIDS	<input type="checkbox"/> INFORMATION	<input type="checkbox"/> PERMIT APPLICATION
<input checked="" type="checkbox"/> OTHER _____			

NO.	COPIES	DATE	DESCRIPTION
1	4		LEGENDS PHASE AND BASIN CORRELATION IMPERVIOUS AREA AND PERVIOUS AREA (SIGNED, SEALED, & DATED)
2	4		CURVE NUMBER MAP (SIGNED, SEALED, & DATED) - FOR THE PERMIT
3	2		CURVE NUMBER MAP (SIGNED, SEALED, & DATED) - FOR YOUR USE


THESE ARE BEING TRANSMITTED AS INDICATED BELOW:

<input checked="" type="checkbox"/> AS REQUESTED	<input checked="" type="checkbox"/> FOR YOUR USE	<input type="checkbox"/> FOR REVIEW AND COMMENT
<input type="checkbox"/> FOR APPROVAL	<input type="checkbox"/> PER DISCUSSION	<input type="checkbox"/> RETURNED AFTER LOAN
<input type="checkbox"/> OTHER _____		

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COMMENTS: SHOULD YOU HAVE ANY QUESTIONS, PLEASE FEEL FREE TO CONTACT OUR OFFICE

NOV. 19 1998
4-069-0357 A-EPP
PDS
ORLANDO
SJR WMB

CC: FILE _____ SIGNED:  _____
DUANE K. BOOTH, P.E.

**LEGENDS
PHASE AND BASIN CORRELATION
IMPERVIOUS AREA (AC.)**

BASIN	PHASES										TOTAL	
	1	2	3	4	5	6	7	8	9	10		
1	1.18		0.26									1.44
2A	2.33											2.33
2B	3.53											3.53
2C*	1.12										1.39	4.92
3	5.53											1.12
4	2.98									3.66		9.19
6												2.98
7	1.18				.054							0
8		0.67										6.95
9**		1.07										0.67
10			2.01	1.30								1.07
11			1.40	1.15								3.31
12		3.11	0.38									2.55
14		1.34										3.49
15	3.18	0.10										1.34
16					4.87							3.28
18					5.92							4.87
19					2.31	.04						5.92
20		0.57	1.06	0.08		.04						2.35
21			0.43	6.48				0.38				1.75
22				0.04		0.43	1.76					7.29
23		0.84			1.99	6.90	0.10	0.35				2.23
24						0.27	8.02	5.11				10.18
TOTAL	21.03	7.70	5.54	9.05	15.63	7.78	10.16	5.46	3.66	6.62		92.63

* DOES NOT INCLUDE 1.37 AC. FOR WET POND
 ** DOES NOT INCLUDE 1.72 AC. FOR WET POND (IRRIGATION)

C:\WP60\KINGSRID\LEGENDS\IMPERV.COR

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 NOV 19 1998
 4-08-0357A-ERR
 PDS
 ORLANDO
 SJR WMD

DUANE A. BERT
 CERTIFIED
 NO 44331
 STATE OF
 FLORIDA
 REGISTERED ENGINEER
 NOV 18 1998

**LEGENDS
PHASE AND BASIN CORRELATION
PERVIOUS AREA (AC.)**

BASIN	PHASES										TOTAL	
	1	2	3	4	5	6	7	8	9	10		
1	1.61		0.13									1.74
2A	2.89											2.89
2B	3.21									0.21		3.42
2C	1.68											1.68
3	5.30								.65			5.95
4	4.54											4.54
6												0
7	1.73				0.67						1.21	3.61
8		1.12										1.12
9		1.23										1.23
10			2.09	1.92								4.01
11			2.90	1.65								4.55
12		2.69	0.47									3.16
14		1.96										1.96
15	4.78	0.20										4.98
16					6.83							6.83
18					7.87							7.87
19					5.09	0.16						5.25
20		0.73	1.34	0.12		0.40						2.59
21			0.52	9.90			0.72					11.14
22				0.11		1.27	1.94					3.32
23		2.15			2.40	6.90	0.20	0.65				12.31
24						0.43	12.83	8.29				21.55
TOTAL	25.74	10.08	7.45	13.70	22.86	9.16	15.69	8.95	0.65	1.42		115.70

RESOURCE MANAGEMENT ROUTING SHEET

Application Number: 4-069-0357A-ERP

Date : 11/ 6/98

Date Received: 11/ 5/98

Appl. Received: 8/17/98

Date Issued: / /

Related Permit: _____

Mail Type: PENDING APPL. CORR.

F.O.R.: 

Project Name: LEGENDS

* Name Job Title Office *

CHOU FANG PROFESSIONAL ENGINEER ORL

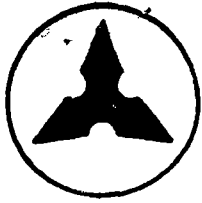
BARBARA PRYNOSKI ENVIRONMENTAL SPECIALIST ORL

GENERAL COUNSEL:

Comments:

REVISED PLANS AND CALCS

Copied and Routed By: sa on 11-6-98
MAIL ROUTED FROM: ORL PROCESSED BY: SA



FARNER BARLEY

AND ASSOCIATES, INC

ENGINEERS ▲ SURVEYORS ▲ PLANNERS

COMPANY: <u>ST. JOHNS RIVER WATER MANAGEMENT DISTRICT</u>	DATE: <u>11/4/98</u> JOB # - <u>961504.001</u>
ADDRESS: <u>VIA FEDERAL EXPRESS</u>	ATTN: <u>CHOU FANG, PH.D., P.E.</u>
<u>618 E. SOUTH STREET</u>	RE: <u>LEGENDS - Individual</u>
CITY/ST: <u>ORLANDO, FL 32801</u>	

WE ARE SENDING YOU ATTACHED UNDER SEPARATE COVER VIA _____ THE FOLLOWING:

<input type="checkbox"/> PLANS	<input type="checkbox"/> LETTER	<input type="checkbox"/> SHOP DRAWINGS	<input type="checkbox"/> PRINTS
<input type="checkbox"/> SPECIFICATIONS	<input type="checkbox"/> DRAWINGS	<input type="checkbox"/> REPORT	<input type="checkbox"/> CHANGE ORDER
<input type="checkbox"/> MAPS/PHOTOS	<input type="checkbox"/> BIDS	<input type="checkbox"/> INFORMATION	<input type="checkbox"/> PERMIT APPLICATION
<input checked="" type="checkbox"/> OTHER _____			


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4 - 11/9 - 9-0357A-erp
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SJR WMD

NO.	COPIES	DATE	DESCRIPTION
1	4		CURVE NUMBER CALCULATIONS
2	4		PHASING PLAN WITH CURVE NUMBERS

THESE ARE BEING TRANSMITTED AS INDICATED BELOW:

<input type="checkbox"/> AS REQUESTED	<input checked="" type="checkbox"/> FOR YOUR USE	<input type="checkbox"/> FOR REVIEW AND COMMENT
<input type="checkbox"/> FOR APPROVAL	<input type="checkbox"/> PER DISCUSSION	<input type="checkbox"/> RETURNED AFTER LOAN
<input type="checkbox"/> OTHER _____		

COMMENTS: SHOULD YOU HAVE ANY QUESTIONS, PLEASE FEEL FREE TO CONTACT OUR OFFICE.

CC: FILE _____ SIGNED:  _____
DUANE K. BOOTH, P.E.

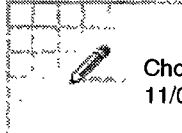
LEGENDS - CURVE NUMBER CALCULATIONS
BY PHASE NUMBER

PHASE	TOTAL AREA	AREA PERVIOUS	AREA IMPERVIOUS	C.N.
I	46.77	32.33 x 39	14.44 x 98	57
II	17.78	10.43 x 39	7.35 x 98	63
III	12.99	7.03 x 39	5.96 x 98	66
IV	22.75	13.71 x 39	9.04 x 98	63
V	38.49	22.20 x 39	16.29 x 98	64
VI	16.94	9.94 x 39	7.00 x 98	63
VII	25.85	15.87 x 39	9.98 x 98	62
VIII	14.41	8.83 x 39	5.58 x 98	62
IX *	4.31	0.65 x 39	3.66 x 98	89
X *	8.04	1.20 x 39	6.84 x 98	89

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4-069-0857A-ERP
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ORLANDO
SJR WMD

* BASED ON 85% IMPERVIOUS (MAX.) - CITY OF CLERMONT CODE





Chou Fang
11/02/98 01:59 PM

To: Gloria Lewis/SJRWMD@SJRW
cc: Shirlee Arrowood/SJRWMD@SJRWMD, Lori Dowdy/SJRWMD@SJRWMD, Shannon Barican/SJRWMD@SJRWMD, Quenteria Johnson/SJRWMD@SJRWMD, Patrick Frost/SJRWMD@SJRWMD, Elizabeth Thomas/SJRWMD@SJRWMD, David Dewey/SJRWMD@SJRWMD, Lance Hart/SJRWMD@SJRWMD, Joan Budzynski/SJRWMD@SJRWMD, Barbara Prynosi/SJRWMD@SJRWMD, Ann Freeman/SJRWMD@SJRW
Subject: Addition to December Agenda
Legends; Application 4-069-0357A-ERP

Please add the subject project to the December board agenda.

Project Name: **Legends**
App Number: **4-069-0357A-ERP**
Proposed Action: **Approval**
Objectors: **None known.**
Reviewers: **C.Fang / B.Prynosi**
Receiving Waterbody: **Land-locked Basins**
State Submerged Lands: **No**

Final Action must be taken by **Jan. 1999** Board Meeting.
Comments:

RESOURCE MANAGEMENT ROUTING SHEET

Application Number: 4-069-0357A-ERP

Date : 10/29/98

Date Received: 10/28/98

Appl. Received: 8/17/98

Date Issued: / /

Related Permit: _____

Mail Type: PENDING APPL. CORR.

F.O.R.: *P*

Project Name: LEGENDS

 * Name Job Title Office *

CHOU FANG PROFESSIONAL ENGINEER ORL

BARBARA PRYNOSKI ENVIRONMENTAL SPECIALIST ORL

GENERAL COUNSEL:

Comments:

SIGNED AND SEALED PLANS, CALCS, PAGE 4 OF APPLICAITON

Copied and Routed By: *Sa* on *10-29-98*
 MAIL ROUTED FROM: ORL PROCESSED BY: SA

POND VOLUME

PROJECT: LEGENDS

PROJECT NO.: 961504.001

DESCRIPTION: POND 9

DATE: 10/25/98

ELEVATION	AREA (SQ. FT.)	AVERAGE AREA (SQ. FT.)	DELTA HEIGHT (FEET)	DELTA VOLUME (CU. FT.)	STORAGE (CU. FT.)	STORAGE (AC. FT.)
228	25078				0	0
		27,705	1	27,705		
229	30331				27,705	0.64
		33,119	1	33,119		
230	35906				60,824	1.40
		38,860	1	38,860		
231	41813				99,684	2.29
		44,893	1	44,893		
232	47972				144,577	3.32
		51,165	1	51,165		
233	54357				195,742	4.49
		57,663	1	57,663		
234	60969				253,405	5.82
		64,388	1	64,388		
235	67806				317,793	7.30
		71,339	1	71,339		
236	71870				389,132	8.93
		78,516	1	78,516		
237	82160				467,648	10.74
		85,919	1	85,919		
238	89676				553,567	12.71
		93,548	1	93,548		
239	97419				647,115	14.86
		119,597	1	119,597		
240	141774				766,712	17.60

POND VOLUME

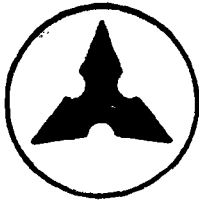
PROJECT: LEGENOS

PROJECT NO.: _____

DESCRIPTION: POND 23

DATE: 6/5/98

ELEVATION	AREA (SQ. FT.)	AVERAGE AREA (SQ. FT.)	DELTA HEIGHT (FEET)	DELTA VOLUME (CU. FT.)	STORAGE (CU. FT.)	STORAGE (AC. FT.)
134	10714				0	0
		12550	1	12550		
135	14385				12550	0.29
		16540	1	16540		
136	18695				29090	0.67
		20851	1	20851		
137	23006				49941	1.15
		25162	1	25162		
138	27317				75103	1.72
		29472	1	29472		
139	31627				104575	2.40
		33783	1	33783		
140	35938				138358	3.18
		38968	1	38968		
141	41998				177326	4.07
		45029	1	45029		
142	48059				222355	5.10
		51090	1	51090		
143	54120				273495	6.28
		57150	1	57150		
144	60180				330595	7.59
		63211	1	63211		
145	66241				393806	9.04
		70096	1	70096		
146	73950				463902	10.65
		77805	1	77805		
147	81660				541707	12.44
		93224	3	279672		
150	104788				821379	18.86



FARNER BARLEY

ENGINEERS ▲ SURVEYORS ▲ PLANNERS

AND ASSOCIATES, INC

COMPANY: <u>ST. JOHNS RIVER WATER MANAGEMENT DISTRICT</u>	DATE: <u>10/29/98</u> JOB #- <u>961504.001</u>
ADDRESS: <u>VIA FEDERAL EXPRESS <i>Hand delivery</i></u>	ATTN: <u>CHOU FANG, PH.D., P.E.</u>
<u>618 E. SOUTH STREET</u>	RE: <u>LEGENDS-INDIVIDUAL</u>
CITY/ST: <u>ORLANDO, FL 32801</u>	

WE ARE SENDING YOU ATTACHED UNDER SEPARATE COVER VIA _____ THE FOLLOWING:

<input type="checkbox"/> PLANS	<input type="checkbox"/> LETTER	<input type="checkbox"/> SHOP DRAWINGS	<input type="checkbox"/> PRINTS
<input type="checkbox"/> SPECIFICATIONS	<input type="checkbox"/> DRAWINGS	<input type="checkbox"/> REPORT	<input type="checkbox"/> CHANGE ORDER
<input type="checkbox"/> MAPS\PHOTOS	<input type="checkbox"/> BIDS	<input type="checkbox"/> INFORMATION	<input type="checkbox"/> PERMIT APPLICATION
<input checked="" type="checkbox"/> OTHER _____			

NO.	COPIES	DATE	DESCRIPTION
1	5		PRINTS OF CURVE NUMBER MAP LEGENDS (SIGNED, SEALED, & DATED 10/29/98)
2	1		STAGE-STORAGE CALCULATIONS (SIGNED, SEALED, & DATED 10/29/98)
3	1		SIGNED PAGE 4 OF SJRWMD APPLICATION BY CLIENT

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OCT 28 1998
4.069-2007A-ESP
PDS
ORLANDO
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THESE ARE BEING TRANSMITTED AS INDICATED BELOW:

<input type="checkbox"/> AS REQUESTED	<input checked="" type="checkbox"/> FOR YOUR USE	<input type="checkbox"/> FOR REVIEW AND COMMENT
<input type="checkbox"/> FOR APPROVAL	<input type="checkbox"/> PER DISCUSSION	<input type="checkbox"/> RETURNED AFTER LOAN
<input type="checkbox"/> OTHER _____		

COMMENTS: SHOULD YOU HAVE ANY QUESTIONS, PLEASE FEEL FREE TO CONTACT OUR OFFICE.

CC: FILE SIGNED: *[Signature]*
DUANE K. BOOTH, P.E.

By signing and submitting this application form, I am applying, or I am applying on behalf of the applicant, for the permit and any proprietary authorizations identified above, according to the supporting data and other incidental information filed with this application. I am familiar with the information contained in this application, and represent that such information is true complete and accurate. I understand this is an application and not a permit, and work prior to approval is a violation. I understand that this application and any permit issued or proprietary authorization issued pursuant thereto, does not relieve me of any obligation for obtaining any other required federal, state, water management district or local permit prior to commencement of construction. I agree, or I agree on behalf of my corporation, to operate and maintain the permitted system unless the permitting agency authorizes transfer of the permit to a responsible operation entity. I understand that knowingly making any false statement or representation in this application is a violation of Section 373.430, F.S., and 18 U.S.C. Section 1001.

ROBERT AHRENS

Typed/Printed Name of Applicant (If no Agent is used) or Agent (If one is so authorized below)

Signature of Applicant/Agent

[Handwritten Signature] 10/27/98

RECEIVED
OCT 28 1998

VICE PRESIDENT

(Corporate Title if applicable)

AN AGENT MAY SIGN ABOVE ONLY IF, THE APPLICANT COMPLETES THE FOLLOWING:

I hereby designate and authorize the agent listed above to act on my behalf, or on behalf of my corporation, as the agent in the processing of this application for the permit and/or proprietary authorization indicated above; and to furnish, on request, supplemental information in support of the application. In addition, I designate and authorize the above-listed agent to bind me, or my corporation, to perform any requirement which may be necessary to procure the permit or authorization indicated above. I understand that knowingly making any false statement or representation in this application is a violation of Section 373.430, F.S., and 18 U.S.C. Section 1001.

PDS
LNDP
SJR WMD

Typed/Printed Name of Applicant

Signature of Applicant

Date

(Corporate Title if applicable)

Please note: The applicant's original signature (not a copy) is required above.

PERSON AUTHORIZING ACCESS TO THE PROPERTY MUST COMPLETE THE FOLLOWING:

I either own the property described in this application or I have legal authority to allow access to the property, and I consent, after receiving prior notification, to any site visit on the property by agents or personnel from the Department of Environmental Protection, the Water Management District and the U.S. Army Corps of Engineers necessary for the review and inspection of the proposed project specified in this application. I authorize these agents or personnel to enter the property as many times as may be necessary to make such review and inspection. Further, I agree to provide entry to the project site for such agents or personnel to monitor permitted work if a permit is granted.

KEENE M. GERBER

Typed/Printed Name

Signature

Date

OWNER.

(Corporate Title if applicable)

RESOURCE MANAGEMENT ROUTING SHEET

Application Number: 4-069-0357A-ERP

Date : 10/22/98

Date Received: 10/22/98

Appl. Received: 8/17/98

Date Issued: / /

Related Permit: _____

Mail Type: RAI RESPONSE

F.O.R.: *P*

Project Name: LEGENDS

* Name Job Title Office *

CHOU FANG PROFESSIONAL ENGINEER ORL

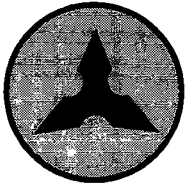
BARBARA PRYNOSKI ENVIRONMENTAL SPECIALIST ORL

GENERAL COUNSEL:

Comments:

REVISED ~~PLANS~~ *Calco*

Copied and Routed By: *Ja* on *10-22-98*
MAIL ROUTED FROM: ORL PROCESSED BY: SA



FARNER BARLEY

ENGINEERS ▲ SURVEYORS ▲ PLANNERS

AND ASSOCIATES, INC.

VIA FAX AND FEDERAL EXPRESS

October 21, 1998

Chou Fang, Ph.D., P.E.
Department of Resource Management
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
618 E. South Street
Orlando, FL 32801

RECEIVED
OCT 22 1998
4-069-0357A-ERP
PDS
ORLANDO
SJR WMD

RE: LEGENDS - INDIVIDUAL (FBA #961504.001), APPLICATION NUMBER #4-069-0357A-ERP

Dear Mr. Fang:

The following comments and enclosed calculations are in response to our phone conversation Monday, October 19, 1998, in regards to the above referenced project.


1. Please find the attached calculations for Pond #9 which show routing and ponds analysis of two 25 year-96 hour storm events. Storm 1 is routed with infiltration above the liner only at elevation 238 in which the peak stage is 238.65 and the stage at 14 days after the storm is 238.34. Since the pond does not naturally recover within 14 days, a second storm is analyzed with starting water elevation at 238.34 (stage at 14 days). The peak stage of the second storm is 238.86 which is still within the stormwater pond with 1.12 feet freeboard.

During a follow-up conversation with Karl Krichbaum and yourself Tuesday, October 20, 1998, you stated that you also needed response to questions 6, 7, & 8 of the request for additional information Legends Phase I Application Number 4-069-0357AM-ERP. Response to comments 6, 7, & 8 are as follows:

6. Pond #9 is a lined pond designed intentionally to hold water. Even though the pond bottom is 228 and the seasonal high ground water table is estimated at 236, the liner of the pond is designed to elevation 238 therefore, there are no effects of ground water into or out of the pond.
7. For design and calculations see item #1 above. Design was considered for 2 storms since recovery is not achieved within 14 days. Estimated ground water at pond #9 is 236 which is used in calculations enclosed.
8. A Consumptive Use Permit has been obtained for this project which includes using Pond #9 and the collected stormwater for irrigation. The pond as shown is consistent with the permit. Copy of permit attached for your use. When reclaimed water is available from the City of Clermont, the pond as designed will not need to be modified as it meets the requirements of the City of Clermont, SJRWMD Consumptive Use Permit and FDEP guidelines for reuse systems.

Should you have any questions, please feel free to contact our office.

Sincerely,
FARNER BARLEY & ASSOCIATES, INC.


Duane K. Booth, P.E.

DKB:am

C:\WP60\KINGSRID\LEGENDS\GOLF.CRS\STJOHNS\INDIV.SUB\RESPONSE.RAI

I. Job Information

Job Name: POND9
Engineer: KK
Date: 10/20/98

POND # 9 STORM 1

II. Input Data

Equivalent Pond Length, [L] (ft): 410.00
Equivalent Pond Width, [W] (ft): 380.00

Base Of Aquifer Elevation, [B] (ft above datum): 236.00
Water Table Elevation, [WT] (ft above datum): 236.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 19.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 9.50
Maximum area for unsaturated infiltration, (sq ft): 141775

Groundwater mound intersects pond bottom?: Yes

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4-069-035A-ERP
PDS
ORLANDO
SJR WMD

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OCT 21 1998
SOUTH
FLORIDA
STATE
DEPARTMENT
OF
NATURAL
RESOURCES
AND
ENVIRONMENT

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
238.000	89676.0
239.000	97419.0
240.000	141775.0

Written By Devo Seereeram, Ph.D., P.E.
 And Robert D. Casper

Licensed Solely For Use By:
 Farner, Barley & Associates, Inc.

VII. Results - Summary

Elapsed Time (hrs)	Inflow Rate (cfs)	Stage Elevation (ft datum)	Infiltration Rate (cfs)	Overflow Discharge Rate (cfs)	Flow Type
0.00	0.00000	236.10	0.000000	0.000000	N.A.
1.00	0.00000	236.10	0.000000	0.000000	U
2.00	0.00000	236.10	0.000000	0.000000	U
3.00	0.00000	236.10	0.000000	0.000000	U
4.00	0.00000	236.10	0.000000	0.000000	U
5.00	0.00000	236.10	0.000000	0.000000	U
6.00	0.00000	236.10	0.000000	0.000000	U
7.00	0.00000	236.10	0.000000	0.000000	U
8.00	0.00000	236.10	0.000000	0.000000	U
9.00	0.00000	236.10	0.000000	0.000000	U
10.00	0.00000	236.10	0.000000	0.000000	U
11.00	0.00000	236.10	0.000000	0.000000	U
12.00	0.00000	236.10	0.000000	0.000000	U
13.00	0.00000	236.10	0.000000	0.000000	U
14.00	0.00000	236.10	0.000000	0.000000	U
15.00	0.00000	236.10	0.000000	0.000000	U
16.00	0.00000	236.10	0.000000	0.000000	U
17.00	0.00000	236.10	0.000000	0.000000	U
18.00	0.00000	236.10	0.000000	0.000000	U
19.00	0.00000	236.10	0.000000	0.000000	U
20.00	0.00000	236.10	0.000000	0.000000	U
21.00	0.00000	236.10	0.000000	0.000000	U
22.00	0.00000	236.10	0.000000	0.000000	U
23.00	0.00000	236.10	0.000000	0.000000	U
24.00	0.00000	236.10	0.000000	0.000000	U
25.00	0.00000	236.10	0.000000	0.000000	U
26.00	0.00000	236.10	0.000000	0.000000	U
27.00	0.00000	236.10	0.000000	0.000000	U
28.00	0.00000	236.10	0.000000	0.000000	U
29.00	0.00000	236.10	0.000000	0.000000	U
30.00	0.00000	236.10	0.000000	0.000000	U
31.00	0.00000	236.10	0.000000	0.000000	U
32.00	0.00000	236.10	0.000000	0.000000	U

PONDS - Version 2.26
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Written By Devo Seereeram, Ph.D., P.E.
 And Robert D. Casper

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VII. Results - Summary

Elapsed Time (hrs)	Inflow Rate (cfs)	Stage Elevation (ft datum)	Infiltration Rate (cfs)	Overflow Discharge Rate (cfs)	Flow Type
33.00	0.00000	236.10	0.000000	0.000000	U
34.00	0.00000	236.10	0.001205	0.000000	U
35.00	0.00482	236.10	0.005962	0.000000	U
36.00	0.01421	236.10	0.014172	0.000000	U
37.00	0.02345	236.10	0.023382	0.000000	U
38.00	0.03242	236.10	0.032362	0.000000	U
39.00	0.04116	236.11	0.041240	0.000000	U
40.00	0.05022	236.11	0.050410	0.000000	U
41.00	0.06004	236.12	0.059730	0.000000	U
42.00	0.06862	236.12	0.068560	0.000000	U
43.00	0.07696	236.13	0.076662	0.000000	U
44.00	0.08411	236.13	0.083745	0.000000	U
45.00	0.08980	236.14	0.090172	0.000000	U
46.00	0.09698	236.15	0.096937	0.000000	U
47.00	0.10399	236.16	0.107190	0.000000	U
48.00	0.12380	236.17	0.127910	0.000000	U
49.00	0.16005	236.18	0.156493	0.000000	U
50.00	0.18207	236.19	0.185015	0.000000	U
51.00	0.21587	236.21	0.215782	0.000000	U
52.00	0.24932	236.23	0.255205	0.000000	U
53.00	0.30631	236.26	0.304350	0.000000	U
54.00	0.35546	236.28	0.364012	0.000000	U
55.00	0.43882	236.32	0.446567	0.000000	U
56.00	0.55317	236.36	0.578758	0.000000	U
57.00	0.76987	236.41	0.785058	0.000000	U
58.00	1.04732	236.49	1.230970	0.000000	U
59.00	2.05937	236.62	5.706776	0.000000	U
60.00	20.83158	238.06	9.887222	0.000000	U/P
61.00	3.44749	238.15	6.328944	0.000000	U/P
62.00	1.99899	238.15	1.514554	0.000000	U/S
63.00	1.43672	238.21	0.254460	0.000000	S
64.00	1.25387	238.25	0.207319	0.000000	S
65.00	0.88022	238.29	0.180956	0.000000	S

Written By Devo Seereeram, Ph.D., P.E.
 And Robert D. Casper

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VII. Results - Summary

Elapsed Time (hrs)	Inflow Rate (cfs)	Stage Elevation (ft datum)	Infiltration Rate (cfs)	Overflow Discharge Rate (cfs)	Flow Type
66.00	0.87989	238.31	0.164630	0.000000	S
67.00	0.88414	238.34	0.153815	0.000000	S
68.00	0.78763	238.37	0.145101	0.000000	S
69.00	0.59608	238.39	0.137371	0.000000	S
70.00	0.59525	238.41	0.131240	0.000000	S
71.00	0.59651	238.43	0.126373	0.000000	S
72.00	0.50235	238.44	0.121286	0.000000	S
73.00	0.31377	238.45	0.115975	0.000000	S
74.00	0.31189	238.46	0.111279	0.000000	S
75.00	0.31231	238.47	0.107650	0.000000	S
76.00	0.31359	238.48	0.104637	0.000000	S
77.00	0.31573	238.49	0.102037	0.000000	S
78.00	0.31618	238.49	0.099594	0.000000	S
79.00	0.31663	238.50	0.097491	0.000000	S
80.00	0.31619	238.51	0.095926	0.000000	S
81.00	0.31494	238.52	0.094139	0.000000	S
82.00	0.31533	238.53	0.092578	0.000000	S
83.00	0.31574	238.54	0.091235	0.000000	S
84.00	0.31615	238.55	0.089895	0.000000	S
85.00	0.31657	238.55	0.088951	0.000000	S
86.00	0.31697	238.56	0.087797	0.000000	S
87.00	0.31737	238.57	0.086848	0.000000	S
88.00	0.31862	238.58	0.086137	0.000000	S
89.00	0.32074	238.59	0.085246	0.000000	S
90.00	0.32116	238.60	0.084310	0.000000	S
91.00	0.32154	238.61	0.083506	0.000000	S
92.00	0.32105	238.62	0.083249	0.000000	S
93.00	0.31973	238.63	0.082978	0.000000	S
94.00	0.32008	238.63	0.082142	0.000000	S
95.00	0.32046	238.64	0.081287	0.000000	S
96.00	0.21385	238.65	0.080771	0.000000	S
432.00	0.00000	238.34	-----	-----	N.A.

ELEVATION
 AT 14 DAYS

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

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VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	20.83
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	177475

Stage

Peak Stage, (ft datum):	238.65
Time, (hrs):	96.00

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	9.8872
Time, (hrs):	60.00
Cumulative Infiltration Volume, (ft ³):	146656

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

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Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: POND9
Engineer: KK
Date: 10/20/98

II. Input Data

Equivalent Pond Length, [L] (ft): 410.00
Equivalent Pond Width, [W] (ft): 380.00

Base Of Aquifer Elevation, [B] (ft above datum): 236.00
Water Table Elevation, [WT] (ft above datum): 236.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 19.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 9.50
Maximum area for unsaturated infiltration, (sq ft): 141775

Groundwater mound intersects pond bottom?: Yes

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

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III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
238.340	92309.0
239.000	97419.0
240.000	141775.0

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

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Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	20.83
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	177475

Stage

Peak Stage, (ft datum):	238.86
Time, (hrs):	96.00

238.86 — FINAL PEAK STAGE

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	10.1712
Time, (hrs):	60.00
Cumulative Infiltration Volume, (ft ³):	128843

P

RESOURCE MANAGEMENT ROUTING SHEET

Application Number: 4-069-0357A-ERP

Date : 9/28/98

Date Received: 9/28/98

Appl. Received: 8/17/98

Date Issued: / /

Related Permit: _____

Mail Type: RAI RESPONSE

F.O.R.:

Project Name: LEGENDS

 * Name Job Title Office *

CHOU FANG	PROFESSIONAL ENGINEER	ORL
-----------	-----------------------	-----

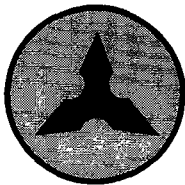
BARBARA PRYNOSKI	ENVIRONMENTAL SPECIALIST	ORL
------------------	--------------------------	-----

GENERAL COUNSEL:

Comments:

REC'D RAI RESPONSE LETTER, 5 SETS OF CALCS & PLANS.

Copied and Routed By: GC on 9/29/98
 MAIL ROUTED FROM: ORL PROCESSED BY: GC



FARNER BARLEY

AND ASSOCIATES, INC.

ENGINEERS ▲ SURVEYORS ▲ PLANNERS

VIA CERTIFIED MAIL

September 25, 1998

Chou Fang, Ph.D., P.E.
Department of Resource Management
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
618 E. South Street
Orlando, FL 32801

RE: LEGENDS - INDIVIDUAL (FBA #961504.001)

Dear Mr. Fang:

The following is in response to your letter dated September 14, 1998:

1. **The proposed project as shown in section A of the application, includes golf course, mass grading, and construction of a surfacewater treatment and attenuation system. However, the plans show roadways and lots. Please clarify what is proposed in this application. If the roadways and lots are not proposed, omit any indication of roadways and lots from the plans and submit revised plans. If the roadways and lots are included, submit detailed construction plans of roadways and lots. [40C-4.301(1)(a) and (b)]**

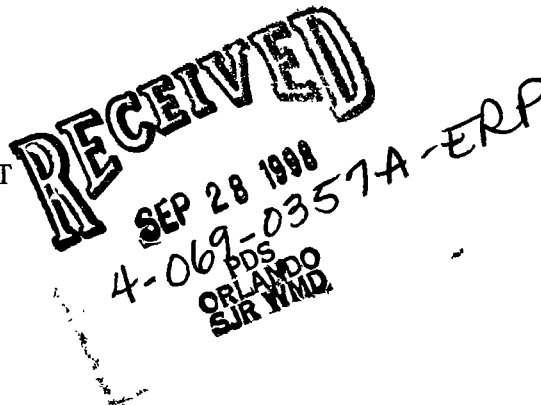
The lots and roadways were shown for conceptual purposes only. They were omitted from plans.

2. **If this application includes construction of lots, please submit the homeowners association documents for review. Please note that the project owner is not typically an acceptable operation and maintenance entity. Please submit draft Articles of Incorporation and Restrictive Deeds and Covenants, which establish the Association, enumerate its duties, affirmatively assign authority and responsibility for the operation or maintenance of the stormwater management system and provide a method for sufficient assessment to cover costs of maintaining and operating the permitted system. Include or incorporate the enclosed recommended language, or language with equivalent effect, for draft Articles of Incorporation and Restrictive Deeds and Covenants in the appropriate places. The documents will be reviewed by the District's staff and you will be notified if additional information is required. [40C-4.301(1)(j), 40C-42.027(2)(a)(b),1.,2.,3.,4.,5.,6.,7.,8., F.A.C.]**

The lots and roadways were omitted from plans.

3. **Please provide an Integrated Pesticide Management Plan. For information on how to prepare such a plan, please call Ms. Cammie Dewey at 407/897-4314. [40C-4.301(1)(e), F.A.C.]**

A Management Plan was submitted with the Consumptive Use Permit and approved. Copy enclosed for your use (found in rear of Stormwater Calculations).



- 4. Please revise off-site drainage basins to include the areas which drain to Basins B7 and B16 from the south of the proposed project site. Submit revised plan sheet 2 and drainage calculations as necessary. [40C-4.301(1)(a), (b), (c), and (e), F.A.C.]**

The existing subdivision "Vista's" lying adjacent to southern property line has been designed with type "B" lots butted against property. These lots were constructed with rear yard swales thereby intercepting all run-off on to the drainage basins in question.

- 5. In the Developed Basin Summary and Curve Number Calculation, the total drainage basin area of B22 is shown as 16.56 acres. However, in the CN curve number calculations, the total area is 14.35 acres. Please review the drainage area of basin B22 for consistency. Submit revised tables and calculations as applicable. [40C-4.301(1)(a) and (b), F.A.C.]**

Revised as noted.

- 6. Please provide stage-storage calculations for all the proposed retention ponds. Submit calculations. [40C-4.301(1)(a), (b), and (e), F.A.C.]**

Stage-Storage calculations were included under "ICPR Input Data". Revisions to applicable basins have been added.

- 7. On plan sheet 9, the top of the liner is at 238 feet but the normal water elevation in Pond 9 is 236 feet. Please demonstrate determination of the normal water elevation in Pond 9. [40C-4.301(1)(a), (b), and (e), F.A.C.]**

Pond 9 is used for irrigation as previously discussed in pre-application meeting. Water in excess of elevation 236 shall be distributed throughout site via irrigation pump station. When pond elevation drops below 236, an on-site well or future re-use from City shall augment Pond 9 up to elevation 236; therefore, a normal water level of 236 shall be maintained.

- 8. Most of the side slopes of the ponds shown in the table on plan sheet 9 are not in conformance with 40C-42.025(3)(a), F.A.C. which requires that normally dry ponds designed to impound more than two feet of water or permanently wet ponds shall be fenced or otherwise restricted from public access, or shall contain side slopes that are no steeper than 4:1 (horizontal:vertical) out to depth of two feet below the control elevation. Please revise the side slopes. Submit revised plans and calculations as necessary. [40C.42.025(3)(a), F.A.C.]**

Revised all ponds to 4:1 maximum slope.

- 9. The ICPR Node Max Conditions table shows the max stage of Node 15 is 198.07. However, the time series shows the stage is 198.19 at 96.064 hour when the stage is still rising. Similar situations are found on Nodes 20, 24, 3, 6, 7, 8, and 9. Please check the calculations for accuracy on the peak stage. Submit revised peak stage calculations. [40C-4.301(1)(a) and (b), F.A.C.]**

See revised calculations.

10. **Please submit recovery calculations for Ponds 2C and 9 where liners are proposed to retain stormwater for irrigation use. The recovery shall be calculated for pollution abatement volume and the total runoff volume for the 25-year/96-hour storm events. [40C-4.301(1)(a), (b), and (e), F.A.C.]**

Recovery calculations for Pond 2C are provided in calculations. Pond 9 is used for irrigation. Recovery of Pond 9 shall be facilitated by irrigating golf course, lots and common area via irrigation pump station.

11. **Please demonstrate that the sink holes on the proposed project site do not have a direct connection to the Floridan Aquifer. Be aware that if the sink holes have connection to the aquifer, the runoff shall receive water quality treatment in the uplands prior to discharge to the sink holes. [40C-4.301(1)(e), F.A.C.]**

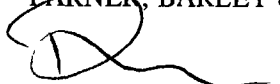
From the Geotechnical Report titled "Lake Louisa Club" dated November 22, 1996, several deep borings were performed to investigate the potential for sinkhole activity and connection to the aquifer. In the evaluation section, the report states limestone was not found within any of the borings to 150 feet deep, the sand within the borings had relatively high SPT values, and the presence of low permeable soils (sand clay & clay) indicate the presence of a semi-eroded Hawthorn Formation above the limestone, that will provide confinement between the water table aquifer and the underlying limestone aquifer. This report was submitted with original application.

12. **Please check the total basin area for Basins 3 and 7. The areas shown in the runoff worksheet are inconsistent with those used in the water quality treatment volume calculations. Submit revised tables, calculations, and plans as necessary. [40C-4.301(1)(a), (b), and (e), F.A.C.]**

Revised calculations.

Should you have any questions, please feel free to contact our office.

Sincerely,
EARNER, BARLEY & ASSOCIATES, INC.


Duane K. Booth, P.E.

DKB:am

C:\WP60\KINGSRID\LEGENDS\GOLF.CRS\STJOHNS\INDIV.SUB\RAI1.LTR

RESOURCE MANAGEMENT ROUTING SHEET

Application Number: 4-069-0357A-ERP

Date : 9/16/98

Date Received: 9/14/98

Appl. Received: 8/17/98

Date Issued: / /

Related Permit: _____

Mail Type: RAI LETTER

F.O.R.:

Project Name: LEGENDS

 * Name Job Title Office *

CHOU FANG PROFESSIONAL ENGINEER ORL

BARBARA PRYNOSKI ENVIRONMENTAL SPECIALIST ORL

GENERAL COUNSEL:

Comments:

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 MAIL ROUTED FROM: ORL PROCESSED BY: CD

4-069-0357A-ERP

C. Fang

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you
- Attach this form to the front of the mailpiece, or on the back if space does not permit
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

Legends P

I also wish to receive the following services (for an extra fee):

- 1. Addressee's Address
- 2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Mr. Duane K. Booth, P.E.
Farmer, Barley & Associates, Inc.
350 N. Sinclair
Tavares, FL 32778

ENTER HERE

4a. Article Number

Z 597 593 913

4b. Service Type

- Registered Certified
- Express Mail Insured
- Return Receipt for Merchandise COD

7. Date of Delivery

9-15-98

5. Received By: (Print Name)

C. de las

6. Signature: (Addressee or Agent)

C. de las

8. Addressee's Address (Only if requested and fee is paid)

Thank you for using Return Receipt Service.

PS Form 3811, December 1994

102595-98-B-0229

Domestic Return Receipt

Z 597 593 913

US Postal Service

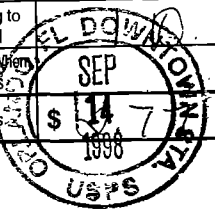
Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

4-069-0357A-ERP
Form 3800, April 1995

Sent to	Mr. Duane K. Booth, P.E.
Street & Number	350 N. Sinclair Ave.
Post Office, State, & ZIP Code	Tavares, FL 32778
Postage	\$.32
Certified Fee	1.35
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 1.67
Postmark or Date	SEP 14 1998



3. Please provide an Integrated Pesticide Management Plan. For information on how to prepare such a plan, please call Ms. Cammie Dewey at 407/897-4314. [40C-4.301(1)(e), F.A.C.]
4. Please revise off-site drainage basins to include the areas which drain to Basins B7 and B16 from the south of the proposed project site. Submit revised plan sheet 2 and drainage calculations as necessary. [40C-4.301(1)(a), (b), (c), and (e), F.A.C.]
5. In the Developed Basin Summary and Curve Number Calculation, the total drainage basin area of B22 is shown as 16.56 acres. However, in the CN curve number calculations, the total area is 14.35 acres. Please review the drainage area of basin B22 for consistency. Submit revised tables and calculations as applicable. [40C-4.301(1)(a) and (b), F.A.C.]
6. Please provide stage-storage calculations for all the proposed retention ponds. Submit calculations. [40C-4.301(1)(a), (b), and (e), F.A.C.]
7. On plan sheet 9, the top of the liner is at 238 feet but the normal water elevation in Pond 9 is 236 feet. Please demonstrate determination of the normal water elevation in Pond 9. [40C-4.301(1)(a), (b), and (e), F.A.C.]
8. Most of the side slopes of the ponds shown in the table on plan sheet 9 are not in conformance with 40C-42.025(3)(a), F.A.C which requires that normally dry ponds designed to impound more than two feet of water or permanently wet ponds shall be fenced or otherwise restricted from public access, or shall contain side slopes that are no steeper than 4:1 (horizontal:vertical) out to depth of two feet below the control elevation. Please revise the side slopes. Submit revised plans and calculations as necessary. [40C-42.025(3)(a), F.A.C.]
9. The ICPR Node Max Conditions table shows the max stage of Node 15 is 198.07. However, the time series shows the stage is 198.19 at 96.064 hour when the stage is still rising. Similar situations are found on Nodes 20, 24, 3, 6, 7, 8, and 9. Please check the calculations for accuracy on the peak stage. Submit revised peak stage calculations. [40C-4.301(1)(a) and (b), F.A.C.]
10. Please submit recovery calculations for Ponds 2C and 9 where liners are proposed to retain stormwater for irrigation use. The recovery shall be calculated for pollution abatement volume and the total runoff volume for the 25-year/96-hour storm events. [40C-4.301(1)(a), (b), and (e), F.A.C.]
11. Please demonstrate that the sink holes on the proposed project site do not have a direct connection to the Floridan Aquifer. Be aware that if the sink holes have connection to the aquifer, the runoff shall receive water quality treatment in the uplands prior to discharge to the sink holes. [40C-4.301(1)(e), F.A.C.]
12. Please check the total basin area for Basins 3 and 7. The areas shown in the runoff worksheet are inconsistent with those used in the water quality treatment volume calculations. Submit revised tables, calculations, and plans as necessary. [40C-4.301(1)(a), (b), and (e), F.A.C.]



Henry Dean, Executive Director
John R. Wehle, Assistant Executive Director

POST OFFICE BOX 1429 PALATKA, FLORIDA 32178-1429
TELEPHONE 904-329-4500 SUNCOM 904-860-4500
TDD 904-329-4450 TDD SUNCOM 860-4450
FAX (Executive) 329-4125 (Legal) 329-4485 (Permitting) 329-4315 (Administration/Finance) 329-4508
(Planning and Acquisition) 329-4848

September 14, 1998

CERTIFIED NO. Z 597 593 931

Mr. Duane K. Booth, P.E.
Farner, Barley & Associates, Inc.
350 North Sinclair Avenue
Tavares, FL 32778



Re: Legends, Application Number 4-069-0357A-ERP
(Please reference the above number on any submittal)

Dear Mr. Booth:

The St. Johns River Water Management District is in receipt of your Individual Environmental Resource Permit application. Upon preliminary review of the proposed project, the following technical information is required to sufficiently review the possible impacts the project may have on the surrounding area. This information is being requested pursuant to the authority vested in the St. Johns River Water Management District under subsection 373.413(2), Florida Statutes, and sections 40C-4.101 and 40C-4.301, Florida Administrative Code.

In order to expedite the review of your application, please use the application number referenced above on all correspondence, and submit five (5) copies of all requested information unless otherwise indicated by a specific information request.

- The proposed project as shown in section A of the application, includes golf course, mass grading, and construction of a surfacewater treatment and attenuation system. However, the plans show roadways and lots. Please clarify what is proposed in this application. If the roadways and lots are not proposed, omit any indication of roadways and lots from the plans and submit revised plans. If the roadways and lots are included, submit detailed construction plans of roadways and lots. [40C-4.301(1)(a) and (b)]
- If this application includes construction of lots, please submit the homeowners association documents for review. Please note that the project owner is not typically an acceptable operation and maintenance entity. Please submit draft Articles of Incorporation and Restrictive Deeds and Covenants, which establish the Association, enumerate its duties, affirmatively assign authority and responsibility for the operation or maintenance of the stormwater management system and provide a method for sufficient assessment to cover costs of maintaining and operating the permitted system. Include or incorporate the enclosed recommended language, or language with equivalent effect, for draft Articles of Incorporation and Restrictive Deeds and Covenants in the appropriate places. The documents will be reviewed by the District's staff and you will be notified if additional information is required. [40C-4.301(1)(j), 40C-42.027(2)(a)(b), 1., 2., 3., 4., 5., 6., 7., 8., F.A.C.]

Dan Roach, CHAIRMAN FERNANDINA BEACH	Kathy Chinoy, VICE CHAIRMAN PONTE VEDRA	James T. Swann, TREASURER COCOA	Otis Mason, SECRETARY ST. AUGUSTINE
William M. Segal MAITLAND	Griffin A. Greene VERO BEACH	James H. Williams OCALA	Patricia T. Harden SANFORD
			Reid Hughes DAYTONA BEACH

Mr. Duane K. Booth, P.E.

September 14, 1998

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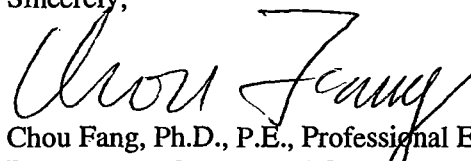
If the applicant wishes to dispute the necessity for any information requested on an application form or in a letter requesting additional information, he or she may pursuant to section 373.4141, Florida Statutes, request that District staff process the application without the requested information. If the applicant is then unsatisfied with the District's decision regarding issuance or denial of the application, the applicant may request a section 120.569, Florida Statutes, hearing pursuant to Chapter 28-106 and section 40C-1.1007, F.A.C.

Please be advised, pursuant to subsection 40C-1.1008, F.A.C., the applicant shall have 90 days from receipt of a request for additional information regarding a permit or license application undergoing review by the District to submit that information to the District. If an applicant requires more than 90 days in which to complete an application, the applicant may notify the District in writing of the circumstances and for good cause shown, the application shall be held in active status for additional periods commensurate with the good cause shown. Any application which has not been completed by the applicant within the given time period following a request for additional information by the District shall be recommended for denial at the next regularly scheduled Board meeting. Denial of an application due to failure to submit requested additional information shall be a denial without prejudice to the applicant's right to file a new application.

In addition, no construction shall begin on the proposed project until a permit is issued by the St. Johns River Water Management District. This is pursuant to subsection 40C-4.041(1), F.A.C., which states in relevant part, "unless expressly exempt an individual or general environmental resource permit must be obtained from the District under Chapter 40C-4, 40C-40, 40C-42, 40C-44, or 40C-400, F.A.C. prior to the construction, alteration, operation, maintenance, removal or abandonment of any dam, impoundment, reservoir, appurtenant work or works...."

If you have any questions, please do not hesitate to call me at 407/897-4332.

Sincerely,



Chou Fang, Ph.D., P.E., Professional Engineer
Department of Resource Management

CF:mb

cc: PDS/RAIL, Joan B. Budzynski, Elizabeth Thomas, Cammie Dewey

Mr. Keene M. Gerber
13100 W. Colonial Drive
Winter Garden, FL 34787