



Project Correspondence


1724

Rick Ottesen

03/06/2001 05:04 PM

To: Quenteria Johnson/SJRWMD@SJRWMD

cc:

Subject: Re: Application Information for Turnaround Table 

4-069-19339-4 Greater Pines, Ph 8-10 Rick Ottesen/Barbara Prynosi

APPLICATION INFORMATION FOR TURN-AROUND TABLES

Date 1st RAI sent: August 21, 2000
Date 2nd RAI sent: December 04, 2000
Date 3rd RAI sent: _____

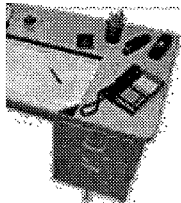
Date 1st Resp. received: November 13, 2000
Date 2nd Resp. received: January 25, 2001
Date 3rd Resp. received:

Date 4th RAI sent: _____

Date 4th Resp. received:

Date Application complete: January 25, 2001 (same as final resp received).

Quenteria Johnson



Quenteria Johnson

03/06/2001 02:46 PM

To: Sandy Smith/SJRWMD@SJRWMD, Jeff Reindl/SJRWMD@SJRWMD, Kenneth Lewis/SJRWMD@SJRWMD, Rick Ottesen/SJRWMD@SJRWMD, Barbara Prynosi/SJRWMD@SJRWMD, Victoria Nations/SJRWMD@SJRWMD, Lee Kissick/SJRWMD@SJRWMD, Scott Bray/SJRWMD@SJRWMD, Marjorie Cook/SJRWMD@SJRWMD

cc:

Subject: Application Information for Turnaround Table

The Turnaround Table Tracking Sheets were missing from your TSR folders for these projects going to March board.

Please provide me with the dates for these projects. You could either e-mail, call or fax. I need this info so that I can process the turnaround table for the March Regulatory Board Folder.

Thanks.

- | | |
|--------------------------------------|--------------------------------|
| 4-031-66861-2 Old Mill Branch | Sandy Smith/Jeff Reindl |
| 4-069-19339-4 Greater Pines, Ph 8-10 | Rick Ottesen/Barbara Prynosi |
| 4-069-68272-3 High School AAA | Kenneth Lewis/Victoria Nations |
| 4-127-22697-17 Debarry Golf & CC | Lee Kissick/Marjorie Cook |
| 4-127-22729-9 Whiskey | Lee Kissick/Scott Bray |
| 4-127-22729-10 PaPa & Tango | Lee Kissick/Scott Bray |

APPLICATION INFORMATION FOR TURN-AROUND TABLES

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: _____

(same as final resp received).



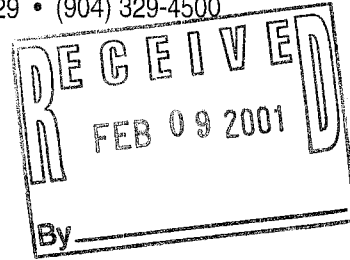
St. Johns River Water Management District

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

Post Office Box 1429 • Palatka, FL 32178-1429 • (904) 329-4500

February 8, 2001

Jim Stivender
Director Public Works
Department of Public Works
P.O. Box 7800
Tavares, Florida 32778-7800



19339-4

Re: Greater Pines—Special Assessments; 4-069-0276AM3-ERP

Dear Mr. Stivender:

Thank you for your letter of December 18,2000, regarding the above-referenced project. Please allow this letter to serve as a response to it and to memorialize our recent conversation regarding a proposed resolution to impose a special assessment for phases 8-10 of the Greater Pines Subdivision that will be submitted to the Lake County Board of County Commissioners. As we discussed, the District respectfully requests that certain language be incorporated into the resolution that would help to satisfy our rule criteria regarding the operation and maintenance of a system. That language is set forth below.

“The levy of a non-ad valorem assessment for the maintenance, operation and repair of the surface water and/or stormwater management system within the Greater Pines Subdivision, including, but not limited to, mowing, erosion repair, and other practices which allow the system(s) to provide drainage, water storage, conveyance or other surface water and/or stormwater management capabilities as permitted by the St. Johns River Water Management District.”

Also, would you please let me know approximately when this resolution will be brought before the Board.

Thank you very much for your assistance with this matter. Please call me at (904) 329-4390 should you have any questions.

Sincerely,

Kris H. Davis
Assistant General Counsel
Office of General Counsel

KHD/kp

cc: David Dewey, Joan Budzynski, Rick Ottesen, William Carlie, PDS Pal/Orl

David E. Mahler, CPH Engineers, Inc., 1117 East Robinson Street, Orlando, Florida 32801

GOVERNING BOARD

William Kerr, CHAIRMAN MELBOURNE BEACH	Ometrias D. Long, VICE CHAIRMAN APOPKA	Jeff K. Jennings, SECRETARY MAITLAND	Duane Ottenstroer, TREASURER JACKSONVILLE
Dan Roach FERNANDINA BEACH	William M. Segal MAITLAND	Otis Mason ST. AUGUSTINE	Clay Albright EAST LAKE WEIR
			Reid Hughes DAYTONA BEACH

RESOURCE MANAGEMENT ROUTING SHEET

Permit#: 4-069-19339.4

Report Date: Feb 14, 2001

Date Mail Received: Feb 09, 2001

Appl. Received: Jul 26, 2000

Date Permit Issued:

Mail Type: Pending Application Correspondence

Project Name: Greater Pines, Phases 8-10

Name	Job Title	Office
Rickie A Ottesen	Engineer III	Orlando
Barbara N Prynosi	Regulatory Scientist II	Orlando

GENERAL COUNCIL:

Copied and Routed By: YCH on 2-14-1

Routed from: Orlando



February 9, 2001

Mr. Rick Ottesen
St. Johns River Water Management District
Department of Resource Management
618 E. South Street, Suite 200
Orlando, Florida 32801

CPH Engineers, Inc.
1117 E. Robinson St., Suite C
Orlando, FL 32801
Phone: (407) 425-0452
Fax: (407) 648-1036
www.cphengineers.com

RE: Greater Pines, Phases 8 - 10
App. No. 4-069-19339-4
CPH Project No. G6765.08


Dear Mr. Ottesen:

As per your request, please find the additional copies of the stormwater analysis depicting the 10-year 24-hour storm event summaries that include the rerouted offsite flow from basin 8 to soakage swale 5. We have also included the post development summary reports for the other modeled storm events as well. As is required, all storm events, including the 10-year 24-hour event, in the post development conditions are less than the predevelopment conditions.

If you need further data or information, please call us.

Sincerely,

CPH ENGINEERS/INC.


David E. Mahler, P.E. 5604
Project Manager

Enclosures:
(3 sets of ICPR Basin Summary Reports)

Cc: Mr. Charles W. Gregg, P.E., Greater Construction Corporation

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FEB 09 2001
19339-4
PDS
ORLANDO
SJR WMD

GREATER PINES PHASES 8-10
 PRE DEV CONDITION 02/08/01
 03/01/00

***** Node Maximum Conditions - 1024PRE *****

(Time units - hours)

Node Name	Group Name	Max Time Conditions	Max Stage (ft)	Warning Stage (ft)	Max Delta Stage (ft)	Max Surface Area (sf)	Max Time Inflow	Max Inflow (cfs)	Max Time Outflow	Max Outflow (cfs)
LOSTLAKE	BASE	24.00	85.35	92.00	0.0035	942175.00	12.25	287.94	0.00	0.00
OFFEAST	BASE	0.00	136.00	137.00	0.0000	0.00	0.00	0.00	0.00	0.00
POND-1A	BASE	24.00	136.50	138.00	0.0075	64875.78	12.25	17.25	13.32	5.15
POND-1B	BASE	24.00	136.50	138.00	0.0095	242582.63	12.25	111.01	0.00	0.00
POND-J	BASE	13.29	142.54	144.00	0.0100	22931.15	12.25	17.47	13.29	6.18
POND-K	BASE	15.58	168.26	168.00	0.0072	14508.50	12.25	7.36	15.58	2.81
POND2PRE	BASE	24.00	114.78	120.00	0.0087	66808.28	12.25	41.47	0.00	0.00
POND3PRE	BASE	24.00	96.22	105.00	0.0021	53024.12	12.25	10.98	0.00	0.00
POND4PRE	BASE	24.00	91.56	95.00	0.0100	127726.94	12.25	102.25	0.00	0.00

RECEIVED

FEB 09 2001
 19339-4

PDS
 ORLANDO
 SJR WMD

[Handwritten Signature]
 2/9/01
 5:00 PM

GREATER PINES PHASES 8-10
 POST DEV CONDITION
 02/08/01

***** Node Maximum Conditions - 1024PST *****

(Time units - hours)													
Node Name	Group Name	Max Time Conditions	Max Stage (ft)	Warning Stage (ft)	Max Delta Stage (ft)	Max Surface Area (sf)	Max Time Inflow	Max Inflow (cfs)	Max Time Outflow	Max Outflow (cfs)			
LOSTLAKE	BASE	24.00	84.93	92.00	0.0017	892583.49	12.25	184.30	0.00	0.00			
OFFEAST	BASE	0.00	136.00	137.00	0.0000	0.00	0.00	0.00	0.00	0.00			
POND-1A	BASE	24.00	136.50	138.00	0.0075	64873.73	12.25	17.26	13.32	5.15			
POND-1B	BASE	24.00	136.50	138.00	0.0053	242579.73	12.25	111.11	0.00	0.00			
POND-5	BASE	18.32	91.03	92.00	0.0049	37565.21	12.25	19.62	18.32	0.77			
POND-6	BASE	15.29	91.21	92.00	0.0064	205384.26	12.25	143.25	15.29	17.27			
POND-7	BASE	13.29	142.54	144.00	0.0073	22931.18	12.25	17.48	13.29	6.18			
POND-K	BASE	15.58	168.26	168.00	0.0072	14508.52	12.25	7.36	15.58	2.81			
POND2PST	BASE	24.00	112.18	120.00	0.0031	53220.36	12.25	17.79	0.00	0.00			
POND3PST	BASE	24.00	96.17	105.00	0.0016	52859.20	12.25	10.36	0.00	0.00			
POND4PST	BASE	24.00	91.62	95.00	0.0076	128026.65	12.25	103.55	0.00	0.00			
SOAK-5	BASE	12.27	87.28	87.00	0.0100	9325.49	12.25	45.22	12.27	44.85			

D. E. Hall
 2/9/01
 58041

GREATER PINES PHASES 8-10
 POST DEV CONDITION
 02/08/01

***** Node Maximum Conditions - 2524PST *****

(Time units - hours)													
Node Name	Group Name	Max Time Conditions	Max Stage (ft)	Warning Stage (ft)	Max Delta Stage (ft)	Max Surface Area (sf)	Max Time Inflow	Max Inflow (cfs)	Max Time Outflow	Max Outflow (cfs)			
LOSTLAKE	BASE	24.00	85.69	92.00	0.0031	923147.14	12.25	242.67	0.00	0.00			
OFFEAST	BASE	0.00	136.00	137.00	0.0000	0.00	0.00	0.00	0.00	0.00			
POND-1A	BASE	20.13	137.06	138.00	0.0088	70944.96	12.71	28.89	12.80	10.31			
POND-1B	BASE	20.13	137.06	138.00	0.0048	251523.17	12.25	135.05	20.13	8.90			
POND-5	BASE	14.58	91.06	92.00	0.0050	37692.04	12.25	25.61	14.58	2.57			
POND-6	BASE	13.56	91.37	92.00	0.0068	207492.12	12.25	197.47	13.56	39.81			
POND-J	BASE	12.72	142.58	144.00	0.0072	22813.23	12.25	24.53	12.72	14.39			
POND-K	BASE	14.04	168.39	168.00	0.0074	13492.22	12.25	11.50	14.04	6.30			
POND2PST	BASE	24.00	115.05	120.00	0.0051	68190.22	12.25	24.72	0.00	0.00			
POND3PST	BASE	24.00	96.55	105.00	0.0018	54042.28	12.25	14.70	0.00	0.00			
POND4PST	BASE	24.00	92.98	95.00	0.0079	135828.66	12.25	138.96	0.00	0.00			
SOAK-5	BASE	12.26	87.36	87.00	0.0100	9502.37	12.25	66.07	12.26	65.58			

D. S. Hall
 2/9/01
 SDR/r

GREATER PINES PHASES 8-10
 POST DEV CONDITION
 02/08/01

***** Node Maximum Conditions - 2596PST *****

(Time units - hours)

Node Name	Group Name	Max Time Conditions	Max Stage (ft)	Warning Stage (ft)	Max Delta Stage (ft)	Max Surface Area (sf)	Max Time Inflow	Max Inflow (cfs)	Max Time Outflow	Max Outflow (cfs)
LOSTLAKE	BASE	96.00	88.88	92.00	0.0051	1222391.22	60.13	454.12	0.00	0.00
OFFEAST	BASE	0.00	136.00	137.00	0.0000	0.00	0.00	0.00	0.00	0.00
POND-1A	BASE	61.23	137.22	138.00	0.0099	73132.99	60.00	77.39	60.45	33.60
POND-1B	BASE	61.24	137.20	138.00	0.0055	255333.66	60.00	233.83	61.24	59.75
POND-5	BASE	60.19	91.24	92.00	0.0063	38409.38	60.00	38.54	60.19	21.40
POND-6	BASE	60.31	91.97	92.00	0.0083	215713.21	60.00	323.43	60.31	173.16
POND-J	BASE	60.42	142.67	144.00	0.0087	22508.99	60.40	44.28	60.42	44.18
POND-K	BASE	60.48	168.70	168.00	0.0097	11063.46	60.00	24.66	60.48	20.25
POND2PST	BASE	64.35	118.89	120.00	0.0100	88299.54	61.22	64.22	64.35	22.12
POND3PST	BASE	73.58	104.21	105.00	0.0096	77928.07	60.00	25.48	73.58	7.03
POND4PST	BASE	62.47	93.68	95.00	0.0100	139824.94	60.00	220.46	62.47	13.27
SOAK-5	BASE	95.92	88.88	87.00	0.0100	12811.54	60.13	125.56	60.14	125.47

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 2/8/01
 50821

Copyright 1995, Streamline Technologies, Inc.
 GREATER PINES PHASES 8-10
 POST DEV CONDITION
 02/08/01

***** Node Maximum Conditions - 10096PST *****

(Time units - hours)

Node Name	Group Name	Max Time Conditions	Max Stage (ft)	Warning Stage (ft)	Max Delta Stage (ft)	Max Surface Area (sf)	Max Time Inflow	Max Inflow (cfs)	Max Time Outflow	Max Outflow (cfs)
LOSTLAKE	BASE	96.00	91.93	92.00	0.0040	1361773.38	60.02	875.48	0.00	0.00
OFFEAST	BASE	0.00	136.00	137.00	0.0000	0.00	0.00	0.00	0.00	0.00
POND-1A	BASE	61.22	138.42	138.00	0.0065	89965.12	60.02	148.52	60.25	68.82
POND-1B	BASE	61.22	138.41	138.00	0.0062	286888.29	60.00	358.59	61.22	132.31
POND-5	BASE	96.00	91.93	92.00	0.0060	41098.45	60.00	54.70	60.03	50.38
POND-6	BASE	60.15	92.57	92.00	0.0086	223797.68	60.00	472.09	60.15	355.18
POND-J	BASE	60.04	142.78	144.00	0.0086	22105.32	60.02	98.14	60.04	97.81
POND-K	BASE	60.07	168.96	168.00	0.0076	9034.20	60.00	39.31	60.07	37.99
POND2PST	BASE	62.24	119.67	120.00	0.0089	92338.77	60.48	150.26	62.24	113.18
POND3PST	BASE	63.22	105.25	105.00	0.0100	84103.06	62.17	115.61	63.22	105.40
POND4PST	BASE	60.45	94.01	95.00	0.0100	141681.66	60.00	319.93	63.29	114.74
SOAK-5	BASE	95.94	91.93	87.00	0.0100	19450.42	60.00	226.05	60.01	225.22

D. E. Kelly
 2/9/01
 SPW

GREATER PINES PHASES 8-10
 POST DEV CONDITION
 02/08/01

***** Node Maximum Conditions - 10024PST *****

(Time units - hours)

Node Name	Group Name	Max Time Conditions	Max Stage (ft)	Warning Stage (ft)	Max Delta Stage (ft)	Max Surface Area (sf)	Max Time Inflow	Max Inflow (cfs)	Max Time Outflow	Max Outflow (cfs)
LOSTLAKE	BASE	24.00	87.22	92.00	0.0044	1022075.93	12.25	347.36	0.00	0.00
OFFEAST	BASE	0.00	136.00	137.00	0.0000	0.00	0.00	0.00	0.00	0.00
POND-1A	BASE	14.62	137.17	138.00	0.0100	72489.23	12.38	61.41	13.07	24.57
POND-1B	BASE	14.63	137.16	138.00	0.0068	254250.37	12.21	158.43	14.63	42.40
POND-5	BASE	12.77	91.14	92.00	0.0066	38029.23	12.25	36.31	12.77	9.92
POND-6	BASE	12.83	91.74	92.00	0.0085	212497.05	12.25	295.65	12.83	113.73
POND-J	BASE	12.39	142.63	144.00	0.0090	22618.13	12.25	37.81	12.39	32.28
POND-K	BASE	13.12	168.60	168.00	0.0097	11876.09	12.25	19.87	13.12	14.70
POND2PST	BASE	18.24	118.85	120.00	0.0100	88099.99	14.60	46.39	18.24	18.97
POND3PST	BASE	24.00	102.46	105.00	0.0100	72488.83	12.25	22.72	0.00	0.00
POND4PST	BASE	16.40	93.68	95.00	0.0100	139854.33	12.25	203.49	16.40	14.65
SOAK-5	BASE	12.26	87.49	87.00	0.0100	9784.80	12.25	104.38	12.26	103.71

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 2/9/01
 52041

GREATER PINES PHASES 8-10
 POST DEV CONDITION
 02/08/01

***** Basin Summary - 1024PST *****

Time of Conc. (min):	22.60	20.90	16.10	21.30	16.10
Lag Time (hr):	0.00	0.00	0.00	0.00	0.00
Area (acres):	16.21	22.56	8.50	28.38	3.77
Curve Number:	48.00	48.00	48.00	48.00	48.00
DCIA (%):	0.00	0.00	0.00	0.00	0.00
Time Max (hrs):	12.23	12.23	12.23	12.23	12.23
Flow Max (cfs):	15.49	22.55	9.73	28.07	4.32
Runoff Volume (in):	1.76	1.76	1.76	1.76	1.76
Runoff Volume (cf):	103530	144086	54288	181257	24078

Basin Name:	OFF6POST	OFF7POST	OFF8POST	POND2PST	POND3PST
Group Name:	BASE	BASE	BASE	BASE	BASE
Node Name:	LOSTLAKE	LOSTLAKE	SOAK-5	POND2PST	POND3PST
Hydrograph Type:	SB	SB	SB	SB	SB

Spec Time Inc (min):	1.00	1.00	1.00	1.00	1.00
Comp Time Inc (min):	1.00	1.00	1.00	1.00	1.00
Rainfall File:	SCSI III	SCSI III	SCSI III	SCSI III	SCSI III
Rainfall Amount (in):	7.50	7.50	7.50	7.50	7.50
Storm Duration (hr):	24.00	24.00	24.00	24.00	24.00
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	23.10	15.40	40.80	10.00	10.00
Lag Time (hr):	0.00	0.00	0.00	0.00	0.00
Area (acres):	40.71	6.74	68.38	5.44	4.64
Curve Number:	48.00	48.00	48.00	39.00	40.00
DCIA (%):	0.00	0.00	0.00	0.00	0.00

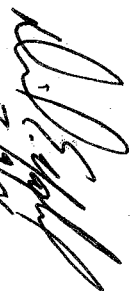
Time Max (hrs):	12.23	12.23	12.25	12.23	12.23
Flow Max (cfs):	38.40	7.88	44.09	3.30	3.20
Runoff Volume (in):	1.76	1.76	1.76	0.96	1.04
Runoff Volume (cf):	260005	43047	436727	18859	17491

Basin Name:	POND4PST	131	132	133	134
Group Name:	BASE	BASE	BASE	BASE	BASE
Node Name:	POND4PST	POND-1B	POND-1B	POND-1B	POND-1B
Hydrograph Type:	SB	SB	SB	SB	SB

Spec Time Inc (min):	1.00	1.00	1.00	1.00	1.00
Comp Time Inc (min):	1.00	1.00	1.00	1.00	1.00
Rainfall File:	SCSI III	SCSI III	SCSI III	SCSI III	SCSI III

Handwritten notes:
 10/25/01
 2/9/01
 [Signature]

Rainfall Amount (in):	7.50	7.50	7.50	7.50	7.50
Storm Duration (hr):	24.00	24.00	24.00	24.00	24.00
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	10.00	24.70	20.30	18.90	24.10
Lag Time (hr):	0.00	0.00	0.00	0.00	0.00

17005
2/1/2




Kris Davis

02/05/2001 12:03 PM

To: Rick Ottesen/SJRWMD@SJRWMD

cc:

Subject: Greater Pines

Rick, I would suggest a permit condition to the effect:

In the event that Lake County is unable or unwilling to pass a resolution for special assessments to be used for the operation and maintenance of the surface water and/or stormwater management system for phases 8-10 of the development, then the permittee shall be required to form a non-voluntary homeowner's association to serve as the operation and maintenance entity for phases 8-10 and shall submit draft Articles of Incorporation and Declaration of Covenants and Restrictions to the District for approval .

Pls feel free to suggest changes.



Kris Davis

01/29/2001 11:45 AM

To: Rick Ottesen/SJRWMD@SJRWMD

cc:

Subject: Greater Pines

I spoke with Jim Stivender , Director of Lake County Public Works today. I explained to him that the letter he sent us (1) did not give a time frame for when the assessments will go before their Board and (2) did not mention phases 6 and 7 for which special assessments have never been made. He is checking out those issues and will get back to me shortly. I also called and spoke with David Mahler and gave him this info. Ciao.

RESOURCE MANAGEMENT ROUTING SHEET

Permit#: 4-069-19339

Report Date: Jan 26, 2001

Date Mail Received: Jan 25, 2001

Appl. Received: Jul 26, 2000

Date Permit Issued:

Mail Type: Response to RAI

Project Name: Greater Pines, Phases 8-10

Name	Job Title	Office
Rickie A Ottesen	Engineer III	Orlando
Barbara N Prynosi	Regulatory Scientist II	Orlando

GENERAL COUNCIL:

Copied and Routed By OB on 1/26/01

Routed from: Orlando



January 24, 2001

Mr. Rick Ottesen
St. Johns River Water Management District
Department of Resource Management
618 E. South Street, Suite 200
Orlando, Florida 32801

CPH Engineers, Inc.
1117 E. Robinson St., Suite C
Orlando, FL 32801
Phone: (407) 425-0452
Fax: (407) 648-1036
www.cphengineers.com

RE: Greater Pines, Phases 8 - 10
App. No. 4-069-19339-4
CPH Project No. G6765.08

Dear Mr. Ottesen:

We have reviewed your December 4, 2000 letter and offer the following in response to the information requested.

- The site plan indicates a wetland line based on the wetland flagged by Modica and associates on September 13, 2000. A site meeting on September 18, 2000 with Joseph Galletti of Modica and Associates, Inc. and District Staff determined that portions of the line need to be adjusted landward. Please submit a copy of a "dated" survey sketch that reflects the revised wetland line and revise, as applicable, all appropriate construction plan sheets and Table 1 of Section E of the application to reflect the new wetland acreage.*

Response: We have included a revised Boundary and Topographic Survey of the property as prepared by Donald W. McIntosh Associates, Inc. This survey now references the dates that the wetland line was surveyed by their firm. The original survey of the line was done on 9/14/2000 and then revised on 9/21/2000 to pick up the changes that resulted from the on-site review by the District. We are also including with this response the revised Table 1 from Section E of the application that indicates the new surveyed wetland area.

- Sheet 3 of 20 of the construction plans indicates double silt fence along the wetland perimeter. Please revise this sheet and all other relevant sheets to indicate the placement of the silt fencing on the outside edge (most landward) of the 25-foot upland buffer. In addition, please delete the term Conservation Easement from the plans, since this area is not designated as a conservation Easement.*

Response: As per a telephone conversation with Ms. Barbara Prynosi, the placement of the silt fence within the 25-foot upland buffer area was acceptable. Presently, this area contains no vegetation and the pond berms will terminate within the buffer

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RECEIVED

JAN 25 2001



area. And due to construction of the ponds occurring at this time, the silt fence placement will protect the lake and wetlands from siltation during construction of the pond berms. The term Conservation Easement has been removed from the construction plans.

3. *As previously requested, please provide documentation establishing an ultimate maintenance entity for Phases 8 through 10. On November 22, 2000 a letter was sent to you from Ms. Kris Davis, District Assistant General Counsel. That letter requested, in part, that an updated resolution from Lake County be provided, which includes the special assessment for phases 8 through 10 of the Greater Pines Subdivision or, alternatively documentation be provided from the County indicating that the County intends to approve a resolution for additional assessments for the remaining phases. The letter also indicated that, alternatively, if the applicant wishes to propose a homeowner's association as the operation and maintenance entity, then please submit draft Articles of Incorporation for the association and a draft Declaration of Covenants and Restrictions of other organizational and operational documents affirmatively assigning authority and responsibility for the operation and maintenance of the surface water management system. Please clarify your intent. Please furnish the omitted material and include a description and schedule of maintenance practices for the surface water management system to ensure that the system will function as designed. District staff will review the documents and you will be notified whether they are acceptable for recording. These draft documents must be accepted prior to permit issuance.*

Response: As stated in the original response, a letter regarding the maintenance entity has been requested from Lake County. Mr. Jim Stivender, the Public Works Director of Lake County sent a letter directly to Ms. Kris Davis in Palatka regarding this subject. We have included a copy with this correspondence for your records. It is our understanding that Ms. Davis has spoken directly to Ms. Valerie Fuchs, Deputy County Attorney for Lake County to resolve the issues related to the maintenance entity for the remaining portions of this development.

4. *The response to number 4, of District staffs RAI letter is currently unacceptable. Contributing off-site stormwater runoff must either be treated or diverted away from the receiving system (i.e., Pond 5). Please demonstrate that Pond 5 is adequately sized for the additional runoff from the contributing undeveloped off-site areas (68.38 acres) or demonstrate that the runoff will be diverted away from Pond 5. Submit any revisions, as applicable.*

Response: We have revised the plans to show that the off-site area is to be diverted past pond 5 to the soakage swale between Pond 5 and the wetland area. The pipe has been sized to accommodate the off-site flow. We have also installed an energy dissipater structure at the end of the line to eliminate this flow from washing out the spreader swale. We have included sheet 6 of the plans that has the pipe



information, which indicates that the top of the by-pass pipe is below the bottom of the pond.

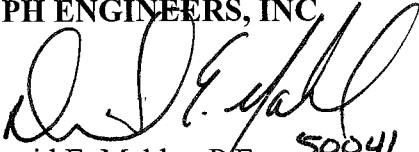
5. *The calculations submitted in response to number 5, of District staffs RAI letter lacked the required signature, embossed seal and date. Please be advised that in accordance with Florida State Statutes, all plans, specifications, and reports being filed for public records shall be signed, sealed, and dated by appropriate registrants holding valid certificates of registration within the state of Florida. Please furnish sealed calculations (each page) unless bound in booklet form (cover page only) pursuant to Subsection 471.025(1) F.S.*

Response: The tables submitted with the previous response have been further revised as a result of the new routing of the off-site runoff. The off-site runoff previously going into Pond 5 has been diverted past the pond to the wetland area. The tables have been revised accordingly and are being resubmitted. All pages have been signed dated and sealed as required.

If you need further data or discussion on any of the above, please call us.

Sincerely,

CPH ENGINEERS, INC


David E. Mahler, P.E. 50041
Project Manager

Cc: Mr. Charles W. Gregg, P.E., Greater Construction Corporation

J:\G6765.08\WORD\AJRWMD RAI2 RESPONSE LTR.DOC

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

WL & SW ID	WL & SW TYPE	WL & SW SIZE	WL & SW NOT IMPACTED	WL & SW TYPE	TEMPORARY WL & SW IMPACTS	IMPACT CODE	WL & SW TYPE	PERMANENT WL & SW IMPACTS	IMPACT CODE	MITIGATION ID
Lost Lake	SW	18.68 Ac.	18.68 Ac.	None	None		None	None		
	WL	4.28 Ac.	4.28 Ac.	None	None		None	None		
PROJECT TOTALS:										

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JAN 25 2001
4-069-19239-4
PDS

Reviewer: _____
ORLANDO
SJR WMD

Comments:

CODES (multiple entries per cell not allowed):
Wetland Type: form and established wetland classification system (see Section F, 111b.)
Impact Type: D = dredge; F = fill; H = change hydrology; S = shading; C = clearing; O = other

[Handwritten Signature]
1/24/01
50045

JAN-11-2001 THU 11:24 AM LAKE COUNTY ATTORNEY

352 343 9646

P. 01

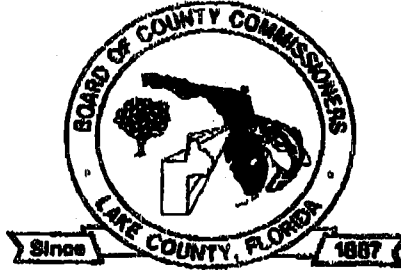
01/11/01 11:51 FAX 2534915

PUBLIC WORKS DEP -> CO ATTY

01

01-15

DEPARTMENT OF PUBLIC WORKS P O BOX 7800 123 North Sinclair Avenue TAVARES FLORIDA 32778-7800



Receptionist/Information (352) 253-4900 FAX (352) 253-4920 SUNCOM 859-1800 Director's Office (352) 253-4905 Engineering Division (352) 253-4844 Map Sales (352) 253-4970 Right-of-Way (352) 253-4943 Road Operations Division (352) 253-4980 Special Services Division (352) 253-4907 Administration (352) 253-4905 Mosquito/Aquatic Plant Mgt. (352) 343-8882 Stormwater Management (352) 253-4900

December 18, 2000

Kris Davis, Esq. St. Johns River Water Management District P.O. Box 1429 Palatka, FL 32178-1429

County Attorney JAN 11 2001 RECEIVED

RE: Greater Pines - Special Assessments

Dear Ms. Davis:

This letter is in regards to your letter dated November 22, 2000 sent to David Mahler concerning Greater Pines Subdivision. Please be advised that the Lake County Public Works Department, or other authorized department, intends to submit to the Lake County Board of County Commissioners for approval a resolution to impose a special assessment on the remaining phases of the Greater Pines Subdivisions (i.e. phases 8-10) to provide for the same municipal services as provided to the existing phases.

Sincerely,

Jim Stivender Director Public Works

Cc: William A. Beckett

RECEIVED JAN 25 2001 4-069-19339-4 PDS ORLANDO SJR WMD

Post-It® Fax Note 7871 Date 1-11-01 # of pages 1 To ~~Valerie~~ DAVID mahler From Valerie Hochs Co. Co. Phone # Phone # Fax # Fax #

DISTRICT ONE JENNIFER HILL

DISTRICT TWO ROBERT A. POOL

DISTRICT THREE DEBBIE STIVENDER

DISTRICT FOUR CATHERINE C. HANSON

DISTRICT FIVE WELTON G. CADWELL

PAV COMPARISON

	PAV	72 HRS RECOVERY	POND STORAGE
POND 2	(ac-ft)	(ac-ft)	(ac-ft)
DEVELOPMENT	0.15		
PREV. PHASES	1.17	8.19	12.50
TOTAL	1.32		
OFFSITE	1.35		
Grand Total	2.66	8.19	12.50

	PAV	72 HRS RECOVERY	POND STORAGE
POND 3	(ac-ft)	(ac-ft)	(ac-ft)
DEVELOPMENT	0.15		
PREV. PHASES	0.68	7.66	13.23
TOTAL	0.83		
OFFSITE	0.00		
Grand Total	0.83	7.66	13.23

	PAV	72 HRS RECOVERY	POND STORAGE
POND 4	(ac-ft)	(ac-ft)	(ac-ft)
DEVELOPMENT	0.19		
PREV. PHASES	6.50	11.96	20.52
TOTAL	6.69		
OFFSITE	0.00		
Grand Total	6.68	11.96	20.52

	PAV	72 HRS RECOVERY	POND STORAGE
POND 5	(ac-ft)	(ac-ft)	(ac-ft)
DEVELOPMENT	1.19	1.59	2.19
PREV. PHASES	0.00		
TOTAL	1.19		
OFFSITE	0.00		
Grand Total	1.19	1.59	2.19

	PAV	72 HRS RECOVERY	POND STORAGE
POND 6	(ac-ft)	(ac-ft)	(ac-ft)
DEVELOPMENT	5.01	10.32	12.41
PREV. PHASES	0.00		
TOTAL	5.01		
OFFSITE	4.95		
Grand Total	9.96	10.32	12.41

GRAND TOTAL PAV = 21.32 AC-FT
 GRAND TOTAL RECOVERY 39.72 AC-FT
 GRAND TOTAL STORAGE = 60.85 AC-FT

NOTES: SUMMARIZED FROM PAGES 186 - 200 OF
 STORMWATER DESIGN CALCULATIONS &
 REVISED POLLUTION ABATEMENT VOLUME
 SPREADSHEET (ATTACHED).

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JAN 25 2001

4-069-19339-4

ORLANDO
 SJRWMD

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 1/24/01
 50041

REVISED POLLUTION ABATEMENT VOLUMES
 GREATER PINES 8-10
 POST-DEVELOPMENT CONDITION
 CPH JOB No. G6765.08C DATE : 09/08/00

PAGE 1

AREAS TRIBUTARY TO POND 2:

BASIN No.	TOTAL AREA (AC)	AREA DCIA (AC)	AREA NDCIA (AC)	AREA IMPERVIOUS (AC)	AREA PERVIOUS (AC)	0.5" OVER TOTAL AREA (AC-FT)	1.25" OVER IMPERVIOUS AREA (AC-FT)	POLLUTION ABATEMENT VOLUME REQUIRED (AC-FT)
-----------	-----------------	----------------	-----------------	----------------------	--------------------	------------------------------	------------------------------------	---

8-1	1.78	0.16	0.20	0.37	1.41	0.07	0.04	0.148
Off-1 Post	16.21	0	0	0.00	16.21	0.68	0.00	1.351

17.99 TOTAL

1.78 FROM DEVELOPMENT

1.499 TOTAL

0.148 FROM DEVELOPMENT

AREAS TRIBUTARY TO POND 3:

BASIN No.	TOTAL AREA (AC)	AREA DCIA (AC)	AREA NDCIA (AC)	AREA IMPERVIOUS (AC)	AREA PERVIOUS (AC)	0.5" OVER TOTAL AREA (AC-FT)	1.25" OVER IMPERVIOUS AREA (AC-FT)	POLLUTION ABATEMENT VOLUME REQUIRED (AC-FT)
-----------	-----------------	----------------	-----------------	----------------------	--------------------	------------------------------	------------------------------------	---

8-2	1.80	0.16	0.20	0.37	1.43	0.08	0.04	0.150
-----	------	------	------	------	------	------	------	-------

1.8

0.150 TOTAL

0.150 FROM DEVELOPMENT

AREAS TRIBUTARY TO POND 4:

BASIN No.	TOTAL AREA (AC)	AREA DCIA (AC)	AREA NDCIA (AC)	AREA IMPERVIOUS (AC)	AREA PERVIOUS (AC)	0.5" OVER TOTAL AREA (AC-FT)	1.25" OVER IMPERVIOUS AREA (AC-FT)	POLLUTION ABATEMENT VOLUME REQUIRED (AC-FT)
-----------	-----------------	----------------	-----------------	----------------------	--------------------	------------------------------	------------------------------------	---

8-3	2.27	0.19	0.23	0.43	1.84	0.09	0.04	0.189
-----	------	------	------	------	------	------	------	-------

2.27

0.189 TOTAL

0.189 FROM DEVELOPMENT

AREAS TRIBUTARY TO POND 5:

BASIN No.	TOTAL AREA (AC)	AREA DCIA (AC)	AREA NDCIA (AC)	AREA IMPERVIOUS (AC)	AREA PERVIOUS (AC)	0.5" OVER TOTAL AREA (AC-FT)	1.25" OVER IMPERVIOUS AREA (AC-FT)	POLLUTION ABATEMENT VOLUME REQUIRED (AC-FT)
-----------	-----------------	----------------	-----------------	----------------------	--------------------	------------------------------	------------------------------------	---

8-5	12.10	2.25	0.93	3.18	8.92	0.50	0.33	1.008
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Pond 5	2.15	0.00	0.00	0.00	2.15	0.09	0.00	0.179
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Off-8 Post	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
------------	------	------	------	------	------	------	------	-------

14.25 TOTAL

14.25 FROM DEVELOPMENT

1.19 TOTAL

1.19 FROM DEVELOPMENT

AREAS TRIBUTARY TO POND 6:

BASIN No.	TOTAL AREA (AC)	AREA DCIA (AC)	AREA NDCIA (AC)	AREA IMPERVIOUS (AC)	AREA PERVIOUS (AC)	0.5" OVER TOTAL AREA (AC-FT)	1.25" OVER IMPERVIOUS AREA (AC-FT)	POLLUTION ABATEMENT VOLUME REQUIRED (AC-FT)
-----------	-----------------	----------------	-----------------	----------------------	--------------------	------------------------------	------------------------------------	---

8-4	7.73	2.53	0.62	3.15	4.58	0.32	0.33	0.650
-----	------	------	------	------	------	------	------	-------

9-1	23.50	3.97	2.16	6.13	17.37	0.98	0.64	1.958
-----	-------	------	------	------	-------	------	------	-------

10-1	18.15	1.44	0.71	2.15	16.00	0.76	0.22	1.512
------	-------	------	------	------	-------	------	------	-------

Pond 6	10.64	0.00	0.00	0.00	10.64	0.44	0.00	0.887
--------	-------	------	------	------	-------	------	------	-------

Off-2 Post	22.56	0.00	0.00	0.00	22.56	0.94	0.00	1.880
------------	-------	------	------	------	-------	------	------	-------

Off-3 Post	8.50	0.00	0.00	0.00	8.50	0.35	0.00	0.708
------------	------	------	------	------	------	------	------	-------

Off-4 Post	28.38	0.00	0.00	0.00	28.38	1.18	0.00	2.365
------------	-------	------	------	------	-------	------	------	-------

119.46 TOTAL

60.02 FROM DEVELOPMENT

9.961 TOTAL

5.008 FROM DEVELOPMENT

PHASES 8 - 10

12.987 AC-FT TOTAL PAV

6.683 AC-FT FROM DEVELOPMENT

6.304 AC-FT FROM OFFSITE AREAS

8.337 AC-FT FROM PH 5-7

21.324 AC-FT FOR PONDS 2-6

PHASES 5 - 7

TOTAL PAV

NOTES:

1. AREA OF IMPERVIOUS = DCIA + NDCIA.
2. REQUIRED VOLUME FOR ON-LINE PONDS IS THE GREATER OF:
 - a) 0.5 INCH RUNOFF OVER THE ENTIRE AREA, OR
 - b) 1.25 INCHES RUNOFF OVER THE IMPERVIOUS AREA, BOTH, PLUS 0.5 INCH OVER THE ENTIRE AREA.

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JAN 25 2001
 4-069-19339-4

PDS
 ORLANDO
 SJR WMD

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 1/24/01
 50041

Table 5.3

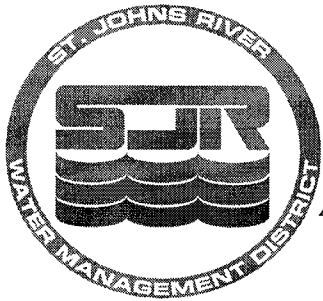
TOTAL POLLUTION ABATEMENT VOLUME

POND NO.	PREVIOUS PAV	PHASES 8-10	TOTAL PAV	PAV IN 72HRS
2	1.17	1.50	2.66	8.19
3	0.68	0.15	0.83	7.66
4	6.50	0.19	6.68	11.96
5	0.00	1.19	1.19	1.59
6	0.00	9.96	9.96	10.32
TOTAL	8.34	12.99	21.32	39.72

4-069-19339-4
RECEIVED
JAN 25 2001

PDS
ORLANDO
SJR WMD

[Handwritten Signature]
1/24/01
50041



Resource Management Routing Sheet

P

Application Number: 4-069-0301AM5-ERP

Date Issued: /, February 08, 2000

(19373-13)

Date Mail Processed: 12/19/2000

Date Mail Received: 12/18/2000

Applicant: Royal Highlands Property Owner's Association, Inc

Project Name: Royal Highlands - Phase IE

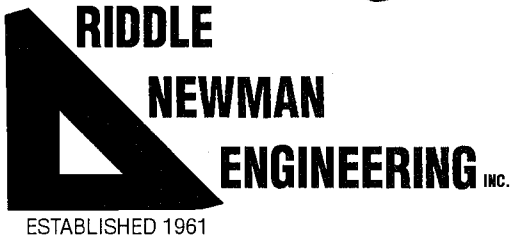
Mail Type: AS-BUILTS

Mail Routed to :

Comments: WIL C. ;1 CERTIFICATION & NO PLANS

Data Capture Person: Karen Moody

Signature: Kmm Tuesday, December 19, 2000



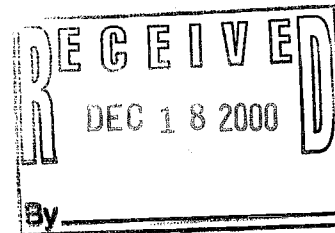
Keith E. Riddle, P.E.
Richard O. Newman, P.E.

AB (no plans)
will do.

December 15, 2000

Department of Permit Data Services
St. Johns River Water Management District
P.O. Box 1429
Palatka, FL 32178-1429

19373-13 ✓



- Civil Engineering
- Structural Engineering
- Land Development
- Drinking Water
- Wastewater
- Stormwater Management
- Environmental Permitting

Gentlemen:

RE: Royal Highlands – Phase 1E
Permit No. 4-069-0301M5-ERP
Certification of Completion ✓

At this time it appears that the work for the above phase of this project has been completed in accordance with the permitted plans and we recommend this permit be converted to it's *Operation phase*.

In accordance with the permit conditions, we also herewith request that this permit be transferred to the Royal Highlands Property Owners Association at the following address for perpetual operation and maintenance:

Royal Highlands Property Owners' Association, Inc.
26600 Ace Avenue
Leesburg, Florida 34748

Please let us know if you need any further information and should you have any questions, please do not hesitate to call.

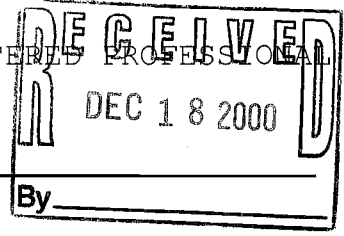
Respectfully submitted,

RIDDLE – NEWMAN ENGINEERING, INC.

Keith E. Riddle
Keith E. Riddle, P.E.

cc: Steve Dinter, Pringle Development
Gary Summers, Williams Smith & Summers, P.A.

File: K93092-776
12/15/00 4:14:15 PM



PERMIT NUMBER: 4-069-0301M5-ERP

PROJECT NAME: Royal Highlands - Phase 1E

I hereby certify that all components of this stormwater management system have been built substantially in accordance with the approved plans and specifications and is ready for inspection. Any substantial deviations (noted below) from the approved plans and specifications will not prevent the system from functioning in compliance with the requirements of chapter 40C-4, 40C-41 or 40C-42, F.A.C. (as applicable), when properly maintained and operated. These determinations have been based upon on-site observation of the system conducted by me or by my designee under my direct supervision and/or my review of as-built plans certified by a registered professional or Land Surveyor licensed in the State of Florida.

Keith E. Riddle, P.E.

Name (please print)

Keith E. Riddle
Signature of Professional

Riddle - Newman Engineering, Inc.

38800

Company Name

Florida Registration Number

115 North Canal Street

12/15/00

Company Address

Date

Leesburg, Fl 34748

City, State, Zip Code

(352) 787-7482

Telephone Number

(Affix Seal)

Substantial deviations from the approved plans and specifications:

None Known

(Note: attach two copies of as-built plans when there are substantial deviations)

Within 30 days of completion of the system, submit two copies of this form to:
Department of Permit Data Services
St. Johns River Water Management District
P.O. Box 1429
Palatka, FL 32178-1429.

***A registered professional** is defined in subsection 40C-42.021(1) as Pa professional registered in Florida with the necessary expertise in the fields of hydrology, drainage, flood control, erosion and sediment control, and stormwater pollution control to design and certify stormwater management systems. Examples of registered professionals may include professional engineers licensed under chapter 471, F.S., professional landscape architects licensed under chapter 481, P.S., and professional geologists licensed under chapter 492, F.S., who have the referenced skills.



St. Johns River Water Management District

Henry Dean, Executive Director • John R. Wehle, Assistant Executive Director
David Dewey, Orlando Service Center Director

618 East South Street • Orlando, FL 32801 • (407) 897-4300

December 04, 2000

Certified Mail Number 7000 0600 0024 1459 7391

CPH Engineers, Inc.
Attn.: David E. Mahler, P.E.
1117 N. Robinson Street, Suite C
Orlando, Florida 32801

RE: Greater Pines, Phase 8-10
Application Number: 4-069-19339-4
(Please reference the above number on any submittal)

Dear Mr. Mahler:

The St. Johns River Water Management District is in receipt of your response to the District's August 21, 2000 Request for Additional Information. 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 three (3) copies of all requested information unless otherwise indicated by a specific information request.

1. The site plan indicates a wetland line based on the wetland line flagged by Modica and Associates on September 13, 2000. A site meeting on September 18, 2000 with Joseph Galletti of Modica and Associates, Inc. and District Staff determined that portions of the line needed to be adjusted landward. Please submit a copy of a "dated" survey sketch that reflects the revised wetland line and revise, as is applicable, all appropriate construction plan sheets and Table 1 of Section E of the application to reflect the new wetland acreage. [40C-4.301(1)(d, f); 40C-4.302(1)(a) 2,7, F.A.C.]
2. Sheet 3 of 20 of the construction plans indicates double silt fencing along the wetland perimeter. Please revise this sheet and all other relevant sheets to indicate the placement of the silt fencing on the outside edge (most landward) of the 25-foot upland buffer. In addition, please delete the term Conservation Easement from the plans, since this area is not designated as a Conservation Easement. [40C-4.301(1)(e), F.A.C.]

GOVERNING BOARD

William Kerr, CHAIRMAN MELBOURNE BEACH	Ometrias D. Long, VICE CHAIRMAN APOPKA	Jeff K. Jennings, SECRETARY MAITLAND	Duane Ottenstroer, TREASURER JACKSONVILLE	
Dan Roach FERNANDINA BEACH	William M. Segal MAITLAND	Otis Mason ST. AUGUSTINE	Clay Albright EAST LAKE WEIR	Reid Hughes DAYTONA BEACH

David Mahler, P.E.
December 04, 2000
Page 3

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 Rick at 407/897-4322 or Barbara at 407/897-4338.

Sincerely,



Rick Ottesen, Engineer
Department of Water Resources

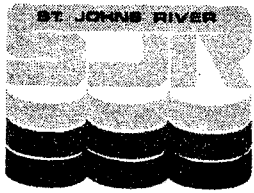


Barbara N. Prynosi, Regulatory Scientist
Department of Water Resources

cc: PDS/RAIL, David Dewey, Joan B. Budzynski, Elizabeth Johnson, Kris Davis

The Greater Construction Company; Attn.: Charles W. Gregg
1105 Kensington Park Drive; Altamonte Springs, Florida 32714

Modica and Associates, Inc.; Attn: Joseph Galletti
310 Almond Street; Clermont, FL 34711



**WATER
MANAGEMENT
DISTRICT**

LDC

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

POST OFFICE BOX 1429 PALATKA, FLORIDA 32178-1429
TELEPHONE 904-329-4500 1-800-451-7106 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

618 E. South Street Orlando, Florida 32801 407-897-4300 1-877-228-1658 FAX 407-897-4354 TDD 407-897-5960		7775 Baymeadows Way Suite 102 Jacksonville, Florida 32256 904-730-6270 1-800-852-1563 FAX 904-730-6267 TDD 904-448-7900		SERVICE CENTERS	
PERMITTING: 305 East Drive Melbourne, Florida 32904 407-994-4940 1-800-295-3264 FAX 407-722-5357 TDD 407-722-5368		OPERATIONS: 2133 N. Wickham Road Melbourne, Florida 32935-8109 407-752-3100 TDD 407-752-3102			

November 22, 2000

P

David E. Mahler
CPH Engineers, Inc.
1117 East Robinson Street
Orlando, Florida 32801

ENTERED
11/30/00
fm

RECEIVED
NOV 28 2000
By _____

Re: Greater Pines; 4-069-0276AM3-ERP

19339

Dear Mr. Mahler:

I have spoken with Assistant County Attorney Valerie Fuchs regarding the MSBU for Greater Pines. The most recent resolution the county has for Greater Pines is Resolution Number 1999-148 which approved the non-ad-valorem assessment for municipal services for the Greater Pines Subdivision. However, Ms. Fuchs stated that the assessments cover only phases 1 through 5 and that there is no provision for phases 8 through 10. She also mentioned that she thought Lake County may no longer be doing special assessments but that you should contact their Special Assessments office and speak with Julia Wilson. Ms. Wilson's phone number is (352)343-9415.

If, in fact, Lake County will not allow additional special assessments for the remaining phases of Greater Pines, then the applicant will need to provide an alternative operation and maintenance entity under the District's rules.

Therefore, please provide the District with an updated resolution from Lake County, which includes the special assessment for phases 8 through 10 for the above-referenced project, or documentation from the county that it intends to approve a resolution for additional assessments for the remaining phases.

Alternatively, if the applicant wishes to propose a homeowner's association as the operation and maintenance entity, then please submit draft Articles of Incorporation for the association and a draft Declaration of Covenants and Restrictions or other organizational and operational documents affirmatively assigning authority and responsibility for the operation and maintenance of the surface water/stormwater management system. The developer may also be acceptable as an operation and maintenance entity for the system under 40C-42.027, F.A.C.

William Kerr, CHAIRMAN
MELBOURNE BEACH

Ometrias D. Long, VICE CHAIRMAN
APOPKA

Jeff K. Jennings, SECRETARY
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Duane Ottenstroer, TREASURER
SWITZERLAND

Dan Roach
FERNANDINA BEACH

William M. Segal
MAITLAND

Otis Mason
ST. AUGUSTINE

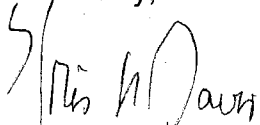
Clay Albright
EAST LAKE WEIR

Reid Hughes
DAYTONA BEACH

Greater Pines
November 22, 2000
Page 2 of 2

If you should have any questions, please call me at (904) 329-4390. Thank you.

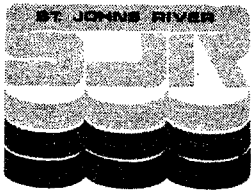
Sincerely,

A handwritten signature in cursive script, appearing to read "Kris H. Davis".

Kris H. Davis
Assistant General Counsel
Office of General Counsel

KHD/kp

cc: David Dewey, Joan Budzynski, Rick Ottesen, William Carlie, PDS Pal/Orl



**WATER
MANAGEMENT
DISTRICT**

LDC

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

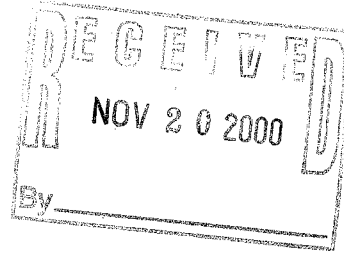
POST OFFICE BOX 1429 PALATKA, FLORIDA 32178-1429
 TELEPHONE 904-329-4500 1-800-451-7106 SUNCOM 904-860-4500
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---	---	--	---

November 14, 2000

David E. Mahler
CPH Engineers, Inc.
1117 East Robinson Street
Orlando, Florida 32801



Re: Greater Pines; 4-069-0276AM3-ERP

Dear Mr. Mahler:

19339-4 ✓

This letter will serve as a follow-up to your fax to me of attorney William Beckett's letter to you regarding the Agreement between Lake County and Greater Construction. First, thank you for providing me with that information. Nonetheless, the applicant must still furnish the District with written proof, either by letter or resolution, that Lake County or the MSBU it established will accept operation and maintenance of the stormwater management system for the above-referenced project phase in accordance with 40C-42.027, F.A.C. As it now stands, the existing MSBU Resolution for the previous phases does not accomplish this.

However, in order to assist you with this matter, I have spoken with assistant Lake County attorney Valerie Fuchs in order to find out if there are any ordinances or revised versions of the resolution pertaining to Greater Pines that came into being after the above-referenced resolution and that are more encompassing than the MSBU on file. She is reviewing Lake County's ordinances and resolutions and will advise me of her findings. I will be calling you once I speak with her.

If you should have any questions, please call me at (904) 329-4390. Thank you very much.

Sincerely,

Kris H. Davis
Assistant General Counsel
Office of General Counsel

KHD/kp

cc: David Dewey, Rick Ottesen, William Carlie, PDS Pal/Orl

William Kerr, CHAIRMAN MELBOURNE BEACH	Ometrias D. Long, VICE CHAIRMAN APOPKA	Jeff K. Jennings, SECRETARY MAITLAND	Duane Ottenstroer, TREASURER SWITZERLAND
Dan Roach FERNANDINA BEACH	William M. Segal MAITLAND	Otis Mason ST. AUGUSTINE	Clay Albright EAST LAKE WEIR
			Reid Hughes DAYTONA BEACH

RESOURCE MANAGEMENT ROUTING SHEET

Permit#: 4-069-19339 -4

Report Date: Nov 16, 2000

Date Mail Received: Nov 13, 2000

Appl. Received: Jul 26, 2000

Date Permit Issued:

Mail Type: Response to RAI

Project Name: Greater Pines, Phases 8-10

Name	Job Title	Office
Rickie A Ottesen	Engineer III	Orlando
Barbara N Prynosi	Regulatory Scientist II	Orlando

GENERAL COUNCIL:

Copied and Routed By: RB on 11-16-00

Routed from: Orlando

PDS ROUTING SHEET

DELIVERED: US Mail HD UPS Fed Ex Other _____

MAIL TYPE: application mail _____

RECEIVED ON: _____ 11/13/00 BY: TUE

OPENED ON: _____ BY: _____

CHECK ENTERED ON: _____ BY: _____

STAMPED IN ON: _____ 11/13/00 BY: TUE

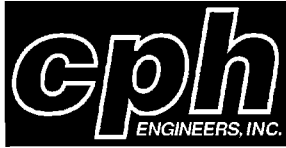
NUMBERED ON: _____ 11-16-00 BY: AB

ENTERED INTO GRS ON: _____ 11-16-00 BY: AB

ENTERED INTO ACCESS ON: _____ BY: _____

COPIED ON: _____ 11-16-00 BY: AB

11-14-00 waiting for Dick to enter CA1
11-16-00 Still waiting. left second message
11-16-00 Asked Barbara to enter



CPH Engineers, Inc.
 1117 East Robinson Street
 Orlando, Florida 32801
 Phone: 407-425-0452
 Fax: 407-648-1036
 www.cphengineers.com

Letter Of Transmittal

Date: November 13, 2000
 CPH Job No.: G6765.08
 Attention: Mr. Rick Ottesen

To: St. Johns River Water Management District
 618 E. South Street
 Orlando, Florida 32801

RE: Response to RAI for Greater Pines 8 - 10
 App. No. 4-069-19339-4

PLEASE FIND ATTACHED THE FOLLOWING ITEM(S):

NO. OF COPIES	DESCRIPTION
5	Revised Signed & Sealed Plan Sets
5	Revised Post Development Basin Maps
5	Response to Rai Letters (1 original & 4 copies) w/ attachments

THESE ITEMS ARE TRANSMITTED AS INDICATED BELOW:

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> For Your Use | <input type="checkbox"/> As Requested | <input type="checkbox"/> For Review and Comment |
| <input type="checkbox"/> Approved as Submitted | <input type="checkbox"/> Approved as Noted | <input checked="" type="checkbox"/> For Review and Approval |
| <input type="checkbox"/> Resubmit for Approval | <input type="checkbox"/> Signature Required | |

REMARKS:

COPY TO:

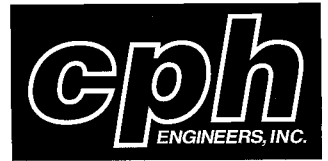
SIGNED: ⁴⁻⁰⁶⁹⁻¹⁹³³⁹⁻⁴ David E. Mahler, P.E.

RECEIVED

NOV 13 2000

If enclosures are not as noted, kindly notify us at once.

FDS
 ORLANDO
 SJR WMD



November 13, 2000

Mr. Rick Ottesen
St. Johns River Water Management District
Department of Resource Management
618 E. South Street, Suite 200
Orlando, Florida 32801

CPH Engineers, Inc.
1117 E. Robinson St., Suite C
Orlando, FL 32801
Phone: (407) 425-0452
Fax: (407) 648-1036
www.cphengineers.com

RE: Greater Pines, Phases 8 - 10
App. No. 4-069-19339-4
CPH Project No. G6765.08

Dear Mr. Ottesen:

We have reviewed your August 21, 2000 letter and offer the following in response to the information requested.

Response to the request for additional information follows in numbered order (a copy of your letter is attached for reference).

1. The wetland line has been reverified and resurveyed. The new survey information is included with this correspondence. The plans have also been revised to reflect the new survey information as well as the buffer easement area.
2. We are including a copy of Exhibit "A" from the original Agreement between Lake County and Greater Construction. The issues pertaining to the maintenance authority are being resolved with Ms. Kris Davis. As was done for the previous phases, a letter has been requested from Lake County addressing their responsibilities for continued maintenance of the facilities.

GENERAL NARRATIVE FOR RESPONSE ITEMS 3,4 & 5

The pollution abatement volume (PAV) for the Greater Pines project has been broken down into three parts. The first part is the PAV for the development of Greater Pines Phases 8-10 only. The second is the PAV for the previously permitted/constructed phases of Greater Pines. The third is the PAV for the offsite areas that drain onto the Greater Pines site (See attached spreadsheet titled PAV Comparison).

Ponds 2,3 & 4 are part of the Greater Pines Phases 5-7 previously permitted development. These three ponds are in the middle of the developed area as depicted on the Post Development Map (Map Pocket of Stormwater Design Calculations package). Ponds 5 & 6 are part of the Greater Pines Phases 8-10 development and are located near the wetlands/lake system. In addition, three spreader/soaker ponds, between Ponds 5 & 6 and the wetlands/lake system are for additional treatment and to spread out the runoff before entering the wetland/lake system. These three ponds are not accounted for in the pollution abatement recovery or storage volume calculations.

RECEIVED

NOV 13 2000
4-069-19339-4



3 & 4: Pond 5 holds and recovers the volume needed for the development area (9.88 acres) of Phases 8-10. Pond 5 does not hold the volume for the undeveloped offsite areas (68.38 acres) that drain onto the development. Pond 5 holds a volume of 2.19 ac-ft and recovers 1.59 ac-ft in 72 hours. The PAV required for Pond 5 is 1.19 ac-ft for the development areas and 5.709 ac-ft for the undeveloped offsite areas; totaling 6.88 ac-ft PAV needed (See attached spreadsheet titled PAV Comparison). If Pond 5 were required to provide the treatment of this undeveloped area plus the development area, we would have to connect and enlarge Ponds 5 & 6 and lose the three-soaker/spreader ponds.

The total PAV for Ponds 2-6 is 27.02 ac-ft and the recovery of Ponds 2-6 in 72 hours is 36.55 ac-ft. Therefore, we recover an additional 9.53 ac-ft of PAV than is required. Also, please note that the Ponds 2-4 are in the middle of the development and they are the ponds that have more recovery potential. It is our opinion that these ponds will increase the benefits to the wetland/lake system by removing more pollution loading (oil, grease, pesticides, herbicides, etc.) from the development areas than from the offsite areas, which are undeveloped. In addition, when this offsite area is developed, it will be required to provide and recover its own PAV. This would then leave Ponds 5 & 6 way oversized and the wetlands/lake system without the benefits of the extra soaker/spreader ponds.

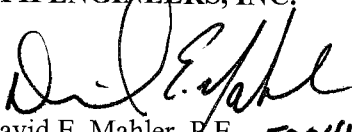
Pond 6 holds a volume of 12.41 ac-ft and recovers 10.32 ac-ft in 72 hours. The PAV for Pond 6 is 5.01 ac-ft for the development and 4.95 ac-ft for the undeveloped offsite areas, totaling 9.96 ac-ft PAV needed.

5. Basin 8-5 does contribute to Pond 5 and Basin 8-4 does contribute to Pond 6. The Pollution Abatement Volumes spreadsheet has been revised to reflect these revisions. Please note that the response to Items 3 and 4 above reflect this revision. Attached for your review is a revised spreadsheet for the Pollution Abatement Volumes.
6. The requested additional information has been added to the post-development drainage basin map.
7. The plans have been revised labeling the existing ponds.

If you need further data or discussion on any of the above, please call us.

Sincerely,

CPH ENGINEERS, INC.


David E. Mahler, P.E. 50041
Project Manager

Cc: Charles W. Gregg, P.E., Greater

PAV COMPARISON

	PAV	72 HRS RECOVERY	POND STORAGE
POND 2	(ac-ft)	(ac-ft)	(ac-ft)
DEVELOPMENT	0.15		
PREV. PHASES	1.17	8.19	12.50
TOTAL	1.32		
OFFSITE	1.35		
Grand Total	2.66	8.19	12.50

	PAV	72 HRS RECOVERY	POND STORAGE
POND 3	(ac-ft)	(ac-ft)	(ac-ft)
DEVELOPMENT	0.15		
PREV. PHASES	0.68	7.66	13.23
TOTAL	0.83		
OFFSITE	0.00		
Grand Total	0.83	7.66	13.23

	PAV	72 HRS RECOVERY	POND STORAGE
POND 4	(ac-ft)	(ac-ft)	(ac-ft)
DEVELOPMENT	0.19		
PREV. PHASES	6.50	11.96	20.52
TOTAL	6.69		
OFFSITE	0.00		
Grand Total	6.68	11.96	20.52

	PAV	72 HRS RECOVERY	POND STORAGE
POND 5	(ac-ft)	(ac-ft)	(ac-ft)
DEVELOPMENT	1.19	1.59	2.19
PREV. PHASES	0.00		
TOTAL	1.19		
OFFSITE	5.70		
Grand Total	6.88	1.59	2.19

	PAV	72 HRS RECOVERY	POND STORAGE
POND 6	(ac-ft)	(ac-ft)	(ac-ft)
DEVELOPMENT	5.01	10.32	12.41
PREV. PHASES	0.00		
TOTAL	5.01		
OFFSITE	4.95		
Grand Total	9.96	10.32	12.41

GRAND TOTAL PAV = 27.02 AC-FT
GRAND TOTAL RECOVERY 36.55 AC-FT
GRAND TOTAL STORAGE = 89.86 AC-FT

NOTES: SUMMARIZED FROM PAGES 186 - 200 OF STORMWATER DESIGN CALCULATIONS & REVISED POLLUTION ABATEMENT VOLUME SPREADSHEET (ATTACHED).

REVISED POLLUTION ABATEMENT VOLUMES

GREATER PINES 8-10
 POST-DEVELOPMENT CONDITION
 CPH JOB No. G6765.08C DATE : 09/08/00

AREAS TRIBUTARY TO POND 2:

BASIN No.	TOTAL AREA (AC)	AREA DCIA (AC)	AREA NDCIA (AC)	AREA IMPERVIOUS (AC)	AREA PERVIOUS (AC)	0.5" OVER TOTAL AREA (AC-FT)	1.25" OVER IMPERVIOUS AREA (AC-FT)	POLLUTION ABATEMENT VOLUME REQUIRED (AC-FT)
-----------	-----------------	----------------	-----------------	----------------------	--------------------	------------------------------	------------------------------------	---

8-1	1.78	0.16	0.20	0.37	1.41	0.07	0.04	0.148
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Off-1 Post	16.21	0	0	0.00	16.21	0.68	0.00	1.351
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17.99 TOTAL

1.78 FROM DEVELOPMENT

1.499 TOTAL

0.148 FROM DEVELOPMENT

AREAS TRIBUTARY TO POND 3:

BASIN No.	TOTAL AREA (AC)	AREA DCIA (AC)	AREA NDCIA (AC)	AREA IMPERVIOUS (AC)	AREA PERVIOUS (AC)	0.5" OVER TOTAL AREA (AC-FT)	1.25" OVER IMPERVIOUS AREA (AC-FT)	POLLUTION ABATEMENT VOLUME REQUIRED (AC-FT)
-----------	-----------------	----------------	-----------------	----------------------	--------------------	------------------------------	------------------------------------	---

8-2	1.80	0.16	0.20	0.37	1.43	0.08	0.04	0.150
-----	------	------	------	------	------	------	------	-------

1.8

0.150 TOTAL

0.150 FROM DEVELOPMENT

AREAS TRIBUTARY TO POND 4:

BASIN No.	TOTAL AREA (AC)	AREA DCIA (AC)	AREA NDCIA (AC)	AREA IMPERVIOUS (AC)	AREA PERVIOUS (AC)	0.5" OVER TOTAL AREA (AC-FT)	1.25" OVER IMPERVIOUS AREA (AC-FT)	POLLUTION ABATEMENT VOLUME REQUIRED (AC-FT)
-----------	-----------------	----------------	-----------------	----------------------	--------------------	------------------------------	------------------------------------	---

8-3	2.27	0.19	0.23	0.43	1.84	0.09	0.04	0.189
-----	------	------	------	------	------	------	------	-------

2.27

0.189 TOTAL

0.189 FROM DEVELOPMENT

AREAS TRIBUTARY TO POND 5:

BASIN No.	TOTAL AREA (AC)	AREA DCIA (AC)	AREA NDCIA (AC)	AREA IMPERVIOUS (AC)	AREA PERVIOUS (AC)	0.5" OVER TOTAL AREA (AC-FT)	1.25" OVER IMPERVIOUS AREA (AC-FT)	POLLUTION ABATEMENT VOLUME REQUIRED (AC-FT)
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8-5	12.10	2.25	0.93	3.18	8.92	0.50	0.33	1.008
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Pond 5	2.15	0.00	0.00	0.00	2.15	0.09	0.00	0.179
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Off-8 Post	68.38	0.00	0.00	0.00	68.38	2.85	0.00	5.698
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82.63 TOTAL

14.25 FROM DEVELOPMENT

6.886 TOTAL

1.188 FROM DEVELOPMENT

AREAS TRIBUTARY TO POND 6:

BASIN No.	TOTAL AREA (AC)	AREA DCIA (AC)	AREA NDCIA (AC)	AREA IMPERVIOUS (AC)	AREA PERVIOUS (AC)	0.5" OVER TOTAL AREA (AC-FT)	1.25" OVER IMPERVIOUS AREA (AC-FT)	POLLUTION ABATEMENT VOLUME REQUIRED (AC-FT)
-----------	-----------------	----------------	-----------------	----------------------	--------------------	------------------------------	------------------------------------	---

8-4	7.73	2.53	0.62	3.15	4.58	0.32	0.33	0.650
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9-1	23.50	3.97	2.16	6.13	17.37	0.98	0.64	1.958
-----	-------	------	------	------	-------	------	------	-------

10-1	18.15	1.44	0.71	2.15	16.00	0.76	0.22	1.512
------	-------	------	------	------	-------	------	------	-------

Pond 6	10.64	0.00	0.00	0.00	10.64	0.44	0.00	0.887
--------	-------	------	------	------	-------	------	------	-------

Off-2 Post	22.56	0.00	0.00	0.00	22.56	0.94	0.00	1.880
------------	-------	------	------	------	-------	------	------	-------

Off-3 Post	8.50	0.00	0.00	0.00	8.50	0.35	0.00	0.708
------------	------	------	------	------	------	------	------	-------

Off-4 Post	28.38	0.00	0.00	0.00	28.38	1.18	0.00	2.365
------------	-------	------	------	------	-------	------	------	-------

119.46 TOTAL

60.02 FROM DEVELOPMENT

9.961 TOTAL

5.008 FROM DEVELOPMENT

PHASES 8 - 10

18.685 AC-FT TOTAL PAV

6.683 AC-FT FROM DEVELOPMENT

12.002 AC-FT FROM OFFSITE AREAS

8.337 AC-FT FROM PH 5-7

27.022 AC-FT FOR PONDS 2-6

PHASES 5 - 7

TOTAL PAV =

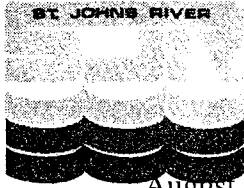
NOTES:

1. AREA OF IMPERVIOUS = DCIA + NDCIA.
2. REQUIRED VOLUME FOR ON-LINE PONDS IS THE GREATER OF:
 - a) 0.5 INCH RUNOFF OVER THE ENTIRE AREA, OR
 - b) 1.25 INCHES RUNOFF OVER THE IMPERVIOUS AREA, BOTH, PLUS 0.5 INCH OVER THE ENTIRE AREA.

Table 5.3

TOTAL POLLUTION ABATEMENT VOLUME

POND NO.	PREVIOUS PAV	PHASES 8-10	TOTAL PAV	PAV IN 72HRS
2	1.17	1.50	2.66	8.19
3	0.68	0.15	0.83	7.66
4	6.50	0.19	6.68	11.96
5	0.00	6.89	6.89	1.59
6	0.00	9.96	9.96	7.15
TOTAL	8.34	18.69	27.02	36.55



August 21, 2000

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TELEPHONE 904-329-4500 1-800-451-7106 SUNCOM 904-860-4500
TDD 904-329-4450 TDD 904-329-4450 TDD SUNCOM 860-4450
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Orlando, Florida 32801
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FAX 407-897-4354
TDD 407-897-5960

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Suite 102
Jacksonville, Florida 32256
904-730-6270
1-800-852-1563
FAX 904-730-6267
TDD 904-448-7900

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1-800-295-3264
FAX 407-722-5357
TDD 407-722-5368

OPERATIONS:
2133 N. Wickham Road
Melbourne, Florida 32935-8109
407-752-3100
TDD 407-752-3102

Certified Mail Number 7000 1670 0000 3793 1154

CPH Engineers, Inc.
Attn.: David E. Mahler, P.E.
1117 N. Robinson Street, Suite C
Orlando, Florida 32801

4-069-19339-4
RECEIVED

NOV 13 2000

PDS
ORLANDO
SJR WMD

RE: Greater Pines, Phase 8-10
Application Number: 4-069-19339-4
(Please reference the above number on any submittal)

Dear Mr. Mahler :

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.

- As per a teleconference with Mr. Mahler on August 11, 2000, the site plan indicates a portion of Lost Lake and its associated wetland is within the project boundaries. The wetland line must be field verified by District staff. However, the survey flags are not present. It was agreed, that once your office obtained the wetland survey, a site visit would be scheduled to ascertain if the line can be field verified based on the survey information. If it cannot be verified by this means, the line will have to be reflagged and verified by District staff. Please contact Barbara Prynosi, Regulatory Scientist, at your earliest convenience to schedule a site visit. [40C-4.301(1)(d, f); 40C-4.302(1)(a) 2,7, F.A.C.]
- It appears that the proposed system will be a single-family residential housing development maintained by Lake County. The submitted agreement between Lake County and the Greater Construction Corporation did not contain Exhibit 'A' and did not indicate that the agreement will remain in perpetuity. Please furnish the omitted material

William Kerr, CHAIRMAN
MELBOURNE BEACH

Ometrias D. Long, VICE CHAIRMAN
APOPKA

Jeff K. Jennings, SECRETARY
MAITLAND

Duane Ottenstroer, TREASURER
SWITZERLAND

Dan Roach
FERNANDINA BEACH

William M. Segal
MAITLAND

Otis Mason
ST. AUGUSTINE

Clay Albright
EAST LAKE WEIR

Reid Hughes
DAYTONA BEACH

and include a description and schedule of maintenance practices for the surface water management system to ensure that the system will function as designed. The documents will be reviewed by staff and you will be notified whether they are acceptable for recording. These draft documents must be accepted prior to permit issuance. [40C-1.181(3); 40C4.301(1)(a)(b)(c)(d)(e)(i); 40C-42.021(16)(17); 40C-42.027(1)(2); 40C-42.028(3), F.A.C.]

3. It appears from the calculations submitted that proposed Pond 5 and Pond 6 will not recover the entire required pollution abatement volume of stormwater runoff within 72 hours following a storm event. Pursuant to Chapter 40C-42.026(1)(c) of the Florida Administrative Code (FAC), please demonstrate that proposed Pond 5 and Pond 6 will recover the entire required pollution abatement volume of stormwater runoff within 72 hours following a storm event. [40C4.301(1)(a)(b)(c)(d)(e)(i); 40C-42.026(1)(c), F.A.C.]
4. The calculations submitted for proposed Pond 5 appear to indicate that proposed Pond 5 will not retain the entire required pollution abatement volume of stormwater runoff (i.e., 6.53 acre-feet) but will only retain 2.19 acre-feet. Please provide revised plans and calculations demonstrating that proposed Pond 5 will retain and recover the entire required pollution abatement volume of stormwater runoff (i.e., 6.53 acre-feet). [40C4.301(1)(a)(b)(c)(d)(e)(i); 40C-42.026(1)(c), F.A.C.]
5. The calculations (page 187) indicate that Basin 8-4 contributes stormwater runoff to Pond 5 and that Basin 8-5 contributes stormwater runoff to Pond 6. The post-development drainage basin map indicates that Basin 8-5 contributes stormwater runoff to Pond 5 and that Basin 8-4 contributes stormwater runoff to Pond 6. Please submit revised calculations demonstrating conformity. Submit any revised plans, as applicable. [40C4.301(1)(a)(b)(c)(d)(e)(i); 40C-42.026(1)(c), F.A.C.]
6. Please clearly delineate on the post-development drainage basin map the area (in acres or square feet) associated with each drainage basin. [40C4.301(1)(a)(b)(c)(d)(e)(i); 40C-42.026(1)(c), F.A.C.]
7. Please clearly label on the plans existing Pond 2, Pond 3, and Pond 4. [40C4.301(1)(a)(b)(c)(d)(e)(i); 40C-42.026(1)(c), F.A.C.]

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.

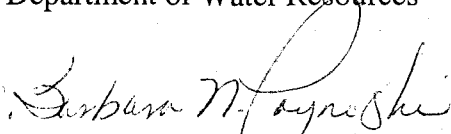
In addition, no construction shall begin on the proposed project until a permit is issued by the St. Johns River Water Management District. This is pursuant to subsection 40C-4.041(1), F.A.C., which states in relevant part, "unless expressly exempt an individual or general environmental resource permit 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 Rick at 407/897-4322 or Barbara at 407/897-4338.

Sincerely,



Rick Ottesen, Review Engineer
Department of Water Resources



Barbara N. Prynoski, Regulatory Scientist
Department of Water Resources

cc: PDS/RAIL, Elizabeth Thomas, ^{RM/ET} Joan B. Budzynski, Elizabeth Johnson

The Greater Construction Company
Attn.: Charles W. Gregg
1105 Kensington Park Drive
Altamonte Springs, Florida 32714

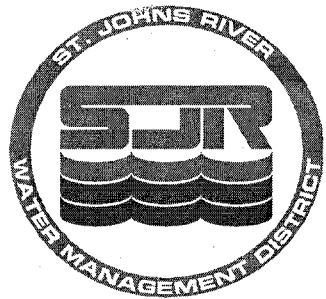
EXHIBIT "A"

Begin at the Northeast corner of Section 33, Township 22 South, Range 26 East, Lake County, Florida: Thence S.00°30'14"E. along the Easterly boundary of said Section 33, and the centerline of Hancock Road (3-1254), a distance of 2537.34 feet to the Southeast corner of the Northeast 1/4 of said Section 33, thence S.89°38'32"W. along the South boundary of the said Northeast 1/4, a distance of 2631.87 feet to the Southeast corner of Tract 28, POSTAL COLONY COMPANY plat of Section 33, Township 22 South, Range 26 East, as recorded in Plat Book 9, Page 65, Public Records of Lake County, Florida; thence N00°10'04"W. along the Easterly boundary of said Tract 28, a distance of 621.58 feet to the Northeast corner of said Tract 28; thence N.89°45'31"W. along the North boundary of said Tract 28, a distance of 14.58 feet to a point on the Westerly boundary of the Northeast 1/4 of said Section 33; thence N00°34'43"W. along said Westerly boundary, a distance of 7.37 feet to the Southeast corner of the Northeast 1/4 of the Southeast 1/4 of the Northwest 1/4 of said Section 33; thence S.89°35'58"W. along the Southerly boundary of said Northeast 1/4 of the Southeast 1/4 of the Northwest 1/4, a distance of 657.69 feet to the Southwest corner of said Northeast 1/4 of the Southeast 1/4 of the Northwest 1/4; thence N00°29'46"W. along the Westerly boundary of said Northeast 1/4 of the Southeast 1/4 of the Northwest 1/4, a distance of 628.61 feet to the South boundary of Tract 11, said POSTAL COLONY Subdivision; thence N89°33'22"E. along the said South boundary, a distance of 13.82 feet to the Southeast corner of said Tract 11; thence N00°09'47"W. along the East boundary of said Tract 11, a distance of 622.37 feet to the Northeast corner of said Tract 11; thence S.89°38'33"W. along the North boundary of said Tract 11, a distance of 662.06 feet to the Northwest corner of said Tract 11; thence N.00°09'31"W. 114.45 feet; thence S89°52'13"W. 667.54 feet to a point on the Westerly boundary of the Northeast 1/4 of the Northwest 1/4 of the Northwest 1/4 of Section 33; thence N.00°19'37"W. along said Westerly boundary, a distance of 513.76 feet to the Southwest corner of Tract 58, LAKE HIGHLAND'S COMPANY plat of Section 28, Township 22 South, Range 26 East, recorded in Plat Book 2, Page 28, Public Records of Lake County, Florida; thence N.89°28'09"E. along the Southerly boundary of said Tract 58, a distance of 50.38 feet; thence departing said Southerly boundary, run N.32°54'34"E. 42.44 feet; thence N.83°01'03"E. 269.90 feet; thence N.57°04'33"E. 165.20 feet; thence N.13°02'57"W. 114.60 feet thence N.02°37'57"W. 93.00 feet; thence N. 00°27'33"E. 304.26 feet to the Southerly boundary of Tract 55, said LAKE HIGHLAND'S COMPANY Plat; thence N.89°27'04"E. along the Southerly boundary of Tracts 55, 54 and 53, said LAKE HIGHLAND'S COMPANY Plat, a distance of 1514.72 feet to the Southwest corner of Tract 52, said LAKE HIGHLAND'S COMPANY Plat; thence N.89°14'42"E. along the Southerly boundary of Tracts 52 and 51, said LAKE HIGHLAND'S COMPANY Plat, a distance of 1321.15

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 4-069-19339-4
 PDS
 ORLANDO
 SJR WMD

feet to the Southeast corner of Tract 51; thence N.00°03'14"E. along the East boundary of Tracts 51 and 46, said LAKE HIGHLAND'S COMPANY Plat, a distance of 1324.99 feet to the Southwest corner of Tract 34, said LAKE HIGHLAND'S COMPANY Plat; thence N.89°21'27"E. along the Southerly boundary of Tracts 34 and 33, said LAKE HIGHLAND'S COMPANY Plat, a distance of 1318.20 feet to the Southeast corner of said Tract 33, and a point on the Easterly boundary of the aforesaid Section 28 and the centerline of Hancock Road (3-1254); thence S.00°04'23"E. along said Easterly boundary of Section 28 and the centerline of said Hancock Road, a distance of 1983.54 feet to the Point of Beginning.

Subject to a 25 foot right-of-way along the East boundary for Hancock Road, recorded in Official Records Book 474, Page 999, Lake County, Florida.



Resource Management Routing Sheet

Application Number: 4-069-19339-4

Date Issued:

Date Mail Processed: 8/24/2000 *Date Mail Received:* 8/21/2000

Applicant:

Project Name:

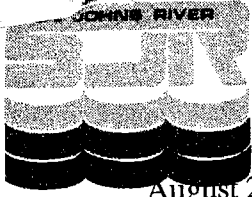
Mail Type: RAI LETTER

Mail Routed to :

Comments:

Data Capture Person: Shirlee Arrowood

Signature: _____ *Thursday, August 24, 2000*



**WATER
MANAGEMENT
DISTRICT**

August 21, 2000

POST OFFICE BOX 1429

TELEPHONE 904-329-4500 1-800-451-7106 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

PALATKA, FLORIDA 32178-1429

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Orlando, Florida 32801
407-897-4300
1-877-228-1658
FAX 407-897-4354
TDD 407-897-5960

7775 Baymeadows Way
Suite 102
Jacksonville, Florida 32256
904-730-6270
1-800-852-1563
FAX 904-730-6267
TDD 904-448-7900

PERMITTING:
305 East Drive
Melbourne, Florida 32904
407-984-4940
1-800-295-3264
FAX 407-722-5357
TDD 407-722-5368

OPERATIONS:
2133 N. Wickham Road
Melbourne, Florida 32935-8109
407-752-3100
TDD 407-752-3102

Certified Mail Number 7000 1670 0000 3793 1154

CPH Engineers, Inc.
Attn.: David E. Mahler, P.E.
1117 N. Robinson Street, Suite C
Orlando, Florida 32801

RE: Greater Pines, Phase 8-10
Application Number: 4-069-19339-4
(Please reference the above number on any submittal)

Dear Mr. Mahler :

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.

1. As per a teleconference with Mr. Mahler on August 11, 2000, the site plan indicates a portion of Lost Lake and its associated wetland is within the project boundaries. The wetland line must be field verified by District staff. However, the survey flags are not present. It was agreed, that once your office obtained the wetland survey, a site visit would be scheduled to ascertain if the line can be field verified based on the survey information. If it cannot be verified by this means, the line will have to be reflagged and verified by District staff. Please contact Barbara Prynosi, Regulatory Scientist, at your earliest convenience to schedule a site visit. [40C-4.301(1)(d, f); 40C-4.302(1)(a) 2,7, F.A.C.]
2. It appears that the proposed system will be a single-family residential housing development maintained by Lake County. The submitted agreement between Lake County and the Greater Construction Corporation did not contain Exhibit 'A' and did not indicate that the agreement will remain in perpetuity. Please furnish the omitted material

William Kerr, CHAIRMAN
MELBOURNE BEACH

Ometrias D. Long, VICE CHAIRMAN
APOPKA

Jeff K. Jennings, SECRETARY
MAITLAND

Duane Ottenstroer, TREASURER
SWITZERLAND

Dan Roach
FERNANDINA BEACH

William M. Segal
MAITLAND

Otis Mason
ST. AUGUSTINE

Clay Albright
EAST LAKE WEIR

Reid Hughes
DAYTONA BEACH

and include a description and schedule of maintenance practices for the surface water management system to ensure that the system will function as designed. The documents will be reviewed by staff and you will be notified whether they are acceptable for recording. These draft documents must be accepted prior to permit issuance. [40C-1.181(3); 40C4.301(1)(a)(b)(c)(d)(e)(i); 40C-42.021(16)(17); 40C-42.027(1)(2); 40C-42.028(3), F.A.C.]

3. It appears from the calculations submitted that proposed Pond 5 and Pond 6 will not recover the entire required pollution abatement volume of stormwater runoff within 72 hours following a storm event. Pursuant to Chapter 40C-42.026(1)(c) of the Florida Administrative Code (FAC), please demonstrate that proposed Pond 5 and Pond 6 will recover the entire required pollution abatement volume of stormwater runoff within 72 hours following a storm event. [40C4.301(1)(a)(b)(c)(d)(e)(i); 40C-42.026(1)(c), F.A.C.]
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7. Please clearly label on the plans existing Pond 2, Pond 3, and Pond 4. [40C4.301(1)(a)(b)(c)(d)(e)(i); 40C-42.026(1)(c), F.A.C.]

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David Mahler, P.E.

August 22, 2000

Page 3

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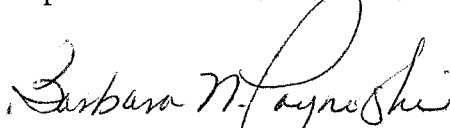
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If you have any questions, please do not hesitate to call me at Rick at 407/897-4322 or Barbara at 407/897-4338.

Sincerely,



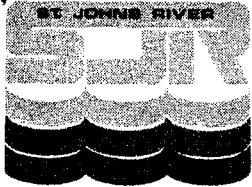
Rick Ottesen, Review Engineer
Department of Water Resources



Barbara N. Prynoski, Regulatory Scientist
Department of Water Resources

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

The Greater Construction Company
Attn.: Charles W. Gregg
1105 Kensington Park Drive
Altamonte Springs, Florida 32714



**WATER
MANAGEMENT
DISTRICT**

LDC

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

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(Legal) 329-4485

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SUNCOM 904-880-4500

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(Permitting) 329-4315 (Administration/Finance) 329-4508

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Jacksonville, Florida 32256
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1-800-852-1563
FAX 904-730-6267
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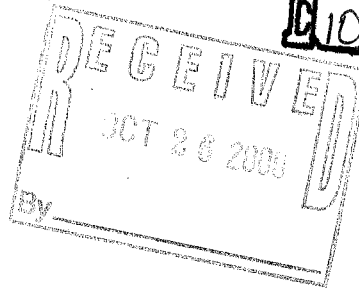
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Melbourne, Florida 32904
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FAX 407-722-5357
TDD 407-722-5368

OPERATIONS:
2133 N. Wickham Road
Melbourne, Florida 32935-8109
407-752-3100
TDD 407-752-3102

October 25, 2000

David E. Mahler
CPH Engineers, Inc.
1117 East Robinson Street
Orlando, Florida 32801

(19339)



Re: Greater Pines; 4-069-0276AM3-ERP

Dear Mr. Mahler:

Per our conversation of yesterday, I have tried to contact Mr. Fred Schneider (sp?) regarding obtaining a letter from Lake County evidencing their intent to accept the operation and maintenance responsibilities for the stormwater system for the above-referenced project once construction is completed. I was told that Mr. Schneider is out of town for the week; however, I was able to speak to a Phyllis in that same office. She asked me to fax to her sample language that the District would find acceptable regarding the County's intent to assume the operation and maintenance responsibility for the system and I have done that. I am now awaiting the requested letter from Lake County.

I will contact you once I receive the information from Lake County. However, in the meantime, you may wish to contact Lake County's engineering office yourself.

Please do not hesitate to call me at (904) 329-4390 if you have any questions. Thank you very much.

Sincerely,

Kris H. Davis
Assistant General Counsel
Office of General Counsel

KHD/kp

cc: David Dewey, Rick Ottesen, William Carlie, PDS Pal/Orl

William Kerr, CHAIRMAN
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