

## **BOARD APPOINTMENT SUMMARY**

## I. EXECUTIVE BRIEF

### New Appointments:

AND

**Attachments:**

- Richard E. Umbelby 2/21/08  
Department Director Date

Mark Fey 2/21/08  
Assistant County Attorney Date

Attachment 1

**Section 7      Groundwater and Natural Resources Protection Board**

**A. Establishment**

There is hereby established a Groundwater and Natural Resource Protection Board (GNRPB).

**B. Powers and Duties**

The GNRPB shall have the following powers and duties:

1. to hold hearings as necessary to enforce Art. 14, Environmental Standards, if there has been a failure to correct a violation within the time specified by the Code Inspector, if the violation has been repeated, or is of such a nature that it cannot be corrected;
2. to adopt rules of procedure for the conduct of hearings;
3. to issue subpoenas compelling the presence of persons at Board hearings. Subpoenas may be served by the PBC Sheriff's Department, or other authorized persons consistent with Florida Law;
4. to issue subpoenas compelling the provision of evidence at GNRPB hearings;
5. to take testimony under oath;
6. to issue orders having the force of law commanding whatever steps are necessary to achieve compliance with the violation of Art. 14, Environmental Standards;
7. to lien property; and
8. to assess administrative fines and costs pursuant to Art. 14, Environmental Standards.

**C. Board Membership**

**1. Qualifications**

The GNRPB shall be composed of seven members appointed by the BCC. The membership of the Board shall consist of a professional engineer registered by the State of Florida, an attorney licensed to practice in Florida, a hydrologist, a citizen possessing expertise and experience in managing a business, a biologist or a chemist, concerned citizen and a member of an environmental organization.

**2. Terms of Office**

All members shall serve a term of three years. All members serving on the GNRPB on the effective date of this Code shall complete their terms according to their prior appointments.

**D. Secretary and Staff**

The Director of ERM shall serve as Secretary of the GNRPB. ERM shall be the professional staff of the GNRPB.

**E. Meetings**

**1. General**

General meetings of the GNRPB shall be held no more frequently than once every month. Special meetings may be called by the Chair of the GNRPB, or in writing by a majority of the members of the Board. Staff shall provide 24-hour written notice to each Board member prior to a special meeting.

I. AUTHORITY: Unified Land Development Code (ULDC), Section 4.13; amended by the Unified Land Development Code (ULDC), Article 17, Section 7, adopted on December 4, 2003.

II. APPOINTING AUTHORITY:

Board of County Commissioners (BCC)

III. COMPOSITION, QUALIFICATIONS, TERMS & REMOVAL:

The Board shall be comprised of seven (7) members appointed by the BCC. Membership shall be as follows: 1) a professional engineer registered by the State of Florida; 2) an attorney licensed to practice in Florida; 3) a hydrologist; 4) a citizen possessing expertise and experience in managing a business; 5) a biologist or chemist; 6) concerned citizen; and 7) a member of an environmental organization.

All members shall serve three (3) year terms. All members serving on the GNRPB on the effective date of this Code shall complete their terms according to their prior appointments.

IV. MEETINGS:

Meetings shall be held no more frequently than once every month. Special meetings may be called by the Chair or in writing by a majority of the members of the Board. Staff shall provide twenty-four (24) hour written notice to each Board member prior to a special meeting.

V. FUNCTIONS:

The GNRPB shall have the following powers and duties:

1. to hold hearings as necessary to enforce Article 14, Environmental Standards, if there has been a failure to correct a violation within the time specified by the Code Inspector, if the violation has been repeated, or is of such a nature that it cannot be corrected; 2) to adopt rules of procedure for the conduct of hearings; 3) to issue subpoenas compelling the provision of evidence at Board hearings. Subpoenas may be served by the PBC Sheriff's Department, or other authorized persons consistent with Florida Law; 4) to issue subpoenas compelling the provision of evidence at GNRPB hearings; 5) to take testimony under oath; 6) to issue orders having the force of law commanding whatever steps are necessary to achieve compliance with the violation of Article 14 of the Environmental Standards; 7) to lien property and 8) to assess administrative fines and costs pursuant to Article 14, Environmental Standards.

VI. LIAISON DEPARTMENT:

Environmental Resources Management

VII. CONTACT PERSON:

Bonnie Finneran  
2300 N. Jog Road, 4th Floor  
West Palm Beach, FL 33411  
(561) 233-2525

Attachment 2

12/20/2007

(specbrd3)

## GROUNDWATER &amp; NATURAL RESOURCES PROTECTION

Page 1

## ADVISORY BOARD MEMBERS

SEAT ID	CURRENT MEMBER	RACE CODE	BUSINESS/ HOME PHONE	REQUIREMENT	APPOINT DATE	RE-APPT DATE	EXPIRE DATE
<b>APPOINTED BY: At Large</b>							
1	Robert W. Higgins, P.E. Higgins Engineering, Inc. 4623 Forest Hill Blvd., #114 West Palm Beach, FL 33415	WM	( ) - (561) 439-7807	Professional Engineer	04/05/2005	04/05/2005	04/04/2008
2	John F. Flanigan, Esquire Moyle, Flanigan, Katz, Fitzgerald & Sheehan, P.A. 625 North Flagler Dr., 9th Fl West Palm Beach, FL 33401	WM	(561) 659-7500 ( ) -	Attorney	08/01/2006	08/01/2006	07/31/2009
3	Leah Schad 3701 No. Flagler Drive West Palm Beach, FL 33407	WF	( ) (561) 848-9984	Environmental Group	04/05/2005	04/05/2005	04/04/2008
4	Vacant  FL	UN	( ) ( )	Chemist	/ /	/ /	07/30/2010
5	James L. Anderson 5307 Pennock Point Road Jupiter, FL 33458	WM	(561) 746-0228 ( ) -	Citizen of PBC	10/02/2007	/ /	02/24/2010
6	Jonathan E. Shaw, P.G. Golder Associates, Inc. 6420 Congress Ave., Ste. 2000 Boca Raton, FL 33487	WM	(561) 994-9910 ( ) -	Hydrogeologist	08/01/2005	08/01/2005	07/31/2008
7	Beth R. Kigel 6379 C - Durham Drive Lake Worth, FL 33467	WF	(561) 726-3208 (561) 966-5907	Business Person	08/01/2005	/ /	07/31/2008


# GROUNDWATER AND NATURAL RESOURCES PROTECTION BOARD - BOARD MEMBER ATTENDANCE INFORMATION

MEMBER NAME	Seat No. 5 FRANK DEERING	Seat No. 2 JOHN FLANIGAN	Seat No. 1 ROBERT HIGGINS	Seat No. 4 JOEL KAPLOVSKY	Seat No. 7 WARREN RESEN	Seat No. 3 LEAH SCHAD	Seat No. 6 JONATHAN SHAW	COUNTY ATTORNEY	SIGNED MINUTES	MEETING TIME	
										Start	End
MEMBER SINCE	02/26/1992	08/23/1988	08/23/1988		09/01/1993	02/02/1990	08/23/1988				
TERM STARTS	08/18/1995	07/31/1997	04/06/1999		09/21/1996		07/31/1990				
TERM EXPIRES	08/17/1998	07/31/2000	04/06/2002		07/31/1999		07/31/1993				
CHAIR/VICE			VICE CHAIR			CHAIR					
01/30/1997	MEETING CANCELED - CASE RESOLVED										
05/29/1997	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dawn Wynn	Schad	9:09 AM	10:11 AM
07/31/1997	MEETING CANCELED - CASE RESOLVED										
09/25/1997	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	Lenny Berger		1:32 PM	3:05 PM
11/20/1997	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dawn Wynn	Schad	1:35 PM	5:10 PM
12/09/1997	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dawn Wynn	Schad	9:03 AM	9:58 AM
MEMBER NAME	Seat No. 5 FRANK DEERING	Seat No. 2 JOHN FLANIGAN	Seat No. 1 ROBERT HIGGINS	Seat No. 4 ALEX MARSH	Seat No. 7 WARREN RESEN	Seat No. 3 LEAH SCHAD	Seat No. 6 JONATHAN SHAW	COUNTY ATTORNEY	SIGNED MINUTES	MEETING TIME	
										Start	End
MEMBER SINCE	02/26/1992	08/23/1988	08/23/1988	08/18/1998	09/01/1993	02/02/1990	08/23/1988				
TERM STARTS	08/18/1998	07/31/1997	04/06/1999	08/18/1998	09/21/1993	04/06/1999	07/31/1990				
TERM EXPIRES	02/25/2001	07/31/2000	04/06/2002	07/30/2001	07/31/1999	04/06/2002	07/31/1999				
CHAIR/VICE			VICE CHAIR			CHAIR					
07/30/1998	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/F	N/F	N/F	N/F
09/24/1998	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dawn Wynn	Schad	1:59 PM	3:05 PM
11/17/1998	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/F	N/F	1:35 PM	2:48 PM
CHAIR/VICE			VICE CHAIR			CHAIR					
01/28/1999	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dawn Wynn	Schad	1:32 PM	3:32 PM
03/25/1999	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	Dawn Wynn	Schad	1:35 PM	3:33 PM
05/27/1999	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dawn Wynn	Schad	1:35 PM	2:45 PM
07/29/1999	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dawn Wynn Cindy Bortman	Schad	1:31 PM	3:51 PM
09/30/1999	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dawn Wynn Cindy Bortman	Schad	1:33 PM	3:10 PM
11/18/1999	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dawn Wynn	Schad	1:50 PM	4:08 PM
12/09/1999	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dawn Wynn	Schad	1:35 PM	2:35 PM

MEMBER NAME	Seat No. 5 FRANK DEERING	Seat No. 2 JOHN FLANIGAN	Seat No. 1 ROBERT HIGGINS	Seat No. 4 ALEX MARSH	Seat No. 7 WARREN RESEN	Seat No. 3 LEAH SCHAD	Seat No. 6 JONATHAN SHAW	COUNTY ATTORNEY	SIGNED MINUTES	MEETING TIME	
										START	END
MEMBER SINCE	02/26/1992	08/23/1988	08/23/1988	08/18/1998	09/01/1993	02/02/1990	08/23/1988				
TERM STARTS	08/18/1998	07/31/1997	04/06/1999	08/18/1998	08/01/1999	04/06/1999	08/01/1999				
TERM EXPIRES	02/25/2001	07/31/2000	04/06/2002	07/30/2001	07/31/2002	04/06/2002	07/31/2002				
CHAIR/VICE			VICE CHAIR			CHAIR					
01/27/2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	Dawn Wynn	Schad	1:33 PM	2:55 PM
03/29/2000	MEETING CANCELED - NO QUORUM										
05/25/2000	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dawn Wynn	Schad	1:32 PM	3:04 PM
07/27/2000		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	Dawn Wynn	Schad	1:35 PM	3:35 PM
09/28/2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dawn Wynn	Schad	1:40 PM	3:25 PM
11/30/2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dawn Wynn	Higgins	1:35 PM	
MEMBER NAME	Seat No. 5 FRANK DEERING	Seat No. 2 JOHN FLANIGAN	Seat No. 1 ROBERT HIGGINS	Seat No. 4 ALEX MARSH	Seat No. 7 WARREN RESEN	Seat No. 3 LEAH SCHAD	Seat No. 6 JONATHAN SHAW	COUNTY ATTORNEY	SIGNED MINUTES	MEETING TIME	
										START	END
MEMBER SINCE	02/26/1992	08/23/1988	08/23/1988	08/18/1998	09/01/1993	02/02/1990	08/23/1988				
TERM STARTS	08/18/1998	08/01/2000	04/06/1999	08/18/1998	08/01/1999	04/06/1999	08/01/1999				
TERM EXPIRES	02/25/2001	07/31/2003	04/06/2002	07/30/2001	07/31/2002	04/06/2002	07/31/2002				
CHAIR/VICE			CHAIR		VICE CHAIR						
01/25/2001	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	Dawn Wynn	Schad	1:34 PM	3:45 PM
03/29/2001	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Dawn Wynn	Higgins	1:33 PM	3:47 PM
05/31/2001	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dawn Wynn	N/A	1:37 PM	3:30 PM
07/26/2001	MEETING DATE CHANGED TO 08/09/2001										
08/09/2001	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Dawn Wynn	N/A	1:35 PM	3:02 PM
10/04/2001	MEETING CANCELED - NO QUORUM										
11/29/2001	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	Dawn Wynn Amy Petrick	Higgins	1:36 PM	3:10 PM
CHAIR/VICE			CHAIR		VICE CHAIR						
01/31/2002	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Amy Petrick	Higgins	1:37 PM	2:56 PM
04/04/2002	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E RESIGNED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Amy Petrick	Higgins	1:35 PM	3:14 PM
09/26/2002	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	VACANT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Nancy Dolan Amy Petrick	Higgins	1:33 PM	3:54 PM

MEMBER NAME	Seat No. 5 FRANK DEERING	Seat No. 2 JOHN FLANIGAN	Seat No. 1 ROBERT HIGGINS	Seat No. 4 ALEX MARSH	Seat No. 7 GENE SCHRINER	Seat No. 3 LEAH SCHAD	Seat No. 6 JONATHAN SHAW	COUNTY ATTORNEY	SIGNED MINUTES	MEETING TIME	
										START	END
MEMBER SINCE	02/26/1992	08/23/1988	08/23/1988	08/18/1998	08/01/2002	02/02/1990	08/23/1988				
TERM STARTS	04/06/2002	08/01/2000	04/06/1999	07/31/2001	08/01/2002	04/06/2002	08/01/2002				
TERM EXPIRES	04/05/2005	07/31/2003	04/06/2002	07/30/2004	07/31/2005	04/05/2005	07/31/2005				
CHAIR/VICE			CHAIR				VICE CHAIR				
05/30/2002	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	Amy Petrick	Higgins	1:35 PM	4:14 PM
07/18/2002	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	Amy Petrick	Higgins	1:35 PM	3:14 PM
11/21/2002	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Nancy Dolan	Higgins	1:36 PM	3:54 PM
CHAIR/VICE						CHAIR	VICE CHAIR				
01/30/2003	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Nancy Dolan Anne Helfant	Higgins	1:32 PM	4:41 PM
03/27/2003	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Nancy Dolan Anne Helfant	Schad	1:40 PM	3:30 PM
05/29/2003	MEETINGS CANCELED - NO QUORUM										
07/31/2003	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	Dawn Wynn	Schad	1:31 PM	3:46 PM
09/25/2003	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dawn Wynn	Schad	1:38 PM	4:08 PM
11/20/2003	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dawn Wynn	Schad	1:31 PM	2:46 PM
MEMBER NAME	Seat No. 5 FRANK DEERING	Seat No. 2 JOHN FLANIGAN	Seat No. 1 ROBERT HIGGINS	Seat No. 4 ALEX MARSH	Seat No. 7 GENE SCHRINER	Seat No. 3 LEAH SCHAD	Seat No. 6 JONATHAN SHAW	COUNTY ATTORNEY	SIGNED MINUTES	MEETING TIME	
										START	END
MEMBER SINCE	02/26/1992	08/23/1988	08/23/1988	08/18/1998	08/01/2002	02/02/1990	08/23/1988				
TERM STARTS	02/25/2004	08/01/2003	04/06/1999	07/31/2001	08/01/2002	04/06/2002	08/01/1999				
TERM EXPIRES	02/25/2007	07/31/2006	04/06/2002	07/30/2004	07/31/2005	04/05/2005	07/31/2002				
CHAIR/VICE						CHAIR	VICE CHAIR				
01/22/2004	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Nancy Dolan Anne Helfant	Schad	1:30 PM	3:39 PM
03/25/2004	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	Gentry Benjamin	Shaw	1:30 PM	3:12 PM
05/20/2004	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dawn Wynn	Schad	1:35 PM	N/F
07/22/2004		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Anne Helfant	Schad	1:34 PM	4:40 PM
09/30/2004	MEETING CANCELED - HURRICANE JEANNE										
10/07/2004	MEETING CANCELED - HURRICANE JEANNE/FRANCIS DAMAGE										
11/18/2004	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	Anne Helfant	Schad	1:32 PM	4:18 PM



MEMBER NAME	Seat No. 5 FRANK DEERING	Seat No. 2 JOHN FLANIGAN	Seat No. 1 ROBERT HIGGINS	Seat No. 4 TED SENTGEORGE	Seat No. 7 GENE SCHRINER	Seat No. 3 LEAH SCHAD	Seat No. 6 JONATHAN SHAW	COUNTY ATTORNEY	SIGNED MINUTES	MEETING TIME	
										START	END
MEMBER SINCE	02/26/1992	08/23/1988	08/23/1988	07/31/2004	08/01/2002	02/02/1990	08/23/1988				
TERM STARTS	02/25/2004	08/01/2003	04/06/1999	07/31/2004	08/01/2002	04/05/2005	08/01/1999				
TERM EXPIRES	02/25/2007	07/31/2006	04/06/2002	07/30/2007	07/31/2005	04/04/2008	07/31/2002				
CHAIR/VICE				VICE CHAIR			CHAIR				
02/03/2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dawn Wynn	Schad	1:30 PM	3:47 PM
03/24/2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dawn Wynn	Shaw	1:34 PM	2:27 PM
04/07/2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dawn Wynn	Shaw	1:32 PM	3:00 PM
05/26/2005	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	Dawn Wynn	Sentgeorge	1:34 PM	3:00 PM
08/04/2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E RESIGNED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Shannon Fox Anne Helfant Dawn Wynn	Shaw	1:35 PM	4:05 PM
MEMBER NAME	Seat No. 5 FRANK DEERING	Seat No. 2 JOHN FLANIGAN	Seat No. 1 ROBERT HIGGINS	Seat No. 4 TED SENTGEORGE	Seat No. 7 BETH TUSA	Seat No. 3 LEAH SCHAD	Seat No. 6 JONATHAN SHAW	COUNTY ATTORNEY	SIGNED MINUTES	MEETING TIME	
										START	END
MEMBER SINCE	02/26/1992	08/23/1988	08/23/1988	07/31/2004	09/27/2005	02/02/1990	08/23/1988				
TERM STARTS	02/25/2004	08/01/2003	04/06/1999	07/31/2004	09/27/2005	04/05/2005	08/01/1999				
TERM EXPIRES	02/25/2007	07/31/2006	04/06/2002	07/30/2007	09/26/2008	04/04/2008	07/31/2002				
CHAIR/VICE				VICE CHAIR			CHAIR				
09/29/2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> RESIGNED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Shannon Fox Dawn Wynn	Shaw	1:35 PM	4:05 PM
11/17/2005	MEETING CANCELLED DUE TO HURRICANE WILMA (POWER OUTAGES)										
MEMBER NAME	Seat No. 4 CYNTHIA BARLOW	Seat No. 5 FRANK DEERING	Seat No. 2 JOHN FLANIGAN	Seat No. 1 ROBERT HIGGINS	Seat No. 3 LEAH SCHAD	Seat No. 6 JON SHAW	Seat No. 7 BETH TUSA	COUNTY ATTORNEY	SIGNED MINUTES	MEETING TIME	
										START	END
MEMBER SINCE	12/06/2005	02/26/1992	08/23/1988	08/23/1988	02/02/1990	08/23/1988	09/27/2005				
TERM STARTS	12/06/2005	02/25/2004	08/01/2006	04/05/2005	04/05/2005	08/01/2002	09/27/2005				
TERM EXPIRES	07/30/2007	02/25/2007	07/31/2009	04/04/2008	04/04/2008	07/31/2005	09/26/2008				
CHAIR/VICE						CHAIR					
12/08/2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	Shannon Fox Dawn Wynn	Shaw	1:35 PM	2:47 PM



MEMBER NAME	Seat No. 4 CYNTHIA BARLOW	Seat No. 5 FRANK DEERING	Seat No. 2 JOHN FLANIGAN	Seat No. 1 ROBERT HIGGINS	Seat No. 7 BETH KIGEL	Seat No. 3 LEAH SCHAD	Seat No. 6 JON SHAW	COUNTY ATTORNEY	SIGNED MINUTES	MEETING TIME	
										START	END
MEMBER SINCE	12/06/2005	02/26/1992	08/23/1988	08/23/1988	09/27/2005	02/02/1990	08/23/1988				
TERM STARTS	12/06/2005	02/25/2004	08/01/2006	04/05/2005	09/27/2005	04/05/2005	07/31/2005				
TERM EXPIRES	07/30/2007	02/25/2007	07/31/2009	04/04/2008	09/26/2008	04/04/2008	07/31/2008				
CHAIR/VICE					VICE		CHAIR				
01/26/2006	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Shannon Fox Anne Helfant	Shaw	1:31 PM	3:21 PM
03/30/2006	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Shannon Fox Dawn Wynn	Shaw	1:30 PM	2:39 PM
05/18/2006		<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Shannon Fox Dawn Wynn	Shaw	1:36 PM	3:12 PM
07/20/2006	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dawn Wynn	Shaw	1:55 PM	2:41 PM
09/21/2006		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Dawn Wynn	Shaw	1:35 PM	3:29 PM
11/30/2006		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Shannon Fox Dawn Wynn	Shaw	1:38 PM	3:15 PM
MEMBER NAME	Seat No. 4 CYNTHIA BARLOW	Seat No. 5 FRANK DEERING	Seat No. 2 JOHN FLANIGAN	Seat No. 1 ROBERT HIGGINS	Seat No. 7 BETH KIGEL	Seat No. 3 LEAH SCHAD	Seat No. 6 JON SHAW	COUNTY ATTORNEY	SIGNED MINUTES	MEETING TIME	
										START	END
Voting Conflicts											
MEMBER SINCE	12/06/2005	02/26/1992	08/23/1988	08/23/1988	09/27/2005	02/02/1990	08/23/1988				
TERM STARTS	12/06/2005	02/25/2007	08/01/2006	04/05/2005	09/27/2005	04/05/2005	07/31/2005				
TERM EXPIRES	07/30/2007	02/24/2010	07/31/2009	04/04/2008	09/26/2008	04/04/2008	07/31/2008				
CHAIR/VICE					CHAIR	VICE					
01/25/2007	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Shannon Fox Anne Helfant	Shaw	1:36 PM	2:38 PM
03/22/2007	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Shannon Fox Dawn Wynn	Kigel	1:33 PM	2:16 PM
05/17/2007	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Shannon Fox Dawn Wynn	Kigel	1:41 PM	2:07 PM
07/19/2007	MEETING CANCELED - NO QUORUM										
09/20/2007	<input checked="" type="checkbox"/> P	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> P	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Shannon Fox Dawn Wynn	Kigel	1:51 PM	2:51 PM

P – Planned Absence

U – Unplanned Absence

[illegible]

**PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS  
BOARD APPOINTMENT INFORMATION FORM**

**Part I:**

Board Name: Groundwater and Natural Resources Protection Board

Appointment: At Large ☒ Town ☐ or Industry ☐

Seat # 1 Special Requirements of the Seat: Professional Engineer

\*Reappointment ☐ or New Appointment ☒

or ☐ to complete the term of \_\_\_\_\_

due to: ☐ resignation ☐ other \_\_\_\_\_

Completion of term to expire on: \_\_\_\_\_

Term of Appointment: 3 years. From April 15, 2008 To April 12, 2011

**Part II: APPLICANT, UNLESS EXEMPTED, MUST BE A COUNTY RESIDENT**

Name: William Paisley Snow

Occupation/Affiliation: Professional Engineer

Business Name: Boyle Engineering Corporation

Business Address: 2090 Palm Beach Lakes Blvd, Suite 600

City & State: West Palm Beach, Florida Zip Code: 33409

Residence Address: 90 SW 11<sup>th</sup> Avenue

City & State: Boca Raton, Florida Zip Code: 33486

Home Phone: 561-393-6512 Business Phone: 561-684-3375 Ext. 219

Mailing Address preference: ☒ Business Address ☐ Residence Address or ☐ Other:

\_\_\_\_\_  
\_\_\_\_\_

**Minority Identification Code:**

- |  |   |
|--|---|
| <input type="checkbox"/> IF (American Indian Female) | <input type="checkbox"/> IM (American Indian Male)  |
| <input type="checkbox"/> AF (Asian Female)           | <input type="checkbox"/> AM (Asian Male)            |
| <input type="checkbox"/> BF (Black Female)           | <input type="checkbox"/> BM (Black Male)            |
| <input type="checkbox"/> HF (Hispanic Female)        | <input type="checkbox"/> HM (Hispanic Male)         |
| <input type="checkbox"/> WF (White Female)           | <input checked="" type="checkbox"/> WM (White Male) |

**Part III: COMMISSIONER COMMENTS:**

Appointment to be made at BCC Meeting on: April 1, 2008

**\*\*When a person is being considered for reappointment, the number and nature of previously disclosed voting conflicts shall be considered by the Board of County Commissioners.**

\_\_\_\_ Number of previously disclosed voting conflicts.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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**PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS  
BOARD APPOINTMENT INFORMATION FORM**

**Part I:**

Board Name: Groundwater and Natural Resources Protection Board

Appointment: At Large ☒ Town ☐ or Industry ☐

Seat # 3 Special Requirements of the Seat: Member of an Environmental Organization

\*Reappointment ☐ or New Appointment ☒

or ☐ to complete the term of \_\_\_\_\_

due to: ☐ resignation ☐ other \_\_\_\_\_

Completion of term to expire on: \_\_\_\_\_

Term of Appointment: 3 years. From April 15, 2008 To April 12, 2011

**Part II:      APPLICANT, UNLESS EXEMPTED, MUST BE A COUNTY RESIDENT**

Name: Pamela L. Pannozzo

Occupation/Affiliation: Associate Professor of Biological Sciences

Business Name: Palm Beach Community College

Business Address: 4200 Congress Avenue

City & State: Lake Worth, Florida Zip Code: 33461

Residence Address: 8649 Rosalie Court

City & State: Boynton Beach, Florida Zip Code: 33472

Home Phone: 561-374-5129 Business Phone: 561-868-3354

Mailing Address preference: ☐ Business Address ☒ Residence Address or ☐ Other:

**Minority Identification Code:**

- |   |  |
|---|--|
| <input type="checkbox"/> IF (American Indian Female)  | <input type="checkbox"/> IM (American Indian Male) |
| <input type="checkbox"/> AF (Asian Female)            | <input type="checkbox"/> AM (Asian Male)           |
| <input type="checkbox"/> BF (Black Female)            | <input type="checkbox"/> BM (Black Male)           |
| <input type="checkbox"/> HF (Hispanic Female)         | <input type="checkbox"/> HM (Hispanic Male)        |
| <input checked="" type="checkbox"/> WF (White Female) | <input type="checkbox"/> WM (White Male)           |

**Part III:      COMMISSIONER COMMENTS:**

Appointment to be made at BCC Meeting on: April 1, 2008

**\*\*When a person is being considered for reappointment, the number and nature of previously disclosed voting conflicts shall be considered by the Board of County Commissioners.**

\_\_\_\_ Number of previously disclosed voting conflicts.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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**WILLIAM P. SNOW, P.E.**  
Principal Engineer

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**EDUCATION:** Bachelor of Engineering, 1969  
Vanderbilt University, Nashville, Tennessee

**REGISTRATION:** Professional Engineer, Florida #42757

**PROFESSIONAL AFFILIATION:** Chi Epsilon, Civil Engineering Honorary Fraternity  
Southeast Desalting Association  
American Desalting Association

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**RESPONSIBILITIES:** Coordinates the production and delivery of engineering projects to be on time within budget and ensures quality control. Works directly with clients.

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**EXPERIENCE:**

- 2008 - Present Boyle Engineering Corporation, West Palm Beach, Florida  
Client Service Manager – Principal Engineer
- + Responsible for client relations and project management for Utilities Services
  - + Works directly with clients and is responsible regarding projects and the project team's production to meet the client's expectations.
  - + Responsible for design, unit process selection, project review, supervision and training the engineering staff.
  - + Responsible for proposals, project budgets, schedules, project cost estimates, engineering services during construction, and quality control.
- 1996 – 2008: Craig A. Smith & Associates, Pompano Beach, Florida  
Vice President of Engineering
- + Responsible for the design and production of stormwater, water and wastewater projects. Including preliminary engineering reports, unit process selections, design, specifications, permitting, cost estimates, and quality control.
  - + Responsible for proposals, project budgets and schedules.
  - + Responsible for the engineering services during construction.
  - + Responsible for design team of Professional Engineers and CADD operators.
  - + Has over 35 years of experience in the field of water treatment, water supply, wastewater treatment, pump stations and utility operations.
  - + Rehabilitation and Design of over 40 sewer lift stations.
  - + Designed Membrane Biological Reactor wastewater treatment plant.
  - + Designed more than a dozen major stormwater pump stations.
  - + Designed membrane softening plants for municipal clients.
- 1995 - 1996: Miller Engineering, Wellington, Florida  
Associate
- + Responsible for the design and production of water and wastewater projects.
  - + Designed reverse osmosis system for a Palm Beach Country Club.
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**WILLIAM P. SNOW, P.E.**  
Principal Engineer

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1992 - 1995: Hazen & Sawyer, Boca Raton, Florida  
Principal Engineer/Project Manager

- + Responsible for water projects including, preliminary engineering reports, unit process selections, design, specifications, cost estimates, quality control, engineering services during construction and budget control.
- + Designed membrane softening plant, wells and pipe line for a county municipal client.

1986 - 1992: Gee and Jenson, West Palm Beach, Florida  
Senior Engineer/Project Manager

- + Responsible for water/wastewater projects including, studies, master plans, reports, unit process selections, design, specifications, cost estimates, quality control, engineering services during construction and budget control.
- + Designed large reverse osmosis plant for municipal client.

1984 - 1986: Basic Technologies, Inc., Riviera Beach, Florida  
Manager of Technical Services

- + Responsible for installing, start-up, troubleshooting, redesigning, retrofitting, and servicing Reverse Osmosis Water Plants. The water plants incorporated various types of filters chemical feeders, pumps, membranes, forced draft degasifiers, level controls, storage tanks, and scrubbers.
- + Good in troubleshooting plant problems, elector-mechanical control systems and program logical control systems.
- + Extensive field work experience with over 15 Private and Public Utilities Reverse Osmosis plants from 20,000 GPD to 2,000,000 GPD.

1983 - 1984: W.P. Snow & Co., Trinidad, West Indies  
President

- + Consultant for water treatment equipment and pump supply companies.
- + Installed Reverse Osmosis System for Dialysis Clinic.

1981 - 1983: Polycaribe Polymetrics, St. Thomas, U.S. Virgin Islands  
General Manager

- + Reverse Osmosis manufacturing and well drilling company.
- + Responsible for sales, service, installations of water and wastewater treatment and well drilling.
- + Installed and serviced Sea Water Reverse Osmosis Systems.

1972 - 1981: Culligan International  
  
General Manager - United Kingdom Division  
Marketing Manager - Overseas Division, Belgium  
Regional Engineer - Latin America and the Caribbean

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**WILLIAM P. SNOW, P.E.**  
**Principal Engineer**

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- + Worked in various locations for Culligan International providing field support to sales marketing staff, designing treatment process, supervising installations and technical liaison between Culligan Overseas and Culligan U.S.A.
- + Specialized in Reverse Osmosis Systems.
- + Involved in over 100 reverse osmosis water treatment plants throughout the world

1969 - 1972:

Wiss, Janney, Elstner & Associates, Northbrook, Illinois  
Project Engineer, Civil Engineering Consulting Firm

- + Worked in field of structural vibrations and seismic investigations.

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**WILLIAM P. SNOW, P.E.**  
Principal Engineer

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**PARTIAL PROJECT LIST OF EXPERIENCE:**

- FDOT/Pembroke Park/Hallandale Beach Award Winning Stormwater Pump Station (120 cfs)
- Town of Pembroke Park Carolina Street Stormwater Pump Station (40 cfs)
- City of Tamarac West, Central, and East Stormwater Pump Stations (each 230 cfs)
- City of Sweatwater Phase One, Two and Three Stormwater Pump Stations (each 20 cfs)
- City of Sunrise Stormwater Pump Station Number 1 and 6 (each 30 cfs)
- Village of Bal Harbour Stormwater Pump Station (50 cfs)
- Glades County Wastewater Treatment Plant Membrane Biological Reactor Expansion
- Glades County Collection System and Lift Stations
- Village of Bal Harbour Master Sewer Pump Station
- Town of Pembroke Park rehabilitation of 22 Sewer Lift Stations
- City of Margate rehabilitation of 8 Sewer Lift Stations
- Hardee County Wastewater Treatment Plant (360,000 gpd).
- Port LaBelle Membrane Softening Plant. (0.9 MGD expandable to 1.8 MGD)
- City of Boca Raton Membrane Softening Pilot Plant (0.05 MGD)
- City of Melbourne 7.5 MGD Reverse Osmosis Plant and a 2.5 MGD Blend System
- Tropical Farms District Membrane Softening Plant (1.5 MGD expandable to 3.0 MGD)
- Everglades Club Reverse Osmosis Plant (0.6 MGD).
- Martin County Solid Waste Leachate Treatment System, Reverse Osmosis System (0.05 MGD)
- Glades County Solid Waste Leachate Treatment System, Reverse Osmosis System (0.05 MGD)
- City of Moore Haven Lime Softening Water Treatment Plant (0.75 MGD)
- Village of Tequesta Water Treatment Plant Expansion (0.5 MGD)
- Industrial Wastewater System Americ Disc, Miami, Florida
- Palm Beach County Parks and Recreation Collection System and Lift Stations

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**Pamela L. Pannozzo**

8649 Rosalie Court  
Boynton Beach, FL 33437  
(561) 374-9886  
e-mail: pannozzp@pbcc.edu

**EDUCATION**

- 2003-2005    Ph.D. student, ABD, Ecology, University of Florida, Gainesville, FL 32611  
Ph.D. dissertation research analyzing the impact of water management practices on tree island communities at Arthur R. Marshall Loxahatchee National Wildlife Refuge in the Florida Everglades under the Comprehensive Everglades Restoration Plan (CERP)
- 2001-2003    M.S., Biology  
Youngstown State University, Youngstown, OH 44555  
Masters thesis research on the relationships between visual attention, social dominance, and baseline cortisol levels in capuchin monkeys, *Cebus apella*
- 2000-2001    B.S., Biology, *Cum Laude*  
Youngstown State University, Youngstown, OH 44555
- 1992-1996    J.D., Laws  
University of South Carolina School of Law, Columbia, SC 30909
- 1988-1992    A.B., Government  
Cornell University, Ithaca, NY 14850
- 1986-1988    Choate Rosemary Hall, *Cum Laude*  
Wallingford, CT

**WORK EXPERIENCE**

- 2006-present    Associate Professor of Biological Sciences: Principles of Biology I & II, Environmental Conservation, Honors Environmental Conservation  
Palm Beach Community College, Lake Worth, FL
- 2005-2006    Adjunct Faculty: Biological Sciences  
Palm Beach Community College, Lake Worth, FL
- 2004-2005    Teaching Assistant: Global Biodiversity Conservation (3 credits), Wildlife Issues (3 credits)  
Department of Wildlife Ecology and Conservation, University of Florida, Gainesville, FL
- 2001-2003    Instructor: Biology in the Modern World (3 credits)  
Department of Biological Sciences, Youngstown State University, Youngstown, OH
- 1998-2000    ANP Development Group, LLC, Youngstown, OH. Commercial real estate development, leasing, and management; human resources management; budget and proforma development and analysis; corporate, zoning, contract, construction, and property law.

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- 1996-1998 Hull/Storey Development, LLC, Augusta, GA. Commercial real estate development, leasing, and management; human resources management; budget and proforma development and analysis; site selection; environmental, zoning, and construction law.
- 1995-1996 South Carolina Environmental Law Project, Georgetown, SC. Environmental law; legal research and writing especially regarding the Clean Water Act and the Administrative Procedures Act.
- 1992 Arthur D. Little, Inc. Environmental Business and Strategy Unit, Washington, D.C. Research on EPA regulatory compliance programs; attended and reported on Congressional hearings considering reauthorization of the Clean Water Act and the Resource Conservation and Recovery Act.

#### RESEARCH EXPERIENCE

- 2006-present Research on population structure, nest success and recruitment of gopher tortoises (*Gopherus polyphemus*) at Okeetchee Park Nature Center, West Palm Beach, Florida
- 2003-2005 Graduate student research in the lab of Drs. Franklin Percival and Frank Mazzotti, Department of Wildlife Ecology and Conservation, University of Florida. Research on the effects of hydrology and invasive plants on tree islands at Arthur R. Marshall Loxahatchee National Wildlife Refuge in the Florida Everglades.
- 2001-2003 Graduate student research in the lab of Dr. Eric Mintz, Department of Biological Sciences, Youngstown State University. Research on the relationship between visual attention, baseline cortisol levels and social dominance in capuchin monkeys (*Cebus apella*).
- 2000-2002 Undergraduate research at the Richard E. Flauto Wildlife Sanctuary through the Department of Biological Sciences, Youngstown State University. Research included monitoring, recording and analysis of social behaviors of gray wolves (*Canis lupus*).
- 2000 Undergraduate research in the lab of Dr. Courtenay Willis, Department of Biological Sciences, Youngstown State University. Research included monitoring and recording of avian nesting, mating, feeding and communication behaviors.
- 2000 Volunteer research in the lab of Dr. Ken Balcomb and Diane Claridge through the Earthwatch Institute, Abaco, Bahamas. On and off-shore census and identification of cetacean species including beaked whales, sperm whales and bottlenose dolphins. Data analysis concerning the abundance, seasonality and distribution of cetacean populations.
- 1999 Undergraduate research in the labs of Drs. Lauren Schroeder and Carl Johnston, Department of Biological Sciences, Youngstown State University. Research included sampling of river sediments and field notation with the use of GPS. Analysis of sediments through lipid extraction, gas chromatograph/mass spectrometer.

#### RESEARCH THESES

- 2004 Ph.D. Thesis: *An Ecological Characterization of Tree Islands at Arthur R. Marshall Loxahatchee National Wildlife Refuge*, University of Florida

- 2003 Masters Thesis: *Social Monitoring Reflects Dominance Relationships in Brown Capuchin Monkeys, Cebus apella*, Youngstown State University
- 1996 Law Student Note: *The Endangered Species Act and Private Land: A Second Look at Sweet Home v. Babbitt*, University of South Carolina School of Law
- 1992 Undergraduate Thesis: *Analysis of the Contribution of Packaging Materials to Municipal Solid Waste and Resulting Policy Implications*, Cornell University

#### **PUBLICATIONS**

- 2007 Pannozzo, P.L., Phillips, K.A., Haas, M.E., & Mintz, E.M. 2007. Social Monitoring Reflects Dominance Relationships in Brown Capuchin Monkeys(*Cebus apella*). *Ethology* 113, 881-888.

#### **HONORS AND SCHOLARSHIPS**

- 2004 National Fish and Wildlife Foundation National Wildlife Refuge System Centennial Scholarship, \$15,000
- 2004 Department of Wildlife Ecology and Conservation, University of Florida, Jennings Scholarship Award, \$2,000
- 2003-2007 Department of Wildlife Ecology and Conservation, University of Florida, Alumni Fellowship Award, \$60,000
- 2002 School of Graduate Studies, Youngstown State University, Research Assistantship Award, \$3,000
- 2001-2003 Department of Biology, Youngstown State University, Graduate Student Assistantship Award, \$20,000
- 1992 Cornell-in-Washington, D.C. Public Policy Program, Cornell University

#### **GRANTS**

- 2005 Institute of Food and Agricultural Sciences and Graduate Student Council Travel Grants, \$650
- 2003 School of Natural Resources and the Environment Research and Outreach/Extension Mini-Grants Program award to determine the condition of Everglades tree islands impacted by hydrology and invasive exotic species, University of Florida, \$5,000
- 1995 James Louis Petigru Public Interest Law Society Grant for environmental law research, University of South Carolina School of Law, \$1,000

#### **PRESENTATIONS**

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Oral Presentation titled "Development of a Method to Determine the Condition of Northern Everglades Tree Islands" given at the Society for Ecological Restoration and The Wildlife Society joint meeting March 16, 2005 in Tarpon Springs, Florida.

Poster presentation titled "Determining the Condition of Northern Everglades Tree Islands Impacted by Hydrology and Invasive Exotic Species" given at the University of Florida College of Agriculture and Life Sciences graduate Research Symposium March 11, 2005, in Gainesville, Florida.

Poster presentation titled "Determining the Condition of Northern Everglades Tree Islands Impacted by Hydrology and Invasive Exotic Species" given at the National Conference on Ecosystem Restoration December 9-12, 2004, in Orlando, Florida.

Poster presentation titled "Linking Science and Management to Protect Tree Islands at Arthur R. Marshall Loxahatchee National Wildlife Refuge, Boynton Beach, Florida" given at the Arthur R. Marshall Loxahatchee National Wildlife Refuge Science Workshop on May 18, 2004, in Delray Beach, Florida.

Poster presentation titled "Linking Science and Management to Protect Tree Islands at Arthur R. Marshall Loxahatchee National Wildlife Refuge, Boynton Beach, Florida" given at the USGS Florida Cooperative Fish and Wildlife Research Unit meeting in on April 7, 2004 in Gainesville, Florida.

Poster presentation titled "Social Monitoring Reinforces Social Dominance Relationships in Brown Capuchin Monkeys (*Cebus apella*)" given at the Midwest Ecology and Evolutionary Biology Conference in March, 2002 in Akron, Ohio.

## ORGANIZATIONS AND MISCELLANEOUS ACTIVITIES

2007	Lake Worth Lagoon and Chain of Lakes Partnership Grant Program Selection Committee, through Palm Beach County Department of Environmental Resources Management
2006	Florida Master Naturalist Wetlands Certification, University of Florida/IFAS
2006-present	The Wildlife Society
2006-present	Society for Conservation Biology
2006-present	Florida Association of Environmental Professionals
2006-present	National Association of Environmental Professionals
2004-present	Florida Native Plant Society
2004-present	Airboat Operator certified by the U.S. Department of the Interior
2004-present	Motorboat Operator certified by the U.S. Department of the Interior
2000-present	Aerobics Instructor, certified by the American Aerobics and Fitness Association
2000-present	CPR certified by the American Heart Association
1990-present	SCUBA certified by PADI

## COMPUTER RELATED SKILLS

ARCGIS 8.0  
SPSS  
WordPerfect  
Microsoft Access

Microsoft Excel  
Microsoft Power Point  
Microsoft Word

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