

**PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS**

**BOARD APPOINTMENT SUMMARY**

**Meeting Date:** September 9, 2014

**Department:** Environmental Resources Management

**Advisory Board:** Groundwater and Natural Resources Protection Board

**I. EXECUTIVE BRIEF**

**Motion and Title:** Staff recommends motion to approve: appointment of the following individual to the Groundwater and Natural Resources Protection Board (GNRPB) for a term of three (3) years beginning September 9, 2014 through September 8, 2017.

**Appoint:**

Nominee	Representing	Seat No.	Nominated By
Michael W. Bennett	Hydrologist or Hydrogeologist	6	Florida Association of Professional Geologists

**Summary:** Ordinance 92-20, as amended, and Article 2.G.3.F.3 of the Unified Land Development Code (ULDC) provide for a seven (7) member GNRPB. The membership consists of one (1) professional engineer, one (1) attorney, one (1) hydrologist or hydrogeologist, one (1) a citizen possessing expertise and experience in managing a business, one (1) biologist or chemist, one (1) citizen of PBC, and one (1) member of an environmental organization. Ordinance 92-20 and Article 2.G.3.F.3. of the ULDC requires Seat No. 6 be filled by a Hydrologist or Hydrogeologist nominated by the Florida Association of Professional Geologists. Countywide (SF)

**Background and Justification:** The GNRPB has the powers and duties to hold hearings as necessary to enforce ULDC Article 14, Environmental Standards, and to issue any orders necessary to achieve compliance. Michael W. Bennett as a Principal Hydrogeologist meets the requirement. The new term will expire August 14, 2017. The diversity breakdown of the Board is six (6) Caucasian males and one (1) African-American male.

**Attachments:**

1. Board Appointment Information Form
2. Nominee Resume and Nomination Letter
3. GNRPB Composition, Function, and Current Membership
4. Current GNRPB Attendance Record

**Recommended by:**

  
Department Director

8/25/14  
Date

**Legal Sufficiency:**

  
Assistant County Attorney

8/27/14  
Date

**PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS  
BOARDS/COMMITTEES APPLICATION**

*The information provided on this form will be used by County Commissioners and/or the entire Board in considering your nomination. This form **MUST BE COMPLETED IN FULL**. Answer "none" or "not applicable" where appropriate. **Further, please attach a biography or résumé to this form.***

**Section I (Department):** (Please Print)

Board Name: Groundwater and Natural Resources Protection Board Advisory ☒ Not Advisory ☐  
[X] At Large Appointment or [ ] District Appointment /District #: \_\_\_\_\_  
Term of Appointment: 3 Years. From: 8/15/2014 To: 8/14/2017  
Seat Requirement: Hydrogeologist or Hydrogeologist Seat #: 6  
[ ] \*Reappointment or [X] New Appointment  
or [ ] to complete the term of \_\_\_\_\_ Due to: [ ] resignation [ ] other  
Completion of term to expire on: \_\_\_\_\_

**\*When a person is being considered for reappointment, the number of previous disclosed voting conflicts during the previous term shall be considered by the Board of County Commissioners:** \_\_\_\_\_

**Section II (Applicant):** (Please Print)

**APPLICANT, UNLESS EXEMPTED, MUST BE A COUNTY RESIDENT**

Name: Bennett Michael William  
Last First Middle  
Occupation/Affiliation: Principal Hydrogeologist  
Owner [ ] Employee ☒ Officer [ ]  
Business Name: AECOM Technical Services, Inc.  
Business Address: 2090 Palm Beach Lakes Blvd, Suite 600  
City & State West Palm Beach, Florida Zip Code: 33409  
Residence Address: 373 Knotty Wood Lane  
City & State Wellington, Florida Zip Code: 33414  
Home Phone: ( 561 ) 791-2537 Business Phone: ( 561 ) 515-3916 Ext. \_\_\_\_\_  
Cell Phone: ( 561 ) 316-6560 Fax: ( )  
Email Address: Michael.Bennett@aecom.com  
Mailing Address Preference: [ ] Business [X] Residence  
Have you ever been convicted of a felony: Yes \_\_\_\_\_ No x  
If Yes, state the court, nature of offense, disposition of case and date: \_\_\_\_\_

Minority Identification Code: [X] Male [ ] Female  
[ ] Native-American [ ] Hispanic-American [ ] Asian-American [ ] African-American [X] Caucasian

**CONTRACTUAL RELATIONSHIPS:** Pursuant to Article XIII, Sec. 2-443 of the Palm Beach County Code of Ethics, advisory board members are prohibited from entering into any contract or other transaction for goods or services with Palm Beach County. Exceptions to this prohibition include awards made under sealed competitive bids, certain emergency and sole source purchases, and transactions that do not exceed \$500 per year in aggregate. These exemptions are described in the Code. This prohibition does not apply when the advisory board member's board provides no regulation, oversight, management, or policy-setting recommendations regarding the subject contract or transaction and the contract or transaction is disclosed at a public meeting of the Board of County Commissioners. **To determine compliance with this provision, it is necessary that you, as a board member applicant, identify all contractual relationships between Palm Beach County government and you as an individual, directly or indirectly, or your employer or business.** This information should be provided in the space below. If there are no contracts or transactions to report, please verify that none exist. Staff will review this information and determine if you are eligible to serve or if you may be eligible for an exception or waiver pursuant to the code.

Section Two (continued)

<u>Contract/Transaction No.</u>	<u>Department/Division</u>	<u>Description of Services</u>	<u>Term</u>
<u>Ex: (R#XX-XXXX/PO XXX)</u>	<u>Parks &amp; Recreation</u>	<u>General Maintenance</u>	<u>10/01/11-09/30/12</u>

_____	_____	_____	_____
_____	_____	_____	_____

(Attach Additional Sheet(s), if necessary)

OR NONE

All board members are required to read and complete training on Article XIII, the Palm Beach County Code of Ethics, and read the Guide to the Sunshine Amendment prior to appointment/reappointment. Article XIII, and the training requirement can be found on the web at: <http://www.palmbeachcountyethics.com/training.htm>. Keep in mind this requirement is on-going.

☒ By signing below I acknowledge that I have read, understand, and agree to abide by Article XIII, the Palm Beach County Code of Ethics, and I have received the required Ethics training (in the manner checked below):

☒ By watching the training program on the Web, DVD or VHS  
☐ By attending a live presentation given on \_\_\_\_\_, 20\_\_\_\_

AND

☒ By signing below I acknowledge that I have read, understand and agree to abide by the Guide to the Sunshine Amendment & State of Florida Code of Ethics:

\*Applicant's Signature: Michael W. Bennett Printed Name: Michael W. Bennett Date: 7/26/14

Any questions and/or concerns regarding Article XIII, the Palm Beach County Code of Ethics, please visit the Commission on Ethics website [www.palmbeachcountyethics.com](http://www.palmbeachcountyethics.com) or contact us via email at [ethics@palmbeachcountyethics.com](mailto:ethics@palmbeachcountyethics.com) or (561) 233-0724.

Return this FORM to:  
Bonnie Finneran, Environmental Director  
Resources Protection Division  
Environmental Resources Management  
2300 North Jog Road, 4<sup>th</sup> Floor  
West Palm Beach, FL 33411

Section III (Commissioner, if applicable):

Appointment to be made at BCC Meeting on: \_\_\_\_\_

Commissioner's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**MICHAEL W. BENNETT, P.G.**  
**373 Knotty Wood Lane**  
**Wellington, Florida 33414**

**Home (561) 791-2537**  
**Office (561) 684-3375**

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### Education

**Old Dominion University.** Norfolk, Virginia 23508. Masters of Science degree in Geology. Unpublished M.S. Thesis: **Ground Water Investigation of the Petersburg Granite in Chesterfield County, Virginia, 1992** Courses included: Hydrogeology, Advanced Hydrogeology, Field Methods in Hydrogeology, Ground Water Modeling, and Prospecting for Ground Water using Geophysical Methods. Q.P.A 3.60.

**California University of Pennsylvania.** California, Pa. 15419. Bachelor of Science degree in Geology Major Q.P.A. 3.91, Overall Q.P.A. 3.64. Received: Outstanding Senior Student Geology Award and Presidential Scholar Award for maintaining high academic standards and involvement in scholastic associations.

### Employment

#### **Principal Hydrogeologist – AECOM Technical Services; 01/07 to Present**

Duties Performed: Budgeted, developed scope of work, and wrote technical specifications and project management of water production, ASR and Class I injection well systems. Mr. Bennett is a licensed professional geologist in the state of Florida and Texas experienced in hydrogeology, ground water modeling, geochemistry, and geophysics. He provides technical consultation on the design, permitting, groundwater hydrology, aquifer storage and recovery and deep water injection projects. He offers expertise in hydrogeologic and geochemical characterization of ground water systems, groundwater flow modeling, borehole and surface geophysics investigations and the permitting and design of Class I, II and V Water Injection Well systems. He also brings his expertise with project and construction management of multi-million dollar water injection and production well projects.

#### **Lead Hydrogeologist: South Florida Water Management District. 06/96 to 12/06**

Duties Performed: Budgeted, developed scope of work, and wrote technical specifications for seven separate well construction contracts, which included ten sites used to assess the water resource and Aquifer Storage and Recovery (ASR) potential of the Floridan aquifer system in central and south Florida. Served as Project/Contract manager and provided technical oversight during the drilling, well construction and testing phases of the seven contracts that exceeded twelve million-dollars. Scheduled staff, budgeted and procured services/ equipment to meet specific project needs. Submitted underground injection control and National Pollution and Discharge system permits, which allowed construction and testing operations of six (6) Class V, Group 8, Aquifer Storage and Recovery wells.

Developed testing plan using advanced geochemical techniques (stable isotope, radiocarbon, and noble gases) to gain a comprehensive understanding of the origin and groundwater circulation pattern within the Floridan aquifer system. Budgeted and developed testing plan using specialty geophysical logging techniques (Stoneley wave and Nuclear Magnetic Resonance) to determine the porosity and permeability distribution within a carbonate aquifer. Developed study objectives to employ surface geophysical methods (cross-well tomography and seismic reflection techniques) to determine lateral continuity of productive and non-productive units as they related to the successful implementation of Aquifer Storage and Recovery technology in a deep carbonate aquifer system. Published multiple in-house technical publications and journal articles related to water resources issues, ASR and new technology in hydrogeology. Supervised and mentored junior staff members. Served as technical advisor on numerous regulatory and water resource advisory committees.

#### **Senior Hydrogeologist: South Florida Water Management District. 05/93 to 06/96**

Duties Performed: Developed and wrote technical specifications for well construction and testing program for three sites to determine the water resource potential of the Floridan aquifer system in southwest Florida. Served as project manager and provided on site field supervision during execution of drilling, construction

and testing operations of this 1.5 million-dollar contract. Developed technical specifications and provided site supervision during the plug/abandonment of large-diameter Floridan aquifer wells in accordance with state regulations. Scheduled staff and budgeted/procured services and equipment to meet specific project requirements. Wrote technical specifications and managed various contracts to construct Oracle database of in-house geologic and geophysical data. Developed study objectives and served as project manager for a seismic investigation study of shallow aquifer systems in south Florida.

**Staff Hydrogeologist: South Florida Water Management District. 03/89 to 05/93**

Duties Performed: Conceptualized and developed a finite-difference, three-dimensional ground water flow for western Collier County Florida, which encompassed a 350 square mile area of southwest Florida. Compiled, processed, and ran model using USGS "ModFlow" computer code. Served as lead modeler in the calibration and verification of the model under both steady-state and transient ground water conditions. Once calibrated and verified, performed model sensitivity and predictive analyses. Published in-house technical publication titled "**A three-dimensional finite difference ground water flow model of western Collier County Florida**". This model continues to be used in the issuance of water-use permits and development of regional water supply plans. Wrote monthly "Ground water condition reports" for managers utilized for decision-making in the issuance of ground water restrictions in multi-county areas. In 1992, I obtained a Professional Geologist License from the State of Florida - Board of Professional Regulations.

**Chemical Safety Officer: Public Safety Office, Old Dominion University. 06/88 to 03/89**

Duties Performed: Developed an educational program concerning the proper handling and disposition of hazardous materials. Conducted laboratory safety assessments, helped to establish a hazardous waste characterization and reduction program and responded to accidental chemical spills within the university system.

**Research Assistant: Department of Geological Sciences, Old Dominion University. 06/87 to 06/88**

Duties Performed: Documented local stratigraphy and hydrostratigraphy. Drilled, constructed and surveyed ground water monitoring wells. Designed and conducted small-scale aquifer performance and slug tests to determine the hydraulic characteristics of shallow aquifer systems. Conducted soil gas surveys to determine the extent of volatile organic contamination. Generated hydrologic information for wildlife managers for a habitat study for the Endangered Species Deirochelyps Reticularia, Chicken turtle at Seashore State Park, Virginia Beach, Virginia.

**Research/Teaching Assistant: Department of Geological Sciences, Old Dominion University 09/85 to 06/87**

Duties Performed: Prepared and selected micropaleontological samples for biostratigraphic analyses and interpretation. Provide support in running SAS statistical procedures to analysis the micropaleontological data and helped in the preparation of the final report. In addition, I was employed as a laboratory instructor for upper level geology classes (Historical Geology and Stratigraphy). This position entailed the preparation of lecture notes, visual aids, laboratory exercises, and student tests.

**Sales Engineer: AMO Pollution Services, Inc. Canonsburg, Pa 15423. 08/84 to 09/85**

Duties Performed: Developed client base through various marketing strategies. Developed and prepared cost proposals and bids for the containment, removal, transportation, and disposition of hazardous and non-hazardous waste streams from various industrial sites. Served as company liaison and site supervisor, scheduled field personnel, and equipment to support individual remedial projects. Prepared daily activity reports documenting labor distribution and material costs for each project. Budgeted and procured services and equipment to meet specific project needs. Coordinated multi-state shipments of hazardous waste to EPA approved landfills and incinerators.

**Continuing Education/ Professional Development**

**Technical:**

The Use of Modflow For Analysis of Ground Water Flow Systems (NGWA, 1989).

Analysis and Design of Aquifer Tests (NGWA, 1991).

Principles and Applications of Modeling Chemical Reactions in Ground Water (Colorado School of Mines,

1992)

Geographic Information Systems in Ground Water Modeling (Colorado School of Mines, 1992).

An Introduction to the Hydrogeology of Carbonate Aquifers (NGWA, 1993).

Geochemical Processes in Ground Water Movement (E-3, 1994).

Introduction to Isotope Hydrology: Principles and Applications (E-3, 1995).

Introduction to Unix (SFWMD, 1989)

Fundamentals of the SAS System (SFWMD, 1992).

Basic Statistics Using SAS/STAT Software (SFWMD, 1992).

SAS Anova and Regression: Practical Applications (SFWMD, 1992).

SAS-EATS: Forecasting Techniques (SFWMD, 1992).

GWZOOM Applications (SFWMD, 1993)

Aquifer Test Workshop (USGS, 1995)

Seismic Convolution and Deconvolution Methods (SEG, 1997)

Introduction to ArcView (SFWMD, 1998)

Campbell Scientific CR10X - LoggerNet Training Course (Campbell Scientific, 2002)

Introduction to ArcGIS I (SFWMD, 2003)

Carbonate Reservoirs (Oil and Gas Consultant Inc, 2005)

Well Completion and Stimulation (AAPG 2008)

#### **Administrative:**

Key to Performance Appraisals (SFWMD, 1995)

Key to a Successful Interview (SFWMD, 1995, 1999)

Supplier Diversity Training (SFWMD, 1996)

Project Management (Fred Pryor, 2000)

Leadership in Project Management (2004)

Project Management (2013)

#### **Professional Certifications/Membership**

Registered Professional Geologist; State of Florida No. PG-0001558

Registered Professional Geologist; State of Texas No. PG-0000308

Board Member – Florida Association of Professional Geologist - 1996 to 1998

Member National Ground Water Association

Member American Water Works Association

Member American Association of Petroleum Geologist

Member Society of Economic Paleontologist and Mineralogist: Sedimentary Geology Section

#### **Publications**

Bennett, M.W., 1992. A ground water investigation of the Petersburg Granite in Chesterfield County, Virginia. Unpublished Masters of Science Thesis; Old Dominion University - Norfolk, Virginia. 158 p

Bennett, M.W., 1992. A three-dimensional finite difference ground water flow model of western Collier County, Florida: South Florida Water Management District Technical Publication 92-04, 80 p.

Kaufmann, R.S. and M.W. Bennett, 1997. The history of saltwater intrusion and flow in the Floridan aquifer, in the western Everglades, southern Florida. *Proceedings of the AWRA symposium Conjunctive Uses of Water Resources: Aquifer Storage and Recovery*, 407-416.

Kaufmann, R.S., Bennett, M.W., and Pitt, W. J., 1999. Potential aquifer storage and recovery of South Florida. *Technical Program and Proceedings of the 74<sup>th</sup> Annual Florida Water Resources Conference: Tallahassee Florida*, 507-514.

Bennett, M.W., 2001. Hydrogeologic investigation of the Floridan aquifer system at the L-2 Canal site Hendry County, Florida: South Florida Water Management District Technical Publication WS-3, 36 p.

Bennett, M.W., 2001. Hydrogeologic investigation of the Floridan aquifer system - I-75 Canal site Collier County, Florida: South Florida Water Management District Technical Publication WS-5, 46 p.

Bennett, M.W., Linton, P.F., and Rectenwald, E.E., 200. Hydrogeologic investigation of the Floridan aquifer system, Western Hillsboro Basin; ASR Site 1, Palm Beach County, Florida: South Florida Water Management District Technical Publication WS-8, 33 p.

Parra, J. O., Hackert, C. L., Collier, H. A., and Bennett, M., 2001, "A methodology to integrate magnetic resonance and acoustic measurements for reservoir characterization" second annual report.

Parra, J.O., Hackert, C.L., Collier, H.A., Bennett, M., 2001, "NMR and Acoustic Signatures in Vuggy Carbonate Aquifers" Transactions of the Society of Petroleum and Well Log Analysts (SPWLA) 42nd Annual Logging Symposium, Houston, Texas.

Bennett, M.W., 2002. Hydrogeologic investigation of the Floridan aquifer system – Immokalee Water & Sewer District Wastewater Treatment Plant, Collier County, Florida: South Florida Water Management District Technical Publication WS-14, 42 p.

Bennett, M.W., 2003. Hydrogeologic investigation of the Floridan aquifer system – Labelle, Hendry County, Florida: South Florida Water Management District Technical Publication WS-15, 52 p.

Parra, J.O., Bennett, M., and Collier, H.A., 2003, " High-resolution acoustic and seismic investigation of carbonate rock properties" Transactions of the Society of Petroleum and Well Log Analysts (SPWLA) International Symposium, Galveston, Texas.

Clark J.C., and Bennett M.W., (In review). Isotopic Measurement from the Floridan aquifer system south of Lake Okeechobee – submitted for publication in Water Resource Research journal.

Bennett, M.W., 2003. Hydrogeologic investigation of the Floridan aquifer system – Big Cypress Preserve, Collier County, Florida: South Florida Water Management District Technical Publication WS-18, 57 p

Parra, J.O., Bennett, M., and Collier, H.A., 2003, " Permeability and porosity images based on NMR, sonic and seismic reflectivity: Application to a carbonate aquifer; The Leading Edge, November 2003, pp. 1102 – 1107.

Kaufmann, R.S., and Bennett, Michael, 2004, Carbon-14 dating of groundwater from the Floridan aquifer in South Florida: Miami Geological Survey, South Miami, 20 p. 6 figures, 2 tables

Clark, J.C., and Bennett M.W. 2004. Time scale of seawater circulation and dolomitization within the lower Floridan aquifer GSA Abstracts with Programs Vol. 36 No. 5, Denver Colorado

Will, W., and Bennett M.W. 2004. 3-D Visualization for Hydrodynamic and Geomechanical Analysis of an Aquifer Storage and Recovery (ASR) System in South Florida. NGWA Abstracts with Programs Vol. 36 No. 5, Las Vegas, Nevada

Bennett, M.W. and E.E. Rectenwald 2004. Engineering/Well Completion Report for the Floridan aquifer system test/monitor well ORF-60 – Reedy Creek Improvement District Orange County Florida: South Florida Water Management District Technical Publication WS-20, 22 p.

Petrey, P.A. and Bennett, M.W. 2005 Reducing the Cost of an ASR test well: South Carolina Environment Conference Proceedings, March, 2005 Hilton Head South Carolina. 10p

Parra, J.O, Hackett .C., Bennett, M. (2005 ) P-wave surface seismic profiling to delineate flow units in an aquifer storage and recovery horizon in south Florida: a feasibility study (Water Resource Research)

Parra, J.O, Hackett, C.L., Bennett, M.W., 2006. Permeability and porosity images based on P-wave surface

seismic data: Application to a south Florida aquifer, *Water Resource Research*, v.42 pp. 2415-2439.

Bennett, M. W., and Mirecki, J, 2006. Dating of Florida's Groundwater: mapping the chronology of the flow from recharge to ocean discharge (presentation), American Ground Water Trust; 2006 Florida Aquifer Storage and Recover program (ASR VI) Conference, October 15-16, Orlando, Florida.

Bennett, Michael, Richardson, Emily, and Clark, Jordan, 2007. Timing and Ground Water Circulation within the Floridan Aquifer System of South Florida; Southeastern Section-56th Annual Meeting (29-30 March 2007) Paper No. 3-8.

Clark, Jordan, Morrissey, Sheila K., Bennett, Michael, Richardson Emily and Stute, Martin, 2009. Reorganization of Groundwater Flow during Sea Level Rise; Portland GSA Annual Meeting (18-21 October 2009) Paper No. 272-9

Sheila K. Morrissey, Jordan F. Clark, Michael W. Bennett, Emily Richardson and Martin Stute, 2010. Groundwater reorganization in the Floridan aquifer following Holocene sea-level rise, *NATURE GEOSCIENCE Letters*, DOI: 10.1038 PUBLISHED ONLINE: 12 SEPTEMBER 2010.

Mirecki, J.E., Bennett, M.W. and L'opez-Bal'aez, M., (2013), Arsenic Control during Aquifer Storage Recovery Cycle Tests in the Floridan Aquifer, *Groundwater Journal*,





# **FAPG** FLORIDA ASSOCIATION OF PROFESSIONAL GEOLOGISTS

August 19, 2014

Ms. Bonnie Finneran  
Environmental Director, Resources Protection  
Department of Environmental Resources Management  
2300 N. Jog Road, 4<sup>th</sup> Floor  
West Palm Beach, FL 33411

**SUBJECT:** Nomination of GNRPB Seat 6 Hydrologist/Hydrogeologist Member

Dear Ms. Finneran,

The Florida Association of Professional Geologists (FAPG Board), the Florida section of the American Institute of Professional Geologists, is responding to a request by the Palm Beach County Department of Environmental Resources Management. The County requested the Board to seek professional hydrologist/hydrogeologist applicants and to evaluate qualified respondents to fill a seat of the Groundwater and Natural Resources Protection Board (GNRPB Groundwater and Natural Resources Protection Board (GNRPB). It is our understanding that this task was to recommend one professional with the appropriate background, who is a resident of Palm Beach County and that it would be desirable if they (or their company depending on size and position within that company) had no contracts with the County.

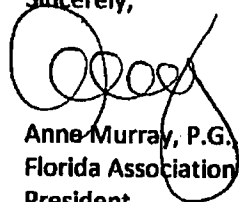
Approximately 15 FAPG/AIPG members residing in Palm Beach County were contacted to determine interest. Three individuals responded and submitted resumes and completed Nominee Information Forms provided by the County. The four member FAPG Board reviewed and ranked these submittals separately. All respondents have exceptional experience and backgrounds that make each of them valuable for consideration of this GNRPB position. Based on the criteria outlined above, Michael Bennett was ranked highest by the FAPG Board and is the nominee for the GNRPB position. The ranking results are summarized below and the submittals from all candidates are attached for your review and final selection.

**Ranking Results:**

Ranking	Board Member 1	Board Member 2	Board Member 3	Board Member 4
1	Andersen	Amy	Bennett	Bennett
2	Bennett	Bennett	Amy	Amy
3	Amy	Andersen	Andersen	Andersen

**FAPG appreciates the opportunity to be of service to Palm Beach County. Should you have any questions or comments please don't hesitate to contact me.**

**Sincerely,**

A handwritten signature in black ink, appearing to read 'Anne Murray', written over the printed name.

**Anne Murray, P.G., C.P.G.  
Florida Association of Professional Geologists  
President**



**PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS  
GROUNDWATER & NATURAL RESOURCES PROTECTION BOARD**

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**I. AUTHORITY :**

Unified Land Development Code (ULDC) Art. 2.G.3.F, Groundwater and Natural Resources Protection Board. [Ord. 2003-067, effective January 1, 2004, as amended].

**II. APPOINTING BODY :**

Board of County Commissioners

**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 or hydrogeologist; 4) a citizen possessing expertise and experience in managing a business; 5) a biologist or a 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.

**EXTENDED COMPOSITION :**

**IV. MEETINGS :**

Bi-Monthly. Special meetings may be called by the Chair or in writing by a majority of the members of the Board.

**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.

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\* indicates a member having an action pending

VI. LIAISON INFORMATION :

LIAISON DEPARTMENT

Environmental Resources Management

CONTACT PERSON

Bonnie Finneran

ADDRESS

2300 N Jog Rd Fl 4TH  
West Palm Beach FL 33411  
Phone # 561-233-2525

\* indicates a member having an action pending



# GROUNDWATER & NATURAL RESOURCES PROTECTION BOARD

SEAT ID	CURRENT MEMBER	ROLE TYPE	RACE CODE	GENDER	BUSINESS / HOME PHONE	SEAT REQUIREMENT	APPOINT DATE	REAPPOINT DATE	EXPIRE DATE
Appointed By : At-Large/Palm Beach County Board of County Commissioners									
1	William P. Snow AECOM	Member	CA	M	561-684-3375	Professional Engineer	04/05/2008	05/06/2014	05/05/2017
	2090 Palm Beach Lakes Blvd Ste 600 West Palm Beach FL 33409								
	NOMINATED BY : Florida Engineering Society - PBC Chapter								
2	W. Scott Mason Fox Rothschild, LLP	Member	CA	M	561-804-4432	Attorney	03/12/2013		03/11/2016
	222 Lakeview Ave Ste 700 West Palm Beach FL 33401								
	NOMINATED BY : PBC Bar Association								
3	Allen Trefry	Member	CA	M	561-625-6610	Environmental Organization Representative	05/18/2010	05/06/2014	05/05/2017
	14939 Palmwood Rd Palm Beach Gardens FL 33410								
	NOMINATED BY : Arthur R. Marshall Foundation & FL Environmental Institute, Inc.								
4	Kirt W. Rusenko Gumbo Limbo Nature Center	Member	CA	M	561-544-8613	Chemist	06/19/2012	08/13/2013	08/12/2016
	1801 N Ocean Ave Boca Raton FL 33432								
	NOMINATED BY :								

\* indicates a member having an action pending

Appointed By : At-Large/Palm Beach County Board of County Commissioners

5	Artice "Art" Cobb	Member	AA	M	561-881-0784	Resident of Palm Beach County	03/09/2010	03/12/2013	03/11/2016
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1002 Aspri Way  
Riviera Beach FL 33418

NOMINATED BY :

6	Jonathan E. Shaw, P.G. Environ International Corporation	Member	CA	M	561-613-4325 X104	Hydrogeologist	08/01/2005	08/16/2011	08/15/2014
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2201 NW Corporate Blvd Ste 105  
Boca Raton FL 33431

NOMINATED BY : Treasure Coast Chapter of the FL Association of Environmental Profe

7	Mal Behl	Member	CA	M	561-731-0115	Business Owner	09/23/2008	11/01/2011	10/31/2014
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9753 Sills Dr E Apt 101  
Boynton Beach FL 33437

NOMINATED BY :

\* indicates a member having an action pending

Palm Beach County Board of County Commissioners  
Groundwater and Natural Resources Protection Board  
**2011 MEMBER ATTENDANCE LISTING**

MEMBER NAME	Seat No. 1 WILLIAM SNOW	Seat No. 2 LLOYD COMITER	Seat No. 3 ALLEN TREFRY	Seat No. 4 JASON MORETZ	Seat No. 5 ARTICE COBB	Seat No. 6 JONATHAN SHAW	Seat No. 7 MAL BEHL	ATTORNEY(S)	MEETING TIME		
									START	END	
MEMBER SINCE	04/05/2008	08/18/2009	05/18/2010	03/11/2008	03/09/2010	08/23/1988	09/23/2008				
TERM START	04/05/2008	08/18/2009	05/18/2010	07/31/2010	03/09/2010	07/31/2011	09/23/2008				
TERM EXPIRES	04/04/2011	08/17/2012	04/04/2011	07/30/2013	07/30/2013		09/22/2011				
CHAIR/VICE	CHAIR						VICE				
VOTING CONFLICT		1				2					
2011 MEETING DATES											
01/20/2011	MEETING CANCELED										
03/24/2011	PRESENT	PRESENT	PRESENT	PRESENT	ABSENT	PRESENT	PRESENT	Fox/Wynn	1:30 PM	3:21 PM	
05/19/2011	PRESENT	ABSENT	PRESENT	PRESENT	PRESENT	ABSENT	PRESENT	Fox/Benjamin	1:33 PM	2:10 PM	
07/21/2011	MEETING CANCELED										
09/22/2011	MEETING CANCELED										
11/17/2011	ABSENT	PRESENT	PRESENT	ABSENT	ABSENT	PRESENT	PRESENT	Banks/Helfant	1:38 PM	2:22 PM	

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MEMBER NAME	Seat No. 1 WILLIAM SNOW	Seat No. 2 LLOYD COMITER	Seat No. 3 ALLEN TREFRY	Seat No. 4 KIRT RUSENKO	Seat No. 5 ARTICE COBB	Seat No. 6 JONATHAN SHAW	Seat No. 7 MAL BEHL	ATTORNEY(S)	MEETING TIME	
									START	END
MEMBER SINCE	04/05/2008	08/18/2009	05/18/2010	06/19/2012	03/09/2010	08/23/1988	09/23/2008			
TERM START	05/03/2011	08/18/2009	05/18/2011	06/19/2012	03/09/2010	08/16/2011	11/01/2011			
TERM EXPIRES	<b>05/02/2014</b>	<b>08/17/2012</b>	<b>05/02/2014</b>	<b>07/30/2013</b>	<b>03/08/2013</b>	<b>08/15/2014</b>	<b>10/31/2014</b>			
CHAIR/VICE	CHAIR						VICE			
VOTING CONFLICT	0	0	0	0	0	0	0			
<b>2012 MEETING DATES</b>										
01/19/2012	PRESENT	ABSENT	ABSENT	RESIGNED	PRESENT	PRESENT	PRESENT	Fox/Helfant	1:34PM	2:29 PM
03/15/2012	MEETING CANCELED									
05/17/2012	PRESENT	PRESENT	PRESENT	PRESENT	ABSENT	PRESENT	PRESENT	Fox/Helfant	1:35 PM	3:20 PM
07/19/2012	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	Fox/Helfant	1:35 PM	NR
09/20/2012	MEETING CANCELED									
11/15/2012	MEETING CANCELED									



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**2013 MEMBER ATTENDANCE LISTING**

MEMBER NAME	Seat No. 1 WILLIAM SNOW	Seat No. 2 VACANT	Seat No. 3 ALLEN TREFRY	Seat No. 4 KIRT RUSENKO	Seat No. 5 ARTICE COBB	Seat No. 6 JONATHAN SHAW	Seat No. 7 MAL BEHL	ATTORNEY(S)	MEETING TIME	
									START	END
MEMBER SINCE	04/05/2008		05/18/2010	06/19/2012	03/09/2010	08/23/1988	09/23/2008			
TERM START	05/03/2011		05/18/2011	06/19/2012	03/12/2013	08/16/2011	11/01/2008			
TERM EXPIRES	<b>05/02/2014</b>		<b>05/02/2014</b>	<b>07/30/2013</b>	<b>03/11/2016</b>	<b>08/15/2014</b>	<b>10/31/2014</b>			
CHAIR/VICE	CHAIR				VICE CHAIR		VICE			
VOTING CONFLICT	0		0	0	0	0	0			

## 2013 MEETING DATES

01/17/2013	MEETING CANCELED			
03/21/2013	MEETING CANCELED			
05/16/2013	MEETING CANCELED			

MEMBER NAME	Seat No. 1 WILLIAM SNOW	Seat No. 2 W MASON	Seat No. 3 ALLEN TREFRY	Seat No. 4 KIRT RUSENKO	Seat No. 5 ARTICE COBB	Seat No. 6 JONATHAN SHAW	Seat No. 7 MAL BEHL	ATTORNEY(S)	MEETING TIME	
									START	END
MEMBER SINCE	04/05/2008	03/12/2013	05/18/2010	06/19/2012	03/09/2010	08/23/1988	09/23/2008			
TERM START	05/03/2011	03/12/2013	05/18/2011	08/13/2013	03/12/2013	08/16/2011	11/01/2011			
TERM EXPIRES	<b>05/02/2014</b>	<b>03/11/2016</b>	<b>05/02/2014</b>	<b>08/12/2016</b>	<b>03/11/2016</b>	<b>08/15/2014</b>	<b>10/31/2014</b>			
CHAIR/VICE	CHAIR				VICE CHAIR		VICE			
VOTING CONFLICT	0	0	0	0	0	0	0			

## 2013 MEETING DATES (continued)

07/18/2013	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	Fox/Helfant	1:35 PM	2:45 PM
09/19/2013	MEETING CANCELED									
11/21/2013	MEETING CANCELED									

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**2014 MEMBER ATTENDANCE LISTING**

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