

**PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS  
BOARD APPOINTMENT SUMMARY**

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**Meeting Date:**     August 16, 2016

**Department:**     Environmental Resources Management

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

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**I. EXECUTIVE BRIEF**

**Motion and Title:** **Staff recommends motion to approve:** Re-appointment one (1) at-large member to the Groundwater and Natural Resources Protection Board (GNRPB). Seat No. 4 is for a term of three (3) years beginning August 16, 2016, and ending August 15, 2019.

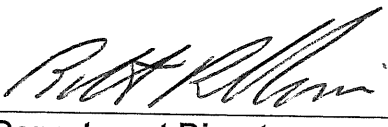
<u>Nominee</u>	<u>Seat No.</u>	<u>Seat Requirement</u>	<u>Nominated By</u>
<u>Re-Appoint</u> Kirt Rusenko	4	Biologist or Chemist	Florida Association of Environmental Professionals

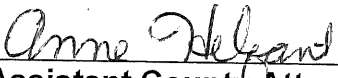
**Summary:** Ordinance 92-20, as amended, and Article 2.G.3.F.3 of the Unified Land Development Code (ULDC) provide for a seven (7) member GNRPB. The membership consists of one (1) professional engineer, one (1) attorney, one (1) hydrologist or hydrogeologist, one (1) citizen possessing expertise and experience in managing a business, one (1) biologist or chemist, one (1) concerned citizen, and one (1) member of an environmental organization. Ordinance 92-20, as amended, and Article 2.G.3.F.3 of the ULDC require that Seat No. 4 be filled by a Biologist or Chemist. The current diversity breakdown of the GNRPB membership is six (6) Caucasian males and one (1) African-American male. The gender ratio is 7:0 (male:female). Countywide (AH)

**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. Kirt Rusenko desires to continue the duties of Seat 4 for another term and meets the requirement of Article 2.G.3.F.3 of the ULDC. The new term will expire on August 15, 2019.

- Attachments:**
- 1. Boards/Committees Application and Resume for Kirt Rusenko
  - 2. TCC-Florida Association of Environmental Professionals Nomination (Email)
  - 3. Boards & Commissions Directory Membership Listing
  - 4. Attendance Record
  - 5. Article 2.G.3.F.3 of the ULDC

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Recommended by:	<u></u>	<u>7/19/16</u>
	Department Director	Date

Legal Sufficiency:	<u></u>	<u>7/21/16</u>
	Assistant County Attorney	Date

ATTACHMENT 1

PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS  
BOARDS/COMMITTEES APPLICATION

The information provided on this form will be used in considering your nomination. Please **COMPLETE SECTION II IN FULL**. Answer "none" or "not applicable" where appropriate. Please attach a biography or résumé to this form.

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

Board Name: Groundwater & Natural Resources Protection Board Advisory ☐ Not Advisory ☒

☒ At Large Appointment or ☐ District Appointment /District #: \_\_\_\_\_

Term of Appointment: 3 Years. From: 08/16/2016 To: 08/16/2019

Seat Requirement: Biologist or Chemist Seat #: 4

☒ \*Reappointment or ☐ 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: 0

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

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

Name: Rusenko Kirt W.  
Last First Middle

Occupation/Affiliation: Marine Conservationist, City of Boca Raton  
Owner ☐ Employee ☒ Officer ☐

Business Name: Gumbo Limbo Nature Center

Business Address: 1801 N. Ocean Ave.

City & State Boca Raton, FL Zip Code: 33432

Residence Address: 9500 SW 3<sup>rd</sup> St., Apt C-255

City & State Boca Raton, FL Zip Code: 33428

Home Phone: (561) 479-2657 Business Phone: (561) 544-8613 Ext. \_\_\_\_\_

Cell Phone: (561) 901-3953 Fax: (561) 544-8617

Email Address: krusenko@myboca.us

Mailing Address Preference: ☒ Business ☐ 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: ☒ Male ☐ Female  
☐ Native-American ☐ Hispanic-American ☐ Asian-American ☐ African-American ☒ Caucasian

Section II Continued:

**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.

<u>Contract/Transaction No.</u>	<u>Department/Division</u>	<u>Description of Services</u>	<u>Term</u>
<u>Example: (R#XX-XX/PO XX)</u>	<u>Parks &amp; Recreation</u>	<u>General Maintenance</u>	<u>10/01/00-09/30/2100</u>
_____	_____	_____	_____
_____	_____	_____	_____
(Attach Additional Sheet(s), if necessary)			
OR			
NONE	<input checked="" type="checkbox"/>	NOT APPLICABLE/ (Governmental Entity)	<input type="checkbox"/>

**ETHICS TRAINING:** All board members are required to read and complete training on Article XIII, the Palm Beach County Code of Ethics, and read the State Guide to the Sunshine Amendment. **Article XIII, and the training requirement can be found on the web at: <http://www.palmbeachcountyethics.com/training.htm>.** Ethics training is on-going, and pursuant to PPM CW-P-80 is required before appointment, and upon reappointment.

☒ 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 on MARCH 27 2016

☐ 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: [Signature] Printed Name: KIRT RUSEWICKO Date: 3/29/2016

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  
Palm Beach County Department of Environmental Resources Management  
2300 N. 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: \_\_\_\_\_

**KIRT WILLIAM RUSENKO, Ph.D.**  
**Gumbo Limbo Nature Center**  
**1801 N. Ocean Blvd.**  
**Boca Raton, FL 33432**  
**Phone: 561-544-8613**  
**Cell: 561-901-3953**  
E-mail: [krusenko@myboca.us](mailto:krusenko@myboca.us)  
Webpage: [www.gumbolimbo.org](http://www.gumbolimbo.org)

**Education:**

Ph.D., Marine Zoology/Biochemistry, Clemson University, Clemson, SC.  
Disseration- "Studies on the Structure and Function of Shell Matrix Proteins from the American Oyster, *Crassostrea virginica*". Professor; Hap Wheeler; GPA 4.0

MS, Biochemistry, SUNY Upstate Medical Center, Syracuse, NY.  
Thesis- "Interactions of <sup>125</sup>I-Beta Nerve Growth Factor with its Receptor and Other Proteins". Professor; Robert Stach; GPA 3.2

BS/BA, Biology/Psychology, Syracuse University, Syracuse, NY.

**Employment History:**

1995-Present *Marine Conservationist*, **City of Boca Raton, Boca Raton, FL**  
1995-1995 *Environmental Specialist*, **Florida Power and Light Co., Juno Beach, FL**  
1994-1995 *Scientific Consultant* **Marinelife Center of Juno Beach, Juno Beach, FL**  
1992-1994 *Research and Development Scientist*, **Thermo Separation Products**  
1991-1992 *Product Manager*, **Thermo Separation Products, Riviera Beach, FL**  
1989-1991 *Research Assistant Prof.*, Dept. of Dermatology, **Univ. of North Carolina, School of Medicine**, Chapel Hill, NC 27599  
1987-1989 *Research Specialist*, Dept. of Dermatology, **Univ. of North Carolina, School of Medicine**, Chapel Hill, NC  
1986-1987 *Research Associate*, Dept. of Dermatology, **Univ. of North Carolina, School of Medicine**, Chapel Hill, NC

**Publications:**

Shamblin, B.M., D.A. Bagley, L.M. Ehrhart, N.A. Desjardin, R.E. Martin, K.M. Hart, E. Narc-Maciel, K. Rusenko, J.C. Stiner, D. Sobel, C. Johnson, T.J. Wilmers, L.W. Wright, C.J. Nairn. 2014 "Genetic Structure of Florida Green Turtle Rookeries as Indicated by Mitochondrial DNA Control Region Sequences." Conservation Genetics

Makowski, C., C. W. Finkl, and K. Rusenko 2013 "Suitability of Recycled Glass Cullet as Artificial Dune Fill along Coastal Environments." Journal of Coastal Research: 29(4), pp. 772-782.

- Makowski, C.; Finkl, C.W., and Rusenko, K., 2011. "Using recycled glass for coastal protection: a review of geotechnical, biological, and abiotic analyses." In: Furmanczyk, K.K.; Giza, A., and Terefenko, P. (eds.), *Proceedings of the 11th International Coastal Symposium (Szczecin, Poland)*, *Journal of Coastal Research*, Special Issue No. 64, pp. 1362–1366.
- Makowski, C., K Rusenko, and C. J. Kruempel 2008 "Abiotic Suitability of Recycled Glass Cullet as an Alternative Sea Turtle Nesting Substrate". *Journal of Coastal Research*: 24(3), pp. 771-779
- Makowski, C. and K. Rusenko. 2007 "Recycled Glass Cullet as an Alternative Beach Fill Material: Results of Biological and Chemical Analysis." *Journal of Coastal Research* 23(3):545-552
- Mroziak, M.L, M. Salmon, and K.W. Rusenko. 2000 "Do Wire Cages Protect Sea Turtle Nests From Foot Traffic and Mammalian Predators?", *Chelonian Conservation and Biology*, 3(4):693-698
- Rusenko, K.W., J.E. Donachy, and A.P. Wheeler. 1991 "Purification and Characterization of a Shell Matrix Phosphoprotein from the American Oyster." In- *Surface Reactive Peptides and Polymers; Discovery and Commercialization*. C.S. Sikes and A.P. Wheeler (eds.), ACS Symposium Series #444, American Chemical Society, Washington, DC
- Rusenko, K.W., J-D. Fine, W.R. Gammon, and R.A. Briggaman. 1989 "The Carboxyl-Terminal Domain of Type VII Collagen is Present at the Basement Membrane in Recessive Dystrophic Epidermolysis Bullosa." *J. Invest. Derm.* 92:623-627.
- Wheeler, A.P., K.W. Rusenko, and C.S. Sikes. 1988 "Organic Matrix from Carbonate Biomineral as a Regulator of Mineralization." In- *Chemical Aspects of Regulation of Mineralization*." C.S. Sikes and A.P. Wheeler (eds.) American Chemical Society, University of South Alabama Publication Services, Mobile, AL.
- Wheeler, A.P., K.W. Rusenko, D.M. Swift, and C.S. Sikes. 1988 "Regulation of *In Vitro* and *In Vivo*  $\text{CaCO}_3$  Crystallization by Fractions of Oyster Shell Organic Matrix." *Mar. Biol.* 98:71-80.
- Wheeler, A.P., K.W. Rusenko, J.W. George, and C.S. Sikes. 1987 "Evaluation of Calcium Binding by Molluscan Shell Organic Matrix and its Relevance to Biomineralization." *Comp. Biochem. Physiol.* 87B:453-460.
- Stach, R.W., and K.W. Rusenko. 1984 "Covalent Attachment of  $^{125}\text{I}$ - $\beta$  Nerve Growth Factor to its Receptors on Sympathetic Neurons." *J. Neurochem. Res.* 11:215-229.
- Rusenko, K.W., and R.W. Stach. 1982 "Serum-Free Culture of Chicken Embryonic Sensory Ganglia in a Balanced Salt Solution with Nerve Growth Factor for Periods Up to Two Weeks." *J. Neurosci. Res.* 8:263-270.
- Rusenko, K.W., and R.W. Stach. 1981 "Interaction of [ $^{125}\text{I}$ ]  $\beta$ -Nerve Growth Factor with Acidic Proteins." *Neurochem. Res.* 6:287-300.

## **Abstracts**

Crowder, W. and K. Rusenko. 2015 "Movements And Behaviors Of Satellite Tagged Rehabilitated Sea Turtles At Gumbo Limbo Nature Center's Rehabilitation Facility" Second South East Regional Sea Turtle Meeting (in press).

Stadler, M., K. Rusenko, S. Kedzuf, and L. Wright. 2015 "A Three-Year Study Of Loggerhead Sea Turtle (*Caretta caretta*) Crawl Densities, Nest Relocations, And Nest Hatch And Emergent Success In Renourishment Project Areas In Boca Raton, Florida" Second South East Regional Sea Turtle Meeting (in press).

Rusenko, K.W. and M. Stadler (2014) "Do Wider Renourished Beaches Enhance Sky-Glow Effects on Sea Turtles?" *Proceedings of the Thirty-fourth Annual Symposium on Sea Turtle Biology and Conservation*. NOAA Technical Memorandum (in press)

Bosley, J.W., M.M. Rodgers, Z.D. Anderson, C. R. Mott, K. Rusenko, and J. Wyneken. "Record High Beach Temperatures: Implications for Loggerhead Turtle (*Caretta caretta*) Hatch and Emergence Success in Boca Raton, Florida, USA", Jones, T.T. and Wallace, B. P., compilers. 2012 (Updated November 2012) *Proceedings of the Thirty-first Annual Symposium on Sea Turtle Biology and Conservation*. NOAA Technical Memorandum NOAA NMFS-SEFSC-631:32p.

Rusenko, K.W., R. Newman, C. Mott, D. Anderson, T. Tyner, J. Duarte, and H. Ionnozzi. 2012. "Using GIS to Determine the Effect of Skyglow on Nesting Sea Turtles Over a Ten Year Period", Jones, T.T. and Wallace, B. P., compilers. 2012 (Updated November 2012) *Proceedings of the Thirty-first Annual Symposium on Sea Turtle Biology and Conservation*. NOAA Technical Memorandum NOAA NMFS-SEFSC-631:32p.

Rusenko, K.W., R. Newman, C. Mott, D. Anderson, T. Tyner, J. Duarte, and H. Ionnozzi. 2012. "Mammalian Predation of Sea Turtle Nests in Boca Raton, FL- Fifteen Years of Study and the Effectiveness of Using Habanero Pepper Powder for Control", Jones, T.T. and Wallace, B. P., compilers. 2012 (Updated November 2012) *Proceedings of the Thirty-first Annual Symposium on Sea Turtle Biology and Conservation*. NOAA Technical Memorandum NOAA NMFS-SEFSC-631:32p.

Salmon, M., C.R. Mott, K.W. Rusenko, R. Newman, M.D. Anderson, J.P. Duarte, T.J. Tyner, and H. Ionnozzi, 2012, "Collection of Pre-Emergent Loggerhead Hatchlings for Research has No Adverse Impacts", Jones, T.T. and Wallace, B. P., compilers. 2012 (Updated November 2012) *Proceedings of the Thirty-first Annual Symposium on Sea Turtle Biology and Conservation*. NOAA Technical Memorandum NOAA NMFS-SEFSC-631:32p.

Makowski, C. and K. Rusenko, 2007, "Recycled Glass as a Sea Turtle Nesting Substrate: Results from Abiotic Testing and Analysis", Rees, A. F., M. Frick, A. Panagopoulou, and K. Williams., compilers. 2008 *Proceedings of the Twenty-seventh Annual Symposium on Sea Turtle Biology and Conservation*, NOAA Technical Memorandum NMFS-SEFSC-569, 262 p.

- Child, K., R. Newman, and K. W. Rusenko, 2007, "Analysis of Sea Turtle Strandings in Southern Palm Beach County (1980-2006) Using GIS and Spatial Analyst.", Rees, A. F., M. Frick, A. Panagopoulou, and K. Williams., compilers. 2008 *Proceedings of the Twenty-seventh Annual Symposium on Sea Turtle Biology and Conservation*, NOAA Technical Memorandum NMFS-SEFSC-569, 262 p.
- Cassone, V., K. Child, and K. W. Rusenko, 2007, "Comparing Changes in Hatchling Success of Green and Loggerhead Sea Turtles in Boca Raton, FL.", Rees, A. F., M. Frick, A. Panagopoulou, and K. Williams., compilers. 2008 *Proceedings of the Twenty-seventh Annual Symposium on Sea Turtle Biology and Conservation*, NOAA Technical Memorandum NMFS-SEFSC-569, 262 p.
- Rusenko, K.W., 2007, "Evaluating Sea Turtle Nesting Data with Geographic Information Systems", Rees, A. F., M. Frick, A. Panagopoulou, and K. Williams., compilers. 2008 *Proceedings of the Twenty-seventh Annual Symposium on Sea Turtle Biology and Conservation*, NOAA Technical Memorandum NMFS-SEFSC-569, 262 p.
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- Walker, C. M., K. W. Rusenko, and H. L. Carter, 2004 "Analysis On Fox And Raccoon Predation Of Sea Turtle Hatchlings", Mast, R. B., Hutchinson, B. J., and A. H. Hutchinson, compilers. 2007. *Proceedings of the Twenty-Fourth Annual Symposium on Sea Turtle Biology and Conservation*, NOAA Technical Memorandum NMFS-SEFSC-567, 205 p.
- Mann, J. L., R. W. Albury, J. E. Moriarty, and K. W. Rusenko, 2004, "The Effect Of Renourishment Sand On Sea Turtle Nesting Behavior", Mast, R. B., Hutchinson, B. J., and A. H. Hutchinson, compilers. 2007. *Proceedings of the Twenty-Fourth Annual Symposium on Sea Turtle Biology and Conservation*, NOAA Technical Memorandum NMFS-SEFSC-567, 205 p.
- Rusenko, K.W. Callie M. Walker, Julia E. Moriarity, Jennifer L. Mann, Robert Albury, Kristin Child, H. Lynn Carter, and Kirstin Jones, 2004 "Control Of Mammalian Predation Using Habenero Pepper Powder In Conjunction With Screening Sea Turtle Nests", Mast, R. B., Hutchinson, B. J., and A. H. Hutchinson, compilers. 2007. *Proceedings of the Twenty-Fourth Annual Symposium on Sea Turtle Biology and Conservation*, NOAA Technical Memorandum NMFS-SEFSC-567, 205 p.
- Jones, K., J. E. Moriarty, G. Hancock, and K. W. Rusenko, 2004 "100 Hours Swimming With Turtles: Looking In On A Population Of Greens", Mast, R. B., Hutchinson, B. J.,

and A. H. Hutchinson, compilers. 2007. *Proceedings of the Twenty-Fourth Annual Symposium on Sea Turtle Biology and Conservation*, NOAA Technical Memorandum NMFS-SEFSC-567, 205 p.

Albury, R., C. M. Walker, and K. W. Rusenko, 2004 "Effects Of Exposed Streetlights On A Sea Turtle Nesting Beach", Mast, R. B., Hutchinson, B. J., and A. H. Hutchinson, compilers. 2007. *Proceedings of the Twenty-Fourth Annual Symposium on Sea Turtle Biology and Conservation*, NOAA Technical Memorandum NMFS-SEFSC-567, 205 p.

Rusenko, Kirt, E. de Maye, and A. Cammack, 2003 "The Use of Hot Pepper Extract and Ipecac to Control Mammalian Predators – The Year of the Fox", Seminoff, J.A., compiler. 2003. *Proceedings of the Twenty-Second Annual Symposium on Sea Turtle Biology and Conservation*. NOAA Technical Memorandum NMFS-SEFSC-503, 308 p.

Rusenko, Kirt, E. de Maye, and A. Cammack, 2003 "The First Year of the Spanish River Park Embedded Roadway Lighting Project: Response of Sea Turtle Hatchlings", Seminoff, J.A., compiler. 2003. *Proceedings of the Twenty-Second Annual Symposium on Sea Turtle Biology and Conservation*. NOAA Technical Memorandum NMFS-SEFSC-503, 308 p.

Rusenko, K.W., E. de Maye, A. Cammack, and H. Harder. 2001. "The Use of Hot Pepper Extract to Control Mammalian Predators- A Preliminary Study." Coyne, M. S., and R. D. Clark, compilers. 2004. *Proceedings of the Twentieth Annual Symposium on Sea Turtle Biology and Conservation*, NOAA Tech. Memo. NMFS-SEFSC-528, 368 p.

Rusenko, K.W., J. Echiverra, and C. Pfistner, 2002. "Unusual Nesting Patterns on a Renourished Beach." Mosier, Andrea, Allen Foley, and Beth Brost, compilers. 2002. *Proceedings of the Twentieth Annual Symposium on Sea Turtle Biology and Conservation*, NOAA Tech. Memo. NMFS-SEFSC-477, 369 p.

Pfistner, C. and K.W. Rusenko, 2002. "Touching Eggs of *in situ* nests May Not Affect Hatch Success." Mosier, Andrea, Allen Foley, and Beth Brost, compilers. 2002. *Proceedings of the Twentieth Annual Symposium on Sea Turtle Biology and Conservation*. NOAA Tech. Memo. NMFS-SEFSC-477, 369 p.

Rusenko, K.W., C. Pfistner, A. Barker, and D. Fowler 2000 "Mammalian Predation on Boca Raton's Beach: A Year Without Cages." Abreu-Grobois, F.A., R. Briseno-Duenas, R. Marquez, and L. Sarti, Compilers. *Proceedings of the Twentieth Annual Symposium on Sea Turtle Biology and Conservation*, US Dep Commer NOAA Tech Memo. NMFS-SEFSC-436, 293 pp.

Mroziac, M.L., M. Salmon, and K.W. Rusenko. 1997 "The Effects of Mammalian Predation and Human Impact on Sea Turtle Nests on Boca Raton's Beaches: A Reevaluation of Nest Caging as a Management Strategy." Epperly, S.P. and J. Braun, compilers *Proceedings of the Seventeenth Annual Workshop on Sea Turtle Biology and Conservation*, U.S. Dept. Commer. NOAA Technical Memorandum NFMFS-SEFSC-415, 294 pp.



- Rusenko, K.W. and L. Wood. 1996 "Nesting Surveys and Nest Survivabilities for Sea Turtles on Juno/Jupiter Beach, Florida During 1990-1994" Keinath, J.A., D.E. Barnard, J.A. Musick, and B.A. Bell, compilers, *Proceedings of the Fifteenth Annual Workshop on Sea Turtle Biology and Conservation*, U.S. Dept. Commer. NOAA Technical Memorandum NFMFS-SEFSC-387, 355 pp.
- Gammon, W.R., K. Rusenko, E. Lee, and R.A. Briggaman. 1991 "Cloning and Sequencing of a Full Length Complementary DNA for Human Linkin." Clin. Res. 39:322A
- Gammon, W.R., L. Abernethy, K. Mangum, K. Rusenko, J. Wright, and R.A. Briggaman. 1991 "Cloning of a Partial Complementary DNA for the Pro-Alpha Chain of Human Type VII Collagen." J. Invest. Dermatol. 96:532A
- Rusenko, K.W., W.R. Gammon, R.A. Briggaman. 1989 "Type VII Collagen is the Antigen Recognized by IgA Anti-Sub Lamina Densa Autoantibodies." Clin. Res. 37:626A
- Swift, D.M., K.W. Rusenko, and A.P. Wheeler. 1989 "Characteristics of the Organic Matrix-Like Material Isolated from Frustules of the Fresh Water Diatom *Cyclotella meneghiniana*." In-*Abstracts of Papers Presented at the Meeting, American Chemical Society*. 197<sup>th</sup>:156 I & EC
- Rusenko, K.W., J.E. Donachy, and A.P. Wheeler. 1989 "Purification and Characterization of a Shell Matrix Phosphoprotein from the American Oyster." In- *Abstracts of Papers Presented at the Meeting, American Chemical Society*. 197<sup>th</sup>:118 I & EC
- Sikes, C.S., A.P. Wheeler, and K.W. Rusenko. 1989 "Regulation of Calcium Carbonate and Phosphate Formation by Matrix Proteins and Their Synthetic Analogs." Connective Tissue Res. 22:924.
- Rusenko, K.W., W.R. Gammon, and R.A. Briggaman. 1988 "Micro-Scale Purification of Type VII Procollagen from WISH Cell Serum-Free Extract." J. Cell Biol. 107:807a.
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- Wheeler, A.P., C.S. Sikes, K.W. Rusenko. 1987 "The Role of Structural Features of Oyster Shell Organic Matrix in Biomineralization." Amer. Zool. 27:54A.
- Wheeler, A.P., K.W. Rusenko, C.S. Sikes. 1987 "Organic Matrix from Carbonate Biomineral as a Regulator of Mineralization." Chem. Eng. News 66:62.
- Rusenko, K.W., Wheeler, A.P., J.W. George, and C.S. Sikes. 1985 "Calcium Binding by Molluscan Matrix: Effects of Ionic Strength and Relevance to Biomineralization." Amer. Zool. 25:50A.
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Rusenko, K.W., and R.W. Stach. 1981 "Evidence for Covalent Attachment of <sup>125</sup>I β-Nerve Growth Factor to its Receptor." Fed. Proc. 40:1878.

Rusenko, K.W., and R.W. Stach. 1980 "Interaction of <sup>125</sup>I β-Nerve Growth Factor with Acidic Proteins." Fed. Proc. 39:2165.

**Recent Professional Service:**

Editor for the Journal of Aquaculture & Marine Biology, starting 2014

Asked to serve as expert witness for the Town of Longboat Key, FL for a permeable adjustable groin project on the island, January 2014.

Invited to serve as sea turtle lighting expert for International Dark-Sky Association for a project to retrofit lighting in local, State and Federal park areas in the Florida Panhandle. (2013-2016)

Invited Appointment: Asked to review beachfront lighting plans for the Hollywood Beach, Florida Community Redevelopment Agency (2012 to present)

Associate Editor for Journal of Coastal Research 2011 to present.

Invited Appointment: Committee Member, Sea Turtle License Plate Grant Committee, 2010-2011.

Invited Appointment: Worked with Federal, local government representatives, and residents in Costa Rica to resolve development issues in Playa Grande. (2007 and 2009)

Served as expert witness in the Palm Beach County Reach 8 Renourishment case in 2007.

Invited Appointment: Asked to serve as lighting expert on Hollywood Beach Broadwalk Redevelopment Project. Did not finish project due to an insistence to use inappropriate lighting. (2003)

**Scientific Committees and Advisory Service:**

Palm Beach County Groundwater and Natural Resources Protection Board,  
Biologist/Chemist seat, 2012 to present.

Scientific Advisor for Sea Turtle Oversight Protection (STOP) in Broward County, 2010 to present.

Participant in Coastal Wildlife Conservation Initiative for the Florida Fish and Wildlife Conservation Commission, 2011 to present).

### **Invited Lectures:**

International Dark-Sky Association (IDA) Annual General Meeting: Invited to co-host a section "Artificial Light at Night: Impacts to Reptiles", presented "*Dark Skies at Night- Sea Turtle's Delight*", November 2015.

Environmental Studies Council Lecture Series, Jensen Beach, FL. *Is Too Much Light at Night Bad for People and Sea Turtles?*, March 2015.

South East Regional Sea Turtle Meeting, Co-hosted a Lighting Workshop with Matt Root from the International Dark-Sky Association., February, 2015

Florida Atlantic University, Geosciences Colloquium, *Deciphering Sea Turtle Nesting Behavior Using GIS.*, November 2014

Kennedy Space Center Lighting Management Workshop, *Sky-Glow, Sea Turtles, and People*, May 2014

FL Fish and Wildlife Conservation Commission, Marine Turtle Permit Holder's Annual Meeting: *Wide Beaches and Low Dune Profiles Enhance Sky-Glow Impacts on Sea Turtles*, February 2013.

International Dark-Sky Association (IDA): Invited to speak at annual conference, *Sky-Glow Effects on Sea Turtle Behavior*, November 2013.

Florida Shore and Beaches Preservation Association (FSBPA): Invited to speak at annual conference, *Do Wider Renourished Beaches Enhance Sky-Glow Effects on Sea Turtles?*, September 2013

American Water Resources Association: *How Florida's Sea Turtles Fare in Today's Environment*, 2012.

South East Red Fox Symposium, Wilmington, NC: *Humane Protection of Sea Turtle Nests*; Invited by the US Humane Society, 2010

Duke University Talent Identification Program (TIP) summer class, Q and A with high school TIP students on sea turtles, 2010 (via Skype).

Coolhub, Global Science Seminars, Sponsored by Chicago Field Museum and Shedd Aquarium: *Migration and Reproductive Strategies of Loggerhead Turtles*, via SKYPE, May 2010.

North Carolina Beaches, Inlets, and Waterways Association (NCBIWA): *Controlling Mammalian Predators with Hot Pepper Powder*. Invited to speak by the Association, 2008

Scripps Howard Institute on the Environment: *Sea Turtles in South East Florida*, 2007 and 2008

Marine Animal Rescue Society: *Sea Turtle Threats and Strandings*, 2006.

Palm Beach County Reef Rescue: *Sea Turtle Nesting Behavior in Palm Beach County, Threats and Issues.*

Public Aquarium Marine Fish Health Seminar (PAMPHS): *The Natural Aquarium Environment*, 1999.

**Awards, Grants, and Honors:**

Florida Sea Turtle License Plate Grant "Gumbo Limbo Nature Center Lighting Display" 2014

International Dark-Sky Association Dark-Sky Defender Award for Sea Turtle Protection, 2013.

Loggerhead Marinelife Center Blue Ambassador of the Year. 2013 The Blue Ambassador of the Year Award exemplifies significant local contributions in marine conservation through volunteer-related activities.

International Dark-Sky Association Lighting Design Award, 2012 for lighting retrofits on two beachfront condominiums in Boca Raton.

Habitat Restoration Grant to retrofit lighting on a beachfront condominium in Boca Raton, 2010.

City of Boca Raton, Recreation Services Employee of the Month, June 2009

City of Boca Raton, Recreation Services Employee of the Month, April 2009

Florida Sea Turtle License Plate Grant "Renovation of the Embedded Roadway Lighting Project" 2008

Children's Museum of Boca Raton, Award of Appreciation for coordinating their "Travelling Touch Tank Exhibit" May 1999

City of Boca Raton, Recreation Services Employee of the Month, November 1997

South Carolina Sea Grant Consortium, Co-Principal Investigator, "Proteins from Oyster Shell as a Basis for Biodegradable Water Treatment and Super-Absorbant Polymers", 1992-1995.

Henry Christian Award for Excellence in Clinical Research, Dermatology Subspecialty, American Federation for Clinical Research, 1991.

National Sea Grant Student Research Award, Ph.D. Level. For Excellence in Applied Marine Research, 1986.

### **Positions Descriptions:**

#### **City of Boca Raton, Gumbo Limbo Environmental Complex, 1801 N. Ocean Blvd., Boca Raton, FL 33432**

*Marine Conservationist, December 4, 1995 to Present.* Principal Sea Turtle Permit holder for the City of Boca Raton (Permit #041). Responsible for care of educational display Loggerhead Sea Turtles, Sea Turtle nesting surveys for the City of Boca Raton, supervise and train six Sea Turtle Specialists and one Sea Turtle Specialist II for nesting surveys, maintain and supply specimens in outdoor exhibit sea water tanks, conduct public Turtlewalks and sea turtle hatchling releases, develop interpretive programs for public education, conduct Marine Mammal/Sea Turtle Stranding and Salvage Activities. Responsible for sea turtle data analysis and filing reports to city, county, and state authorities. Responsible for reporting data for beach construction projects within the City of Boca Raton. Responsible for evaluating rehabilitated sea turtles for releaseability as a rehabilitation "half-way house". Established a Sea Turtle Rehabilitation Facility at Gumbo Limbo in 2010. It is now one of 4 facilities in the State that cares for green turtles with fibropapillomatosis. Responsible for maintaining and operating four 10,000 to 30,000 gallon seawater display tanks and their ocean water pumping systems as well as coordinating these operations with staff and faculty from Florida Atlantic University. Supervise one full time Aquarist to manage the seawater tanks and exhibits. Work with Planning and Zoning for all construction projects involving the Coastal Construction Control Line and review all sea turtle lighting plans in Boca Raton for new construction and fixture replacement at beachfront residences. Work with the City's GIS Department to provide accurate sea turtle nesting data that has all sea turtle crawls located by GPS (Global Positioning Satellites) in Boca Raton since 2001. Review beachfront construction permits and report potential impacts to sea turtle nest for the City of Boca Raton's Development Services Department. Monitor renourishment projects in Boca Raton for sea turtle nesting and shore bird monitoring.

#### **Florida Power and Light, St. Lucie Nuclear Plant, US Highway One, Jensen Beach, FL**

*Environmental Specialist, February 1, 1995 to September 30, 1995.* Marine Biology Research on Hutchinson Island. Capture/Rescue, tagging, and release of Sea Turtles and Fish in the Ocean Intake Canal of the plant. Sea Turtle nesting surveys of North Hutchinson Island. Conduct stranding and salvage evaluation of Sea Turtles and Marine Mammals. Assist Land Utilization Department with management of wildlife in the Intake Canal, Marine Educational Facility, and Beach and Mangrove Restoration projects. Collect fish, sharks, and rays for various municipal and state aquariums. SCUBA diving intake and discharge canals for sea turtle capture and specimen collection. Computer data analysis. Level 1 security clearance. Listed on T.P. # 99 (DEP).

#### **Marinelife Center of Juno Beach, 1200 U.S. Highway One, Juno Beach, FL 33408**

*Scientific Consultant, April 1994 to December 1995.* Set up and maintain museum exhibits and mount specimens. Conduct Turtlewalks, Sea Turtle nesting surveys, nest survivability studies. Assist with necropsies and veterinary procedures. In charge of computer data analysis. Write publications and grants for external funding of Marinelife Center projects. Care and rehabilitation of rescued Sea Turtles, Marine Fish and Invertebrates. Design and setup of laboratory facilities on site as well as coordinating the acquisition of laboratory equipment. Maintain or repair operating equipment for survival of resident marine life. Listed on T.P. # 77 (DEP).

**Thermo Separation Products, 3661 Interstate Park Rd. N., Riviera Beach, FL 33419**

*Research and Development Scientist. December 1992 to August 1994; Product Manager: August 1991 to December 1992:* Co-Project Leader for Chiral Detector, responsible for organizing appropriate team members, component troubleshooting and design, design of chemical analysis experiments for design validation. Wrote proposals for research and development of new detectors and pumps, devised new chemical analysis methods (automated and manual) for new and existing equipment. Worked with other departments to develop project design specifications as set by ISO9001 standards. Lead the conceptual and design aspects of LCtalk, a Windows-based HPLC Control and Data Analysis Program for Chemical Analysis. Worked on the initial development and specification of Hgtalk, a Windows based program to collect data from an automated mercury analysis system that analyses the data according to EPA standards. Final development of Mercury analysis system. Taught clients the use of the company's HPLC and Mercury analysis equipment, LCtalk and Microsoft Windows software. Member of Hazardous materials and chemical safety committee. Wrote manuals and Windows Help Files.

**Department of Dermatology, University of North Carolina, School of Medicine, Chapel Hill, NC 27599**

*Research Assistant Professor June 1989-August 1991; Research Specialist, November 1987-June 1989; Research Associate, November 1986-November 1987:* Supervised research labs in dermatology with 2-3 MD/Ph.D. fellows and 5-8 technicians. Responsible for hiring and training technicians, assigning duties and guiding their research projects. Worked on the purification, characterization, and DNA sequencing of a novel skin protein, Linkin. Obtained DNA and protein sequence data of Type VII collagen. Responsible for purification and characterization of Type VII collagen from human skin (normal and patients with epidermolysis bullosa) and developed serum free cell culture techniques for the collection of Type VII collagen and developed large scale purification of Type VII collagen from the cell culture media.

**Additional Professional Service/Positions Held:**

Affiliate (Adjunct Professor) for the Department of Biological Science, Florida Atlantic University. 2015-.

Research Consultant for the Department of Biological Science, University of South Alabama, Mobile, AL. Subject- Biochemical analysis of molluscan shell organic matrix proteins and synthetic analogs. June 1986-June 1987.

Research Assistant for Jerry Hubbard, Ph.D., Georgia Institute of Technology, September 1977- May 1978. Membrane transport of amino acids in halophilic bacteria, Viking Mission to Mars Data Analysis and verification.

Research Assistant for David Dusenberry, Ph.D., Georgia Institute of Technology, March, 1976-March 1977. Chemotactic response of soil nematodes.

Research Assistant for Warren Lambert, Ph.D., Clinical Psychology. Institute for Personal and Social Development, Syracuse, NY, 1975-76. Psychometry (MMPI, Weschler Adult Intelligence Scale, etc.). Evaluation of behavior modification techniques.

Research Associate for Robert Stach, Ph.D. Research Foundation of SUNY, Syracuse, NY, 1975-76. Helped set up new laboratory, train technicians in tissue culture and microdissection techniques. Protein purification and analysis, bioassays.

Lab Technician/Phlebotomist, Crouse-Irving Memorial Hospital, Syracuse, NY. 1974-1975. Performed Simple Lab Tests and blood sampling.

Research Intern, New York City Medical Examiner's Office, July 1971. Assisted Medical Examiners during autopsy procedures.

Psychiatric Aide, St. Joseph's Hospital Health Center, Syracuse, NY. 1970-1975. Therapy for inpatients, Suicide Prevention Service phone duties.

**Graduate Thesis Committee Member**

**Past:**

Melissa Mroziak, Florida Atlantic University, MS Biology 1999.

Michelle Zielinski, Nova Southeastern University, MS Biology.

**Presentations:**

Average 30 presentations per year since 2004 regarding sea turtles to K-12 schools, Rotary and Kiwanis Clubs, a variety of other clubs and organizations. Have given presentations to the International Sea Turtle Symposiums, Florida Marine Turtle Permit Holder's Meetings, and the Marathon Sea Turtle Hospital Workshops.

2008-2013. University of London, Royal Holloway School, UK- Presentations to visiting class from the university on sea turtles and other marine issues in South Florida, annually

**Media:**

Appeared in *The City Dark* documentary, film version and PBS version as an expert in sea turtles and sky-glow. (2011)

Credited in the movie *Turtle- The Incredible Journey* for assisting film crew with sea turtle "stars". (2010)

Radio interview on the Canadian Broadcasting Network regarding the sea turtle cold-stun event of 2010.

Interviewed on local NPR station 4 times regarding sea turtle issues, one interview with Carl Safina in the studio.

Featured in the book *The Voyage of the Turtle* by Carl Safina, chapter 3, 2006.

Often interviewed by local TV and print press for information/news regarding sea turtles and other marine issues. Occasional interviews by press outside of Florida.

### **Professional Memberships:**

**Member:** Illuminating Engineering Society of North America (2015 to present)  
**Member:** Florida Association for Environmental Professionals (2012 to present)  
**Member:** National Association of Environmental Professionals (2012 to present)  
**Member:** Coastal Education & Research Foundation 2011 to present.  
**Member:** Rotary International (2011 to present)  
**Member:** Society for Conservation Biology (2009 to present)  
**Member:** International Dark-Sky Association 2004-2009, 2012 to present.  
**Member:** International Sea Turtle Society (1995 to present)  
**Member:** Sigma Xi Scientific Research Society (1988 to present)  
**Member:** American Association for the Advancement of Science (1982 to present)

### **Selected Training:**

Using Mobile GIS, Florida Atlantic University 2011.

Advanced Pictometry, City of Boca Raton GIS Department, 2010

Pictometry Basics, City of Boca Raton GIS Department, 2009

### **Additional Experience:**

SCUBA certified- experienced, Certified in Underwater Photography.

Experienced in Film and Digital Photography and Photoshop.

Extensive PC experience with a variety of programs, MS Office, ArcPad, ArcGIS, and Pictometry.

Extensive experience designing GIS data collection software with consultant and collecting GIS data in the field

### **References:**

Buddy Parks, Deputy Director, Recreation Services, 201 W. Palmetto Park Rd., Boca Raton, FL, 33432

Michael Bresette, Senior Environmental Specialist, FPL-St. Lucie Nuclear Plant, Alt. A1A, Jensen Beach, FL (561-465-3550- ext. 3312 or 3852)

Dr. A.P. (Hap) Wheeler, Professor and Chairman (Ret.), Dept. of Biological Sciences, Clemson Univ., Clemson, SC (803-656-0317)



## ATTACHMENT 2

**Patrick Wille**

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**From:** TCC FAEP [tcc.faep@gmail.com]  
**Sent:** Monday, April 16, 2012 9:46 AM  
**To:** Rusenko, Kirt; Patrick Wille  
**Subject:** Re: Application for Groundwater and Natural Resources Protection Board Biologist Position  
**Attachments:** KWR\_RES\_120401.docx; RUSENKO\_GNRPB\_APP002.pdf

Kirt,

Congratulations! The TCC-FAEP Board voted to nominate you as our member on the GNRPB. I will pass your information on to the GNRPB (Patrick Willie) and you should hear from them directly.

Thank you for your involvement,

Arnaud Roux

On Wed, Apr 11, 2012 at 1:19 PM, TCC FAEP <tcc.faep@gmail.com> wrote:  
Kirt,

Thanks for your application. We will review yours as well as others in the upcoming days and let you know.

Thanks,

Arnaud Roux

On Sun, Apr 1, 2012 at 2:17 PM, Rusenko, Kirt <KRusenko@ci.boca-raton.fl.us> wrote:

Dear Dr. Roux,

Attached please find my application for the Biologist/Chemist position for the Palm Beach County Groundwater and Natural Resources Protection Board. Also attached is a recent copy of my resume. As requested, I have recently joined the FAEP and NAEP. If you wish, I can mail the original application.

I appreciate your help, please do not hesitate to contact me if you need any further information.

Kirt Rusenko, PhD

Marine Conservationist

Gumbo Limbo Nature Center

1801 N. Ocean Blvd.

Boca Raton, FL 33432

PH- 561-338-1587

FAX- 561-338-1483



[www.GumboLimbo.org](http://www.GumboLimbo.org)

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Please note: Florida has a very broad public records law. Most written communications to or from local officials regarding city business are public records, and are available to the public and media upon request. Your e-mail communications may therefore be subject to public disclosure.

The City of Boca Raton scanned this outbound message for viruses, vandals and malicious content and found this message to be free of such content.

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## GROUNDWATER &amp; NATURAL RESOURCES PROTECTION BOARD

SEAT ID	CURRENT MEMBER	ROLE TYPE	RACE CODE	GENDER	BUSINESS / HOME PHONE	SEAT REQUIREMENT	APPOINT DATE	REAPPOINT DATE	EXPIRE DATE
<b>Appointed By : At-Large/Palm Beach County Board of County Commissioners</b>									
1	William P. Snow AECOM Technical Services, Inc. 2090 Palm Beach Lakes Blvd Ste 600 West Palm Beach FL 33409	Member	CA	M	561-684-3375	Professional Engineer	04/05/2008	05/06/2014	05/05/2017
<b>NOMINATED BY :</b> Florida Engineering Society - PBC Chapter									
2	W. Scott Mason Fox Rothschild, LLP  222 Lakeview Ave Ste 700 Esperante Building West Palm Beach FL 33401	Member	CA	M	561-804-4432	Attorney	03/12/2013	03/01/2016	02/28/2019
<b>NOMINATED BY :</b> PBC Bar Association									
3	Allen Trefry  14939 Palmwood Rd Palm Beach Gardens FL 33410	Member	CA	M	561-625-6610	Environmental Organization Representative	05/18/2010	05/06/2014	05/05/2017
<b>NOMINATED BY :</b> Arthur R. Marshall Foundation & FL Environmental Institute, Inc.									
4	* Kirt W. Rusenko Gumbo Limbo Nature Center 1801 N Ocean Ave Boca Raton FL 33432	Member	CA	M	561-544-8613	Chemist	06/19/2012	08/13/2013	08/12/2016
<b>NOMINATED BY :</b>									

\* indicates a member having an action pending

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

5	Artice "Art" Cobb, Jr.	Member	AA	M	561-881-0784	Resident of Palm Beach County	03/09/2010	03/01/2016	02/28/2019
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1002 Aspri Way  
Riviera Beach FL 33404

NOMINATED BY :

6	Michael W. Bennett	Member	CA	M	561-791-2537	Hydrogeologist	09/09/2014		09/08/2017
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373 Knotty Wood Ln  
Wellington FL 33414

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

7	James L. Andersen JLA Geosciences, Inc.	Member	CA	M	561-476-0228 X102	Business Owner	11/18/2014		11/17/2017
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1931 Commerce Ln Ste 3  
Jupiter FL 33458

NOMINATED BY :

\* indicates a member having an action pending

ATTACHMENT 4

## 2014 MEMBER ATTENDANCE LISTING

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	05/02/2014	03/11/2016	05/02/2014	08/12/2016	03/11/2016	08/15/2014	10/31/2014			
CHAIR/VICE	CHAIR				VICE CHAIR		VICE			
VOTING CONFLICT	0	0	0	0	0	0	0			
2014 MEETING DATES										
01/16/2014	MEETING CANCELED									
03/20/2014	MEETING CANCELED									
05/15/2014	MEETING CANCELED									
07/17/2014	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 MICHAEL BENNETT	Seat No. 7 JAMES ANDERSEN	ATTORNEY(S)	MEETING TIME	
									START	END
MEMBER SINCE	04/05/2008	03/12/2013	05/18/2010	06/19/2012	03/09/2010	08/15/2014	11/18/2014			
TERM START	05/06/2014	03/12/2013	05/06/2014	08/13/2013	03/12/2013	08/15/2014	11/18/2014			
TERM EXPIRES	05/05/2017	03/11/2016	05/05/2017	08/12/2016	03/11/2016	08/14/2017	11/17/2017			
CHAIR/VICE	CHAIR				VICE CHAIR					
VOTING CONFLICT	0	0	0	0	0	0	0			
2014 MEETING DATES										
09/18/2014	MEETING CANCELED									
11/20/2014	MEETING CANCELED									



Palm Beach County Board of County Commissioners  
Groundwater and Natural Resources Protection Board  
**2015 MEMBER ATTENDANCE LISTING**

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 MICHAEL BENNETT	Seat No. 7 JAMES ANDERSEN	ATTORNEY(S)	MEETING TIME	
									START	END
MEMBER SINCE	04/05/2008	03/12/2013	05/18/2010	06/19/2012	03/09/2010	08/15/2014	11/18/2014			
TERM START	05/06/2014	03/12/2013	05/06/2014	08/13/2013	03/12/2013	08/15/2014	11/18/2014			
TERM EXPIRES	05/05/2017	03/11/2016	05/05/2017	08/12/2016	03/11/2016	08/14/2017	11/17/2017			
CHAIR/VICE	CHAIR				VICE CHAIR					
VOTING CONFLICT	0	0	0	0	0	0	0			
2015 MEETING DATES										
01/15/2015	PRESENT	PRESENT	PRESENT	ABSENT	PRESENT	PRESENT	ABSENT	Fox/Helfant	1:33 PM	3:14 PM
03/26/2015	MEETING CANCELED									
05/21/2015	MEETING CANCELED									
07/16/2015	ABSENT	PRESENT	ABSENT	PRESENT	PRESENT	ABSENT	PRESENT	Fox/Helfant	1:30 PM	1:57 PM
09/17/2015	MEETING CANCELED									
11/19/2015	MEETING CANCELED									



Palm Beach County Board of County Commissioners  
Groundwater and Natural Resources Protection Board

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 MICHAEL BENNETT	Seat No. 7 JAMES ANDERSEN	ATTORNEY(S)	MEETING TIME	
									START	END
MEMBER SINCE	04/05/2008	03/12/2013	05/18/2010	06/19/2012	03/09/2010	08/15/2014	11/18/2014			
TERM START	05/06/2014	03/12/2013	05/06/2014	08/13/2013	03/12/2013	08/15/2014	11/18/2014			
TERM EXPIRES	05/05/2017	03/11/2016	05/05/2017	08/12/2016	03/11/2016	08/14/2017	11/17/2017			
CHAIR/VICE										
VOTING CONFLICT										
2016 MEETING DATES										
01/21/2016	MEETING CANCELED									

[illegible]

ARTICLE 2.G.3.F.3, ULDC

F. Groundwater and Natural Resources Protection Board

1. Establishment

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

2. Powers and Duties

The GNRPB shall have the following powers and duties:

- a. to hold hearings as necessary to enforce Article 14, ENVIRONMENTAL STANDARDS. ERM may refer alleged violations of Art. 14 Environmental Standards, and Art. 4.D, Excavation, Ord. 2003-020, Petroleum Storage Systems, Ord. 2003-021, Petroleum Contamination Clean-up criteria, Ord. 2004-050, Stormwater Pollution and Prevention, Natural Areas, Ord. 1994-014 and Ord. 1993-003, Water and Irrigation Conservation as amended to the GNRPB, 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; [Ord. 2006-004] [Ord. 2010-022]
- b. to adopt rules of procedure for the conduct of hearings;
- c. 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;
- d. to issue subpoenas compelling the provision of evidence at GNRPB hearings;
- e. to take testimony under oath;
- f. to issue orders having the force of law commanding whatever steps are necessary to achieve compliance with the violation of Article 14, ENVIRONMENTAL STANDARDS;
- g. to lien property; and
- h. to assess administrative fines and costs pursuant to Article 14, ENVIRONMENTAL STANDARDS.

3. Board Membership

a. Qualifications

The GNRPB shall be composed of seven members appointed by the BCC upon a recommendation by the organization listed in Table 2.G.3.F, GNRPB Membership. 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 or a hydrogeologist, a citizen possessing expertise and experience in managing a business, a biologist or a chemist, concerned citizen and a member of an environmental organization. [Ord. 2011-001]

Table 2.G.3.F - GNRPB Membership

Affiliation	Organizations
Professional Engineer	Palm Beach Chapter Florida Engineering Society
Attorney	Palm Beach County Bar Association
Hydrologist or Hydrogeologist	Florida Association of Professional Geologists Society
Citizen with Business management expertise	At Large
Biologist or Chemist	Florida Association of Environmental Professionals
Environmental Organization	Native Plant Society
Concerned Citizen	At Large
[Ord. 2011-001]	

b. 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.

4. Secretary and Staff

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

5. Meetings

a. 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.