

Application for Service

Profile

Barbara

First Name

J

Middle Initial

Altenburg

Last Name

2850 S Ocean Blvd

Home Address

Apt 306

Suite or Apt

Palm Beach

City

FL

State

33480

Postal Code

barbaraaltenburg@comcast.net

Email Address

Home: (908) 337-1961

Primary Phone

Alternate Phone

Question applies to multiple boards

I am a resident of the Town of Palm Beach (Initial below)

YES - BJA

Question applies to multiple boards

Please attach proof of Town of Palm Beach residency. Failure to attach proof of residency shall be grounds to reject your application. Proof of residency shall be either a copy of your Florida's Driver's License matching the address of your residence as shown on this application, a copy of a utility bill in your name at the residence address shown on this application, or by providing an original, fully executed and notarized Declaration of Domicile with this application.

Question applies to multiple boards

verified kmc

Please upload proof of residency

Which Boards would you like to apply for?

Shore Protection Board: Submitted

In what area of town do you live?

☒ South

Interests/Experience

Barbara J Altenburg

Question applies to Shore Protection Board

Why are you interested in serving on the Shore Protection Board?

I would like to participate and provide the expertise of my training in Ocean Engineering and years of experience as a practicing Professional Engineer to preserve and protect the shorelines of Palm Beach.

Question applies to Shore Protection Board

How many meetings of the Shore Protection Board have you attended in the last year?

None

Please indicate if there are any periods of time for which you will be unavailable for meetings.

I can be available all year although traveling more in summer.

Question applies to multiple boards

If you have served on any boards/commissions/committees in the Town of Palm Beach or elsewhere, please list them and include details such as length of service, attendance record, etc.

No recent Board Experience, however I have worked with State Utility Boards, professional Engineering Boards, Technical Society Boards and worked for Planning Boards, one being the Area Planning Board of Palm Beach County a ver long time ago. No time served on boards in Town of Palm Beach

Question applies to Shore Protection Board

Please list your qualifications specifically relevant to shore protection, including any degrees or certifications you possess.

I have a Bachelors Degree in Ocean Engineering from MIT. I was a Professional Engineer in the State of NJ. I worked for gas utilities in the northeast and am familiar with heavy construction and pipes, pumps and corrosion. I have an MBA in finance from Seton Hall University. I have experience with budgets and project management. My last position was Director of Gas Engineering for Orange and Rockland Utilities. I have strong experience in safety and regulatory compliance.

Question applies to Shore Protection Board

Please describe your experience with the design and/or construction of coastal protection projects.

My experience is in pipeline construction and operation. I believe there are strong parallels especially in regard to pumping operations. I had intended to have a career in shoreline protection but found a niche and success in gas utilities. My training at MIT was in Ocean Engineering, and I also was in the Ocean Engineering course at Florida Atlantic for a full year before returning to MIT to finish my undergraduate degree. My first jobs out of college were in coastal zone protection.

Barbara J Altenburg

Question applies to Shore Protection Board

Please describe any particular knowledge or experience you may have regarding alternative or emerging shore protection technology or coastal management processes.

When I worked at the Area Planning Board of Palm Beach County, I reviewed many coastal development applications where we steered applicants away from sea walls to planting fringes of mangrove with docks traversing to deeper water. Not an emerging technology for sure but it caught on since the dredge and fill projects on the Lake Worth are not like they used to be. I am interested in new technologies but I am very concerned with environmental impacts on wildlife and shore preservation, I don't think shoreline protection is a high tech proposition but one of being good stewards, keeping the projects tight, on budget and preserving and building dunes. Lastly it's educating the public to stay off the dunes. The dunes and grass serve a purpose.

Are you a member of any of the following organizations? (Check all that apply)

- ☒ Citizens' Association of Palm Beach
- ☒ National Trust for Historic Preservation

Present Occupation

Retired

No. of years

8 yrs

Past occupation(s)

Planner/ Research Specialist Area Planning Board Palm Beach County Coastal Zone Specialist- Union County NJ Planning Department Engineer -Elizabethtown Gas Co (8 years) Engineer- Pipeline Integrity Manager-PSE&G(26 years) Auditor- Gas regulatory and safety compliance -the Shoemaker Group
Director of Gas Engineering O&R Utilities

No. of years

Total- 39 yrs working

Please provide details regarding your educational background:

MIT BS Ocean Engineering Seton Hall University - MBA Finance Professional Engineer in NJ 35 years
Professional Planner in NJ 30 years

Upload a Resume

Have you ever been convicted or pled guilty or nolo contendere to a crime other than minor traffic violations?

☐ Yes ☒ No

If you are currently serving on a Town board, commission, or committee, please identify in the space below and check the "I Agree" box indicating that you will resign from that position if you are appointed to the position you are seeking in this application.

I agree that I will resign from the board, commission, or committee if I am appointed to the position I am seeking in this application.

☒ I Agree

To enable Town Council to consider potential conflicts of interest, please list the family members who live and/or work in the Town of Palm Beach, including your spouse, parents, siblings or children.

Spouse : Dudley Hill Rose lives with me at 2850 S Ocean Blvd

Demographics

Question applies to Shore Protection Board

The following information is needed to facilitate Town reporting requirements in Florida Statute 760.80. Please check one in each category.

Some boards and commissions require membership to be racially, politically or geographically proportionate to the general public. The following information helps track our recruitment and diversity efforts.

Ethnicity

☒ Caucasian/Non-Hispanic

Gender

☒ Female

Physically Disabled

☐ Yes ☒ No

I hereby certify that I have read the sections of the Town Code of Ordinances for the particular board/commission/committee that I have selected above and have noted the description of the board/commission/committee and its members' duties, and further I have read the regulations concerning absences and conflicts of interests. I certify the information given by me is true and complete to the best of my knowledge and belief. I understand that any falsification of material facts will be grounds for rejection of this application of dismissal after appointment.

☒ I Agree

Question applies to Shore Protection Board

Please attach proof of Town of Palm Beach residency (as listed above) with this application.

Please note that Board/Commission applications will expire on December 15 each year.

SHORE PROTECTION BOARD

The Shore Protection Board acts in an advisory capacity and makes recommendations to the Town Council in matters relating to shore protection, coastal management, beach nourishment, coastal armoring, the sand transfer plant, and matters relating to the Town's Lake Worth lagoon shoreline. The scope of the Board shall include long term planning, budgeting, lobbying, public education, and intergovernmental coordination. Members of the Board shall possess knowledge of or interest in shore protection, coastal management, and/or beach nourishment. The Board shall be composed of seven members to be appointed by the Town Council. Members of the Board shall serve for terms of three years. Each member of the Board is required to be a resident of the Town of Palm Beach, except that one member of the Board may be a non-Town resident who possesses specific knowledge or skills directly related to shore protection, coastal management, and beach nourishment. The Board shall hold at least four meetings per year and more if deemed necessary.

Barbara J. Altenburg
2850 South Ocean Blvd., #306
Palm Beach, FL 33480
(C)908-337-1961
barbaraaltenburg@comcast.net

E D U C A T I O N

Massachusetts Institute of Technology, Bachelor of Science Degree - Ocean Engineering , School of Engineering 1975

Seton Hall University, Masters of Business Administration, Finance 1982

Licensed Professional Planner, NJ LI 2419 retired

Licensed Professional Engineer, NJ GE 26344 retired

E X P E R I E N C E

Orange and Rockland – Spring Valley, NY 2012 – 2014 Director Gas Engineering, Duties involved management of all the below listed activities for PSE&G but at a higher management level, including overseeing new construction budgeting and project management.

AE Systems Engineering – Self employed – Gas Industry Consulting, sub contract to Shoemaker Group for gas pipeline safety audits 2011 - 2016

Public Service Electric and Gas Company 80 Park Plaza, Newark, NJ 07102

December 1986 – 2012

Pipeline Integrity Manager – 2004- present – Responsible for development of safety programs relating to gas pipeline facilities incorporating industry best practices and preventive measures to meet or exceed the requirements of CFR 49 Part 192, and for ongoing prioritization of risks and threats to PSE&G's pipelines, following industry developments as experience is gained with pipeline assessments, and fulfilling facility documentation requirements. Personally responsible for the effectiveness of PSE&G's Pipeline Integrity Plan since inception in 2004. I interface with the public and municipal emergency responders on an ongoing basis, as well as with company management in assuring compliance and securing funds and other resources needed to complete the program requirements and maintain sustainable protection from pipeline threats. Responsible for preparing the Gas Transmission Annual Reports and the IMP Performance Measures Report to PHMSA. Under my direction, PSE&G has used GIS to capture location and facility data since 2005 to bring at a glance comprehensive understanding to the relation of facilities to test data and to HCA or environmentally sensitive areas.

Analyze metrics and performance trends, and manage all corrosion control activities and steel facility maintenance of Gas Distribution facilities (5000 miles of steel main, and 550,000 services) as well as personnel management for this specialized technical department – 13 direct reports + 17 seasonal interns. Active participant in business planning and forecast development for gas transmission delivery operations, budget control and special rate development. Oversee

construction and maintenance of gas transmission lines in accordance with federal mandates and to meet company operational requirements.

Distribution Manager – Gas Operations, 2002-2004 -Managed a field location of 150 craft and supervisory employees. Responsible for 15MM budget, labor negotiations and productivity as well as operational performance in safety and reliability for the department. Performed safety and budget benchmarking against other Districts as a management tool, and personally headed morning discussions at crew morning meetings on gas operator safety on a wide span of gas construction safety issues daily for two years. Responsible for construction procedure approvals including live gas operations. Work in District was subject to State audits for operator qualification and construction and maintenance practices in conformance with Part 192 and NJ State Administrative Codes.

Consultant - Business Pricing, 1999-2002 Conservation incentive development for competitive energy services. Combined technical and business intelligence gathered from customers and contacts in the industry for development of design incentive awards, commissioning incentives, and rebate incentives. Interface with engineer/architects to gather intelligence to effectively incorporate energy conserving equipment and design into new energy efficiency equipment subsidy requests. Performed nationwide market research on innovative measures that complied with regulatory mandates for efficiencies, and served as PSE&G's representative in the deployment of the NJ Smart Start Program in conjunction with the other NJ Utilities.

Manager - Proposals - PSEG Energy Technologies, 1997-1999 Competitive services, bundling technical solutions with large volume commodity offerings. Managed a team to develop unique energy solutions that delivered the best overall combination of financing, risk and cost effective capital improvements. Prepared complex presentations for clients on projects that aligned parallel resources for delivery of complex engineering solutions that could be self-financing out of future energy savings if the projects were implemented. My major role was to master the software models, which were intricate, and required a high degree of technical analysis, and then, upon reaching an optimum combination, translate the project into laymen terms with a high level of persuasive reasoning

Utilization Manager, and various engineering positions, Public Service Electric and Gas Company 1986-1997 As a gas utilization expert, I was the go-to person for all gas matters from the meter and then beyond on the customer side of the meter. I resolved customer problems and gas safety concerns by providing expertise and guidance involving fuel supply pressures, quality, energy management, code compliance, and environmental compliance issues. I promulgated gas safety code information for PSE&G personnel as well as to independent plumbers and HVAC installers and engineers through networking, presentations, consultations and the publication of several updates to the PSE&G Gas Appliance Installation Safety Guide and through development of trade ally partnerships in each geographical area of PSE&G.

As Utilization Manager, I was a local driver for the development of new national guidance for appliance venting and chimney/venting integrity as necessitated by the adverse effects of condensation from cooler flue gases of higher efficiency gas equipment introduced in the mid 1980's. I worked with AGA, GRI (GTI) and Battelle Labs on an analysis of vent size and length and appliance size to create new flue gas vent sizing tables. Carbon monoxide detectors were also being developed by industry at this time, and the first ones commercially available were promoted by PSE&G to customers under my direction. I had been on several carbon monoxide investigations and used this experience to develop a joint education program regarding flue gas spillage and carbon monoxide response with the US Fire Marshalls, which was then rolled out to all fire departments within PSE&G

territory as a joint presentation between the two agencies and the State of NJ Dept. of Community Affairs division of Code Enforcement. It was very effective and has proactively addressed many of the circumstances that can cause CO poisoning from improperly installed gas appliances.

In Gas Utilization, my operational responsibility was within PSE&G's Service Department, and included budget development, code interpretation and technical oversight. I performed analytical studies of leak trends and main replacement requirements using data and models from several sources. I had oversight for the management of inputs to the information systems that maintained asset performance data. I was a contributor in several gas base rate requests to address revenues and depreciation formulas, as well as leading teams to resolve other tariff operational issues for rate cases.

Elizabethtown Gas Company, 1 Elizabethtown Plaza, Elizabeth, NJ 07200 (1978 - 1986)

Manager – Measurement and Environmental 1984-1986 – Responsible for all metering and gas regulation, including code compliance with MAOP and overpressure protection at gate stations. Meter Sampling Program for quality control, including statistical analysis of meter families and regression results for predicting meter accuracy degradation with time. Corrosion prevention responsibilities.

Rate Analyst 1983 – Cost of Service studies.

Staff Engineer, then Sr. Staff Engineer 1978-1982 – Responsible for maintenance of Codes and Standards, ensuring the company had the latest codes that were incorporated by reference. Assigned to the Codes and Standards Committee to evaluate how new equipment or methods for construction met current codes and standards. Responsibility for filing the Annual reports to DOT. Performed energy audits within the company to reduce energy used at company facilities. Designed new pipeline facilities, gate stations and gas indirect fired heater installations. Specified materials and ratings and construction procedures for pipeline jobs.

Union County NJ Planning Dept – 1978 Associate – Coastal Zone Planning – conducted and completed a Coastal Zone Study of the onshore impacts of offshore oil and gas development, including identifying landing sites for support c=faciolities that would bear the associated impact of development.

Area Planning Board of Palm Beach County – 1975-1978 – Research Specialist – Review of Dredge and Fill applications for development, presentation to Area Planning Board on modification requests to minimize impact on environment, Lots of dock applications, some big developments, Represented the County Planning Department on Coastal Zone issues . Assignment was withing the non-point pollution impact group.

C O M M I T T E E S A N D A W A R D S

- 2011 Engineer of the Year, NJ Society of Professional Engineers
 - Engineer of the Year 1997 - N.J. Chapter of the American Society of Mechanical Engineers
 - American Gas Assoc. International Committee for Gas Appliance Safety (Japan-USA 1995-97)
 - Gas Research Institute Industrial Utilization Advisory Group (1991-93, 1995-96)
 - Gas Research Institute Carbon Monoxide Detector Technical Advisory Group (1994-95)
 - Gas Research Institute Power Generation Advisory Group (1992-94)
 - AGA Corrosion Control Committee 2004-present
 - AGA Pipeline Integrity Management Task Force 2004
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- Leadership award from NJ Women Business Owners for starting a mentoring network 2003
 - Participation on several New Jersey Energy Master Plan subcommittees. 2006-2007
 - Engineer of the Year 2010 - NJ Society of Professional Engineers
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P R O F E S S I O N A L A S S O C I A T I O N S

American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) (1988 to present) President of the New Jersey Chapter - (1996-97) -

New Jersey Society of Professional Engineers (NJSPE) - (1978 to 2019)

Elected State Trustee at Large 1996-98 - State Board 1990 - 1998

President of the Union County Chapter 1992-93

Chapter Trustee – Union County Chapter 1999 to 2009

American Institute of Chemical Engineers - AIChE (1979 to present)

Society of Gas Operators (1995 to present) Executive Board 2000 to present, President 2004-2005

Gateway Chamber of Commerce (Union County Chamber of Commerce)- Board of Directors 2002 to 2005

US Green Building Council – (2002 to 2010) Founding member of the NJ Chapter

NJ Association of Energy Engineers (2002 to present) –President of the New Jersey Chapter 2007-2008

Chapter Treasurer 2009 to 2011
