Letter from the Chair

by Chris Andreassen

Our year is certainly off to a terrific start. September was a busy month for our Section with a host of successful activities taking place including events and a flurry of TCH training opportunities from committees. We finished the month with our always popular Fall Conference and golf outing, and our activities continue through the Fall with additional events and seminars. Each year we improve on our activities, and I would like to commend and thank all of the dedicated volunteers who help make these events so successful.

In the last issue, I asked you to ponder the similarities between NJAWWA and something we are all familiar with, a pipeline. If we look at the pipeline, regardless of what the pipeline is made of, or when it was built, or how big it is, what you will get out of it is what you put into it. And what you get out of NJAWWA is also mostly based on what you put into it. It can be learning from seminars and conferences that you choose to attend, or broadening your experience and creating new relationships through participating in a committee and helping create a successful program. The more you do, the more value you receive. I encourage you to get more involved in NJAWWA, and take advantage of these opportunities.

Terry Roland, President of our national American Water Works Association (AWWA), described in his annual message three values:

1) the value of water,
2) the value of AWWA membership, and
3) the value of AWWA involvement.

I think this is a great outline of priorities, and I’ve already described some of the values of AWWA membership and involvement in NJAWWA.

The value of the high quality water that we as water professionals deliver to our customers 24 hours a day, 365 days a year is cer...

Meet Our New Trustee

by Margie Gray

On August 1st, Lindsey Lento joined the NJAWWA Board of Trustees. Lindsey, a Design Engineer with American Water who holds Bachelor’s and Master’s degrees in Civil Engineering from Rutgers University, joined the Section in 1999 and soon became involved in the Student Affairs Committee and the Membership Services Committee. Lindsey has served 6 years on the Student Affairs Committee and 5 years on the Membership Services Committee, spending two years each as chair of these committees. During her service on these committees, Lindsey has enjoyed getting Young Professionals (YPs) like herself more involved and seeing the power of networking with other YPs and experienced professionals.

When asked why she wanted to become involved as Trustee and what she hoped to accomplish, Lindsey had the following to say:

“This is an amazing organization and to become a Trustee is an incredible opportunity to become as intimately involved in the organization as you can. I am looking forward to bringing more YPs into the organization in active roles. There are a lot of talented YPs in NJAWWA, and I look forward to tapping into those resources to help NJAWWA grow as an organization. Lastly, I would like to help employers see the benefit of encouraging their YPs to join and become active in NJAWWA. I hear too often from YPs that they would like to get involved, but they don’t have time from their employer or they are not encouraged from their employer and therefore feel discouraged to actively participate in NJAWWA.”

Margie Gray is an Engineer with Hatch Mott MacDonald and Chair of the Publications Committee.
days a year, is often taken for granted by consumers. Unfortunately drinking water is brought into the public spotlight mostly when there is not enough of it, or some other problem. Reminding consumers and promoting the value of tap water every day is an ongoing effort and nothing new to the water works industry. Promoting this awareness is a difficult issue to stay with, especially as everyone gets caught up in the day to day work of delivering the water, and everything is working well. We must continually remind our consumers of the great value that tap water provides all year round. AWWA has rolled out a campaign nationally, “Only Tap Water Delivers”, to assist with this, and it highlights all of the values of water, including those beyond just consumption. One of the graphic ads highlighting this value is included to the right, and these are available to Utility Members from AWWA. NJAWWA is looking to build on these efforts and other activities to reinforce this message in New Jersey.

One of these activities is National Safe Drinking Water Week, celebrated each year during the first week in May. Last May these activities were successfully expanded and included a watershed cleanup, displays at the State capital, a statewide children’s poster contest, and more. While next Spring may seem like a long way off, next year’s programs, scheduled for May 6-May 12, 2007, are already being planned through our Section’s Drinking Water Week Task Force, and promises to be even better. Please contact Stacy Fysz if you’d like to participate, or for further information.

Our internal look at NJAWWA’s operations under the guidance of the Section’s Ad-hoc Corporate Governance Committee has been reported to you over the last year, and an initial proposal has been endorsed by the Board of Trustees. The most substantive change being recommended is the expansion of the Section’s the Board of Trustees from seven to nine members, and changes to the minimum term requirements and successions through the officer positions, known by many as “going through the Chairs”. The overall objective of these changes is to increase the ability for member participation at the Board level. We would like additional feedback on these important changes from our members. A one page questionnaire explaining the proposal and asking a few questions was created and is included on page 10 of this issue of Pipeline. Please take the time to review the information, fill it out and send it in. If there are any comments or questions on this initiative, please include them on the questionnaire, or feel free to discuss this with any Trustee, or Russell Ford who is heading up the questionnaire process.

Over the past few months I’ve been able to talk with many of you about NJAWWA, how we are doing, and yes, to promote the Section activities. I hope to be able to meet up with more of you as the year goes on. As I’ve said before, the strength of our Section is our members and their participation, and I am pleased to see this involvement growing. I encourage you to read through this newsletter and our website at www.njawwa.org to see what is available, and contact any of the many volunteers to become more active. I assure you the value obtained will be well worth the effort, and you will be glad you did.

Chris Andreassen is the Director of Engineering of Middlesex Water Company and is the Chair of the New Jersey Section of AWWA.

Do you know how often you turn me on?

If only the water faucet could talk to us. It might remind us how often we turn it on for safe water to drink, to wash our clothes, to prepare our food, to provide us with the everyday quality of life we enjoy. It might remind us that the water pipes below our streets make so many everyday conveniences possible.

Our water bills pay to keep our community tap water safe, reliable and there for us — 24/7 without fail. For more information about what your tap water delivers, visit your website URL here.

Only Tap Water Delivers

For more information on the “Only Tap Water Delivers” campaign, please visit www.onlytapwaterdelivers.org

Member Feedback

This issue of Pipeline contains two surveys. On page 10 is a NJAWWA Governance Survey that explains proposed changes to the Board’s structure and solicits the input of Section members on the proposed changes. On page 11 is a Who We Are and Where We Are Going Survey developed by the Membership Committee to better understand the current diversity aspects of the Section. Please take a few minutes to complete these two surveys and send them in.
For the past year, I have reported on the progress and results of AWWA’s examination of its Governance and Structure. The overall result of this self-examination was that AWWA’s Governance was effective and relevant. Few changes were made.

In a similar manner, the Board of the New Jersey Section formed an Ad-hoc Committee to examine its Governance and Structure. The recommendations of the committee, as set forth in the enclosed survey, essentially increases Board membership from 7 to 9 members and creates an additional selection process for Vice Chair.

The purpose of the enclosed survey is to solicit membership participation in the process of deciding whether to continue the present Board structure or to change it. This decision belongs to the section membership, so please take the time to read and understand what is being proposed so that together, we can determine the best path for the New Jersey Section in the future.

The Strategic Planning Committee met on October 19th to begin its review of the Strategic Plan. The review will be completed at the next meeting on November 20th and the recommendations submitted to the Board shortly thereafter. The Committee will also recommend some minor changes to the Section Organizational Chart.

Although it seems like yesterday, my 3-year term of office ends in June 2007. Accordingly, the present and past two Directors will meet shortly to select the next Director. Only past Chairs are eligible to serve as Director.

Finally the Winter Board meeting will be held on January 20th and 21st at the Sheraton Waikiki Hotel in Honolulu, Hawaii. Although the agenda is not yet available, the Board will elect two new Vice Presidents and one Director at Large.

If you have any questions concerning the contents of this article or AWWA in general, please call me at (973) 912-2518.

Rich Russo is a Vice President with Hatch Mott MacDonald and the International Director of NJAWWA.

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**Annual Financial Summary for New Jersey Section**

*by Carrie D. Feuer*

I am pleased to present to you a pie chart summary of the 2005 – 2006 income and expenditures for the Section. Income totaled $322,700 and expenditures totaled $330,500. While we expended approximately $8,000 more than we took in, this was anticipated and primarily the result of the completion of the new membership database program. These funds lose was were pulled out of reserves. The budget year ran from July 1, 2005 to June 30, 2006. The total budget for 2006 – 2007 is $364,830.

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*Carrie D. Feuer is a Senior Project Engineer with Metcalf & Eddy, and the Secretary/Treasurer of NJAWWA.*
The recent focus of the NJAWWA Education and Professional Development Committee (E&PDC) has been to provide seminars and short courses that enable operators to satisfy their licensing requirements. In order to ensure that seminars are of high quality and provide a meaningful educational experience the Committee has developed a continuing education policy.

The Continuing Education Policy has been approved by the Water and Wastewater Advisory Committee of New Jersey. This policy not only includes the CEU requirements, but also the following guidelines for seminar content:

- **Needs Identification**: Learning needs are evaluated to ensure that the planned activity is relevant to the learner’s continuing education and/or job requirements.

- **Learning Outcomes**: Intended learning outcomes are synonymous with behavioral and performance objectives. Their purpose is to specify the determined skills, knowledge, and/or attitudes that the participants should be able to demonstrate following the continuing education experience.

- **Instruction**: Qualified instructional personnel are directly involved in determining the program purpose, developing intended learning outcomes, and planning and conducting each learning experience.

- **Content and Methodology**: The content and instructional methodologies selected are consistent with stated learning outcomes, are sequenced to facilitate learning, and permit opportunities for the learner to participate and to receive feedback.

- **Requirements for Satisfactory Completion**: Requirements for satisfactory completion are established for each planned learning experience. These requirements are based on the purpose and intended learning outcomes of the event. Participants should be informed of the requirements for satisfactory completion prior to their participation.

- **Assessment of Learning Outcomes**: Procedures established during program planning are used, when applicable, to measure the achievement of intended learning outcomes specified for the program or activity as they relate to changes in the learner’s knowledge, skills, or attitudes.

- **Program Evaluation**: During the course of planning, a process is established to evaluate major aspects of the continuing education experience, i.e.,

Organizational input; the design, content, content level, and operation; and the extent to which intended learning outcomes were achieved.

The Committee is always seeking ideas from members as to new seminar topics and ways to improve the content of the seminars. Please feel free to contact Bill Mitchell, E&PDC Chair, at 609-989-3640 with your ideas.

John Civardi is a Senior Associate with Hatch Mott MacDonald and a member of the Education and Professional Development Committee.

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**Communication is Key to Building Customer Trust**

by Bernadette Sohler

Every day member utilities work hard to build customer trust by delivering reliable, quality service. A key factor in building customer confidence is consistent communications. What types of information is your organization providing that is helping you to share your vision with customers, build your firm’s brand reputation and educate the public about the valuable service you provide?

A solid communications plan can help support your organization’s strategic goals, shape perceptions and obtain critical feedback about your utility’s performance. Start with analyzing what you hope to accomplish and by creating goals and objectives. What are the key messages you want to convey? Who are your target constituencies? What are the most practical and efficient tools for reaching that audience? Lastly, how can you measure your effort to ensure your message is getting through to your audience?

Organizations can use a variety of tools to develop an open and ongoing dialogue with customers. These include: literature (handbooks, brochures, fact sheets, door hangers, messaging on customer bills), Consumer Confidence Reports, website, advertising, news releases, opinion surveys, focus groups, speaker’s bureau, special events including Earth Day or National Drinking Water Week activities, community sponsorships, facility tours, lobby displays, education outreach, public meetings, contests, signage, promotional items, etc. An educated customer is typically a more satisfied customer — so the more information you provide, the better. Building customer awareness can help to establish public trust, improve an organization’s image and even build community support for upcoming projects. A detailed communications plan can help take your organization where it wants to go.

The NJAWWA Public Information Committee (PIC) meets regularly to share best practices in communications and public education, address public perception issues of the water industry and promote Section activities. If you’ve recently tackled an issue using an effective communication technique, we would like you to hear how you did it. We also invite interested professionals to join us at our next PIC meeting. For more information, contact co-chairs Robin Casale robin.casale@amwater.com or Bernadette Sohler bsohler@middlesexwater.com

Bernadette Sohler is the Director of Communications for Middlesex Water Company and is Co-Chair of the Public Information Committee.
On September 28, 2006 the New Jersey section hosted its annual Fall Conference and Golf Outing at the newly redecorated Old Orchard Country Club in Eatontown, New Jersey, with well over 100 people in attendance. The program offered separate morning and afternoon technical sessions, with the morning session focused towards groundwater issues and the afternoon session focused towards surface water issues. Together the sessions provided 4.5 hours of continuing education credits towards the operator licensing requirements. The afternoon activities also included the annual golf tournament and a putting contest for non-golfers. Those who stayed for the evening program enjoyed the vendor appreciation gathering and the awards banquet, where service awards and the Acknowledgement of Employer Support Award were presented.

Carol Walczyk is an Associate with Hatch Mott MacDonald and is the Chair of the Conference Committee.

New Jersey American Water Is Tops at Supporting Its Young Professionals

by Nicole Wiley

The 5th Annual Acknowledgement of Employer Support Award was presented to New Jersey American Water at the NJAWWA Fall Meeting at Old Orchard Country Club on September 28, 2006. This marks the first time that New Jersey American Water has won the award. Other nominees included CH2M HILL and past winners Schoor DePalma and Hatch Mott MacDonald.

New Jersey American Water was chosen because they have provided a great deal of support to their Young Professionals (YPs) over the past year by encouraging them to achieve great things both at work and within the organization. Every YP in the Engineering Group at New Jersey American Water is a member of AWWA, which is quite an accomplishment. This year, Lindsey Lento, a YP and an employee of New Jersey American Water, was selected to serve on the Board of Trustees for NJAWWA. Lindsey has indicated that she would never have been able to take on the responsibilities required of her as part of the Board if not for the tremendous support afforded to her by New Jersey American Water.

This is a great honor for New Jersey American Water and they should be very proud. It is the hope that the recognition that these companies receive will encourage others to provide the same, if not more, support to their YPs. The future of the NJAWWA depends on it.

Nicole Wiley presents Steve Tambini of New Jersey American Water with the Acknowledgement of Employer Support Award.

Members Recognized

The following people were recognized at the Fall Conference for their years of dedicated service to NJAWWA.

25 Years
Mauro M. Bacolo
William C. Becker
Gary A. Crawford
James DeBlock
Richard J. Fahey
Kenneth R. Garrison
Thomas G. Grau
Wayne B. Huebner
John H. Jones
Lowell A. Kachalsky
Ronald C. Karl
Frank C. Kelly Jr.
Patrick H. Malone
John B. Manganaro
Roger S. Manners
Michael J. Roberti
Larry V. Rott
Philip D. Royer
Frederick A Schindler
James P. Scott
Joseph G. Stanley
John D. Van Dorpe
Howard W. Wright

35 Years
Jon T. Chu
Irwin S. Zonis

40 Years
C. Kenneth Anderson
Martin D. Fogarty
Alonso Gutierrez
Gerald M. Handler
Wendell R. Inhoffer
George W. Johnstone
William G. Lehne
Ivan Metzer
Thomas J. Mulligan
Louis R. Slaby
Robert J. Wasikowski

45 Years
John V. Artale
John K Brackmann
Leslie W. Brokaw
Joseph D. D’Annunzio
Robert G. Wieland

50 Years
E.S. Brainard, Jr.
Robert W. Kean, Jr.

55 Years
Ivan L. Bogert
Francis J. Slaby
The 2007 NJAWWA Annual Conference will be held at Bally’s Atlantic City Hotel and Casino in 2007. The new venue provides the Conference with much-needed room for expanding programs and activities, from the Pre-Conference Workshop and Technical Sessions to the Exhibit Area. All of the Conference activities are in a centralized location that should allow for great traffic flow, opportunities to meet and interact, and easy access to various Conference activities.

The Technical Program Committee has been developing another high-quality program of presentations on a wide variety of topics. The program will offer continuing education credits as well as excellent opportunities to learn and network. The exhibit area, located next to the program rooms, offers a view of the ocean and plenty of room for traffic flow and interaction.

Plans are underway for many favorite Conference activities, including:

- Pre-Conference Workshop
- Tuesday evening Meet and Greet featuring the Section Band, Water Hammer
- Concurrent technical sessions on Wednesday and Thursday
- Vendor Exhibits beginning with the Meet and Greet and extending through the Conference until noon on Thursday
- Young Professionals Networking Event
- Operator’s Bowl
- Guest Program
- Non-Denominational Prayer Breakfast
- Awards Banquet with entertainment
- Student Poster Session
- Conference Recap Slide Show

This venue brings the Annual Conference back to the Boardwalk, offering visitors easy access to other casinos, restaurants, and other Boardwalk attractions such as the Tropicana Quarter and the new Pier at Caesar’s shopping and entertainment complex. Bally’s is also affiliated with the Atlantic City Country Club, one of America’s oldest and most prestigious golf clubs.

On behalf of the Trustees and the numerous individuals and committees that participate in the development of the Annual Conference activities, we hope to see you at Bally’s, March 27 through March 30, 2007, for the premier waterworks event in NJ.

Carol Walczyk is an Associate with Hatch Mott MacDonald and Chair of the NJAWWA Conference Committee.

In Search of the 2007 Fuller Award Winner

by Bill Hutchinson

The Fuller Award Committee is seeking nominations for the 2007 Fuller Award. The criteria for nomination for this award are as follows:

A candidate must:

a. be a member or representative (employee) of an organization member of the AWWA.

b. have demonstrated during his/her career outstanding or extraordinary achievement which elevates or otherwise enhances the waterworks profession. This achievement may include accomplishments in any profession, i.e. finance, legal, engineering, science, public health, administration, or any other related disciplines.

c. have performed his/her duties in an outstanding or extraordinary manner that is easily recognizable as such by peers.

Service that does not rise to the level described in these criteria would not qualify a person for consideration for a Fuller Award. After assessment of the nominee(s), using these criteria, it is possible that a nomination would not be made during any one year.

Nominations should be submitted on the official nomination form and mailed to: William Hutchinson, The Southeast Morris County Municipal Utilities Authority, 19 Saddle Road, Cedar Knolls, New Jersey 07927.

Nomination forms are available on our website at www.njawwa.org or by contacting Alexis Bozza at SMCUMA, 973-326-6867. Nominations received after December 15, 2006 may not be considered this year.

Bill Hutchinson is the Executive Director of Southeast Morris County Municipal Utilities Authority and the Chair of the Fuller Award Committee.

Committees Seek Nominees for Awards

by Chris Olson

The Recognition Committee and Membership Committee are seeking nominees for the following awards, which are traditionally presented at the Annual Conference.

Dedication Award

Awarded to a NJAWWA member who has demonstrated outstanding service and dedication to the Association through leadership and active participation in NJAWWA programs. Nominees must be in good standing with the AWWA, have maintained membership in the NJAWWA for a minimum of the past 7 years, have exhibited leadership in Association events for at least 5 years and have displayed distinctive leadership and meritorious services to the Association in each of the following areas: service, good fellowship and participation.

Please contact the Section office or the Recognition Committee Chair, Chris Olson at colson@schoondepalma.com, or (609) 597-3123, for information on the awards and nominations. Nomination forms can be obtained at the NJAWWA website www.njawwa.org. Nominations are due by January 15th.

Next Generation Award

Awarded to a NJAWWA member who is a young professional (under the age of 35) and who is actively participating in the Association’s activities and programs. This award has been developed in an effort to encourage young professionals to become active in NJAWWA and to encourage employers to consider allowing their young professionals to participate. The nominee must be in good standing with the AWWA, have maintained membership in the NJAWWA for a minimum of the past 2 years, have exhibited leadership in Association events for at least one year and displayed distinctive leadership and meritorious services in each of the following areas: service, good fellowship and participation.

Please contact the Section office or the Membership Committee Chair, Nicole Wiley at pwiley@ch2m.com, or (973) 316-9300, for information on the awards and nominations. Nomination forms can be obtained at the NJAWWA website www.njawwa.org. Nominations are due by January 15th.

Chris Olson is a Project Engineer with Schoor DePalma and Chair of the Recognition Committee.
We invite you to help plan the events!
During May, we celebrated Drinking Water Week by sponsoring several different events. The goal of National Drinking Water Week (NDWW) is the realization and celebration of the value of safe, reliable water in our daily lives.

To prepare for NDWW 2006, we convened a task force to plan events celebrating water as a valuable resource. The resulting efforts demonstrated that the Section and NJ water professionals realize the importance of water in our daily lives. Each event demonstrated one or more of the following values: advocacy, education, outreach, and environmental awareness. What did we do? We met with and received a proclamation from Senate President Codey during our visit to the State House where we also spoke with legislators and others to promote and preserve public health and welfare, and to ensure the highest quality drinking water. A first for the Section was the sponsorship of the Drinking Water Poster Contest. The event was two-fold. Through this event we encouraged students, classrooms, and groups to prepare posters celebrating Drinking Water Week. And, we also visited the winning classroom to talk about the value of water. As a social activity, we sponsored a bowling event for members and their families. We also joined with the Hackensack Riverkeeper to perform a river cleanup. And, to end the week, our Water For People Committee raised $19,000 through its third annual golf classic. These events demonstrated the commitment the Section and NJ water professionals have toward drinking water and the values of advocacy, education, outreach and environmental awareness.

In 2007, National Drinking Water Week will be held from May 6 through 12. Our task force is forming, and we are currently planning events that will once again demonstrate our commitment and dedication to the promotion of public health and welfare in the providing drinking water of unquestionable quality and sufficient quantity. Please join us in the planning of activities for this week and then join in by celebrating National Drinking Water Week!

For information regarding NDWW, please contact Stacy Fysz at stacyfys@njawwa.org or 609-989-3343 or Robin Casale at Robin.Casale@amwater.com or 856-309-4612.

Stacy A. Fysz is a Management Specialist with Trenton Water Works and is Vice-Chair of NJAWWA.

A Very Happy Hour

It’s 5:00 PM on a Thursday. Work is over. It’s the first night of the football season. And you are at a happening place enjoying an ice cold beer and appetizers with other members of NJAWWA and the New Jersey Water Environment Association (NJWEA). What could get better than that? Just ask the folks that came out to the End of Summer Happy Hour at Kat Man Du in Trenton on September 7. This was the second year that the NJAWWA Membership Committee teamed up with NJWEA Young Professionals Committee to host an end of the summer celebration with food, drinks and great company. This Happy Hour happened to coincide with the first night of football season and the place was hopping! NJAWWA is hoping to foster a stronger relationship with NJWEA that will lead to a partnership that will broaden our membership base as well as theirs. The Happy Hour is the stepping stone for future joint events such as seminars, which discuss matters that affect both organizations, and the upcoming casino themed charity event. The Membership Committee hopes to continue this tradition with NJWEA next year so don’t feel bad if you missed it this year! This is a great chance to meet other professionals within the organization and the industry, in general, in a relaxed atmosphere with no pesky schedule to get in the way.

Nicole Wiley is a Project Engineer with CH2M Hill and Chair of the Membership Services Committee.

NJAWWA Welcomes Second and Third Quarter 2006 New Members and Recruiters!

New Members:
John Ackerman
Sal Adamo
Thomas A. Amidon
Michael Arnold
Daphne Aronovits
Allen Ashbridge Sr.
Ronald Balakas
Joe Bartolucci
Joseph S. Bateman
Gary Battaglia
Barbara Bodenstein
James V. Bonastia
Mark E. Bottin
Amy C. Boyajian
Charles Braunstein
Robert Burke
Mario D. Cabrera
Angelica Cardone
Daniel S. Costello
Bruce Curtis
Joseph M. De Julio
Dennis Dugan
Joseph Fiscarco
John Frega
Frank Gradlone III
Simon Grubin
Jane Holdren
Christopher L. Horvarth
Bruce Jahn
Ben Jakubovic
Mary Beth Jakubowski
Patrick K. Jemba

Thanks to Our 2006-2007 Sponsors!
• Buck, Seifert & Jost, Inc.
• Garden State Labs
• Harper International
• Hatch Mott MacDonald
• Hazen & Sawyer, P.C.
• Metcalf & Eddy
• Middlesex Water Company
• MWH
• Mount Construction Co, Inc.
• New Jersey American Water
• Utility Business Services

NJAWWA appreciates the support of all of our sponsors throughout the year. For more information on the NJAWWA Sponsorship Program, visit our website at www.njawwa.org.

Local Leaks

Congratulations to Leonid Braudo, Senior Electrical Engineer at Buck, Seifert & Jost, Inc., who received his Professional Engineer’s License from the State of New Jersey.

Got a leak? Submit news about NJAWWA members’ personal and professional milestones for publication in Pipeline. See page 12 for editor contact information.
Water Resources Training in Jordan
by Vincent Uhl and James Horvath

Background

Jordan faces a serious water scarcity, and current and projected future demands far exceed the available supply of surface water and renewable groundwater resources. Approximately 63% of the demand is for agriculture and 37% is for municipal and industrial use. Groundwater represents 62% of all water use in the country and current withdrawals from aquifer systems in many basins in the country are in excess of natural recharge. The aquifer systems are comprised of a variety of bedrock aquifer systems (limestone, basalt and sandstone), and in the Jordan Valley there is a prolific unconsolidated alluvial aquifer that is pumped extensively for high value crop irrigation.

Jordan is surrounded by other water scarce countries (Syria, Israel, Palestinian Authority, Saudi Arabia and Iraq), and as such, there are competing uses for both groundwater and surface water resources in the region.

The Water Authority of Jordan (WAJ) is currently implementing an integrated approach for sustainable groundwater management to try to alleviate some of its water problems with the assistance of the United States Agency for International Development (USAID). The firm of Associates in Rural Development (ARD), under contract to USAID, is involved with supporting WAJ in expanding its regulatory enforcement of groundwater use. A principal area of focus by WAJ and USAID has been an initiative to implement the metering of groundwater pumping from the several thousand irrigation wells in the country. To this end, USAID as well as several other donor countries have assisted Jordan WAJ with technical assistance in water meter procurement, installation, and maintenance for high capacity wells.

Project and Training

Uhl, Baron, Rana & Associates, Inc (UBR) a professional groundwater consulting firm based in Lambertville, New Jersey was retained by ARD to provide technical assistance/training in the area of meter applications, installation, and maintenance. UBR implemented this training program with the assistance of Mr. James Horvath of the East Orange Water Commission.

The initial step in the program consisted of developing training manuals that provided Standard Operating Procedures (SOPs) for water meter installation, testing and maintenance. The “SOPs for Water Meter Installation and for Water Meter Maintenance and Testing” were translated into Arabic and adopted by the country of Jordan as their new official standard.

The second step was comprised of conducting training sessions in the installation, repair and maintenance of water meters for large capacity irrigation wells for about 50 persons from the technical staff of WAJ’s eight Regional Offices in the country. In April of 2006, Mr. Horvath and Mr. Uhl traveled to Jordan to design/formulate the training programs and conduct the training workshops in the capital city of Amman.

The training sessions involved:

• Classroom presentations introducing the SOPs.
• Hands-on applications with meter assembly and disassembly.
• The display and explanation by training staff and operation by trainees of the workshop tools, ultrasonic meter, conductivity meter and M-scope.
• A review of geologic, well construction methods, well operational problems, and meter installations to date by the eight regional offices.

During the training program, an overview was developed of the country’s regional geologic conditions, well construction methods, well operational problems, and meter installation appropriateness in different geologic settings and for a variety of well construction/completions. In addition, Messrs. Uhl and Horvath paid a field visit into the heavily irrigated Jordan River Valley where problems had been identified with water meter operations on many irrigation wells. They assessed meter installation procedures and assisted in trouble shooting.

There was great interest, participation, and enthusiasm on the part of the trainees from the eight regional Water Authority of Jordan offices with respect to meter management and overall applications of technology with respect to managing groundwater in their country.

Mr. Horvath credits the City of East Orange and the Board of Water Commissioners for operating a well run pre-eminent water supply system, giving him the knowledge and experience to be invited to participate in this beneficial technology transfer program for the country of Jordan. The success of the training program indicates that the management and technical experience of the New Jersey groundwater and surface water utilities is exactly the type of practical knowledge that is needed and sought by their counterparts in far flung corners of the globe.

Vincent Uhl is a Principal Hydrogeologist with Uhl, Baron, Rana & Associates, Inc. James Horvath is Superintendent of Intake and Supply for the East Orange Water Commission.
**An Introduction to the North Jersey Water Conference**

by William Mowell

The North Jersey Water Conference (NJWJC) is an organization of professionals from various aspects of the water works profession dedicated to providing educational opportunities within the profession; familiarizing its members with various regulations, equipment, processes, materials, etc.; and creating fellowship.

The roughly 200 member organization holds monthly meetings from September to June, that typically include a 1 TCH seminar on a varying degree of water works related topics, a social hour, and dinner and are held throughout the northeastern portion of New Jersey. Several of the monthly meetings have a specific theme, notably:

- The Vendors’ Event is held each October and provides a forum of Vendors (equipment manufacturers and representatives, service providers, consultants, suppliers, and so forth) to display their wares for the water works profession in a table top format. About 40 Vendors usually display and attendance reaches 150 people. In recent years the event has been expanded to include a daytime session that also includes technical sessions for Licensed Operators to obtain 3 TCHs.
- A cocktail reception is held with our counterparts from southern NJ at the NJAWWA Annual Conference in Atlantic City.
- The H.V. Florence Charity Golf Classic offers a great day of springtime golf and the ability to support the NJWJC Scholarship Fund and charitable organizations and causes.

The NJWJC produces an annual advertisement journal with listings of members, advertisements, information on the NJWJC, schedules of events, past officers, etc. This useful and informative publication is presented each year at the Vendors’ Event.

Several other events and activities are intermittently planned and organized and including tapping contests, educational seminars, field trips to places of interest to the water works profession, and social outings.

The North Jersey Water Conference offers a good opportunity to supplement a professional career, gain educational opportunities, and establish additional contacts around the profession. For further information, contact William Mowell, Treasurer, at (201) 670-5509 or wmowell@ridgewoodnj.net.

William Mowell is the Engineer of Ridgewood Water and Treasurer of the North Jersey Water Conference.

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**An Introduction to the South Jersey Water Professionals Association**

by Craig Dombrosky

The goal of the South Jersey Water Professionals Association (SJWPA) is to advance the knowledge of design, construction, operation and management of water works and the encouragement of social intercourse amongst its members of a friendly exchange of information and experience. The current membership totals 267 individuals.

The current Officers are:

- **Martin Knell**
  President
- **Scott Newmann**
  1st Vice President
- **Bob Lender**
  2nd Vice President
- **Paul DeCosta**
  Treasurer
- **Doug Jones**
  Recording Secretary
- **John Meier**
  Financial Secretary

Regular business meetings are held February, June, August, and October, on the 3rd Thursday.

Upcoming events are the Annual Ladies Night Dinner and Extravaganza on December 1st. The Ladies Night Committee is hard at work planning this great event. This year the event will be held at the Sheraton Hotel and Resort in Atlantic City. The Ladies Night Committee has booked the Band Grove Fish for the entertainment. All of the committee members are very excited about this new venue. Mailings will be forthcoming with ticket and room reservation information. The Ladies Night Committee is accepting donations for door prizes. Contact Jim Massara, Committee Chair, at twmamn@rcn.com.

Another popular event that is in the planning stages is the Vendors Display Day. This is a joint venture with the New Jersey Water Environment Association-South Section to show appreciation to the affiliate members for the generous support that they provide to our organizations. The tentative date for the Vendors Display Day is February 9, 2006 and will be held at the Adelphia Restaurant in Deptford. There will be 87 tables available for displays. If past experience proves out, the tables will be fully booked, and the event will be well attended. Contact Bob Lender at lenderb@eyesham-nj.org for further details.

Check out the new SJWPA website at www.sjwpa.com for up to date information about upcoming events and for membership forms.

Craig Dombrosky is an Operations Supervisor for the Evesham Municipal Utilities Authority and Trustee of the South Jersey Water Professionals Association.

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**Help Wanted**

**Customer Service Rep/Supervisor**

Gordon’s Corner Water Company. Hours 8 AM – 4:30 PM. Benefits include generous Profit Sharing Plan, Paid Holiday/Vacation/Personal Time, Health Insurance. We are a small, low-key office located in Marlboro Township serving a customer base of 16,000. Minimum of 1-2 years customer service experience in a utility industry, conflict resolution, BPU interaction, Microsoft Office, UBS customer billing software experience a huge plus. Will train the right individual. Pay will be commensurate with experience. Please e-mail resume to Sherrin Altieri at saltiere@gor-donscornerwater.com or call 732-946-9333 x 205.

Please see our website, www.njawwa.org, for additional job advertisements. At the time of publication, the following jobs were posted:

**South Brunswick Township**

Water and Sewer Inspector

**Applied Water Management**

Project Engineer

**Gordon’s Corner Water Company**

Water Treatment Plant Operator

**Hatch Mott MacDonald**

Civil Engineer – Water Senior Project Manager
New Jersey AWWA Governance Survey

Last year, the New Jersey Section AWWA formed an Ad Hoc Governance Committee to review the general organization and well being of the Section. One of the outcomes from this committee is a proposal to restructure the governance of the section so that the Board of Trustees (Board) would be increased from 7 to 9 positions including the Chair, Vice Chair, Past Chair, Secretary/Treasurer, International Director and an increased number of four (4) non officer Trustees from the two (2) Trustees that currently exist. Under the current structure, a Trustee automatically proceeds after a one-year term through each position on the Board, including the Vice Chair and Chair positions. Under the proposed restructuring, a Trustee would serve a three-year term, and would not automatically proceed to the Vice Chair and Chair positions.

The election of “non officer” Trustees would be done each year by the Section members under the same process that is currently used. A nominating committee consisting of five active members will nominate candidates for the open Trustee position(s), and after a period for additional nominees to be provided, the new Trustee(s) are elected for their three-year terms. The Vice Chair selection would be selected from a pool of eligible Trustee candidates (Trustees and Secretary/Treasurers who have served a minimum of 2 years of their term), elected by the current Board of Trustees. The selected Vice Chair would then proceed to the position of Chair. The intent is that through the addition of two more Trustees, and the shortening of the minimum length of commitment, there should be more opportunity for member involvement on the Board.

Prior to proceeding further with this recommendation, which will require a revision to the Section Bylaws approved by the members, the Board would like to obtain your views on these proposed changes. We ask you to please take a few moments to fill out the survey below and return it to us by December 7, 2006:

Tell us about yourself. Are you a(n) (please circle one):

- Operator
- Manager
- Engineer
- Administrator
- Chemist

- Water Quality Specialist
- Salesperson
- Customer Service Representative
- Financial Specialist

- Maintenance Specialist
- Other _______________________

What type of company do you work for? (please circle one)

- Water Utility
- Consultant
- Contractor
- Manufacturer
- Equipment/Materials Supplier

- Laboratory
- Other _______________________

<table>
<thead>
<tr>
<th>Survey Questions</th>
<th>YES</th>
<th>NO</th>
<th>Don’t Know</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do you feel that NJAWWA offers sufficient value and opportunities for all individuals in the water industry to become members and become involved?</td>
<td></td>
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<tr>
<td>Do you feel that NJAWWA offers sufficient opportunities for all members to become more involved (committee volunteers, NJAWWA Board members, etc.)?</td>
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<tr>
<td>Do you believe that the current governance structure of the organization is sufficient for the membership and should not change?</td>
<td></td>
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<tr>
<td>Do you believe that increasing the size of the Board of Trustees from 7 to 9 by increasing the number of Trustees from 2 to 4 will help the Section reach a more diverse audience?</td>
<td></td>
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<td>If you were nominated for a Trustee position would it be easier for you — or preferable — to serve only 3 years on the Board as a Trustee instead of the current 5-year commitment?</td>
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<tr>
<td>Are you in favor of proceeding with the changes being recommended and described in this questionnaire?</td>
<td></td>
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</tr>
</tbody>
</table>

Please provide any additional comments. (Use additional sheets as necessary.)

Please return this survey by December 7, 2006 to Russell Ford via email: russell.ford@mwhglobal.com; fax: 201-845-3475 or mail: Russell Ford, MWH, 250 Peble Ave, Plaza 2, 4th Floor, Saddle Brook, NJ 07663
WHO WE ARE AND WHERE WE ARE GOING SURVEY

In an effort to better serve our organization, the Membership Committee has developed this short survey to better understand the current diversity aspects of our group. This information is important so we can better plan future events and focus our efforts to creating a diverse and well-rounded organization. The Membership Committee thanks all our members for their participation in this survey. If you have any questions, please contact Mike Polito at Michael.Polito@hatchmott.com or Nicole Wiley at Nicole.Wiley@CH2M.com. For an electronic version of this survey, please visit our website at www.njawwa.org.

Please tell us about yourself by answering the following questions:

1. Location of Office
   - North Jersey (North of Rt. 78) .................................................................
   - Central Jersey (South of Rt 78 and North of I-195) ................................
   - South Jersey (South of I-195) .................................................................

2. Type of Employer
   - Utility ........................................................................................................
   - Consultant ..............................................................................................
   - Contractor .............................................................................................
   - Vendor .....................................................................................................
   - Other (Please Specify) ______________________________________________

3. Job Position
   - Manager .................................................................................................
   - Engineer ...................................................................................................
   - Operator ..................................................................................................
   - Scientist ...................................................................................................
   - Contractor ..............................................................................................
   - Field Crew .............................................................................................
   - Sales ........................................................................................................
   - Other (Please Specify) ______________________________________________

4. Age
   - Less than 35 ..........................................................................................
   - Between 35 and 50 ................................................................................
   - Greater than 50 ......................................................................................

5. Gender
   - Male ........................................................................................................
   - Female .....................................................................................................

6. Race...........................................................................................................

*NOTE: All questions are optional, please respond to as many questions as possible.

Please return this survey to Mike Polito via email: Michael.Polito@hatchmott.com, fax: 732-577-0551 or mail: Michael Polito, Hatch Mott MacDonald, 3 Paragon Way, Freehold, NJ 07728.
NJAWWA Welcomes 2006 New Members and Recruiters!

continued from page 7

Golam Kabir
Andrew Larkin
George K. Lubic
Alicia Manoski
Timothy Martin
Joe Martino
Steve Martino
Pat McFarland
Jack McNaughton
Erin M. Murphy
James Nagle
Shailesh R. Naik
Thomas Narbone
Fouad Nasraddine
Kristen Nawoj
Kevin O’Connor
Scott T. Para
Byungtae Park

John Rafferty
Charles Rakita
William R. Richardson
Michael Saraceni
Bill Scott
Tim Shields
Thomas G. Shroba
Uhlke D. Simmerman
Wayne D. Simpson
Timothy Smeltzer
Nicholas R. Smolney
Danielle E. Stoner
John Travaglini
Jordan R. Volk
Steven J. White
Ron Wilkinson
Dale M. Williams II
Joseph L. Yenchak Jr.

Recruiters:
David Applegate
Brian Cart
Robin Casale
John Civardi
Patrick Cole
Nancy Geraldo
Mark Huff
William Robert Jack
Ryan Lemli
Lindsey Lento
Daniel McLaughlin
Hetal Mistry
Norman Nelson
Michael Restaino
Dominick Ruggiero
Scott Weitzel
Alexandra Wells

Thank you for sharing the source!

Stay up to the minute with the activities of the Membership Services Committee. Check www.njawwa.org frequently for an updated list of events!

Become an active member in our section. Join one of our committees! For information on membership or activities, please contact Nicole Wiley, 99 Cherry Hill Road, Suite 200, Parsippany, NJ 07054, (973) 316-9300, or nwiley@ch2m.com.

Nicole Wiley is a Project Engineer with CH2M Hill and Chair of the Membership Services Committee.

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Trenton Water Works
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S. Plainfield, N.J.
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