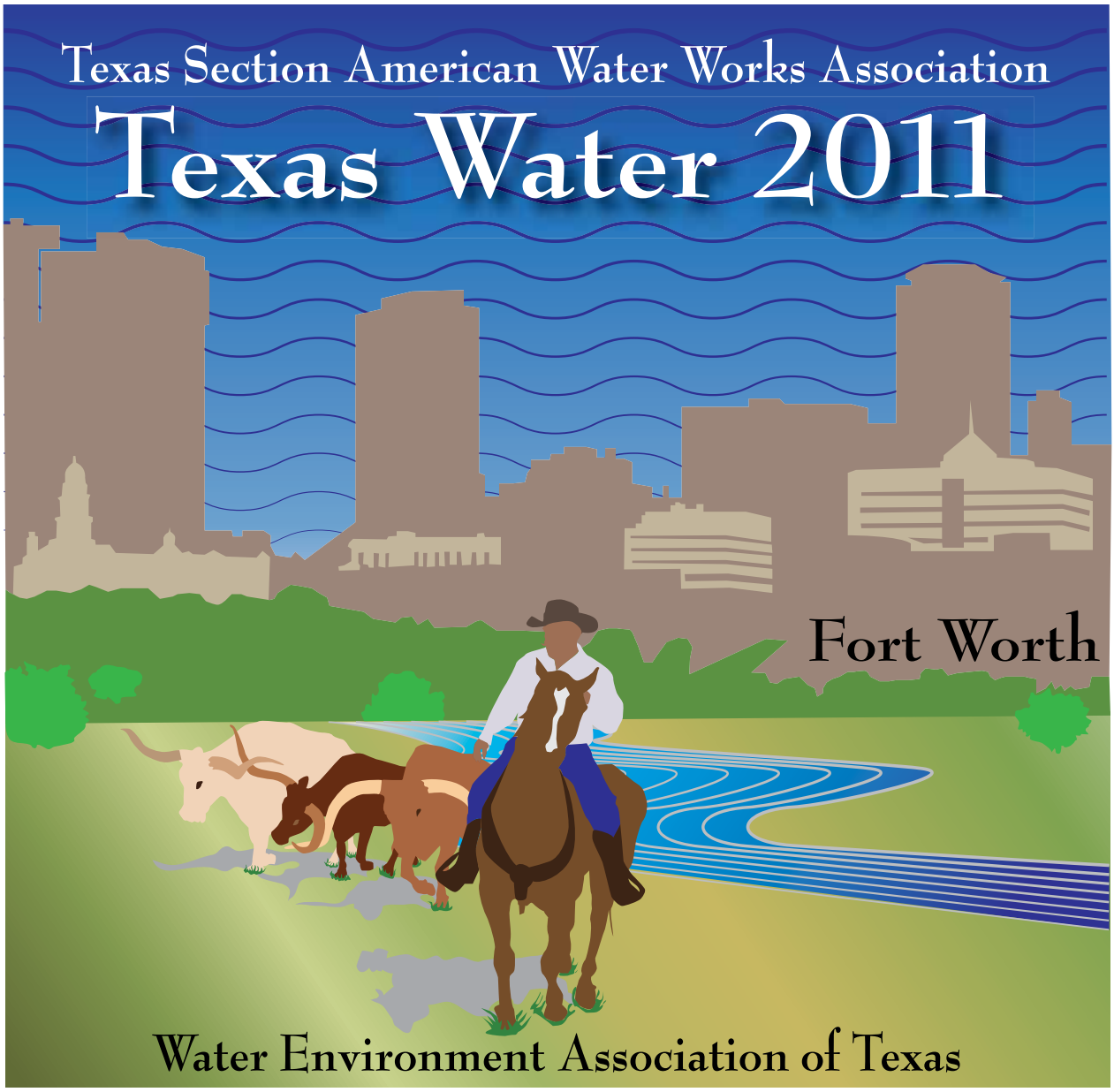

AWARDS PROGRAM

Conference Luncheon, Wednesday, April 6, 11:30 a.m.

TAWWA Awards

WEAT Awards

Awards Breakfast, Thursday, April 7, 7:30 a.m.

TAWWA Awards

JOINT TAWWA/ WEAT Awards

WEAT Awards

Texas Rocks: A Water Celebration, Thursday, April 7, 5:30 p.m.

TAWWA Awards

WEAT Awards

WATER STEWARDSHIP AWARDS

Recognizing the importance of conservation in meeting our future demand, the 80th Regular Session of the Texas Legislature (2007) via the passage of Senate Bill 3 and House Bill 4, directed the Texas Water Development Board to appoint members of the newly created Water Conservation Advisory Council. The Council was created to provide the Governor, Lieutenant Governor, Speaker of the House of Representatives, Legislature, Texas Water Development Board, Texas Commission on Environmental Quality, political subdivisions, and the public with the resource of a select council with expertise in water conservation. The Council is composed of 23 members appointed by the TWDB.

One of the charges the Texas Legislature gave the Council was to develop and implement a public recognition program for water conservation. To accomplish this, the Council partnered with TCEQ on its Texas Environmental Excellence Awards for the Water Conservation Award and developed a program to present water conservation awards at other existing events across the state. This includes partnering with Texas Section AWWA to present Water Stewardship Awards annually at the Texas Water conferences.

The Council would also like to mention all of the nominees.

City of Austin
City of Houston
City of Round Rock
City of Dallas
SaveTexas Water Organization
San Antonio Water System
Williamson County

North Texas Municipal Water District

The North Texas Municipal Water District has a commitment to raising water awareness and increasing efficient use of the finite resource of water. The Water IQ public awareness program, Texas Water Development Board's recognized state water awareness and education program, has been beneficial for the NTMWD since it was first implemented to educate consumers about their source water supply, as well as the effects of the on-going North Texas drought. NTMWD was the first water supplier in the state to utilize the Water IQ research-based brand and has continued its implementation each year since 2006. Since Water IQ's initial implementation, the public has continued to reduce wasteful water practices as evidenced by the lower-than-expected water consumption reported each subsequent year.

Fort Bend County MUD #25

The Fort Bend County Municipal Utility District #25 is a small but rapidly growing district located in Sugar Land, Texas and serves approximately 3,600 water and wastewater connections. The District's wastewater effluent re-use program consists of capturing the treated effluent from the wastewater treatment plant and reusing it in landscaping and amenity pond applications. From March 2008 through December 2010, the amount of reclaimed water used exceeded 423.5 million gallons. The District's goal is to eliminate the use of groundwater or potable water in amenity ponds and significantly reduce potable water uses in landscape irrigation.

AMERICAN WATER WORKS ASSOCIATION

ACADEMIC ACHIEVEMENT AWARD

...Academic Achievement Award encourages academic excellence by recognizing contributions to the field of public water supply.

Ashlynn Stillwell

AMERICAN WATER WORKS ASSOCIATION

EDUCATION AWARD

...given to the AWWA Section for initiatives that educate water industry personnel, the public, students, or other groups about drinking water and to disseminate guidelines that will enable other AWWA sections to conduct comparable educational activities.

Satellite Teleconference on Back to the Basics

Producers: Cliff Avery Mary Gugliuzza Mike Howe Charles Maddox

AMERICAN WATER WORKS ASSOCIATION

JACK W. HOFFBUHR AWARD

…to honor the legacy of Jack Hoffbuhr, a retired AWWA Executive Director, by recognizing outstanding performance and accomplishments by a Section staff member of AWWA.

Mike Howe

To qualify for this award, the nominee must have shown continuous dedication above and beyond normal duties to Section business of AWWA by demonstrating loyalty, reliability, responsibility, leadership, and excellent service to the membership of the Section and the Association. In addition, the successful candidate must be viewed as a team player and a good communicator.

Mike has served as the Texas Section Executive Director since May 1997, serving over 3,500 Association members in Texas. From that time forward, Mike has "put the Texas Section on the map," a promise he made during his employment interview. He has led the Texas Section volunteers in developing business plans, policies and a business-like approach to Section Management. He has increased sustainable revenue streams during his tenure by 150%, thus allowing the Texas Section to support many additional activities and programs. He has developed programs that have grown the membership by 20%. He has involved volunteers in goal sharing, resulting in dramatically increased productivity.

In 2005, following the devastation from Hurricanes Katrina and Rita in Texas, he created the Texas Water/Wastewater Agency Response Network (TXWARN) program for utility to utility mutual aid modeled after similar programs in California and Florida. Since then, the TXWARN program has become one of the national models for WARN programs providing guidance to the growing WARN network in the U.S. The program is funded by the USEPA through the Texas Commission on Environmental Quality. In addition, he continues

to assist in a series of national workshops for the USEPA and AWWA to help other states develop their WARN programs. Mr. Howe is a member of the DHS/EPA Critical Infrastructure Response and Recovery Workgroup.

Mike's previous work included over nine years with the City of Austin, eight years with the Water and Wastewater Utility and nearly 18 years in broadcasting. He is a nationally recognized expert on risk communication and is a trained public policy mediator and negotiator. He was an instructor in Risk Communications for Utility and Hazardous Waste Managers at Austin Community College. His broadcasting experience has served the Section well as he and other volunteers have produced and directed a number of Teleconferences on a variety of timely topics, many in collaboration with the USEPA and the Texas Commission on Environmental Quality. Many of these teleconferences were telecast by other Sections as part of their ongoing training programs. These teleconferences have won numerous AWWA education awards.

Mike has been instrumental in the continued growth of the Texas Section AWWA and Water Environment Association of Texas Annual Conferences, the largest regional water and wastewater conference in the country. Mike led the effort to develop interactive conference guidelines that have streamlined the conference planning and execution. This joint conference serves as a model for other conferences cosponsored by more than one organization. His communication skills have broken down organizational barriers to make this conference an educational and financial success. His innovations in conference management and marketing have allowed the Texas Section and WEAT to serve their members with ambitious peer reviewed technical programs and an exhibit hall with over 350 exhibitors (and an annual waiting list to exhibit).

AMERICAN WATER WORKS ASSOCIATION

JOHN LECHNER AWARD OF EXCELLENCE

…to recognize a Service Provider member of the Texas Section of AWWA.

Bruce Curtis

This is an individual award of excellence to recognize a Texas Section Manufacturers/Associates Committee member or other individual service provider who has demonstrated exemplary service to the Texas Section, the drinking water community and to AWWA's mission and goals. Bruce is the first recipient of this newly established Texas Section award.

Bruce Curtis has been a member of AWWA since 1982. Bruce has been actively involved in AWWA as a Service Provider member and employee of the Mueller Company, Smith-Blair, Inc. and currently EBAA Iron, Inc. He has supported AWWA by exhibiting and providing sponsorships at conferences as well as serving on various Section and Association level committees. He has provided sponsorships and given his time in support of the pipe tapping competitions since their inception in 1986 both at the Association level and at the Section level, often serving as a judge for the competitions. Whenever we needed equipment and/or funding, Bruce always made it happen. He has been one of the staunchest supporters of the World Water Cup of Drilling and Tapping, always providing sponsorship funds but also assisting in procurement and shipping of equipment and supplies for this international competition. We have always been able to count on Bruce.

On the Section level, Bruce has supported operators' competitions for years. He has been vital to the success of Section golf tournaments, which support travel of the Texas Section operator competition teams to the AWWA Annual Conferences. By his example and leadership, he has been instrumental in maintaining the viability of the operators' competitions, one of the most important activities for our members.

Bruce served on the AWWA Manufacturers/Associates Council from 2004-2010. While on the Council, he served on a number of committees in support of the goals of the MAC and AWWA. He served on the Conference Management Committee and on the Ad Hoc ARRA Implementation Review Committee. Bruce is a perfect example of how our Service Providers make AWWA successful.

AMERICAN WATER WORKS ASSOCIATION

LIFE MEMBERSHIP AWARDS

The AWWA Life Membership Awards are given to those members who have achieved 30 years of service to the water community and AWWA. This year the Texas Section AWWA honors 20 individuals as Life Members.

Ms. Betty J. Blaschke	Tomball
Mr. Timothy G. Brown	Houston
Mr. Richard M. Browning	Arlington
Mr. Michael E. Cavalier	Humble
Mr. Jackie W. Chance Sr.	Spring
Mr. Richard A. Cloutier	Houston
Mr. C.D. Cooke	Borger
Mr. Russell L. Hamilton	Austin
Mr. Joe N. Harle	Longview
Mr. Gale W. Henslee	Amarillo
Mr. Donald G. Illingworth	Arlington
Mr. James V. Johnson	Wellington
Mr. Samuel W. Kruse Jr.	Sugar Land
Mr. Robert M. McKinnon	Copperas Cove
Mr. Ron Neighbors	Friendswood
Mr. James M. Parks	Wylie
Mr. Joe E. Rodriguez	Cypress
Mr. Billy D. Sims	Lufkin
Mr. Jimmy L. VanSchuyver	Houston
Mr. Ashok Varma	Dallas

AMERICAN WATER WORKS ASSOCIATION

GOLD WATER DROP AWARDS

The AWWA Gold Water Drop Awards are given to those members who have achieved 50 years of service to the water community and AWWA. The Texas Section AWWA honors five members as Gold Water Drop Awards Winners.

Mr. Lee B. Freese	Fort Worth
Mr. Lester J. Hash	San Antonio
Mr. George J. Lee	Snyder
Mr. Pat H. Luckett	Austin
Mr. R. Fredrick Stone	Dallas

GEORGE WARREN FULLER AWARD

One of the most prestigious awards in the water profession is the George Warren Fuller Award for distinguished service to the water supply field in "commemoration of the sound engineering skill, the brilliant diplomatic talent and the constructive leadership, which characterized the life of George Warren Fuller."

This award winner is selected by previous Fuller Award winners, and kept a tightly guarded secret until the Texas Water Luncheon. In a unique ceremonial process, the current Chair of the Fuller Award Selection Committee of the Texas Section AWWA will call all Fuller Award Winners in attendance to assemble in the front of the room. He will then direct the group to begin searching the room for the person known only to the committee members as this year's Fuller Awardee. Slowly, as a brief highlight of this year's awardee is read, the group will begin converging on this year's winner's location in the room. As the group converges, the detail in the awardee's career highlights will become more and more specific. See if you or the awardee realizes at the last moment who the awardee is for the Texas Section American Water Works Association 2011 Fuller Award.

TEXAS SECTION – AWWA GEORGE WARREN FULLER AWARD WINNERS						
	1972	Robert P. Van Dyke		1991	W. T. "Doc" Ballard*	
	1973	Haskell R. Street*		1992	Lee. C. Bradley, Jr.	
	1974	Richard G. Toler*		1994	F. Warren Norris	
	1975	David R. Smallhorst*		1995	Katie McCain	
	1976	John H. Stacha**		1996	Jack A. Renfro	
	1977	J.L. Robinson*		1997	Randy J. Goss	
	1978	John T. Hickerson		1998	Ronny Hyde	
	1979	Otis Goldman*		1999	Steve Walden	
	1980	George O. Muller		2000	Carole Baker	
	1981	Charles K. Foster*		2001	Mark Lowry	
	1982	Glen Doty**		2002	Bill Riley	
	1983	John Kubala		2003	Gary Smith	
	1984	Phil Kosub		2004	Jeannie Wiginton	
	1985	James H. Bailey*		2005	Charles Anderson	
	1986	Thomas D. Tiner		2006	Glenda Dunn	
	1987	Michael K. Tubbs		2007	Bill Smith	
	1968	Michael Meadows		2008	Dean Sharp	
	1989	Kay Kutchins		2009	Mike Howe	
	1990	Dennis L. Allen		2010	Charles Maddox	
	* Deceased					

For a complete description on the career of George Warren Fuller, read the following pages.

(Continued)

GEORGE WARREN FULLER AWARD

"Little can be said about George Warren Fuller without recalling a thousand and one connections which he has had with sanitary engineering practice in this country and abroad. Amazingly active mentally, he always catalyzed those individuals who were fortunate enough to work with him. An enthusiasm tempered by seasoned judgment and reinforced by a remarkable technical knowledge, accounting for the fact that his name is identified with almost every important sanitary advance in this country in the last four decades. Many, however, are born at the right time who are either ill equipped or are lacking in sufficient vision to make the most of that good fortune. In Mr. Fuller's case, heredity and environmental influence, coupled with remarkable energy, all contributed to the development of a practitioner of outstanding stature. He will be remembered long in the future, as much for his distinctive personal characteristics as for his long list of contributions to sanitary science and practice." So wrote Abel Wolman editorially in Municipal Sanitation after Fuller's death on June 15, 1934.

George Warren Fuller was born in Franklin, Massachusetts, December 21, 1868, on the farm which was part of the land acquired by the family during the Revolutionary period. Three or four Fullers came to Massachusetts from England before the middle of the Seventeenth Century. The one with whom we are concerned was Ensign Thomas Fuller, who, in 1642, by vote of the people of Dedham, was "admitted" - a prerequisite to citizenship at that time - to the purchase of Martin Phillips' lot. He seems to have been a capable and versatile man. He was a surveyor for several years after 1660 and selectman for fourteen years; he repeatedly represented the community at the general court, was co-trustee of money bequeathed for the establishment of a Latin school and laid out the road to Cambridge as well as many minor ones. He kept the town's ammunition, for which he was paid ten shillings a year, but had considerable trouble in collecting the fee, and at one time remitted part of it in order to obtain settlement. In the succeeding line, down through Grandfather Asa Fuller, who was a Minute Man, there continues to be activity of a civic nature—service as selectmen, court representatives, and the like.

George Warren Fuller was at the head of his class when he attended the Dedham schools. His scholarship was, of course, a source of great satisfaction to his mother. At sixteen he passed the examination for entrance at MIT but, his father having died a few weeks before, it was thought best for him to have a fourth year in high school, after which he was graduated at the head of his class and with the highest marks given up to that time. At MIT he met and came under the influence of such people as William T. Sedgwich, Ellen H. Richards, and Hiram F. Mills, all enthusiastically interested in the new science of public health.

Their influence was felt throughout his life. Following his graduation, he spent a year at the University of Berlin and in the office of Piefke, engineer of the Berlin water works. On his return to Massachusetts, the state board of health employed him for some five years, during the latter part of the period being in charge of the Lawrence Experiment Station where he extended the experimental work and studies started by another famous chemist and engineer, Allen Hazen. The Lawrence Experiment Station was then recognized as leading in research on the purification of water supplies and treatment of sewage in this country. Fuller's brilliant achievements in this field attracted such attention to his ability that he was selected in 1895 to take charge of the experiments at Louisville, Kentucky, in the use of rapid filtration. Immediately after he had accomplished this work, he was offered a similar engagement in Cincinnati, Ohio. These experiments served to remove the questions, which had been raised about the adequacy of rapid filtration compared with slow sand filtration for these municipalities, and, at the same time, established the value of mechanical filtration where conditions were such as to warrant its use.

During his 34 years of practice as a consulting engineer, following the opening of his New York office and, later, the opening of branch offices in Kansas City, Missouri; Toledo, Ohio; and Philadelphia, Pennsylvania, Fuller advised more than 150 cities, commissions, and corporations on their water supply and sewerage problems. The outstanding engagements, including among others: Washington, D.C.; New Orleans, Louisiana; St. Louis, Missouri; Indianapolis, Indiana; Kansas City, Missouri; Memphis, Tennessee; Wilmington, Delaware; New Haven, Connecticut; Lexington, Kentucky; Minneapolis and St. Paul, Minnesota; Montreal, Quebec; the Shanghai, China, Water Company; the International Joint Commission (Canada and United States boundary waters); the New Jersey Water Policy Commission; the North Jersey District Water Supply Commission; the Hackensack

(Continued)

Valley Sewerage Commission; and the Metropolitan Sewerage Commission of Rhode Island. For many of these engagements, his service included full control over all engineering work involved in the preparation of plans and contracts, as well as the actual construction.

Notwithstanding a busy life in active practice, Fuller gave freely of his time and energy to the advancement of his chosen profession through participation in the activities of technical societies, through contributions to the engineering press, and through educational activities. His record in this respect is outstanding. He was a member of the American Water Works Association (President); the American Public Health Association (President); the Engineering Foundation (Chair); the American Society of Civil Engineers (Vice-President); the American Institute of Consulting Engineers; the American Society of Mechanical Engineers; the Institution of Civil Engineers of Great Britain; the American Chemical Society; the American Society of Bacteriologists; the Engineering Institute of Canada; the Vereines Duetscher Ingenieure; the Association Generale des Hygienistes et Techniciens Municipaux of France; and the Franklin Institute.

Perhaps the most significant of Fuller's characteristics was his belief in organization and his devotion to standardization.

In 1920, at the Montreal Convention of the AWWA, Fuller negotiated the organization of a committee to codify and standardize water works practice. The Association before that time had developed a few specification Documents, but its relation to the preparation of those Documents was that of cooperative participation rather than leadership. The group under his leadership and chairmanship was first called the Standardization Council, later the Committee on Water Works Practice. He continued to be a dominant influence in the AWWA during the time its constitution and bylaws were being substantially revised.

At the New York Convention of the AWWA early in June 1934 (only a week before his death), Fuller was in constant attendance, participating in the sessions and continuing even then his stimulation of the activities of the Association and its elected leaders.

With the AWWA, APHA, ASCE and FSWA alone, more than 45,000 professional and technical men in North America are indebted to Fuller for the guidance of their organizational readjustments in the 1920-30 period, which made possible the standing that these associations have today.

George Warren Fuller was first of all a capable engineer, equipped with a mind that never closed a channel to new ideas. He was an inventive technician—first in the laboratory field, later in engineering and design. He was a skilled negotiator; a public relations counsel who never called himself one, but who by such skill persuaded reluctant city officials that they were very wise and right to authorize sanitary improvements. He was a loyal citizen who found himself able and willing to render service to his country during World War I. He was uncannily able to give ear to the ideas and aspirations of younger men in the field and to inspire in them some measure of the spirit of leadership that he possessed. He believed in the organization and assembly of technical and professional men and devoted himself fully to the advancement of their associations and societies to the end that they serve better through planned action and cooperation.

Fitting indeed were the words of M. N. Baker, in his editorial tribute in the Engineering News Record:

> *History will be better able than we are to appraise the contributions of George W. Fuller to the art of water purification, but history will not be so well able to appraise Mr. Fuller's personal qualities of understanding, kindliness, sound judgment and tact as are we who have been fortunate enough to have frequent contact with him in our daily work. Here also should be recorded an acknowledgment of the debt the profession owes to Mr. Fuller, especially his chosen branch of the profession, for his liberal contributions of time and energy to its professional societies. It can be said without fear of contradiction that it was chiefly through his efforts that the American Water Works Association has been raised from the level of a social group to its present high standing as a technical organization. Mr. Fuller's passing also serves to re-emphasize the youthfulness of sanitary engineering and the fundamental nature of the contributions made by a generation of notable men, now largely departed—work that centered around the Lawrence experiments and laid the foundation for present design methods and practices of water filtration. Fuller's achievements and those of others of his generation are a legacy to be utilized by the present generation to carry the art forward to greater perfection.*

ARTHUR SIDNEY BEDELL AWARD

...recognizing an individual who has made outstanding contributions to the water environment profession and to the Federation and its Member Associations.

John K. Bennett

John Bennett has been employed by the Trinity River Authority (TRA) since the day after he graduated from high school. Originally hired as a seasonal grounds care employee for TRA's Central Regional Wastewater System (CRWS) on June 1, 1986, he was promoted to Maintenance Mechanic I on June 21 and then was promoted to the position of Chief Maintenance Mechanic just three years later. His skill, intelligence, and perseverance in this position have led to his reputation for being the person to get the job done. During his career, he has accrued a total of 1208 hours of TCEQ approved training time and earned a Class "A" Wastewater Certification in August of 2000. He graduated Phi Theta Kappa from Tarrant County College in Management in December of 2001.

Mr. Bennett's leadership abilities resulted in him serving at a supervisory level in every maintenance related division within the TRA Central System's 162 MGD facility. He played a key role in the development of a very successful maintenance department and was instrumental in developing the plant's overhaul and machine shop. With his extensive knowledge of the plant's operational processes and with a close working relationship with the operational staff, he provided numerous innovative ideas for changes to operational equipment design resulting in optimization of the treatment processes. After being selected in 2000 to develop and expand the personnel training program at the TRA Central plant, he worked closely with managers of the Operations, Maintenance, and Technical Services Departments to create training programs specific to the technical requirements of each, and those training programs have received TCEQ "Approved Provider" status. With his encouragement and support, two other CRWS personnel completed the training and became approved instructors as well. In 2003, Mr. Bennett was promoted to the position of Manager at the TRA Denton Creek Regional Wastewater Treatment Plant (DCRWS). DCWRS is located in one of the most rapidly growing areas in the Dallas-Fort Worth Metroplex. The DCRWS plant's biggest challenge occurs three times a year while treating 100% of the flow from the Texas Motor Speedway. Under his leadership, the DCRWS staff has not had a TCEQ permit infraction during any NASCAR-sanctioned event and in 2009 the DCRWS facility was recognized with its first NACWA Platinum Award for five years with no TCEQ permit excursion.

Mr. Bennett uses his 1208 hours of TCEQ approved training for the benefit of others in the water and wastewater industry. His knowledge of maintenance procedures and process control allows him to serve as a technical advisor not only to operators at TRA but also to operators state-wide. He served as a co-instructor at the Texas Water Utilities Association Short School for the Pump and Motor Maintenance Course from 1990 through 1992. He became an approved instructor in 2000 for TCEQ accredited courses and in 2001 for First Aid/CPR with the National Safety Council. He has served as a volunteer instructor for the Utilities Safety Course at the Texas Water Utilities Association North Central Texas Regional School since 2000, and he organized a joint training and testing program that paired a 40-hour Wastewater Technologies Course with an on-site TCEQ testing day immediately following the training. The success of this program is apparent with 23 of the 32 attendees from North Texas earning Class "A" Certification. The pass rate for the training/testing days has been 72%, as opposed to the state average of 18% for the same time frame. According to TCEQ, this is the highest pass rate of any program statewide. In 2003, he volunteered

(Continued)

as a subject matter expert for the TCEQ, analyzing job tasks of wastewater and collections systems operations. Additionally he teaches TCEQ and National Safety Council approved wastewater, safety, and instructor development courses statewide as a contract instructor for Eagle Training Resources. To date, he has trained over 225 people in First Aid CPR and 640 people in Confined Space Certification.

John Bennett joined WEAT in 1994. In 1995, he became the Trinity River Authority Operations Challenge team Captain. In 1999 John helped start WEAT's safety committee. In 2003, after retiring from the Operations Challenge Team, John became the state Professional Wastewater Operator (PWO) Chair. In his role, he was responsible for organizing and leading the Texas Operations Challenge Competition, held in conjunction with Texas Water every year. John served as Special Assistant to the WEF Competition Committee in 2004 and 2005 and was selected Chair of the local Competition Committee for WEFTEC 2006 in Dallas. He has presented in over 14 WEAT technical sessions and has served as a technical resource for wastewater plants nationwide. In 2007, Mr. Bennett became active in the WEAT North Texas Section, serving as Vice President, President and currently as the Past President. In 2010, John became the WEAT Board Vice-President.

WATER ENVIRONMENT ASSOCIATION OF TEXAS

PILLARS OF THE PROFESSION AWARD

...honoring an individual who has demonstrated meaningful and substantial contributions toward the improvement of the water environment via a distinguished career in the wastewater or water quality industry. The honoree shall be a person of proven preeminence in the water environment profession whose career has positively impacted the success and growth of these fields within the State of Texas.

Warren N. Brewer

Warren N. Brewer recently retired as the Regional Manager for the Northern Region for the Trinity River Authority. Mr. Brewer attended East Texas State University and the University of Texas at Arlington majoring in engineering and business. He joined the Trinity River Authority in September 1977 as Operations Chief of the Central Regional Wastewater System, and was then reassigned to the Northern Region as Manager of Administrative and Technical Services. He was promoted to Assistant Regional Manager, Northern Region, before assuming his current responsibilities in 1979. Before joining the Trinity River Authority, Mr. Brewer was employed for eight years with Forrest and Cotton, Inc., a consulting engineering firm, where he was principally involved in planning, design, and operational assistance for TRA projects. In addition, he previously served as City Engineer and City Planner for the City of Farmers Branch, Texas, and as City Engineer and Director of Public Works for the City of Sulphur Springs, Texas. Mr. Brewer is a former Jaycee and Kiwanian, and a past President of the Cotton Belt Water and Sewer Association. He has been active in the National Association of Clean Water Agencies; is a past Chairman of the Texas Association of Metropolitan Sewerage Agencies, a former board member of the Texas Water Research Foundation, and until recently served as a member of the Board of Directors of the Texas Water Conservation Association, and as Chairman of the North Central Texas Council of Governments' Water Resources Council.

Warren has successfully managed the development and operations of water and wastewater systems that serve more than 1.8 million people in 40 cities in the north central Texas area. During his 33 years with TRA he has been responsible for the creation of regional systems as well as the expansion and improvements of existing

(Continued)

systems. The improvements in the treatment provided by the regional systems have had major beneficial impacts on the quality of the water in the Trinity River. During Warren's career the quality of the river has improved to the degree that it has become a major water supply source (reuse water) that helps meet the water needs of the growing population of the north central Texas region.

Over the years Warren has gained the respect and trust of the numerous customer cities that has been critical to the success of the Regional Systems. He has achieved that because he has provided a high quality and dependable service in a manner that represents the best interest of the customers working together as partners.

Warren has also been a strong supporter of the professional and technical development of his staff, including the operators of the various systems. This support has resulted in the growth of the personnel and in their commitment to performing high quality work. As a result, the regional systems have received numerous awards for excellence in their operations.

Under Warren's leadership and management, the Authority is a major supporter of WEAT. Representatives of the Authority have served in numerous officer roles and have been active participants on various WEAT committees. Mr. Brewer has been supportive of the Authority's Operations Challenge Team, which has won the national competition for four of the last five years and has certainly not only profited the Authority but also Texas's wastewater industry across the country.

WATER ENVIRONMENT FEDERATION

OUTSTANDING SERVICE AWARD

...recognizing an individual who has made outstanding contributions to the water environment profession and to the Federation and its Member Associations.

Dow J. "Jody" Zabolio, P.E.

Jody Zabolio is currently serving as the President of the Water Environment Association of Texas (WEAT). Born in Houston, Texas, Jody received his Bachelor and Master of Science degrees in Civil Engineering from Texas A&M University. He is a Registered Professional Engineer in the State of Texas.

Upon graduation, Jody began his career with CH2M Hill, where he worked on a variety of water and wastewater designs and studies. In 1996, he went to work for the City of Fort Worth Water Department as the assistant to the Program Manager for over $200 million in capital improvements to upgrade the City's sanitary sewer collection system. He moved into operations in 1999 at Fort Worth's Village Creek Wastewater Treatment Plant as Manager of Technical Services. While there, he earned his Class A Wastewater Operator's license. In 2004, Jody went to work for the Upper Trinity Regional Water District, where he currently serves as the Assistant Director for Operations. In this capacity, he is responsible for managing the operations of three water reclamation plants and two drinking water plants, which serve customer cities and utilities throughout a large portion of Denton County. During Jody's tenure, two of the plants, the Lakeview Regional Water Reclamation Plant and the Peninsula Water Reclamation Plant have been awarded WEAT's Municipal Wastewater Treatment Plant of the Year Awards; and Ron Lucero, then Superintendent of the Lakeview Plant was awarded WEAT's Outstanding Municipal Operator of the Year Award. Both of these plants have also been the recipient of multiple Platinum Peak Performance Awards for excellence in operations from the National Association of Clean Water Agencies. The Riverbend Plant has received multiple Gold Awards.

For the North Texas Section of WEAT, Jody served as Secretary, Vice-President, President-Elect

(Continued)

and President. He considers a highlight of his Presidency the creation of the Daryl Hall Memorial Scholarship, which offers opportunities for career advancement for operators and maintenance personnel within the industry. Additionally, Jody has chaired the planning committee for the annual February Seminar and served on the local arrangements committee for the first- and second-ever on-site national competition for the Stockholm Junior Water Prize (SJWP). He also served numerous times as a judge for the local and state level competitions for the award.

Jody has served WEAT as a member of the Long-Range Planning Committee, on numerous local host committees for Texas Water and on other ad-hoc committees. He has served for many years on the Program Committee for Texas Water, chairing the committee from 2006-2007. Jody has also chaired the Strategic Planning and Student Chapters Committees, is a recipient of the President's Service Award and is a member of the Texas Chapter of the Select Society of Sanitary Sludge Shovelers.

For WEF, Jody has served on the Utility Management Committee, the Public Communication and Outreach Committee, and the Stockholm Junior Water Prize Committee. He was chair of the SJWP sub-committee during the 2003-2004 transition period to full committee status. Jody has also participated in the WEF Leadership Training and WEFMAX meetings.

Join us for other award presentations on Thursday, April 7
at either the
Awards Breakfast at 7:30 a.m.
or
Texas Rocks: A Water Celebration, at 5:30 p.m. to 7:30 p.m.

TEXAS SECTION - AMERICAN WATER WORKS ASSOCIATION

MEMBERSHIP AWARDS

The Texas Section AWWA recognizes four members for their outstanding recruitment efforts that help maintain the Texas Section's leadership as the largest single state Section of AWWA forty-three Sections. The Section's continued growth is a testimony to meeting the needs of water professionals statewide.

Katie McCain – 16
Donna Howe – 12
Jeff Kyle – 12
Charles Anderson – 11

TEXAS SECTION - AMERICAN WATER WORKS ASSOCIATION

YOUNG PROFESSIONALS MAVERICK AWARD

This year, the Texas Section AWWA will continue what will become a long tradition in recognizing one of our Young Professionals as an up and coming leader of the organization. The Maverick Award recognizes an outstanding Young Professional within the Texas Section of AWWA who exemplifies exceptional qualities in the following areas: Volunteerism, Community Involvement, Leadership, and Outstanding Service in the science of water supply, treatment, operations, and quality. Young Professionals are those individuals who are a member of AWWA under the age of 35 who work or are involved in the water industry.

This award is kept a secret until the moment of the announcement at the Award's Ceremony.

AMERICAN WATER WORKS ASSOCIATION

KEN MILLER WATER FOR PEOPLE FOUNDER'S AWARD

The Kenneth J. Miller Founder's Award was established in 2001 by the Board of Directors of Water For People to honor outstanding volunteer service to this international humanitarian effort. Water For People was conceived as a North American response to the water, sanitation and health needs of millions of families living in the developing world.

From its beginnings, Water For People was envisioned to be a volunteer effort of the North American water community. The American Water Works Association (AWWA) leaders who organized Water For People believed that water professionals would recognize the urgent necessity to support such a cause by contributing their financial assistance, organizational skills, and professional expertise. They have done this and as the organization grew and began to accomplish its vision of service, it became evident that extraordinary volunteer efforts were being made at the local level that should be publicly acknowledged and honored. The Ken Miller Water for People Founder's Award was established to do this.

This will be the seventh year this award is given and Section winners will be recognized by Water for People at the AWWA Annual Conference in San Diego. This award is kept a secret until the moment of the announcement at the Award's Ceremony.

WATER CONSERVATION AND REUSE AWARDS

Each year, the Texas Section AWWA Conservation and Reuse Division recognizes those who have demonstrated excellence in Water Conservation and Reuse Practices.

Large Utility Direct Program: City of Austin
Innovative Commercial Landscape

The recently adopted Innovative Commercial Landscape Ordinance is aimed at making beneficial use of stormwater to help offset supplemental potable irrigation within the Austin city limits. All new commercial, multifamily, and institutional projects will be required to direct stormwater to at least 50 percent of their required landscape either through passive or active means. With this change also comes a change in what must be irrigated. Developers may now choose to use temporary irrigation to establish native and adapted landscapes on the site's peripheral areas which contrasts the previous code language which mandated a permanent irrigation system. Compliance with the ordinance can be met in a variety of ways and should foster new and creative ways to maintain landscapes with less potable water.

Landscapes in the commercial setting are needed for reasons ranging from heat island abatement to beauty, but in such a harsh environment as a parking lot median, inputs can be high. This is primarily seen in water use. Raised islands and landscapes shed water, both natural and supplemental, onto hardscapes and then off site. Not only does this decrease the impact from a beneficial rain event, but also leads to numerous water waste violations in which potable water is hurried into storm drains and off site.

Commercial connections account for less than 10 percent of Austin Water connections, but roughly 40 percent of water waste reports are aimed at commercial properties. At council's request, city staff explored the idea of beneficial stormwater use on commercial sites and found that through design changes such as inverting medians and rethinking the urban landscape, rainwater and treated water can be used more efficiently leading to a decrease in potable water consumption.

The process of creating the Innovative Commercial Landscape Ordinance involved input from numerous public and private sources with a variety of expertise. Horticulturists, landscape architects, irrigators, maintenance personnel, geologists, planners, and engineers all contributed to the ordinance before being unanimously passed by city council. A portion of the design community was skeptical that landscapes under the new ordinance couldn't thrive and if there would really be a decrease in water usage.

Low Impact Development sites have been developed around the nation and although central Texas has a unique climate and rainfall pattern, some forward thinking developers had already shown ideas, such as directing stormwater to landscapes, can work. The ordinance allows for multiple methods of compliance including overland flow (either to traditional landscapes or innovative water quality controllers), rainwater harvesting, disconnected downspouts, retention irrigation or leaving a native area undisturbed. Each of these options, along with the landscape manager, will have different effects on water savings, but an introductory savings estimate was calculated to be between 0.18 and 0.31 mgd after ten years of building under the new ordinance.

Cost to the developer and the building inhabitant was also considered. While both construction and maintenance costs will rely heavily on the site and the design, Austin's Neighborhood Housing and Community Development's affordability impact statement states that the ordinance will have no impact on affordability. In one case study, rain gardens were used to offset the need for concrete in the sedimentation pond which resulted in landscape development savings of 48 percent.

Within the ordinance is a requirement that staff

(Continued)

reconvene in two years to assess the ordinance for successes and failures. In the short term, success of the ordinance will be decided on effective design, plant survival, plant health, proper drainage and speed of plant establishment. Water savings will be hard to judge in the first two years, but once multiple sites are established and experience several years of changing weather, water usage on similar pre ordinance and post ordinance sites can then be compared. As sites are designed under the ordinance, dialogue will need to take place between all facets of the design community, ensuring a holistic approach to landscape design which utilizes resources efficiently.

Small Utility Direct Program: City of College Station Parks & City Facilities Irrigation Conservation

In 2009 the City of College Station began looking for ways to not only reduce expenses, but also set an example for citizens by modeling more efficient landscape water use practices. Staff from the Parks and Recreation (PARD) and Water Services departments met with the City Manager's office to review water use at all City facilities and prioritize certain city sites for irrigation system inspections and repairs.

Detailed reports of water usage for every City facility with an irrigation system were collected, and the Water Auditor met with Parks & Recreation staff to inspect irrigation systems at the highest-use facilities.

The end result of numerous inspections of city irrigation systems was a monthly report presented to City Council comparing predicted vs. actual water use for the month and for the 12-month period preceding the report. The report contains water usage for irrigation of City facilities, neighborhood parks, athletic fields, and other irrigated areas such as street medians. For each facility, the report includes four data points on irrigation water usage:

- Total in FY 2009 vs. Actual for previous 12 months;
- Budgeted for previous month vs. Actual for previous month.

Predicted water usage comes from water budgets for each landscape site using the Texas Landscape Irrigation Auditing and Scheduling Software developed by the Irrigation Technology Center. The software uses the amount of irrigated acreage, historical weather data, as well as soil and vegetation characteristics to produce a site specific water budget. Each site is analyzed using aerial photographs and GIS calculations for irrigated acreage.

For any site that has higher than predicted water usage, Water Services and PARD meet to determine the cause of the high usage. In some cases higher than normal usage is due to actual rainfall in a particular month being less than the historical average rainfall used to predict the water budget for a particular site. In other cases high usage is due to irrigation system leaks, which are repaired by PARD and reported to Water Services as they happen, so that can be noted in the monthly report.

The report is presented to City Council on a monthly basis, with explanations for water usage. After nearly a year of presenting the data and working with PARD to improve irrigation systems, the decision was made to reclassify two full-time PARD positions into full-time irrigation specialists in a new Irrigation Division within the Public Works Department. These two positions are responsible for inspecting, repairing, adjusting, maintaining and managing the irrigation systems for the City, with the exception of the PARD athletic fields. Their first task was to inventory the systems, controllers and spray heads, adjust spray angles and set clocks and replace batteries. The two irrigation specialists have already made significant improvements to the systems at Public Works, Municipal Court and City Hall and are currently working on improvements to operation and efficiency of the irrigation system at College Station Utilities.

Overall, the City did an excellent job in FY 2010 of conserving water. Compiling annual water usage

(Continued)

data in thousands of gallons shows a 37% decrease in irrigation usage at Parks & Athletic Fields, and a 57% decrease in irrigation usage at City facilities.

The category "Other Areas" includes medians and islands, where the City of College Station is still establishing many trees and right-of-way landscaping that did not exist in FY 2009, so usage in this category is well above the previous year.

Category	Used in FY-09	Used in FY-10
Parks & Fields	94,058	59,169
City Facilities	17,608	7,580
Other Areas	4,408	9,741

Large Utility Indirect Program: City of Austin 3C Challenge Campaign

Austin Water provides safe, reliable drinking water to more than 900,000 residential and commercial customers. Austin Water draws from the Colorado River then supplies two water treatment plants that can process 285 million gallons per day.

In early 2010, the Austin City Council passed a resolution setting a goal to lower the total per capita potable water use to 140 gallons per capita per day by 2020. Currently the per capita use for Austin is about 167 gallons. This directive from council combined with the severe drought of 2008/2009 was a wake-up call that Austin still needed to do more to conserve water. To meet this new challenge, Austin Water began a new campaign to encourage water customers to be more aware of how they use water every day.

Our reasoning for launching the 3C Challenge awareness campaign was to begin a culture change for our customers to one that is more conservation-minded. The 3C Challenge encourages residents to commit to a water-wise lifestyle, calculate daily water use and conserve water now and in the future.

While Austin Water customers have significantly reduced personal water consumption over the past five years, more is needed to get our customers to the city council's goal. Our goal for the campaign is to fine tune our resident's water conservation habits by building awareness about new tools and driving customers to our water conservation assistance and incentive programs.

The new, online water calculator on WaterwiseAustin.org is a key piece of the campaign. The calculator gives residents an estimate of their daily water use and tips on how to conserve. When Austin Water customers complete the water calculator, they receive an individualized plan of action to save water and are asked to pledge to a waterwise lifestyle. This plan of action directs the customer to the appropriate Austin Water programs (such as the free toilet program or rainwater harvesting rebate) designed to help them achieve greater water savings. The code for the online water calculator was supplied by Tampa Water and customized for the City of Austin. The calculator, which is in English and Spanish, is a permanent feature of Austin Water's conservation website: WaterwiseAustin.org. Additionally, we promoted new water-use graphics on the City of Austin utility statement to our customers. These graphs give customers a view of their water use for the past 13 months, allowing them to track how well they are doing in their conservation efforts.

Austin Mayor Lee Leffingwell served as Austin Water's spokesperson at the kickoff news conference in July 2010. To garner additional campaign participants, a contest was developed. Customers who used the online water calculator and took the waterwise pledge by the end of August were eligible to win a high efficiency washer/dryer.

The campaign reached across all media. Print included daily, weekly and monthly publications with strong placement in African –American and Spanish language newspapers. We produced several TV spots and ran radio ads that reached across

(Continued)

Austin's diverse populations. We also had a heavy web presence on major news sites as well.

To support our community outreach, we produced collateral -- in English and Spanish -- that our outreach staff took to every event.

The 3C Challenge campaign, which will continue into 2011, has already shown significant results. Below are some initial findings.

Year	Total Per Capita Water Demand
2007/2008	170 gallons
2008/2009	167 gallons
2009/2010	135 gallons

Small Utility Indirect Program: Wells Branch MUD Water Conservation for School Children Initiative

The Water Conservation for School Children Initiative is a conservation education project for public school elementary students and their parents in the Wells Branch Municipal Utility District. The project has three components:

- A copy of the book "Buckley T. Fuller and the Bucket Brigade," given to each second and fourth-grade student in the district to keep and take home. The book's theme is "Working together, we can save water and protect our environment." The book includes a variety of simple ways that children and their parents can conserve water in the home.
- A five lesson curriculum for teachers instructing the children on the principles of water conservation.

A class project was designed to reinforce the theme of the book. Students fill "Buckley's Bucket" by saving water at home. Each student takes a form home each day that a parent signs to verify the student saved water at home. When the form is returned, the student is given a water drop sticker to place on the bulletin board bucket. By including the parents in the project, the conservation message is extended to the adults as well as the children.

For all water utilities in Texas, the challenge is to encourage water efficiency. The Board of Directors of Wells Branch Municipal Utility District has set a goal: Reduce peak-time consumption of potable water.

Working in concert with its wholesale water supplier, the City of Austin, Wells Branch Municipal Utility District combined aggressive rainwater harvesting and a consistent public information campaign to encourage conservation by residential and consumer users.

Wells Branch MUD provides water to more than 2,700 customers. The district, created in 1981, is primarily single-family residential, but it also has a large constituency of apartment complexes. One strategy to spread the message of saving water was an outreach to the two elementary schools located in the district. By raising children's awareness, Wells Branch was confident that it could raise the level of awareness at the children's homes. This was particular important because one of the elementary schools serves much of the apartment community, and the outreach allowed the district to penetrate that traditionally uninvolved demographic with its conservation message.

The MUD partnered with Davery Creatives of Austin to build a curriculum around the popular "Buckley T. Fuller and the Bucket Brigade" book that Davery had published. The MUD determined it would distribute a copy of the book to each second- and fourth-grader in the district over a two-year period at a cost of about $6,000 per year. This insures by the end of the second year, each student in the elementary grades 2-5 within the district has had an opportunity to touch the message: Working together, we can save water and protect our environment.

Each book was labeled as a gift from Wells Branch Municipal Utility District, to underscore the importance of conservation to the utility. For teachers, Davery developed an educational curriculum that included lesson plans, bulletin board materials and a class project that students could work on at home, with the help of parents.

As it begins its second year of the initiative, Wells Branch MUD is in the process of surveying teachers, and early results are encouraging. From this feedback, the MUD has shifted its introduction

(Continued)

of materials to the schools to earlier in the school year, allowing teachers more time and flexibility to integrate the water saving curriculum. The delivery of materials to the schools is one component, along with infrastructure additions and other strategies of the water conservation initiative of Wells Branch MUD. Since beginning its effort, the MUD has reduced its peak monthly water usage from a high of almost 80 million gallons a month to about 46 million, even during dry years. This reduction came in spite of the addition of two large apartment complexes to its system.

Bob Derrington Water Reclamation Award:
City of Round Rock
Williamson County Water Reclamation & Reuse Project – Phases 1A & 1B

The City of Round Rock (CORR) is developing a new water reuse system that will produce high quality reuse water meeting Texas Commission on Environmental Quality (TCEQ) Type I quality criteria for unrestricted reuse. It will be used for landscape irrigation to help offset growing demands on the CORR's potable water supplies. The reuse water for the new system will be produced at the Brushy Creek Regional Wastewater Treatment Plant (BCRWWTP), pumped into an existing 24 inch reuse waterline installed adjacent to the BCRWWTP along US 79, and supplied for landscape irrigation through a network of new pipelines that will serve reuse customers north and west of the BCRWWTP. As currently planned, the reuse system will be constructed in five phases as follows.

1. Phase 1 consists of two phases.

A. Phase 1A includes approximately 9,000 linear feet (LF) of 24- and 12- inch transmission lines installed in a 570 acre CORR owned park called Old Settlers Park (OSP) that will convey reuse water for irrigation of numerous amenities in the park, including several soccer, softball and baseball fields. The pipeline will also provide reuse water to Dell Diamond, which is home of the Triple-A Round Rock Express baseball team.

B. Phase 1B includes construction of filtration, disinfection, storage and pumping facilities at the BCRWWTP for production and delivery of Type I reuse water to the distribution system. The Phase 1B facilities will have a capacity of approximately 6 million gallons per day (MGD).

2. Phase 2 will consist of installation of approximately 9,400 LF of 24 inch reuse water pipeline from OSP northward to future development areas adjacent to CR 112, and a 3 MGD expansion of the treatment and pumping facilities at the BCRWWTP.

3. Phase 3 will include installation of about 4,700 LF of 24 inch and 16 inch reuse water lines westward along CR 112 to the new Round Rock Higher Education Campus (HEC).

4. Phase 4 will involve installation of approximately 900 LF of 16 inch reuse water line through the HEC, construction of a 1.25 million gallon (MG) elevated storage tank (EST) nearby, and a 3 MGD expansion of the treatment and pumping facilities at the BCRWWTP.

5. Phase 5 will entail installation of about 4,300 LF of 8 inch reuse water line from the existing 24 inch pipeline along US 79 westward to Stony Point High School.

Phase 1 of the reuse system is currently under construction with a scheduled completion date of February 2012, which will enable landscape irrigation with reuse water in OSP by the spring 2012 growing season. The overall goal of the CORR's reuse program is to provide reuse water throughout the City, in areas economically practical, and make the most of this often overlooked resource.

The CORR is in a relatively fast growing area of central Texas and that growth requires ongoing water supply planning to insure that water supply, water production, and water distribution facilities are maintained, improved, and expanded to meet current and future water needs. Current average water demand in the City is approximately 22,000 acre-feet per year (acre-feet/year) or 20 MGD. By 2050, the average demand is projected to increase to approximately 58,000 acre-feet/year or 52 MGD, which will result in a water supply deficit of about 7,000 acre-feet/year or 6.3 MGD based on the City's

(Continued)

existing and planned potable water supplies. An engineering Feasibility Report (FR) was conducted in 2009 to determine the need, potential benefits, and strategies for implementing water reuse in Round Rock. The FR evaluated the need for reuse by analyzing both current and projected water supplies and demands for Round Rock, as well as current and projected wastewater treatment and disposal options for the City. In short, the FR predicted future water supply shortages in the Round Rock area and identified reuse as a viable component of the long range water supply for the City. The findings of the FR supported past studies related to reuse in Round Rock, including Texas Water Development Board (TWDB) regional water supply planning, water distribution system and reuse master plans conducted by the City, and a technical memorandum regarding treatment options that would allow production of Type I reuse water at the BCRWWTP. The FR also identified opportunities for water reuse in Round Rock, described and quantified alternatives to reuse, such as conservation and further development of potable water supplies, evaluated legal and institutional requirements related to reuse, determined technologies available for production of reuse water, and the estimated costs of reuse implementation in the CORR.

The reuse project is being funded by the City and by Federal grant funds administered by the Bureau of Reclamation (Reclamation). Because Federal funds are being used for the project, an environmental assessment (EA) was conducted in 2009 by the City, pursuant to the National Environmental Policy Act of 1969, as amended. The National Environmental Policy Act requires federal agencies to integrate environmental considerations into their decision making processes by considering the environmental impacts of their proposed actions and reasonable alternatives to those actions. The EA studied the potential environmental impacts of the water reuse system on the project area. Based on the results of the EA, Reclamation determined that the proposed reuse project would not significantly affect the quality of the human environment.

Concurrent with the EA, a Water Reuse Master Plan Update was performed by the CORR to estimate irrigation demand in the proposed reuse system and develop a preliminary design for the Phase 1 reuse facilities. Reuse demands were calculated by determining representative irrigation application rates and net area factors (percentage of irrigatable acreage) for potential reuse customers in the project area.

Estimated reuse demands were corroborated by potable water consumption data from existing irrigation meters in parts of the project area. The demand data were used to develop preliminary sizing for the reuse treatment and distribution facilities required for the proposed system. Estimated reuse system construction costs were also calculated from the preliminary design information.

Upon completion of the EA and Master Plan Update, simultaneous full scale design of Phases 1A and 1B was initiated. In order to maximize the benefits of the Federal grant funds allocated to the overall project, the Phase 1A pipeline was bid for construction in March 2010 and the project is nearing completion. Under a separate contract, construction is recently underway for the Phase 1B project and completion is scheduled for February 2012.

Phase 1 of the new water reuse system will reduce potable water demand in the City of Round Rock by approximately 6,800 acre-feet/year or 6 MGD when landscape irrigation is practiced during spring, summer and fall months. The projected ultimate demand of the reuse system is approximately 13,400 acre-feet/year or 12 MGD, which will result in further water savings. The estimated cost of the proposed CORR reuse system is $328/acre-feet/year. The estimated costs include debt service, operation and maintenance, and reserves for equipment replacement and major maintenance items. Based on cost information generated by the FR, reuse is approximately $52 per acre-foot per year less expensive than implementation of water conservation measures and $404/acre-feet/year less costly than development of a new potable water supply from Lake Travis.

Additionally, construction bids for the Phase 1 projects were under budget, thus providing tangible evidence of cost savings associated with new reuse system. Implementation of reuse in Round Rock will help alleviate a projected future water supply deficit and allow deferral of more expensive water management options, which is consistent with the overall objective of the City's reuse program.

WATERMARK AWARDS

MEMBER AWARD

The Watermark Award for communications excellence recognizes Texas Section AWWA and WEAT members who have produced top quality communications. Effective internal and external communication is essential to a member's ability to provide excellent service. Today's water resource professionals must communicate with a variety of audiences to achieve success. Through these awards, Texas Section AWWA and WEAT hope to heighten awareness among all water resource professionals about the importance of effective communication.

Category I: Communications programs: internal campaigns, external campaigns, crisis communications, community relations

Large Utility

El Paso Water Utilities:
Get Mad! Report Illegal Dumping Campaign

El Paso has a serious illegal dumping problem that not only spoils its beautiful scenery, it creates havoc with its stormwater system. Stormwater utility crews removed 70,000 tons of waste from the system in Fiscal Year 2009 -2010. Illegal dumping can clog the system, preventing it from effectively channeling runoff and causing flooding.

A campaign started in the Spring of 2010 centered around two "abuelitas" or grandmothers, who complain about people who dump illegally in the neighborhood. They explain that illegal dumping causes flooding and encourage people to get mad and report it.

In-house resources were primarily used in the $38,000 campaign that included TV, radio and movie theater public service announcements, a website video and other information, bus and bus bench ads, posters, traditional and digital billboards, TV and newspaper stories, bill inserts and more.

Non-utility:

North Texas Municipal Water District
Water IQ: Bad Habits Campaign

The North Texas Municipal Water District provides water to 1.6 million residents in North Texas through its 13 member cities and 49 customer cities. The area is rapidly growing and therefore seeing rapid increases in water use. North Texas MWD recognizes the need to heighten consumer awareness that water is a finite resource and to increase the knowledge and practice of efficient water use.

Research identified the target audience – residents that are the largest water users – adults ages 25-54 who are homeowners, have an annual income of more than $100,000 and are college-educated. NTMWD and nation research shows people are willing to conserve, but need to be equipped with easy and specific steps they can take to do their part. National research also reveals that social norms are often key to nudging people to change their behavior.

The 2010 campaign aimed to get the target audience to consider the impact their everyday lifestyle choices have on the current and future water supply by providing ideas and information that guide proactive decision making.

(Continued)

Category III. Publications: annual reports, annual water quality reports, brochures, direct mail materials and other multi-page publications.

Large Utility:

San Antonio Water System
2009 Annual Report

The SAWS annual report is built around a team effort. Designer Brian Wilke wanted the cover to be bold and in your face while at the same time extracting an element that represents the organization and focuses on its field techs, customer service and overall satisfaction of ratepayers. The SAWS utility flag is not just a flag on a wire pole, but a symbol representing the organization's duties to its customers.

The inside black and white/color combo is intended to draw in the viewer while focusing on the action taking place in the photo and graying out its surroundings. Using Mission, Vision and Values as the framework, the report showcases SAWS as a transformational organization that operates efficiently and with solid financial planning and long-term policies.

Small Utility:

City of Waco Water Utility Services
2009 Water Quality Report and Year in Review

The City of Waco Water Utilities uses the Water Quality Report and Year in Review to meet the annual Consumer Confidence Report requirement and to inform and educate citizens on a variety of topics. A great deal of effort was given to implementing a design that is eye-catching and having a theme to tie the information together. It is also a tool for dispelling myths and rumors and cultivating positive feelings toward the utility, a professional image and positive perception of water quality. The report is mailed to about 35,000 account-holders.

Non-utility:

North Texas Municipal Water District
2008-2009 Annual Report

Each year the North Texas Municipal Water District develops an annual report to recap the activities and service provided its 1.6 million residents. The report shares information about drinking water, wastewater and solid waste systems, and discusses future planning needs for the North Texas region, as well as water conservation initiatives implemented.

The goal of the report is to make sure stakeholders understand the activities and financial state of the organization. NTMWD wanted to create a report that was both engaging and visually appealing to summarize the prior year's accomplishments and pertinent data. The district wrote the content and gathered the data. It hired an outside agency to do the design and layout.

Honorable Mention

Dallas Water Utilities
2010 Messages From a Direct Mail Pilot Project

Summer signals a significant increase in outdoor water use. Research shows 75% of residents in the northern quadrant of the city have automatic sprinkler systems. In order to increase its outreach efforts to reach this critical audience, DWU implemented a direct mail pilot program consistent with the "Message from" public awareness campaign that was underway. A six-piece direct mail program provided a repetitive message from mid-June through mid September. 2010 research indicated a higher percentage of respondents in the targeted area acknowledged direct mail as one of media by which they received conservation messaging, as compared to other parts of the city.

(Continued)

Category IV. Online communications: websites, Facebook, Twitter, online newsletters, etc.

Large Utility:

City of Arlington Water Utilities
Online "Go with the Flow" Toilet Distribution Application Form

Arlington Water Utilities updated its water conservation plan in 2009. One strategy to help meet the conservation goals is a residential high-efficiency toilet distribution program. The program's goal is to distribute 600 high-efficiency toilets per year to residential customers that have older high-water-use toilets. Initially the program focused on specific neighborhoods, but the distribution number fell short of goals. The decision was made to open it up citywide. It was determined an online application would be created in-house to assist with managing applications and distribution events.

The water utility worked with the city's Information Technology Department on the project. It uses an SQL database to store the applications and connects with AWU's Oracle billing database to automatically populate customer information fields and connect with the Tarrant County Appraisal District database to verify property information regarding when the home was constructed. The online form was tested extensively to ensure compatibility with numerous web browsers.

Over 500 applications were received and 489 were approved to receive toilets. The distribution event was considered a success and the online application was vital to the management and organization of the program.

Category V. School curriculums

Small Utility:

Wells Branch Municipal Utility District
Water Conservation for School Children Initiative

Wells Branch MUD provides water to more than 2,700 customers. The constituency is mostly single-family homes, but there is a large constituency of apartment complexes. One strategy to reduce water use is to conduct outreach to two elementary schools in the district. The MUD partnered with Davery Creatives to build a curriculum around the popular Buckley T. Fuller and the Bucket Brigade book that Davery had published.

The goal is to distribute a copy of the booklet to each second- and fourth-grader in the district over a two-year period to underscore the message "working together we can save water and protect our environment."

For teachers, Davery developed a curriculum that included lesson plans, bulletin board materials and a class project that students could work on at home, with the help of parents, widening the distribution of the message.

Wells Branch MUD is in the process of surveying teachers, and early results are encouraging. Based on the feedback, the distribution of materials will occur earlier in the school year so teachers have more time and flexibility to integrate the water-saving curriculum.

Category VII. Audio and visual: videos, DVDs, slide shows, Power Point presentations, etc.

Large Utility:

San Antonio Water System
Video Web Project

As technology continues to advance, the methods used by ratepayers to access information continues to grow. The internet provides constant access to information. The goal was to generate greater awareness among ratepayers of the many programs SAWS has implemented to efficiently and effectively maximize its use of limited resources of water and money.

The object was to relay the benefits of SAWS' aquifer storage and recovery facility, as well as show how businesses can save money and water without impacting service to their customers. With SAWS

(Continued)

now using platforms, like Facebook, social media was identified as the best way to spread the news. It allows longer messages and reaches a younger and possibly non-traditional audience.

SAWS filmed short videos to relate successes of water savings and underground storage. Key information was relayed in a fast-paced upbeat and non-traditional approach. Two videos have been produced so far with more on the way. You can find them on the SAWS Facebook page, linked to SAWS Twitter account and available through the SAWS website.

Non-Utility:

Trinity River Authority of Texas – Source to Tap Animated Presentation

TRA's Tarrant County Water Supply Project, an 87 million-gallon-a-day water treatment plant serving Northeast Tarrant County, needed artwork to decorate the lobby of its new administration building. Staff wanted something innovative and educational rather than just photos. They approached the Public Information Department for Assistance. The challenge was to create a product with capabilities to expand to other projects.

A large screen video monitor was purchased for the lobby and a permanent, technology driven display illustrating the important work carried out on a daily basis at the plant was created.

The Source to Tap animated presentation uses a combination of aerial and ground photography, maps and animation fused with a Power Point presentation that runs continuously. The presentation is frequently evaluated and updated in response to process and equipment changes.

Honorable Mention

El Paso Water Utilities
Willie the Water Drop Rescue

An important component of the illegal dumping campaign is an educational video for children to be shown on the website and at educational facilities. A major goal of the video was not only to empower youth to take care of their community, but to talk about it with their parents. EPWU partnered with students in the video production program at Eastwood High School to create the five-minute video.

Category VIII. Miscellaneous: photography, logos, one-time advertisements, posters, illustrations, invitations.

Small Utility:

City of Waco Water Utility Services
Value of Water Promotional Water Bottle

The City of Waco was forced to implement a substantial rate increase in 2010 after three-years without one. This presented a challenge in terms of customer relations, customer satisfaction and perception of Waco water in general.

The goal of the promotion was to shift the conversation away from being about rate increases and to highlight that Waco water is still an unparalleled and outrageous bargain compared to bottled water or any other beverage.

WILLIAM D. HATFIELD AWARD

...recognizing an operator of wastewater treatment plants for outstanding performance and professionalism.

Frederick R. Moore

Mr. Frederick (Rick) R. Moore has been employed with San Jacinto River Authority (SJRA), Woodlands Division since October 1997. His excellent job performance and professionalism in the domain of wastewater system operations have resulted in continued promotions during his tenure. Rick's initial employment as an Operator at one of San Jacinto River Authority's three wastewater treatment plants was soon upgraded to the role of Lead Operator. Rick was later promoted to Chief Operator with supervisory duties related to all wastewater treatment plants. In 2009 Rick was promoted to his current role of Wastewater Superintendent. As Wastewater Superintendent, Rick manages regulatory compliance and field operations related to all wastewater treatment plants and conveyance systems. He also provides significant input related to the overall management of the wastewater system and its employees. Rick leads by example and has created exceptional operations teams with a shared vision of excellence and camaraderie. Together, with his operations team, Rick has worked diligently, with attention to detail, to optimize operations, and to ensure that SJRA wastewater facilities continually produce effluent of the highest quality. Rick also ensures that all work is performed in accordance with established safe operating practices and procedures. Rick was the first chair person of the SJRA Safety Committee and continued in that capacity for 1½ years.

Rick started his career in wastewater in 1991 as an operator trainee at a small utility in southern Florida. Over the next six years, he operated nine municipal WWTPs and five package plants, encompassing a wide range of treatment processes including conventional, contact stabilization, complete mix, and extended aeration activated sludge. He gained valuable experience with many sludge disposal practices such as on-site and off-site land application, landfill and composting. Rick also continuously expanded his knowledge and understanding of State and Federal Regulations. During this time, Rick developed and embraced the belief that our most precious resource (water) should not be treated as a commodity, but as a public trust.

Rick is an active member of the Water Environment Federation (WEF), the Water Environment Association of Texas (WEAT), and the Texas Water Utilities Association (TWUA). He keeps abreast of current and new wastewater treatment practices and technologies via trade publications, the Internet, his relationship with equipment manufacturer's representatives and engineering firms, and of course by attendance of WEF/WEAT, TWUA and TEEX seminars, events and classes.

Rick is happily married to his bride of 22 years and has two children, one in college and the other in high school. He appreciates living in The Woodlands, Texas area and enjoys barbecuing, writing, and riding his motorcycle during his free time.

MUNICIPAL WASTEWATER TREATMENT PLANT OF THE YEAR
Category 1 (<1 MGD)

...presented to a municipal wastewater treatment plant in Texas that has consistently exhibited outstanding performance of daily activities beyond the normal call of duty.

Buda Wastewater Treatment Plant
Guadalupe-Blanco River Authority

The Buda Wastewater Treatment Facility is owned by the City of Buda, Texas and is located near Interstate 35 south of Austin. The Guadalupe Blanco River Authority (GBRA) has operated and maintained the plant since 2001. The plant currently has a permitted capacity of 0.95 MGD. Effluent is pumped to the headwaters of Plum Creek, a major tributary of the San Marcos and Guadalupe Rivers. The plant has strict discharge limits including 7 mg/I carbonaceous biochemical oxygen demand (CBOD), 12 mg/l TSS, 2 mg/l ammonia nitrogen and 1.2 mg/l total phosphorus. Recognizing the need for growth, the City has recently awarded contracts to expand the plant's capacity to 1.5 MGD. The permit for the expanded plant will be even lower including 5 mg/l carbonaceous BOD and 0.8 mg/l total phosphorus.

The Buda plant operates as a "complete mix" activated sludge process. The plant also maintains a Type I reuse authorization. The plant process consists of rotary fine screen with integral screenings washer and drying auger, influent lift station, an emergency holding pond, aeration basins with fine bubble diffusers, a MLSS splitter box where alum is introduced for phosphorus removal, secondary clarifiers, disinfection with gaseous chlorine, and filtration. Waste activated sludge is thickened, aerobically digested, and dewatered by belt filter press. Effluent will provide the City of Buda with irrigation water to several parks and water features in the near future.

The operators of the Buda Wastewater Treatment Plant are also responsible for operating three additional wastewater treatment systems including the Wimberley Plant, Shadow Creek Collection System and Plant, and the Sunfield Plant. Chief Operator Ed Boettner supervises all aspects of the various facilities. Dennis Walker, Allan Smith, and Fred Hernandez operate and maintain the plants and perform process control monitoring. Ed holds a "B" Wastewater license and a Class II Collections Systems license, Dennis holds an "A" Wastewater license, Allan holds a "C" Wastewater license, and Fred holds a "D" Wastewater license.

GBRA's health and safety programs are outstanding and have been recognized by Texas Water Utilities Association and the Texas Water Conservation Association Risk Management Fund. Health and Safety is managed with strict adherence to the GBRA Safety Manual and the GBRA Health and Safety Policy Manual. The objective of every GBRA employee is "Zero Lost Time" and has been achieved at the plant for the past 9 years. Safety meetings are conducted monthly and the Team is represented by membership on the GBRA Safety and Health Committee.

In order for a plant to consistently meet its permit requirements, operators have to incorporate facilities maintenance into daily operations. GBRA utilizes an aggressive preventive and predictive maintenance program to ensure the equipment operates at peak performance. GBRA uses a computerized maintenance management system (CMMS). The system tracks preventive maintenance activities, generates work orders, and logs scheduled and non-scheduled tasks as they are completed. All major and critical equipment and related components are included in the CMMS. Predictive maintenance practices utilize advanced technology for anticipating and diagnosing equipment problems. This predictive maintenance consists of vibration analysis, motor circuit evaluation, infrared thermography, and oil analysis.

By blending technical expertise, a safe working environment, and facilities maintenance, the Buda Team has been able to operate a facility that consistently produces high quality effluent necessary to protect the sensitive waters of the Guadalupe River basin.

MUNICIPAL WASTEWATER TREATMENT PLANT OF THE YEAR
Category 2 (1-15 MGD)

...presented to a municipal wastewater treatment plant in Texas that has consistently exhibited outstanding performance of daily activities beyond the normal call of duty.

Woodlands Wastewater Treatment Plant No. 1
San Jacinto River Authority

The San Jacinto River Authority (SJRA) owns, operates, and maintains Wastewater Treatment Plant No. 1 located in The Woodlands, Texas. WWTP No. 1 is a regional plant that serves the wastewater treatment needs of several Municipal Utility Districts (MUDs) in the immediate area. Each MUD has entered into an agreement with SJRA for financing, construction, and operation of the water supply and wastewater treatment systems. SJRA provides wholesale services to the MUDs, and the MUDs provide retail services to their customers. The treatment plant has a design capacity of 7.8 million gallons per day (MGD) with a permitted 2-hour peak flow of 18.0 MGD. The plant receives influent from primarily residential dwellings and commercial businesses with several industrial users. The average daily flow is approximately 3.5 MGD.

WWTP No. 1 has an excellent record of permit compliance. The plant has two possible discharge points with slightly different limits. Outfall 001 has permit limits of CBOD 10 mg/L, TSS 15 mg/L, and ammonia nitrogen 3.0 mg/L. Outfall 002 is a reuse stream with more stringent limits of CBOD 7 mg/L, TSS 15 mg/L, and ammonia nitrogen 2.0 mg/L. In the past two years the plant has had only one compliance violation. The violation was due to a manhole that failed during a rain event of 8.68" in an 18 hour period. The excessive rain caused the nearby creek to rise and flow into the failed manhole. The plant's lift station pumps could not keep up with the flow and overflowed the channel. The plant regularly produces effluent CBOD and TS5 results that are a third of the permitted requirement with ammonia nitrogen averaging a mere 0.20 mg/L.

SJRA has a combined total of 21 wastewater operators with nine having direct responsibilities with WWTP No. 1. In addition to the 21 wastewater operators, eight maintenance personnel have Class D wastewater licenses. The maintenance staff does not operate any of SJRA's treatment plants but have acquired their licenses to allow them a better understanding of how the treatment processes work and how their duties may impact the system. The other 12 operators work at SJRA's other treatment plants but are cross-trained at WWTP No. 1 to allow flexibility in case they are needed.

SJRA also utilizes 24 hour shift operations within their entire water and wastewater system. With this schedule it allows for immediate response to any issue that may arise and it allows for a licensed operator to keep constant tracking of plant operations.

SJRA meets the criteria of having a safety program that is well documented and active. It has a functioning safety committee that performs annual assessments of all SJRA facilities, reviews near misses and incident reports, and endeavors to promote safety in the field. SJRA has several written programs that cover hazard and compliance issues such as confined space entry, hazard communication, and respiratory protection. Employees attend monthly and periodic safety meetings and training that stress the importance of safety in daily duties, provide education and knowledge about work practices and associated hazards, and provide an avenue for employee interaction and discussion on various safety issues.

SJRA is always looking for ways to improve with due diligence in environmental matters, reliable operations, consistent performance, and outstanding teamwork when it comes to environmental stewardship.

OUTSTANDING OPERATOR OF THE YEAR

...presented to a municipal wastewater treatment plant operator in the State of Texas who has demonstrated outstanding professionalism at his/her facility and has performed his/her duties tirelessly and with dedication to the betterment of the water environment.

Kerry W. Maxwell

Kerry has nearly thirty years of experience with the City of College Station, the majority of which was spent performing mostly maintenance duties. For most of his career Kerry had little to do with plant process control measurements and adjustments, optimizing sludge handling operations, and other technical aspects of operations. In the summer of 2008, due to his experience and his clearly outstanding leadership ability, Kerry was promoted to Lead Operator and put in charge of the Carters Creek WWTP operations. The Carters Creek plant is the more technically demanding of the two plants that the City owns and operates, and Kerry asked for the opportunity to take that challenge. He has had to learn the technical skills associated with operations on the job as he went along. Kerry wasted little time proving that his move to operations was a good decision.

Early in 2010, the City began a project to improve some of the systems at Carters Creek using outside, contracted resources, including bleach injection on the NPW system, replacement of some clarifier and sludge thickener drives, and better pumping and measurement for the WAS system. As Lead Operator, Kerry had to coordinate the construction with staff and the contractors, making sure that all conflicts were resolved in such a manner that processes remained uninterrupted and compliance was maintained. He also had a great deal of input in the various decisions that have to be made from day to day during the construction project. Kerry did not just do these well, he excelled at them. The project was finished with no permit excursions that could be attributed to the construction activities or Kerry's coordination with them. During the construction at Carters Creek, problems developed in the centrifuge at the Lick Creek WWTP. While that centrifuge was out of service, Kerry coordinated hauling Lick Creek WAS sludge in liquid form to Carters Creek for dewatering and disposal. During this change in operation, Kerry was able to help maintain compliance at the Lick Creek plant, and avoid upsets at Carters Creek with the additional loading.

With the limited previous experience that Kerry had with the more technical operations, this is an outstanding accomplishment by itself. It is not, however, his greatest accomplishment during this project. While the modifications were being made to the WAS pumping system, Kerry talked with the contractor and saw an opportunity to install a few valves that were not on the plans, but which would give us the option of returning to using the old WAS pumping system of airlift pumps should problems arise with the new WAS pumps. Kerry's idea was implemented, and as it turned out, was essential to maintaining permit compliance. There were delays with the installation and programming of the new WAS pumping system which would have resulted in the City being out of compliance, had Kerry not suggested the modification.

Kerry continues to develop his skills not only on the job, but through professional development. Within the last year, Kerry has attended seminars and training on chlorine gas safety, groundwater operations, utilities safety, and biosolids treatment and disposal. He is also studying and working toward attaining a Class B Wastewater Treatment license.

Kerry not only takes pride in his work as an operator, but gladly shares his enthusiasm for this industry by providing tours of the Carters Creek WWTP for groups as diverse as elementary school students, Cub Scouts, and graduate environmental students from Texas A&M.

SIDNEY L. ALLISON AWARD

...to a person or organization that has made significant contributions to the engineering, science, and/or operation and maintenance of wastewater collection and pumping stations with the mission to transport wastewater to a treatment plant.

City Of Arlington Water Utilities
Wastewater Collection System Division

The Arlington Water Utilities Department operates approximately 1,200 miles of sanitary sewer collections system pipelines and four lift stations. The department focuses on making progress in its efforts to improve service to the citizens and visitors of Arlington.

The Department is divided into three operating sections, the Business Services division; the Water Treatment division, and the Operations division. The Operations division consists of four teams: Engineering, Operations Support Services, North Field Operations (NFOPS) and South Field Operations (SFOPS). Included in the SFOPS is the Inflow/Infiltration (I/I) team, coordinated by the I/I Supervisor. With a total of 14 employees, this group is responsible for numerous field operations activities. This includes sanitary sewer line cleaning, video inspection and review, sanitary sewer service line repairs, assisting with the FOG awareness program, the Outreach Initiative agreement with the Texas Commission on Environmental Quality (TCEQ), the coordination of supplemental environmental projects, assisting with water main breaks/repairs, and water/sewer special projects.

Specifically for wastewater collections, it is the goal of the I/I team to clean at least 20% of the 6 thru 15 inch sanitary sewer mains annually. Currently there is 5,955,297 linear feet. In FY 2009/2010 the field crews cleaned approximately 2,791,147 linear feet of sanitary sewer mains. This equates to approximately 47% of the total linear footage of the 6 thru 15 inch mains.

The I/I team had 18,956 linear feet of sewer lines treated for root control. The program included 6 inch to 15 inch sanitary sewer lines in the root treatment program. In FY 2009/2010, 133,720 feet of sanitary sewer lines were televised, this included 47,424 feet of new construction, 65,770 feet of existing sanitary sewer mains and 20,526 feet of sanitary sewer service lines.

Arlington Water Utilities Department entered into a contract for the repair of private sanitary sewer service lines, identified as being located between the right-of-way line and the sanitary sewer main. During 2009/2010, the contractor conducted 65 emergency sanitary sewer service line repairs and 185 routine sewer line repairs.

In Fiscal Year 2010, the I/I Field Operations team completed a total of 3,884 work orders.

The I/I team worked closely with the department's Water Resource Section to conduct customer education programs on the proper disposal of fats, oils and grease. The department distributes informational door hangers and brochures in an effort to educate customers after problems with grease have been identified. A website and newspaper advertisements are also utilized. In FY 2009/2010 3,301 door hangers, five different pamphlets related to Fats, Oils, and Grease (FOG), 13 awareness educational CD's and 7,150 grease can lids were distributed to various customers. In addition, over 2,373 educational color post cards were sent to customers in areas where sewer stoppage's related to grease occurred.

In May 2010, the required annual report on the Voluntary Sanitary Sewer Overflow (SSO) outreach initiative was submitted to TCEQ. The report detailed the status of the 14 items that were submitted in the agreement. Arlington Water Utilities has continued on-course with the scheduled plan. Additionally, within the Wastewater Master Plan work, the City completed a technical memorandum on the sanitary sewer collection system. Included is the CMOM self audit along with a review and assessment of all the sanitary sewer evaluation system (SSES) studies. A comprehensive Sanitary Sewer Master Plan was completed for Arlington's collection system in 2008.

WINFIELD S. MAHLIE AWARD

...recognizing a member of WEAT who has made significant contributions to the art and science of wastewater treatment and water pollution control.

Leonard E. Ripley, Ph.D., P.E., BCEE

Dr. Ripley is a leader in wastewater treatment plant design and implementation of emerging technologies. He also is known and respected for his expertise, creativity, and generosity in teaching, mentoring and supporting professional development among environmental engineers. An Associate with Freese and Nichols, Inc., Leonard is the firm's senior wastewater process engineer. His background includes master planning and design of municipal and industrial wastewater and water treatment plants, and he designed and manages the treatment process laboratory at Freese and Nichols' Fort Worth headquarters. His expertise includes bench- and pilot-scale testing; process analysis and process design; and operational troubleshooting and assistance. Particular areas of expertise include anaerobic processes, biological nutrient removal, and energy conservation/reduction. He earned a Ph.D. in Civil and Environmental Engineering from the University of Wisconsin-Madison (1988), an M.S. in Environmental Engineering from Vanderbilt University (1980), a B.E.S. in Environmental Engineering from the University of Texas at Austin in (1975), and a B.S. in Biology from the University of Texas at El Paso (1973).

Leonard began his career in the modeling section of the Texas Water Quality Board, where he developed mathematical models for pollutant transport/degradation in streams and rivers in the Houston area. He continued in the area of water quality modeling at the Texas Water Development Board, shifting toward calculation of required nutrient loadings to Texas estuaries for fisheries protection.

After his work with the Water Development Board, Leonard earned his master's degree at Vanderbilt University, where his graduate research focused on denitrification kinetics. This led to his doctoral research on methane yield and anaerobic process control at the University of Wisconsin-Madison. Leonard developed the IA/PA technique and authored the paper, "Improved Alkalimetric Monitoring for Anaerobic Digestion of High Wastes Strength." The ground-breaking paper described a simple test that operators of many industrial anaerobic treatment systems have adopted to monitor digester stability.

At the completion of his doctorate in 1988, Leonard joined Applied Technologies, Inc. in Milwaukee, WI as their wastewater process engineer. His projects included wastewater plants for municipalities, as well as for such industries as a duck farm, numerous food processing plants, pulp/paper mills, and chemical manufacturing firms. Much of his work focused on analysis, development, and design of anaerobic treatment systems.

A longtime member of WEAT and WEF, Leonard has been a frequent and sought-after presenter for seminars and for Texas Water, where he often has served as a judge for the University Forum. Leonard has taught graduate classes at UT-Arlington and given presentations at TACWA, operator short schools, utility association meetings, and (his favorite!) to elementary school science classes. He also has taught the wastewater portion of P.E. review courses at UT-Arlington and at Freese and Nichols.

One of Leonard's passions is championing implementation of new wastewater technologies in Texas. In 1992, he conducted the treatability study that led to TCEQ's approval of the first SBR plant in Texas greater than one MGD; he contributed the process design for the state's first municipal integrated fixed film activated sludge (IFAS) plant; and he currently is assisting two cities in evaluating implementation of the Cannibal™ process. Other ongoing projects include addition of aeration basin anoxic zones to reduce nutrient discharge and energy consumption, implementation of municipal anaerobic co-digestion

(Continued)

facilities, and commercialization of an industrial process to convert waste biomass to "green gasoline." Leonard holds two wastewater patents, for the Process and Apparatus for Applying Alternating Anaerobic Contact Processing for the Treatment of Wastewater (U.S. Patents #6,096,214 & #6,383,371). He has authored numerous papers and has acted as a trusted advisor to many other professionals.

When not contemplating wastewater treatment, Leonard enjoys participating in church activities. He has chaired or served on building, music/worship, and call committees, and he has played in, accompanied, and led various musical ensembles. He and his wife, Melanie, have three sons, and Leonard has been a truck driver/loader, half-time announcer, and solo/ensemble accompanist for the (Keller ISD) Central High School band. He also enjoys woodworking and helping with Habitat for Humanity projects.

When asked for advice to new employees, Leonard replied in part, "Don't limit yourself to doing things the way they've always been done ... many good ideas are just waiting for people to think of them!"

WATER ENVIRONMENT ASSOCIATION OF TEXAS

EMERGING LEADER AWARD

...presented to a young member of WEAT who has provided outstanding service in support of the Association in the form of committee involvement, recruiting, volunteer time, event participation, or other contributions.

Jeff Sober

Jeff Sober has worked in the Water/Wastewater field for the last 11 years beginning as an apprentice for Environmental Training, Inc., an operations consulting firm. Jeff specialized in plant assessments to identify areas of O&M improvement through out the US. He trained under a Double A water/wastewater operator and received first hand knowledge of process control of wastewater plants.

Jeff graduated from Texas A&M University with a Bachelor's and Master's degrees in Civil Engineering. He joined Carollo Engineers in Dallas and works primarily on wastewater treatment plant projects with a focus on solids processing and handling. Jeff's professional experience includes master planning, design, construction management, condition assessment, and project management.

Jeff has been an active member of Water Environment Association of Texas (WEAT) since 2005. In 2007, Jeff accepted a position on the WEF Student and Young Professionals Committee. In 2008, he accepted a position on the WEF Membership Committee and the role of Co-Chair of the NTS Young Professionals (YP) Committee. As the Committee Co-Chair, he encouraged involvement of YPs in various WEAT activities, arranged YP plant tours, organized YP networking and social outings, and generated YP attendance levels that were the highest in the last five years.

In 2008, Jeff joined the WEAT Operations Challenge Committee. He was responsible for handling the behind the scenes logistics for the Operations Challenge program. During this time he also served as a WEF Operations Challenge National Competition Collection Systems Event Judge. In 2010, Jeff took over the Committee Chair role for the WEAT Operations Challenge Committee, a year-round responsibility. Since taking a lead roll in the Texas Operations Challenge program, the event has seen the highest level of donations and sponsorships to date.

Jeff currently serves as the Chair of the NTS Seminar Committee and recently completed the organization of the successful February Seminar, which had the highest attendance to date. Jeff also serves as the Chair of the NTS Fundraising Committee; in this capacity, he developed

(Continued)

and organized the March 2010 Sporting Clays Tournament. The event was extremely successful, with over 140 WEAT participants and $7,000 raised for the North Texas Section scholarships and Water for People.

Jeff is involved in the WEAT North East Texas Section (NETS). He accepted a position on their Seminar Committee and helped organize their technical seminar. Jeff developed a new sponsorship approach with multi-level categories of sponsors. This new sponsorship structure has led to NETS' most profitable seminar to date.

Jeff's other WEAT volunteer activities include science fair judging, leading a cook-off team at the annual NTS Cook-off event, and participating in NTS fund-raising events for Water for People.

WATER ENVIRONMENT ASSOCIATION OF TEXAS

EXEMPLARY EMPLOYER AWARD

...recognizing a Texas employer that supports and facilitates employee involvement and activities within the Water Environment Association of Texas and the Water Environment Federation.

Carollo Engineers, Inc.

Carollo Engineers is an environmental engineering firm specializing in the planning, design, and construction of water and wastewater facilities. The firm was founded in 1933 and is headquartered in Walnut Creek, CA. Carollo currently maintains 28 offices in 12 states.

Carollo's staff includes 450 civil, structural, electrical, mechanical, environmental, and instrumentation and control engineers as well as scientists, planners, architects and CAD designers. All have training and expertise specific to water-related engineering. Carollo's teams work collaboratively with owners to find the best ways to protect and enhance our public water supplies and our lakes, streams, rivers and oceans.

Carollo Engineers is committed to its employees. As part of this commitment, Carollo offers financial support to employees for WEAT and WEF participation, such as full reimbursement for memberships, activities, meetings, and conference attendance. Carollo Engineers advocates employee participation in WEAT and WEF activities. Often times, WEAT and WEF activities and meetings occur during working hours. As part of their commitment, Carollo allots overhead time to work on WEAT/WEF activities during working hours.

Carollo has consistently supported WEAT's objectives and activities both at the state level and at the section level. At the state level, Carollo associates are chairs of the Specialty Conference Committee (Meera Victor) and the Operations Challenge Committee (Jeff Sober). Numerous other staff members are active members of the various committees. Carollo associates have also been very active at WEAT's section level and have been officers at several sections. Darryl Corbin is currently the President of the North Texas Section. Ana Pena-Tijerina and Rudy Kilian are both past presidents of the South Texas Chapter. Carollo associates have lead and participated in many section committees. Carollo associates gave ten presentations at the Texas Water 2010 conference.

Carollo has been very active with WEF at the national level. This participation is part of the company's commitment to share its leadership and technical expertise and improve the water industry as a whole. Carollo associates have been active in over thirty WEF committees, have been involved in writing several WEF manuals of practice, and help shape each year's technical program. At the WEFTEC 2010 conference, as well as the past several WEFTEC conferences, Carollo associates

(Continued)

presented over twenty technical papers and posters – an outstanding accomplishment for any single engineering firm.

Carollo Engineers fosters an atmosphere of professional growth among its employees. Many long-term Carollo employees have been members of WEAT and WEF for a number of years. These employees mentor our incoming young engineers. The wisdom and positive experiences in the WEAT and WEF organizations inspire the Young Professionals to expand their technical and professional growth.

Carollo also recognizes that the ambitions and skills of today's young professional engineers need to be shared with up-and-coming engineering students. Carollo not only sponsors and participates in career fairs at industry conferences and college events, but also attends career days at local junior and senior high schools to expose these students to attractive career opportunities available in the water environment field.

WATER ENVIRONMENT ASSOCIATION OF TEXAS

OUTSTANDING PUBLIC OFFICIAL AWARD

...recognizing an elected official or regulator who has actively promoted sound science in policy and regulations affecting water environment issues within the State of Texas through documented, significant contributions in the areas of legislation, public policy, government service, and/or other area of public prominence.

J. Kevin Ward

Mr. Ward currently serves as General Manager of the Trinity River Authority of Texas, which is governed by a 25-member board of directors appointed by the governor. His role as Chief Executive Officer of TRA tasks him with oversight of the largest river authority in Texas and the largest wholesale provider of wastewater treatment services in the state. With the support of seven staff groups and more than 400 employees, Mr. Ward drives the implementation of board policy for the operation and development of five water treatment facilities, five wastewater treatment facilities and one recreation project, plus water sales from four reservoirs – all serving 63 wholesale customers including cities, municipalities or districts throughout the Trinity River basin. Mr. Ward is also charged with managing the Authority's assets of more than $1.7 billion and a current operating budget of more than $199 million.

Mr. Ward served as executive administrator of the Texas Water Development Board (TWDB) from May 2002 to February 2011. As the past executive administrator of the Texas Water Development Board (TWDB), Mr. Ward served as the chief executive officer of a state agency employing over 300 scientists, engineers, lawyers, GIS professionals, finance officers, and related support staff. Under the direction of a six-member board appointed by the governor, the TWDB is responsible for planning the statewide development of water resources, financing water-related infrastructure, and maintaining and disseminating natural resource data for Texas, which includes water-bearing formations and watersheds.

Mr. Ward is the immediate past president of the Council of Infrastructure Financing Authorities and was an active participant on the State/Environmental Protection Agency State Revolving Fund workgroup several years ago for implementing the Clean and Drinking Water State Revolving Fund programs. He also served on the Visiting Committee for the Bureau of Economic Geology. He was the presiding officer on the Water Conservation Implementation Task Force, created through Senate Bill 1094, 78th Texas Legislature, which produced the Report to the 79th

(Continued)

Legislature and the Best Management Practices Guide to encourage increased use of conservation throughout the state. In addition, Mr. Ward served on the advisory committee of the Caroline and William N. Lehrer Distinguished Chair in Water Engineering, established by the Agriculture Program and the Agricultural Engineering Department of Texas A&M University, which selected the first Water Resources Engineering professor in the Department of Biological and Agricultural Engineering.

During his 23-year tenure with the TWDB, he served in several capacities, including financial analyst, finance section chief, and development fund manager. He served in various management positions in the agency, specializing in the development and implementation of the financial aspects of the TWDB's State Revolving Fund loan programs. From March 1996 to April 2002, Mr. Ward served as the TWDB's deputy executive administrator for the Office of Project Finance and Construction Assistance. Immediately prior to joining the TWDB, Mr. Ward was an officer and controller for two management consulting firms in Austin, both serving a client base of water and wastewater municipal utility districts and water supply corporations.

Mr. Ward received a Bachelor of Business Administration degree in Accounting from the University of Texas at Austin in 1982.

WATER ENVIRONMENT ASSOCIATION OF TEXAS

RONALD B. SIEGER BIOSOLIDS MANAGEMENT AWARD

...presented to a WEAT member(s), an engineering firm, a specific project, a municipality, or a specific municipal or industrial facility that has made significant accomplishments in the field of biosolids technology and management practices within the boundaries of the State of Texas.

City of Waco Water Utility Services
Metropolitan Area Regional Sewer System
Biosolids Management Program

The Waco Metropolitan Area Regional Sewer System (WMARSS) treatment facility serves the cities of Bellmead, Hewitt, Lacy-Lakeview, Lorena, Robinson, Waco and Woodway (Texas). As part of WMARSS Asset Management, the staff at the City of Waco Water Utility Services looked at the origin of plant influent loading and the available capacity at the WWTP, finding that 30 to 35 percent was high strength organics (HSO) and fat, oil and grease (FOG).

The waste to energy initiative was initiated and WMARSS partnered with local food producing industries and restaurants to truck their HSO/FOG directly to the WMARSS anaerobic digestion facility. Residential customers can use oil recycling stations.

A 500 kilowatt combined heat and power (CHP) generator uses produced methane to provide 1/3 of the plant's electrical power. The water jacket heat from the CHP heats the digester complex. The remaining methane gas provides 50% of the heat demand for the dryer/pelletized process.

The waste to energy project is continually growing with new initiatives. The City of Waco and consulting engineers are exploring options to better serve our industries with additional disposal options for hydrolyzed feather waste. WMARSS is evaluating enlarging the CHP complex and utilizing the CHP exhaust to supply the heat needed for the dryer/pelletizer.

Concurrent with community outreach associated with FOG management, the City of Waco has assisted with educational efforts for the WEAT community, recently hosting WEAT Bioenergy Seminar. The City donated the venue and other services and WEAT offered a strong program at minimal cost. Mike Jupe and Kristy Wolter, arranged a coordinated tour of their facilities that many attendees reported was invaluable.

ALAN H. PLUMMER ENVIRONMENTAL SUSTAINABILITY AWARD

...recognizing an individual who has made outstanding contributions in the field of environmental sustainability practices within the State of Texas.

Alan H. Plummer

Alan H. Plummer, Jr. graduated with a B.S. in Civil Engineering in 1964 from Lamar University and was later honored as a Distinguished Alumni of Lamar University's Civil Engineering Department. He received his M.S. in Environmental Health Engineering in 1968 from the University of Texas (UT) at Austin, working with such notables in the water and wastewater industry as Drs. Ernest Gloyna, Wes Eckenfelder, Davis Ford, and Joe Malina. In 2007, Alan was honored by induction into UT's Civil, Architectural, and

Environmental Academy of Distinguished Alumni. A Board Certified Environmental Engineer, he holds engineering licenses in Texas, Arkansas, Louisiana, Arizona, and Oklahoma. Alan Plummer's talents were acknowledged early in his career as he received the Young Engineer of the Year Award from the Texas Society of Professional Engineers in 1974. Firmly committed to mentoring the next generation of engineers, he has served on the advisory boards of Lamar State University, University of North Texas, and the University of Texas at Arlington.

Currently, Alan is involved in some major water reuse projects in which highly treated municipal effluent is being used to augment the water supplies of several large water districts in the state of Texas. He is recognized throughout the country as a visionary and expert in the area of water reuse and conservation. He is a frequent presenter at national, state, and local conferences and seminars advocating water reuse as being an effective water stewardship and management strategy.

Mr. Plummer started his career as a consultant with the quintessential Texas engineering firm of Forrest and Cotton and later worked for the Trinity River Authority and Hydroscience before he and his wife Peggy established their own engineering firm in 1978. From early in his career, Alan Plummer saw the need to begin planning for new sources of water for the state of Texas, anticipating the stress that growth would place on the limited raw water resources of the state. One of the first projects at Alan Plummer and Associates, Inc. involved the delivery of highly treated effluent from the TRA Central Regional Wastewater System to the prestigious Las Colinas development lakes in the early 1980s. Since that time, he has worked with many clients to develop alternative water resources and to plan for the use of reclaimed water in their long-range planning efforts. When the State developed its regional water plans, Mr. Plummer worked closely with regional water planners throughout the state. In particular, he worked tirelessly in north Texas with Region C, promoting development of sustainable water supply strategies and guiding the role of water reuse and water conservation in the Region C plan.

Mr. Plummer has been and continues to be involved with many professional associations. He joined the Water Environment Federation (WEF) in 1968. He served on several national committees including Plant Operations (1986-1987), Program (1986-1991), Government Affairs Committee (1992-1993), and Water Reuse (1990 to the present). In the Water Environment Association of Texas (WEAT) he served on the WEAT Program Committee in the early 1980s and was a member of the Water Reuse Committee for years, serving as Chair from 2004-2007. He was one of the original members of the North Texas Section of WEAT, serving as vice-president, president-elect and then president from 1990-1991. He was presented the Arthur Sidney Bedell Award for extraordinary personal service to a Member Association in 1999. He also chaired the

(Continued)

Regulation Committee for the Joint Water Reclamation Committee of the Texas Section of American Water Works Association (AWWA) and WEAT. He participated in the revision of the State of Texas's water reuse regulations as a member of the Texas Natural Resources Conservation Commission Advisory Committee.

Elected to the Texas Water Conservation Association (TWCA) Board of Directors in February 1982, Alan has continued to serve the TWCA in its efforts to conserve, develop, protect, and utilize the water resources in Texas for all beneficial purposes. He served as President of the organization in 1994. In 2004, Alan was honored by TWCA when it dedicated it 60th Annual Convention to him in appreciation for his outstanding dedication, leadership, unselfish service, and accomplishments to the Association and Texas in water resources development. At present, he is active on the TWCA Federal Affairs Committee, which promotes legislation to improve water quality in the state of Texas, and he chairs the TWCA Water Reuse Committee.

The WateReuse Association presented its 2008 Award of Merit to Alan for his significant contributions to the advancement of water reuse and continued dedication to the water reuse community. The Texas Section of the WateReuse Association was established in 2005. Alan Plummer served as its first president. He is currently serving on the Board of the WateReuse Research Foundation, helping to guide the direction of research in the area of water reuse and conservation.

Mr. Plummer is thankful for Peggy, his wife of more than 45 years, for her love, support, and counsel over the years. He has also been blessed with two daughters, Jamie and Patti and their husbands Scott and Mike. He is the proud grandfather of Emily (15), Macenzi (13), Abbie (13), and Evan Alan (11). Mr. Plummer acknowledges that his family's support, coworkers' contributions, and clients' confidence have greatly enhanced his career. He recognizes that his trust in God as his Source has been the backdrop for any success he has achieved.

WATER ENVIRONMENT ASSOCIATION OF TEXAS

RECRUITMENT AWARD

...recognizing a member of WEAT for his outstanding recruitment effort.

Foster D. Crowell
Sharon Miller
Jessica Vasssar

Foster D. Crowell

Foster D. Crowell holds a Bachelors Degree in Political Science from the University of Texas/ Pan American at Edinburg. Mr. Crowell also has both "A" Water and "A" Wastewater Certificates of Competency issued by the Texas Commission on Environmental Quality. Mr. Crowell has worked for the City of Corpus Christi in the Wastewater Department for 29 years; 18 years as Assistant Wastewater Director and the last 11 years as Wastewater Director. He is entrusted with the overall responsibility of the operation, administration and management of the Wastewater Department that provides for the collection and treatment of wastewater for over 78,000 customer accounts. The City operates six wastewater treatment plants. He began his professional career with the City of Raymondville in 1970 as Wastewater Superintendent. In 1976, he went to work for the City of Kingsville as the Director of Water and Wastewater Utilities. Throughout his career, Mr. Crowell has been active in professional/ industry organizations at the local, state and national level, and has served on numerous boards and committees. Mr. Crowell has received numerous awards from the Water Environment

(Continued)

Federation. In 1975, he recieved the Hatfield Award making him the youngest in WEF history to receive the award at that time. In 1997, he also received the Quarter-Century Operator's(???) Club Award and the prestigious Arthur Sidney Bedell Award in 1997. Mr. Crowell is still an active member of the Water Environment Federation, Water Environment Association of Texas and a lifetime member of the American Water Works Association. He has been an Eagle Scout since 1964.

Sharon Miller

Sharon Miller is a registered Professional Engineer in the States of Texas, Nebraska, and Oklahoma, holds a Grade Four Nebraska Wastewater Treatment Plant Operator License, and is a certified NASSCO PACP operator. She received a Bachelor of Science degree in Civil Engineering and a Masters of Science degree in Environmental Engineering, both from the University of Nebraska. Yes folks, she is a Cornhusker in Texas territory.

Prior to coming to Texas, Sharon worked 12 years for the City of Omaha, Nebraska as a plant engineer. She was responsible for all design and construction, whether capital or O&M funded projects, for three wastewater treatment plants, force mains, rehabilitation of over 70 lift stations, and the City's flood protection system (levee and flood wall). In addition to design and construction activities, Sharon participated in training of O&M staff, assisted with troubleshooting and operations of systems, participated in water festivals, spoke at local schools about wastewater treatment, and provided numerous tours of the wastewater plant to schools and other organizations.

Sharon moved to Texas in 2008 to take a job as a Project Manager with HDR Engineering in Dallas, TX (or as her operators put it before she left Omaha, moving to the dark side). She is on the pretreatment and odor control technical practice committee for HDR, where she participates in establishing best management practices, fact sheets, and design guides on these topics for HDR employees. She has worked on a variety of projects for College Station, TRA, Mustang SUD, Waco, and Commerce, and really enjoys meeting a variety of people, learning about how others treat their wastewater, and assisting municipalities.

Upon arriving in Texas, Sharon immediately became an active volunteer in WEAT. She became chair of the Membership Committee and worked with the Section Reps to focus on WEAT membership services. At Texas Water 2010, she became your Member-At-Large on the board. Sharon recently became chair of the Public Communication and Outreach Committee (PCOC).

In addition to WEAT activities, Sharon is actively involved at WEF. She is on the WEF PCOC committee, and is chair of the publications subcommittee. All those brochures and flyers you order from WEF are developed from this committee. She participates in the WWMD committee, as well as being a North America judge for the WWMD Water Champion Award – an annual award presented at the end of March. Sharon has been actively involved in the Water is Life subcommittee, developing the materials you see as part of the WIL program. Sharon also contributes to the Work for Water program that WEF and AWWA introduced in 2010 as a tool to actively engage people to the water profession. She participates on the WEF's Air Quality and Odor Control Committee as well, and has participated as a co-chair in workshops at several WEFTEC conferences.

Sharon, and her husband Phil, have two active children – Chloe who is 8 years old and Philip who is 6 years old. In her spare time, she assists in coaching her children at soccer and baseball, is crew chief for her husband's dirt track racecar, and is the co-chair of her daughter's school Environmental Club.

You can tell that Sharon is very passionate about her work in this industry. WEAT wishes to recognize, thank, and congratulate Sharon for her continued service.

Jessica Vassar

Jessica Bradley Vassar graduated from the University of Texas in 2006 with a bachelor's degree in Civil Engineering. She has worked for Freese and Nichols in the water and wastewater master planning group for four years and is a member of AWWA and WEAT. She currently serves as the Central Texas Chapter WEAT Young Professional's Representative and is active with The University of Texas AWWA/ WEF Student Chapter.

The following takes place at Texas Rocks: A Water Celebration, 5:30 p.m. to 7:30 p.m. Thursday

WATER ENVIRONMENT ASSOCIATION OF TEXAS
&
TEXAS SECTION - AMERICAN WATER WORKS ASSOCIATION

COMPETITION AWARDS

Both TAWWA and WEAT will recognize the winners of the operator competitions that take place in the Exhibit Hall on Thursday. These awards will be given out Thursday in the Exhibit Hall following each competition.

TAWWA Competition Awards
Pipe Tapping
Meter Madness
Top Ops
Best Tasting Drinking Water

WEAT Competition Awards
Operations Challenge
(Process Control, Pump Maintenance, Safety, Laboratory & Collection System events)

TEXAS SECTION - AMERICAN WATER WORKS ASSOCIATION

CHAIR'S SERVICE AWARDS

Each year the outgoing Chair of the Texas Section AWWA recognizes Section members for their service to the Section during the chair's term. This year, outgoing Chair Richard Talley will recognize a group of key members who have served the Section during the past year.

WATER ENVIRONMENT ASSOCIATION OF TEXAS

PRESIDENT'S SERVICE AWARDS

Each year the outgoing President of WEAT recognizes members for their service to the organization during the president's term. This year, outgoing President Jody Zabolio will recognize members for their service during the past year.

WATER ENVIRONMENT ASSOCIATION OF TEXAS
&
TEXAS SECTION - AMERICAN WATER WORKS ASSOCIATION

CHANGE OF LEADERSHIP

At the end of the Texas Water 2011sm Awards Ceremony, outgoing TAWWA Chair Richard Talley and WEAT President Jody Zabolio will welcome their successors, David Scholler for TAWWA and David Briggs for WEAT, into their new leadership roles.

TEXAS WATER 2011 SPONSORS

DIAMOND

AECOM

ALAN PLUMMER ASSOCIATES, INC.
ENVIRONMENTAL ENGINEERS - DESIGNERS - SCIENTISTS

BROWN & GAY ENGINEERS, INC.

CH2MHILL

CP&Y

ett

FREESE AND NICHOLS

JACOBS

Johnson Controls

JQ Infrastructure
shaping the built environment

NIAGARA CONSERVATION

PLATINUM

BLACK & VEATCH
Building a world of difference.

CDM

HEC HARTWELL ENVIRONMENTAL CORPORATION

Kimley-Horn and Associates, Inc.

M & S ENGINEERING, LLC
ENGINEERS | PLANNERS | SURVEYORS

MWH

rjngroup
The Choice for Collection System Solutions

TERRA renewal

TETRA TECH

WATEREUSE TEXAS

GOLD

Brown and Caldwell
Carollo Engineers, Inc.
Espey Consultants
Water Management, Inc.

SILVER

Allmax Software, Inc.
Gupta & Associates, Inc.
HRM Environmental
Hydronics, Inc.
JCS Industries, Inc.
Klotz Associates, Inc.
Natgun/DYK,
Divisions of DN Tanks
Newman Regency Group
Praxair

Congratulations to all our winners

Water Environment Association of Texas

Save the dates:
Texas Water 2012SM
April 10-13
San Antonio, Texas