

WATER ENVIRONMENT ASSOCIATION OF TEXAS
LIFETIME ACHIEVEMENT AWARD

...honoring an individual who has demonstrated continual and tireless contributions toward the improvement of the water environment throughout a long and distinguished career in the wastewater treatment industry and in WEAT and WEF. The nominee shall be a person of proven preeminence in numerous WEAT activities and shall have held positions of leadership in the WEAT organization.

Alan H. Plummer, Jr.

Alan H. Plummer, Jr., is a recognized expert in North Texas with more than 40 years of wastewater systems planning and design experience. A key to Alan's success in the field has been his ability to envision long-term water and wastewater needs and provide an innovative eye for special needs and solutions for individual municipalities in the context of the region as a whole.

Alan began his career in 1964 after graduating from Lamar University in Beaumont, Texas, with a degree in Civil Engineering. He received his Master of Science degree in Environmental Health in 1968 from the University of Texas at Austin. Graduate studies at the University of Texas in Austin equipped him to help clients transition from the trickling filter process to the activated sludge process during the 1960s. Alan has planned and designed multiple water and wastewater systems. He has also performed water quality assessments for most of the river basins and reservoirs throughout Texas. A particular focus of his career has been the Trinity River Basin, where he has helped his clients greatly improve the quality of water in the river.



Plummer has promoted the development of odor technologies that have significantly reduced odorous emissions from many of his clients' plants. Alan's involvement in water reuse began in 1986, and his expertise in planning and designing water reuse applications has contributed to major water reuse projects in Texas.

Since 1978, Alan has provided leadership in the firm of Alan Plummer Associates, Inc., a consulting engineering firm recognized as a leader in the environmental field in Texas. Alan is a registered professional engineer in Texas and four other states and is a Board Certified Environmental Engineer (BCEE). He has been an active member in professional engineering organizations including Texas Water Conservation Association (TWCA), Water Environment Federation (WEF), American Water Works Association (AWWA), Water Environment Association of Texas (WEAT), and the WaterReuse Association, serving as President for TWCA, North Texas WEAT, and the Texas Section of WaterReuse Association. He has been recognized as an Outstanding Young Engineer by Texas Society of Professional Engineers (TSPE), a Distinguished Alumni of Lamar University's Civil Engineering Department, and he received the WEF Arthur Sidney Bedell Award. In 2007, he was awarded membership in the University of Texas's Civil, Architectural, and Environmental Academy of Distinguished Alumni. He was presented the 2008 Award of Merit by the WaterReuse Association for his contributions to water reuse.

WATER ENVIRONMENT ASSOCIATION OF TEXAS

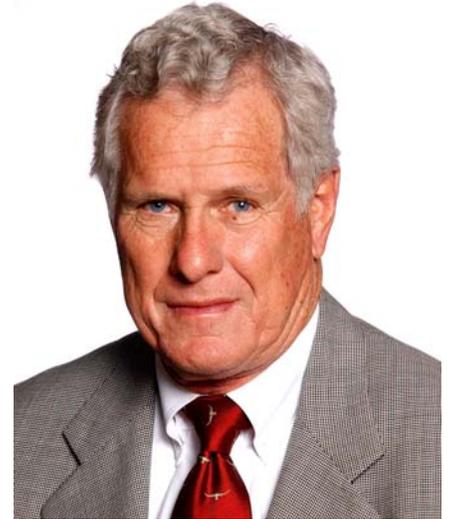
T. L. SATTERWHITE AWARD

...recognizing a member of WEAT, an engineering firm, or an industrial entity for the development of a solution to an industrial wastewater treatment problem.

Davis L. Ford, Ph.D., P.E., DDE

While Dr. Ford has been a consultant to municipalities, water utilities, state, federal and foreign government agencies for over 45 years, the vast majority of his work has been as an environmental consultant solving industrial wastewater treatment problems and improving water quality not only for the industries but for the surrounding environment as well.

Dr. Ford's environmental engineering experience clearly illustrates how wide-ranging his contribution has been. He has consulted with over 200 companies in his career and he is the author or co-author of over 80 publications, including 7 books. His books include *Water Pollution Control* (1970) co-author W.W. Eckenfelder, Jr.; *Development of Design and Operational Criteria for Wastewater Treatment* (1981) co-authors Carl E. Adams, Jr. and W.W. Eckenfelder, Jr.; *Toxicity Reduction: Evaluation and Control* (1991) editor, and *Industrial Water Quality* (2008) coauthors W.W. Eckenfelder, Jr. and Andrew J. Englande, Jr. The last book was published by WEF Press and McGraw-Hill, and was the best seller at WEFTEC'08. In conjunction with the publication of the book, Dr. Ford and his co-authors conducted a one-day Industrial Water Quality workshop for WEAT in Houston in December 2008 that was attended by almost 90 people and was extremely well-received.



Dr. Ford has been a member of WEAT and WEF since 1970. He served as the Chair of the WEF Program Committee from 1986 through 1989. He also served as the 2001 President of the American Academy of Environmental Engineers, and he is a member of the National Academy of Engineering, the highest recognition for an engineer in the United States. Dr. Ford has left an impressive and indelible mark on the environmental engineering profession not only in Texas and the U.S. but also all over the world with his engineering work, with his numerous books, publications and presentations, and with his teaching as an adjunct professor of Environmental Engineering at the University of Texas at Austin where he has taught hundreds of students throughout his long and distinguished career.

Dr. Ford is not only a natural born educator and a mentor to young students and engineers, but also an exceptionally productive consultant to hundreds of industries, municipalities, government agencies and organizations. He has served WEAT, WEF, and other professional organizations with great distinction. He is the recipient of numerous honors and awards from many professional organizations now including WEAT's prestigious T. L. Satterwhite Award.

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.

Tarlton “Trooper” Smith, P.E.

Mr. Tarlton Smith, better known as Trooper, received his Bachelor of Science and Master of Engineering degrees in Environmental Engineering from Texas Tech University in 1999 and 2000, respectively. He joined the firm of Freese and Nichols, Inc. upon graduation in May 2000 and currently acts as a project manager in the firm’s Water, Wastewater and Reuse Treatment group in Dallas, Texas. Trooper is heavily involved in wastewater treatment design projects with clients throughout North Texas.



Mr. Smith served our country in Iraq during the entirety of 2005. In his service, Trooper’s daily responsibilities included the protection of civilian and military VIP personnel at multiple locations in Iraq, including the “red zone” areas of Baghdad, Baji, Al Kut, Kirkuk and Al Basrah. In this role, Trooper commanded military escort personnel, planned safe ingress and egress to specific military locations and provided armed personal protection for these important individuals. As Platoon Leader of Alpha Company, 111 Engineering Battalion, 36th Infantry Division, Trooper strove to provide safe working and observation environments for his charges while minimizing risk in the most extreme of hazardous and dangerous conditions.

Trooper has been an active volunteer and avid supporter of WEAT and its initiatives over the last five years. Trooper has served WEAT in numerous capacities including co-chair of the Young Professional Committee. Trooper was also instrumental in developing WEAT’s student design competition resulting in sending WEAT’s first team to the national competition at WEFTEC 2008. He continues to serve as a Region 6 liaison to WEF on this and other Young Professional activities. Trooper also serves the North Texas Section (Dallas/Fort Worth) of WEAT in various committee member roles.

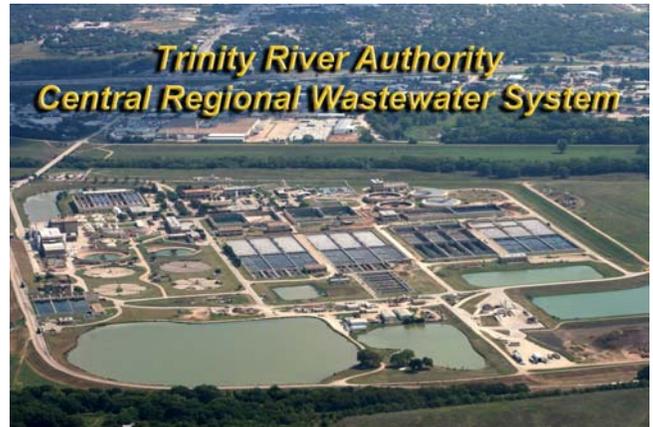
WATER ENVIRONMENT ASSOCIATION OF TEXAS

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.

Central Regional Wastewater Systems Biosolids Program Trinity River Authority

TRA pioneered the concept of regional wastewater treatment by establishing the Central Regional Wastewater System (CRWS) in 1957. The plant began operations in December 1959, serving the cities of Irving, Grand Prairie, Farmers Branch, and a portion of western Dallas in Texas. The system has since expanded to serve all or part of 21 contracting parties and approximately 1.2 million people in the Dallas/ Fort Worth geographical area.



As of 2007, the CRWS Plant, now the third largest in the state of Texas, has a rated treatment capacity of 162-million gallons per day with both total secondary and tertiary treatment, as well as the ability to treat a 2-hour peak of 405 MGD. The CRWS Biosolids Program has evolved into a sterling, cost-effective model of top quality biosolids production through the use of cutting-edge biosolids technology and excellent management practices. The CRWS biosolids facility produces Class biosolids in the largest EnVessel pasteurization unit process in the United States. In 2007, CRWS beneficially reused 100% of the biosolids in a land application program. The CRWS Biosolids Program has developed, in large part, as the result of design and technical advice by the late Ronald B. Sieger. The program serves as a monument to his professional dedication and vast technical knowledge of wastewater biosolids. CRWS land applies 100% of the biosolids produced at the plant in direct reflection of Sieger's passionate beliefs in the environmental benefits of biosolids when applied as a soil amendment to agricultural lands.

Prior to 1996, CRWS disposed of biosolids in an onsite mono-fill; a convenient and low-cost method of disposing biosolids. In March 1996, CRWS implemented a partial biosolids reuse program, land applying 20% of CRWS biosolids. The benefits and cost effectiveness of beneficial biosolids reuse for land application quickly outweighed other biosolids disposal options. By November 1996, CRWS was land applying 100% of its biosolids in a beneficial reuse program. Land application of biosolids is not only a cost-effective option of sludge disposal, it is tremendously beneficial for agricultural business and the environment as well. Biosolids cost 86% less than commercial inorganic fertilizers. Land applying biosolids results in bigger, lusher crops that grow 50% faster than those grown with commercial fertilizers. Cows and calves have been shown to prefer crops grown with biosolids, and calves fed with biosolids supplemented crops have demonstrated approximately 30% more weight gain. Additionally, land applying biosolids improves the soil and results in less soil erosion and runoff, a direct benefit for the environment.

By mid 2001, all Biosolids generated at CRWS were certified Class A and met the criteria for Exceptional Quality Biosolids. Recent changes to the biosolids treatment process, designed by Ron Sieger, will allow for the continued treatment of CRWS biosolids to a Class A standard for the foreseeable future at one of the lowest costs of any facility in the United States. Careful attention to contract negotiations in partnering with a private firm for land application of CRWS biosolids, also facilitated and overseen by Ron Sieger, will allow for the continued beneficial reuse of CRWS biosolids for at least another seven years. Over the last twelve years, more than 600,000 tons of dry CRWS' biosolids have been land applied by contractors to more than 50 individual application sites in over a dozen counties surrounding the DFW area.

WATER ENVIRONMENT ASSOCIATION OF TEXAS

OUTSTANDING MUNICIPAL 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.

Ron Lucero

Mr. Ronald L. Lucero began his career in the United States Navy, serving from 1982 to 1988. After leaving the service, Ron went to work for the City of Lewisville as an unlicensed operator. Within three years he had not only received his operator's license but had also been promoted to a Chief Operator. In 1997 Ron began his tenure at the Upper Trinity Regional Water District as a Senior Operator at the Lakeview Regional Water Reclamation Plant (WRP). Promoted in 2006 to his current position of Superintendent of Operations, Ron is responsible for the day-today operations of the Lakeview facility.



The original Lakeview Plant was purchased from the Lake Cities Municipal Utilities Authority in August of 1996. A new 3.5 MGD activated sludge facility was constructed on the site in 1998 to address the needs of Upper Trinity members. The original plant facilities are now used to process sludge for all of Upper Trinity's water reclamation plants. The Lakeview WRP was modified in 2003 and rated to its current 5.0 MGD capacity. Most recently the plant was renovated to provide biological phosphorous removal. Ron was there every step of the way keeping the plant operating successfully through the numerous construction projects and expansions.

From the day it was commissioned as UTRWD's Lakeview WRP in 1998, the staff has operated the plant in perfect compliance with its TPDES discharge permit. In recognition of that achievement, the plant was recently awarded the coveted Platinum 9 Peak Performance Award from the National Association of Clean Water Agencies. The plant was also honored in 2008 with WEAT's Municipal Plant of the Year award.

Ron's diligence and commitment - day or night and through all weather conditions - have been the consistent factor, that have played a large part in the success the Lakeview Plant has achieved. As superintendent Ron takes safety at the Lakeview WRP very seriously. He regularly holds safety meetings and tailgate talks and rotates responsibility for these meetings among his operators. A supervisor's report must be submitted following any injury, which describes the nature and cause of the accident and makes recommendations for preventing the same incident from occurring in the future. Since Ron became superintendent, there have been no lost-time injuries. And, within the last four years, there has been only a single accident that led to one day of lost-time. In addition to his regular duties as superintendent, Ron also provides tours and has represented UTRWD at the City of Lake Dallas Council meetings. He also diligently maintains the plant so as to be a good neighbor. This was noted with a recent Yard of the Month honor from the City of Lake Dallas where the plant is located.

Ron is a certified operator in the State of Texas and holds a Class B Wastewater and a Class C Surface Water license. He is a member of WEF and is active in the North Texas Section of WEAT. Ron is also a very active member of the Texas Water Utilities Association, having served in every leadership position in the local chapter, including his current second tour as President.

WATER ENVIRONMENT FEDERATION

GEORGE W. BURKE, JR. AWARD

...acknowledging an active and effective safety program in municipal and industrial wastewater facilities. The facility must have a documented and illustrated safety program and safety record for the preceding calendar year.

Denton Creek Regional Wastewater System Trinity River Authority

The Denton Central Regional Wastewater System was placed into operation in 1990. It has experienced three expansions to its current size of 5 MGD and is currently under construction to expand to 11.5 MGD. There are currently 27.5 miles of collection system pipelines that receive flow from 11 customer cities. Another 12.5 miles of collection system pipe are under construction along with 6.5 miles of distribution pipe for an alternate discharge location. Safety awareness and education permeates every aspect of daily work life at the Trinity River Authority's Denton Creek Regional Wastewater System (DCRWS). The purpose of the multifaceted Safety Education Program, beginning with the first day of employment at DCRWS and continuing for the duration of an employee's tenure, is to ensure the safest possible work environment for all employees.



Safety education for new employees includes training and certification to make confined space entries and perform lock-out/tag-out procedures, as well as biohazard and blood borne pathogen training. Employees receive ongoing training and annual certification on confined space, lock-out/tag-out, right-to-know, forklift safety, emergency response, pathogenic bacteria/blood borne pathogens, trench safety, plant evacuation, and risk management training.

DCRWS tracks each employee's training in a database designed to make sure everyone receives accurate, up-to-date information that is compliant with mandated training requirements. Actual test results are placed in the employee's personnel file. In addition to DCRWS' extensive training program, an Employee Safety Committee checks for possible safety issues at the plant on a regular basis. The committee is comprised of members of the DCRWS staff with representatives from Administration, Operations and Maintenance, and Electronics. The committee meets to discuss safety issues and conduct safety inspections. Any safety issues that have been noted by the inspections are then brought to the attention of the Chief Operator and Project Manager. Additionally, the committee reviews safety suggestions for implementation and performs accident investigations. The DCRWS Project Manager, John Bennett, serves as a liaison between the Safety Committee and the TRA Executive Safety Committee. Bennett provides technical information for topics the committee is discussing based on his involvement with the Risk Management Program and WEAT Safety Committee.

To ensure the surrounding community's safety, DCRWS Management is involved in the Denton County Local Emergency Planning Committee. Participation in the LEPC disseminates risk management planning information to the local fire and police departments as well as the DCRWS Safety Committee. DCRWS' commitment to safety has resulted in numerous safety awards. Most notable are the Awards of Merit from the Texas Safety Association from 1995 - 2005 and the Award of Honor for a Perfect Safety Record from 2006 - 2008. DCRWS received the 2007 WEAT Municipal Plant of the Year, Category 2, in part because of the

system's outstanding safety record. Safety is a way of life at DCRWS. With only five operators and three maintenance technicians on staff, employees must rely on each other to make safe decisions. Because plant operators work independently for the most part, each individual's safety and life is literally in their own hands. In an industry with so many hazards, staff must maintain safety awareness at all times. The numbers tell the story. DCRWS has not had a single lost time accident in the years 2006 -2008.