

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
AGENDA ITEM REQUEST
for Consideration of Resolution

AGENDA REQUESTED: October 19, 2016

DATE OF REQUEST: September 30, 2016

INDIVIDUAL TO CONTACT REGARDING CHANGES TO THIS REQUEST, IF NEEDED: Derek Baxter, (512) 239-2613

CAPTION: Docket No. 2016-0639-RES. Consideration of a Resolution to appoint three members to the Irrigator Advisory Council at the Texas Commission on Environmental Quality (Commission) to six-year terms and one replacement member to a four-year term. The Irrigator Advisory Council advises the Commission on matters related to landscape irrigation in Texas. These new members would replace one member whose term was set to expire on February 1, 2021 and three members whose terms are set to expire February 1, 2017. Notice was published in the May 20, 2016, issue of the *Texas Register* (41 TexReg 3781). (Melissa Keller, Alicia Ramirez) (Project No. 2016-037-RES-NR)

Ramiro Garcia Jr.

Deputy Director

David A. Ramirez

Division Director

Derek Baxter

Agenda Coordinator

Texas Commission on Environmental Quality

Interoffice Memorandum

To: Commissioners **Date:** September 30, 2016

Thru: Bridget C. Bohac, Chief Clerk
Richard A. Hyde, P.E., Executive Director

From: Ramiro Garcia, Jr., Deputy Director
Office of Compliance and Enforcement

Docket No.: 2016-0639-RES

Subject: Consideration of a Resolution Appointment of Four to Serve on the
Irrigator Advisory Council
Project No. 2016-037-RES-NR

Requested Commission Action:

Staff requests Commission approval for the appointment of four nominees to the Irrigator Advisory Council (Council) to replace three members with terms expiring on February 1, 2017 and one member with an existing term expiring February 1, 2021. The four nominees are: Robert Evans, Mark Warden, Valerie Miller, and Micah Reed. Once approved, three nominees will each serve a six-year term expiring on February 1, 2023 and one nominee will serve the remainder of a term expiring February 1, 2021, as authorized by Texas Occupations Code, §1903.151.

Council Background:

The authority for the Council is provided by Texas Occupations Code, §1903.151. The Council operates through the Program Support Section, Office of Compliance and Enforcement (PSS). Through PSS, the Council advises the Commission on matters relating to landscape irrigation. The nine-member Council has six members representing licensed irrigators and three members representing the public. Members should reflect diverse geographic areas of the state, ethnic groups, businesses, government entities, and trade associations. The Council is currently set to expire on February 1, 2021.

Selection Process:

Four vacancies on the Council were created with the resignation of one past member with a term expiring on February 1, 2021 and by three current members' terms expiring on February 1, 2017. PSS initiated the nomination process to fill these vacancies by soliciting nominations through a notice on the Council webpage; the irrigation listserv; May 20, 2016, publication in the *Texas Register*; and correspondence to various trade associations and individuals. PSS was contacted by 36 interested individuals which resulted in 19 nominations to fill the four vacancies. PSS considered geographical representation and the backgrounds of the nominees in making the following recommendations: Robert Evans, Mark Warden, Micah Reed, and Valerie Miller.

Nominees' Background:

Robert Evans, LI0001486, McAllen, Texas (TCEQ Region 15)

Mr. Evans is a Licensed Irrigator and Backflow Assembly Tester. In addition to having more than 33 years of irrigation experience, Mr. Evans is the founding member of his local backflow association, long time treasurer of the Rio Grande Valley Irrigation

Re: Docket No. 2016-0639-RES

Association, and a past board member of Texas Irrigation Association, formerly known as Texas Turf Irrigation Association.

Mark Warden, LI0008780, Georgetown, Texas (TCEQ Region 11)

Mr. Warden is a Licensed Irrigator with over 15 years of experience. In addition to having experience as the City of Georgetown Conservation Coordinator, Mr. Warden also has previous hands-on experience in the landscaping and irrigation fields. Mr. Warden is a member of Central Texas Professional Irrigation Association.

Micah Reed, public member, Keller, Texas (TCEQ Region 4)

Mr. Reed has 14 years of water conservation experience with city government, most recently with the City of Fort Worth. Mr. Reed is a member of the American Water Works Association, the International City/County Managers Association, and a participant in the Emerging Leaders Program. Most recently, Mr. Reed was a featured speaker at the State Water Implementation Fund for Texas Conference.

Valerie Miller, PhD, public member, Austin, Texas (TCEQ Region 11)

Dr. Miller is currently the Manager of Water Contracts and Conservation at the Lower Colorado River Authority. Dr. Miller has experience with city planning, water conservation, writing city ordinances, landscape design, water policy, and education in the Dallas/Fort Worth and Austin metropolitan areas.

The résumés of all nominees and current Council members are attached, along with a brief summary prepared by program staff.

Agency Contacts:

Melissa Keller, Program Support Section, Project Manager, (512) 239-1768
Alicia Ramirez, Staff Attorney, (512) 239-0133
Derek Baxter, Texas Register Coordinator, (512) 239-2613

Attachments:

- A Résumés of Recommended Nominees
- B Summary of Qualifications and Résumés for Other Nominees Considered
- C Summary of Current Members
- D Copy of Texas Occupations Code, §1903.151
- E Draft Resolution
- F Map

cc: Chief Clerk, 7 copies

Attachment A

Summary of Qualifications and Résumés for Recommended Nominees

Valerie Miller, PhD
Valerie.leeann@gmail.com
979-324-1240

EXPERTISE

Dr. Miller has worked as an environmental urban planner, policy developer, and public out-reach consultant. She has been a development project lead, working with a variety of industry specialists, including, scientists, engineers, elected officials, land developers, and local and state government staff. Her research focuses on determining a balance between development trends and natural resource conservation, specifically water availability. Her goal is to achieve ecosystem management principles and sustainable policy implementation through water resource management education and outreach.

EDUCATION

Ph.D. Public Affairs, School of Economic, Political and Policy Sciences. University of Texas, Dallas, 2015.

M.W.M. Water Management & Hydrologic Science. Texas A&M University, College Station, 2009.

B.L.A. Landscape Architecture & Urban Planning. Texas A&M University, College Station, 2005.

PROFESSIONAL EXPERIENCE

Lower Colorado River, Manager Water Contracts and Conservation. *present*

Responsible for water use efficiency, quality and conservation programs and projects, through outreach, education, and customer service.

Water Policy & Education Director, Trinity Waters.

Developed a multi-phased riparian ecosystem restoration project, focusing on existing conditions, determine downstream impacts if existing conditions, and recommended conservation methods to reduce further degradation. Developed an educational series for professionals focused on environmental science, water conservation, and economics of environmental development procedures.

Senior Planner, City of Dallas, Texas.

Focused on policy analysis to improve and update sustainable development practices within city ordinances. Team lead for inter-departmental coordination and resource management options at both residential and city scale.

Water Conservation Planner, City of Carrollton, Texas.

Developed a water conservation program to improve water and energy consumption at residential and city scales. Researched current and projected water consumption levels, established most efficient alternative methods, including behavior change methods to prolong or reduce water consumption patterns.

Program Specialist, Texas A&M AgriLife Research and Extension Center at Dallas..

Led the campus planning project showcasing campus research on innovative water conservation and environmental economics measures through interactive gardens.

Planner and Landscape Designer, Huitt-Zollars. 2005- 2008.

Private sector engineering firm focused on military base realignment and urban housing development, with the primary focus being sustainable, resource efficient development.

PUBLICATIONS

Miller, Valerie. "Landscape Ordinance." *Ordinance*. Carrollton, July 18, 2011.

Miller, Valerie. *Oak Cliff Gateway Study*. Ordinance, Dallas: City of Dallas, 2014.

Miller, Valerie. "Educational Programming." *Water Conservation for Students*. Carrollton, 09.02, 2011.

Miller, Valerie. *Water Consumption Analysis*. Report, Carrollton: City of Carrollton, 2011.

Miller, Valerie, Kevin Lefevbre. *Sustainable Agriculture Ordinance*. Ordinance, Dallas: City of Dallas, 2014.

PROFESSIONAL INTERESTS

Update and expand local and state code/ordinances to require resource efficient development standards in new and retrofit developments to reduce water and energy consumption.

Establish interdisciplinary environmental programs for on-campus students, professionals, and elected-officials.

Increase public knowledge of water resource planning to allow for scientifically based policy decisions.

Aqua Tech / Robert Evans

P.O. Box 4505
McAllen, Texas 78502

Phone: 956.630.1402
Fax: 956.664.9963
E-mail: aquatech@prodigy.net

Robert Evans started Aqua Tech in 1983.

Aqua Tech has been providing innovative, quality water conserving irrigation system for over 28 years. In April of 2000 Aqua Tech was listed as one of top 100 companies in the nation by the Irrigation Association and was also listed as a Top 100 irrigation contractor by Irrigation & Technology Magazine.

Qualifications

Texas Licensed Irrigator # 1486
Texas A&M Certified Irrigation Auditor and Water Manager.
Largest Irrigation only contractor in South Texas.
Rainbird Select Contractor.
Irrigation Sales of over one million dollars annually
Currently repairing several systems by purchase order at the UTP/STC Campuses.
Installed several UTB/STC irrigation systems.

Large Project History

U.S Federal Courthouse Brownsville, Tx
Palmview High School Palmview, Tx.
Texas Department of Agriculture Weslaco, Tx.
BISD Middle & Elementary Schools
Edinburg Baseball Stadium Edinburg, Texas
Sunrise Mall Brownsville, Texas
STC Rio Grande City Tx.

References

Ralph Ruby (956) 638-2020
SSP Scott Pajeski (956) 547-9959

AQUA TECH

Project Role: Irrigation/Landscape

Aqua Tech is a private practice specializing in irrigation design and installation. They have been consulting for over 28 years and have provided services to both private and public sector clients. Aqua Tech currently operates from an office in McAllen, Texas and uses joint-venture firms for support and specialist services in landscape design and master planning. They have designed local projects throughout the Lower Rio Grande Valley region. They have extensive knowledge of South Texas environment and climate and offers innovative, quality water conserving irrigation options. Aqua Tech has been listed as one of the top 100 companies in the nation by the Irrigation Association and has also been listed as a Top 100 Irrigation Contractor by Irrigation & Technology Magazine.

Aquatech provides the following primary services:

- Irrigation Design and Water Management
- Landscape Planning & Design

Related Project Experience:

- Palmview High School – La Joya ISD
- Quinta Mazatlan – City of McAllen
- STC Starr County Campus
- STC Pecan Campus-Memorial Garden
- UT Brownsville-Regional Academic Health Ctr.
- UT Brownsville-Education & Business Complex
- UT Brownsville-Eidman Courtyard
- UT Pan Am-Edinburg Professional Baseball Stadium
- Edinburg CISD Administration Building
- St. Charles Pocket Park, City of Brownsville
- Brownsville Convention & Visitors Bureau
- Texas Department of Public Safety Headquarters - Weslaco

ROBERT EVANS
Irrigation/Landscape

*Texas Licensed Irrigator No. 1486 and
Texas A&M Certified Irrigation Auditor and Water Manager
Percent Available: 25%*

Robert is a native of the Lower Rio Grande Valley and McAllen High School graduate. He founded Aqua Tech in 1983. Robert provides quality water conserving irrigation alternatives for clients throughout the South Texas Region. In addition to irrigation design services he also provides quality irrigation installation and maintenance services. Robert is a member of the Texas Turf and Irrigation Association and has sat on the organizations Board of Trustees from 1991-1993 and again from 2000-2003. He has earned numerous certifications and has received a number of awards including Rainbird National Landscape and Irrigation competition for Texas/Oklahoma Region for Best Residential Landscape and Irrigation Project in 2001.

MARIO LEAL PARK, ELSA, TEXAS

Aqua Tech has worked with Dannenbaum's architecture and civil engineering design team to renovate and add to the existing municipal park. The project for Hidalgo County and the City of Elsa includes improvements and additions to the existing walking trail, new baseball fields, and a restroom building. This project is currently under construction.

DOCTORS HOSPITAL AT RENAISSANCE, CONVENTION CENTER, EDINBURG, TEXAS

Aqua Tech worked with the owner and design team on this extensive project which includes convention space and meeting rooms for use by the hospital and the public. The project included parking lots and drives with extensive landscape and irrigation system, including water conservation design. Construction was completed in 2011.

SOUTH TEXAS COLLEGE, PECAN CAMPUS, MEMORIAL GARDEN, MCALLEN, TEXAS

This project involved a faculty/student Memorial Garden located on the Pecan Campus in McAllen, Texas. The design included a memorial wall, water feature, brick paving, landscape lighting and seating/gathering areas. Construction was performed by Aqua Tech and completed during 2009.

SOUTH TEXAS COLLEGE, STARR COUNTY CAMPUS, RIO GRANDE CITY, TEXAS

Aqua Tech has worked with STC staff and design team on detailed irrigation installations for several new facilities and new campus entrance and parking areas. Landscape and irrigation construction was complete in 2005.

MARK WARDEN

CAREER OBJECTIVE

To be an inspiring leader in a challenging position while consistently delivering an extraordinary product and service.

SUMMARY OF QUALIFICATIONS

- Project management
- Customer service
- Licensed Irrigator since 2001- LI# 8780
- 16 years of experience in the irrigation and landscape industry
- Able to read, design and construct large irrigation systems from blueprints and perform take-offs, ordering and managing inventory
- Able to troubleshoot, diagnose and repair major issues on existing irrigation systems
- Able to manage a crew, or crews, with maximum efficiency
- Strong customer and vendor relationships
- Outstanding written and verbal communication skills

EMPLOYMENT HISTORY

Georgetown Utility Systems- Georgetown, TX

June 2015 – Present

Utility Program Coordinator- Water Conservation

- Excel data analysis of water usage, utilizes Automated Metering Infrastructure to view customer consumption
- Execute efficiency, improvements and best practices as needed in order to adhere to water conservation programs
- Evaluate irrigation water usage and make recommendations for increased efficiencies
- Provide progress reports on projects timelines, budget and issues
- Investigate and resolve issues and complaints from residential and commercial customers

ValleyCrest Landscape – Austin, TX

Feb 2014 – June 2015

Lead Irrigation Specialist in Sun City

- Monthly inspections, maintenance and repair of an irrigation system with over 2000 zones, including 6" mainline, potable/non-potable, and conventional wire/2-wire systems
- Conduct daily, weekly, and monthly irrigation system audits and update project plans accordingly
- Design and executed projects that were in compliance with regulatory requirements
- Ensured that all projects exceeded environmental compliance guidelines
- Managed/Supervised a team of 2 – 4 men

Sendero Land Services – Georgetown, TX

April 2013 – Feb 2014

Irrigation Manager

- Design, bidding, take-offs, scheduling and project management of new irrigation installations
- Design and executed projects that were in compliance with regulatory requirements
- Ensures that all projects meet environmental compliance guidelines.
- Upgrade and enhancement sales
- Maintenance, troubleshooting and repair of existing residential, commercial and HOA irrigation systems up to 3" mainlines
- Customer service, sales, and billing
Managed/Supervised a team of 2 – 5 men

Ecosystems – Austin, TX

March 2013 – June 2013

Irrigation Technician

- Installation, repair and maintenance of irrigation systems up to 2" mainlines

Wildfire Restaurant – Austin, TX

Oct 2010 – March 2012

Server/Bartender

- Customer service

ABC Irrigation – Corpus Christi, TX

May 2010 – Oct 2010

Operations Manager

- Installation, repair and maintenance of irrigation systems up to 2" mainlines
- Troubleshooting and diagnostics
- Managed/Supervised a team of 5 men

Maintenance Landscape Services – Dallas, TX

Oct 2007 – April 2010

Irrigation Technician

- Installation, repair and maintenance of irrigation systems up to 3" mainlines
- Maintained Hall Office Park in Frisco, TX with approximately 800 zones on a 2 ½" mainline with a supplemental lake feed/pump system.
- Performed monthly inspections and performed repairs as needed

Valleycrest Landscape Development – Dallas, TX

March 2009 – June 2009

Irrigation Foreman

- Worked on the Dallas Cowboys Stadium project
- Managed a 12 acre jobsite in Sulphur, OK with a 3" mainline working as a superintendent and foreman
- Installation and repair of large commercial irrigation systems up to 3" mainlines
- Managed/Supervised a team of 4 men

Dirty Deeds Landscape, Inc. – Austin, TX

Feb 1998 – June 2007

Owner/Operator

- Built, owned and managed a multi-crew full service landscape company
- Landscape design, installation and maintenance
- Mowing, tree service, fertilizer program, dirt work and sod installation
- Job sales, scheduling, estimating, payroll, bookkeeping and billing
- Built a customer based from 1 to 200 properties
- Based on growth, hired and supervised a crew that grew from 1 employee to 5 employees.
- Produced over \$1 million in revenue as owner and operator of Dirty Deeds Landscape, Inc. from 1998 to 2007

TRAINING, CERTIFICATIONS, & LICENSES

Sundance Irrigation School

Licensed Irrigator since 2001- LI# 8780

E.P.A Certified Landscape Irrigation Auditor

EDUCATION

Del Mar College

General Studies

1995

Micah Reed

1324 Amber Ct., Keller, TX 76248
micah_reed@yahoo.com
817-829-4383

Profile

A results oriented manager with over 15 years of local government experience. A strong record of success in organizational efficiency improvements and modernizing operations by leveraging existing resources, fostering team work and introducing current technologies.

Experience

Water Conservation Manager at the City of Fort Worth August 2008 – Present

The Water Conservation section consists of 10 full-time and 4 part-time employees. The major responsibilities of this section include; researching, implementing and evaluating programs designed to reduce the waste of water and reduce peak and baseline water demands. Responsibilities also include the development and administration of an annual budget of \$1.9 million.

Key accomplishments:

- Established conservation programs for residential and commercial customers which help reverse the trend of increasing water usage
- Crafted the Irrigation System Maintenance and Operations ordinance and updated the Waste of Water ordinance and developed enforcement procedures
- Developed an irrigation audit program to help customers operate irrigation systems more efficiently and reduce water consumption
- Awarded the 2013 Texas Water Development Board's 2013 Blue Legacy Award (Municipal Category) for the Industrial/Commercial Water Use Audit program

Meter Services Manager at the City of Fort Worth August 2008 – April 2015

The Meter Services section consists of 53 full-time and 4 part-time employees. This section is responsible for the testing, repair and replacement of existing meters, installing new meters, high bill and customer service complaint investigating, meter reading and delinquency activity. Excluding meter readings, this group completes approximately 500,000 work orders annually. Responsibilities also include the development of and administration of an annual budget of \$6.1 million.

Key accomplishments:

- Conducted an in-depth performance improvement study resulting in a reorganization of staff and the creation of service districts which reduced overtime and total miles driven daily
- Initiated process improvements to streamline work flows
- Launched a professional training program to ensure work accuracy and consistency

- Initiated a feasibility study for a Mobile Workforce Management and Advanced Metering Infrastructure systems
- Developed Standard Operating Procedures to ensure employees are informed and empowered to complete all work assignments consistently and efficiently
- Created a succession plan to replace key staff members as they retire

Project Coordinator at the City of Irving, Texas

May 2002 - August 2008

Responsible for coordinating capital improvement projects, researching, planning and organizing special projects and overseeing facility maintenance activities and security programs for the Water Utilities Department.

Key accomplishments:

- Served as principal liaison to construct the Valley View Municipal Complex, a 33-acre multi building complex consisting of an office building, service center, vehicle maintenance facility, vehicle wash station and a police impound facility
- Coordinated and supervised water conservation and leak detection programs and personnel
- Managed training staff to ensure that TCEQ approved courses were offered to employees for licensure
- Developed a department policy manual and standard operating procedures
- Administered the homeland security grant to develop and implement security measures at remote facilities

Engineering Technician at City of Nacogdoches, Texas

May 1999 - May 2002

Responsible for inspecting new water and sewer line construction as well as concrete street construction to ensure quality of workmanship and compliance with code requirements. Interacted with citizens to resolve concerns and complaints related to capital improvement projects.

Key responsibilities:

- Created construction drawings using AutoCAD, and created documents and cost estimates for capital improvement projects
- Interacted with consultants and engineers to design and construct capital improvement projects
- Monitored construction progress and reviewed contracts, schedules, change orders and pay requests
- Created specification documents for capital improvement projects

Corporal, United States Marine Corps

May 1993 - June 1997

Served with 3rd Battalion 4th Marines as an infantry squad leader. Developed strong leadership skills.

Key accomplishments:

- Deployed to Iceland, Okinawa Japan and Panama
- Awarded Good Conduct and National Defense medals, Sea Service and Overseas Service ribbons and cited twice for Meritorious Mast accommodations for volunteer work

- in an overseas community and participating in a search operation to locate lost Marines in hazardous conditions
- Received an Honorable Discharge at the rank of Corporal

Education

University of North Texas
Master of Public Administration, 2006

Stephen F. Austin State University
Bachelor of Applied Arts and Sciences, Public Administration, 2002

Angelina College
Associate Degree, Drafting and Design Technology, 2000

Memberships/Affiliations

Member, American Water Works Association

Member, International City/County Managers Association
Current participant in the Emerging Leaders Program

Conference Presentations

2016 SWIFT (State Water Implementation Fund for Texas) Funding Workshops (various locations throughout the state): Fort Worth's SWIFT Experience

Customer Service Week 2014: Enhancing Business Performance and Customer Service by Driving Business Process Improvements

Texas Water 2012: Industrial/Commercial/Institutional Water Use Auditing

Attachment B

Summary of Qualifications and Résumés for Other Nominees Considered

Summary of Qualifications and Résumés for Other Nominees Considered

Jennifer Walker, Public Member, Austin. Ms. Walker is the Water Resources Coordinator for the Lone Star Chapter of the Sierra Club.

Colleen Spencer, Public Member, Sugar Land. Ms. Spencer is the Water Conservation Manager for the City of Sugar Land.

John Scott Heidman, LI0004664, Rowlett. Mr. Heidman has been in the irrigation supply business for 20 years. He currently is the Director of Business Development at Irrigators Supply Inc.

Randall Merriott, LI0005817, Lubbock. Mr. Merriott is an owner and operator of a small landscape irrigation business, with a focus on service calls/repairs. He also has experience in irrigation supply and irrigation design.

Gail Donaldson, LI0010803, Richardson. Ms. Donaldson is the current Water Conversation Manager for the City of Allen. She also has experience in education and teaching.

Dan Todd, LI0006121, Houston. Mr. Todd has been a licensed irrigator for 19 years and holds Customer Service Inspector and Backflow Prevention Assembly Tester licenses.

Lewis Wright, LI0000829, El Paso. Mr. Wright has been a licensed irrigator for 36 years and is a past member of several local associations.

James Burgdorf, LI0008675, Saginaw. Mr. Burgdorf is a Water Conservation Specialist for the City of Fort Worth, with previous experience in backflow and irrigation services.

David Turnage, LI0005851, Austin. Mr. Turner is the Conservation Program Associate for Austin Water. Mr. Turnage previously worked as a licensed irrigator for several different companies.

Rick Moore, LI0018140, Flower Mound. Mr. Moore is a Licensed Irrigator, Backflow Prevention Assembly Tester, and Master Plumber. He is employed as the Services License Manager for Home Depot.

Jesus David Torres, LI0015308, Austin. Mr. Torres is a bilingual training provider for technician courses through Water Education Training Services.

David Kania, LI008558, El Paso. Mr. Kania is an irrigation inspector and plans examiner for the City of El Paso. He is also the current chairperson of the IAC.

Anai Padilla, LI0005608, El Paso. Ms. Padilla is the Water Conservation Center Manager for El Paso Water.

Andrew Cummings, LI0020059, Universal City. Mr. Cummings is the Resource Conversation Lead for New Braunfels Utilities. He is also a practicing Licensed Irrigator.

John Shideler, LI0006728, Georgetown. Mr. Shideler is a Licensed Irrigator and Backflow Prevention Assembly Tester. He is currently the Water Ambassador for Sun City in Georgetown.

Norman Butterfras, LI0017450, Tomball. Mr. Butterfras manages two companies in the Houston area relating to irrigation and landscaping.

Nolan Butterfras
20214 Stone Lake Circle, Tomball, TX 77377
713-859-3658 ~ Nolan@TexasTurfManagement.com

PROFESSIONAL EXPERIENCE

Texas Turf Management ~ Hockley, TX June 2002 - present
Owner

Texas Mulch Masters, LLC ~ Houston TX April 2014 - present
Vice President

ADDITIONAL SKILLS

- Calibration and application of chemicals, pesticides and fertilizers
- Irrigation audit, design, installation and repairs
- Landscape design and ornamental landscape installation
- Tree pruning
- Proficient with John Deere mowers, Toro and Badboy, SkidSteer, mini excavator, front end loader, trencher, auger, forklift and chainsaw
- Rain collection

LICENCES

- o Certified Commercial Pesticide Applicator, License No. 0730178
- o City of Houston Backflow and Cross Connection Inspector, License No. 441
- o Backflow Prevention, License No. 12524
- o Irrigation, License No. 17450
- o Texas Electrical Contractor, License No. 30498
- o Drain Layers, License No. 748596

EDUCATION

Texas A&M University, College Station, TX Class of 2004
- Bachelor of Science in Agricultural Development

AFFILIATIONS

- HAA Member
- TNLA Member
- CCA Member
- International Society of Arboriculture

HOBBIES AND INTERESTS

- Anything water related, especially water movement
- Hunting
- Fishing
- Coastal Conservation

REFERENCES

- Roy Skinner, Owner, Armadillo Group, Inc., and licensed irrigator ~ 713-466-5894
- Andrew Lennart, Owner, Cy-Tex Landscape ~ 281-686-8694
- Don Godfrey, Backflow Instructor ~ 972-977-6913
- Sam Birch, Owner of Irrigation Station ~ 281-890-6575

Mr. Shideler's qualifications are listed below:

John V. Shideler
319 Kings Creek Road
Georgetown, Texas 78633

Mr. Shideler desires to serve on the Irrigator Advisory Council. He has been active in the Irrigation Industry - owning and operating "The Sprinkler Man" in Lake Livingston, Texas, since 1999. He has served both residential and commercial customers in the Greater Houston area, the Lake Livingston area, and in the Georgetown area.

Qualifications:

Education: BBA from Washburn University, Topeka Kansas
Licensed Irrigator - LI 6728 - licensed in 1999
BPAT - BP 1039 - licensed 1999

Service to the Industry:

Houston Gulf Coast Irrigation Association (HGCI A)

President - 2002

Project Chairman of the first "Houston EXPO" in 2000

Project Chairman for the "New Irrigator Mentoring Project" started in 2009

Awarded the "Outstanding Service Award by the HGCI A in 2013

Honored by having the Annual scholarship program named the "John Shideler Scholarship Award"

Texas Irrigation Association (Texas Turf Irrigation Association)

Board member - 2003-2006

President - 2005

Central Texas Professional Irrigation Association (Austin Lawn Sprinkler Association)

Served on the Bylaws committee - 2013-2014

Serves as a "Water Ambassador" for Neighborhood 50 in Sun City, Georgetown, Texas

Member of the Neighborhood Representative Organization - Water Conservation

Committee for Sun City.

Founding member of the "Water Matters" committee for Sun City. The committee works with the City of Georgetown on all matters concerning water conservation at Sun City

Serves on the Modifications Committee, which approves all modifications of landscapes and buildings in Sun City

Mr. Shideler has committed to actively serve on the Irrigator Advisory Council. Mr. Shideler lives in Georgetown and that will enable him to participate in any and all activities required by the Council.

RECEIVED
JUN 27 2016
Field Operations
Support Division

Andrew T. Cummings

8302 Brookline

Universal City, TX 78148

(210) 843-2689

acummings@nbutexas.com

June 28, 2016

Ms. Melissa S. Keller
Operations Support, Work Leader
Office of Compliance and Enforcement

Dear Ms. Keller or To Whom It May Concern,

I have maintained an irrigator's license since 2012, making me fully qualified to serve on this council. In order to help my customers utilize their irrigation systems most effectively/efficiently (your word choice), I enjoy educating them and the general public on water conservation in irrigation design and have always taken pride in learning the irrigation code and hope to be a part of the evolution that it is happening.

I have several ideas that I believe would help to benefit the IAC and our industry. In addition, by actively working with numerous irrigators and their customers during my day job as the Environmental Affairs' Resource Conservation Lead at New Braunfels Utilities, I have gained a unique and non-biased perspective of what is happening and what needs to happen in the field. Promptness is a high priority in my work ethic and I would not have an issue in regularly attending the meetings and being active in them.

I firmly believe that my skills and experience with irrigation and its related activities will make me a strong asset to the IAC and look forward to a positive reply. I have attached my résumé and credentials for your review. I may be reached at my cell, (210) 843-2689. Thank you for considering my application.

Sincerely,

Andrew T. Cummings



Enclosure

Andrew T. Cummings

8302 Brookline

Universal City, TX 78148

(210) 843-2689

acummings@nbutexas.com

- Objective:** To obtain a seat with the IAC where I would be able to fully utilize my skills and past experiences by working with customers and irrigators to help achieve the best possible outcomes for both parties.
- Education:** A.A. In Business Management, San Antonio College, San Antonio, Texas;
Currently Attending
High School Diploma: Judson High School, Converse Texas
- Experience:**
- 2014 to Present **Resource Conservation Lead**, New Braunfels Utilities, New Braunfels, Texas
Management and enforcement of the City of New Braunfels' Conservation Ordinance, conducting irrigation efficiency assessments for customers, researching and developing rebate programs to help stimulate water conservation
- 2012 to Present **Licensed Irrigator**, LI0020059, Dot Sprinkler Company, San Antonio, Texas
Working under license LI0020387 at Dot Sprinkler Company, repair and renovations with an emphasis on water conservation.
- Special Skills:** Well versed in irrigation rules and water conservation methods
Texas Master Naturalist Certification (Expected October 2016)
Certified Pool Operator, 78-310249
Designated Record Liaison Officer, New Braunfels Utilities
- References:** See Attached.

Andrew T. Cummings
8302 Brookline
Universal City, TX 78148
(210) 843-2689
acummings@nbutexas.com

References:

Vincent P. Monzingo
Business Partner; 5+ years
2355 Austin Hwy, Apt 2110
San Antonio, TX 78218
(210) 428-0798
vincentmonzingo@att.com

Suzanne R. Williams
Manager; 2+ years
New Braunfels Utilities
355 FM 306
New Braunfels, TX 78130
(830) 608-8990
swilliams@nbutexas.com

Sue Ridgeway
Customer; 4+ years
257 Cordero Dr
Cibolo, TX 78108
(210) 860-1089

Andrew T. Cummings
8302 Brookline
Universal City, TX 78148
(210) 843-2689
acummings@nbutexas.com

To Whom It May Concern,

I, Andrew Cummings, agree to serve the full term if elected to the Irrigator
Advisory Council.

Andrew Cummings



BIO INFORMATION

Anai J. Padilla
Water Conservation - TechH₂O Center Manager
El Paso Water
10751 Montana Ave. El Paso, TX 79935
ajpadilla@epwu.org
(915) 621-2007
(915) 621-2011 fax
(915) 471-7084 mobile

For the past 23 years, I have been in charge of the development and implementation of programs, rebates, incentives, enforcement of the city water conservation ordinance and educational activities of the El Paso Water Utilities Water Conservation Department; aimed at completing the goals set for by El Paso's Public Service Board Water Resource Management Plan to achieve and maintain a 20% reduction in per capita use by the year 2010.

In charge of the operations and management of the Carlos M. Ramirez TechH₂O Center aimed at highlight total water management in the Chihuahuan Desert via interactive educational exhibits.

Successfully obtained grants to develop water efficient gardens and educational materials to demonstrate how urban landscapes can be beautiful, water efficient and how homeowners can incorporate rain water harvesting methods at home.

Regularly perform irrigation water audits for City Parks, School Districts, commercial sites and residential homes as part of the services and pilot projects offered by El Paso Water.

EDUCATION: Masters' Degree in Business Administration and
Marketing
University of Phoenix, 2004

Bachelor of Science General Horticulture,
New Mexico State University, 1985

CERTIFICATIONS Licensed Irrigator-Texas Commission on
Environmental Quality -- LI0005608
Certified Landscape Irrigator Auditor.

ORGANIZATIONS: Member of the Statewide Water Conservation Task
Force set forth by the 78th Legislation
Water Conservation and Re-Use Committee, Texas
Section AWWA. Urban Agriculture Subcommittee,
Texas A&M Research Center, Texas Urban Forestry
Council
Active member of El Paso Junior League

David J. Kania

Landscape Plans Examiner/Irrigation Inspector

City of El Paso

W915-472-5970, P915-740-5502

KaniaDJ@Elpasotexas.gov

11945 Spire Terrace, El Paso TX 79936

Work Experience

- **City of El Paso**
 - Landscape Plans examiner/Irrigation inspector 10/04 –present
- **El Paso Water Utilities**
 - Water Conservation Technician/Turf Rebate Manager 3/01-10/04
- **Payless Nursery/the Watkins Group**
 - Operations Manager 11/98-3/01
- **Stedman Old Farm Nursery**
 - Crew Chief 4/97-10/98
- **C & D Landscaping**
 - Owner 4/95-3/97
- **Stutz Landscaping**
 - Chief 5/91-02/95

Licenses

- Texas Licensed Installer IN0000773 (held until I became an irrigator)
- Texas Licensed Irrigator LI0008558
- Texas Licensed Backflow Tester BP0008283
- Texas Licensed Irrigation Inspector II0000035
- Texas Certified Water Auditor

Membership and Activities

- Member of the Borderland Inspectors Association Member since 2004
 - Vice President 2013-present
- Served as a trustee on the TTIA 2007
 - Vice President 2008
 - President 2009
 - Vice President 2010
- Member of the West Texas Irrigation Association Member since 2004
 - Serve as a Liaison Officer
- Appointed to the TCEQ Irrigation Advisory Council February 2010
 - Vice Chair 2014/15
 - Chair 2016

David J. Kania

11945 Spire Terrace
El Paso, TX 79936

Work: (915) 472-5970 Cell: (915) 740-5502

Email: kaniadj@elpasotexas.gov

Objective

I want to serve my community and the state of Texas by providing a better environment through water conservation, and continue to represent the irrigation industry in the state of Texas.

Qualifications

- Able to effectively handle both client contact and project coordination with other disciplines
- Advise customers and sales people concerning the best hardware and software solutions for their requirements
- Work effectively with both contractors and clients—able to identify needs, tactfully answer questions, and solve problems
- Proven ability to work independently, handle simultaneous projects, and meet deadlines
- Communicate with counterparts in other departments and retrieve information by establishing a network
- Recognized for powerful communication skills, handling high-pressure situations in a professional and effective manner, and strong computer skills in daily activities
- A long-standing personal commitment to irrigation and water conservation
- Ability to deal with a crisis in a calm, professional manner
- Demonstrate ability to analyze, evaluate, and incorporate changes
- Maintained and encouraged customer loyalty through the courteous and efficient resolution of disputes, complaints, and discrepancies

Professional Licenses and Memberships

- Texas Licensed Irrigator LI0008558
- Texas Licensed Backflow Tester BP0008283
- Texas Licensed Irrigation Inspector II0000035
- Texas Certified Water Auditor
- Texas Licensed Installer IN0000773 (held until November 2002)

- Appointed to the TCEQ Irrigation Advisory Council February 2010. Served as Vice Chair 2014/2015 and Chair 2016
- Member of the Borderland Inspectors Association since 2004. Vice President 2013-Present
- Served as a trustee on the TTIA 2007, Vice President 2008 and 2010, President 2009
- Member of the West Texas Irrigation Association since 2004. Served as a Liaison Officer

Professional Experience

City of El Paso

Landscape Plans Examiner/Irrigation Inspector, 10/04-Present

- Approve or disapprove all landscape plans submitted to the City under the Landscape Ordinance
- Perform field inspections to verify that projects have been installed to City code as per approved plans
- Enforce the Landscape Ordinance (20.65) through citations, red tags, and warnings, both verbal and written

El Paso Water Utilities, El Paso, TX

Turf Rebate Program Manager, 03/01-10/04

- Explain the Turf Rebate Program to property owners, identifying the requirements and the financial benefits of the program
- Evaluate each site prior to implementation and perform final inspection for all program requirements
- Approve or disapprove all Turf Rebates

Payless Nursery/The Watkins Group, El Paso, TX

Operations Manager, 11/98-03/01

- Directly supervised and coordinated installation of landscape and irrigation projects with the owners or owner representative requiring negotiation and assessment of change orders, making alterations to design plans when needed
- Explained and demonstrated water conservation equipment management practices and concepts to the owner or owner's representative
- Identified and estimated all costs (labor, machinery, and materials) related to the installation of a project
- Designed water conservation landscape plans for commercial projects to City Code 20.65 specifications and residential designs

Jesus David Torres

6500 Orange Blossom Way

Austin, TX 78744

Home -- (512) 280-0832

Cell -- (512) 351-6459

Email -- dtorreswets@gmail.com

Objective

Being in the irrigation industry for over 30+ years has given me the irrigation experience and passion to teach water conservation and professionalism to irrigation contractors and distributors.

Work Experience

Water Education Training Services

2016 to 2009

Teach the Technician Course both in English and Spanish and helped translate the current exam. Also teach the Irrigators Basic Course and other CEU courses offered by WETS.

TruGreen Landcare

2009 to 2005

Employed as an irrigation manager and managed over 650 commercial properties. Managed over 10 irrigation repair servicemen and was offered the position as branch manager. Bid all repairs to commercial properties generated from irrigation checks. Met daily with customers and offered them options and how better to manage their irrigation system and save water.

Rain Bird International

2005 - 1996

Area Manager for Mexico/Caribbean/Central America - Managed over 90 distributors in Mexico and helped open Guadalajara Mexico. I also taught irrigation design, sales, customer service and installation. In 2001 I was assigned the position of Regional Manager for Latin America and covered Argentina, Brazil and Chile. My main focus was golf course projects in that market.

AMC Industries

1996-1981

Irrigation Salesman for the Austin area and later International Salesman for Mexico.

Awards

Trailblazer Award from Hunter Industries

Rain Bird International Sales Achievement

Additional Skills

Speak and write both English and Spanish

Proficient with Microsoft Window including PowerPoint, Excel and Words

Consult with contractors on irrigation problems and able to solve each one in a timely manner.

Design Irrigations from small residential to a large as a golf course.

Education

AS Johnston High School – Austin, TX

Graduated 1972

Austin Community College

1974 -1976

Melissa Keller

From: Rick_Moore@homedepot.com
Sent: Tuesday, July 12, 2016 9:12 AM
To: Melissa Keller
Subject: Irrigator Advisory Council openings

Follow Up Flag: Follow up
Flag Status: Completed

Ms. Keller,

I understand that there are two irrigator positions open on the IAC. I would be interested in serving the state of Texas on this advisory council. I believe that as a Licensed Responsible Master Plumber with a WSPS endorsement and Texas Rainwater Harvesting training, as well as my BPAT I would bring a unique perspective to the council. Being a Licensed Master Electrician as well provides me a full understanding of the electro-mechanical, as well as the fluid dynamics aspect, that affect our unique irrigation industry here in Texas.

I am active in my licensed industries in this state, and others, and believe I have good relationships with building officials throughout the state as a result of my "Big Box" qualifier position.

If you think I would be a good fit for the IAC, please let me know how to apply for consideration.

Rick Moore

Services License Manager

P.O. Box 270099, Flower Mound, TX 75028-0099

Phone 972.724.0123 mobile 817.350.3653 fax (877) 959-8151 [TOLL FREE]

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– RMP – Medical Gas - WSPS

FLORIDA - CAC1813767 / CFC1426021

HAWAII - CT30305

LOUISIANA - LMP6987

MINNESOTA - 93716-PM

HOME DEPOT U.S.A., INC.

2455 Paces Ferry Rd, C-1, Atlanta, GA 30339

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David L. Turnage
11314 Gatling Gun Lane
Austin, TX 78748-1916
512.826.6258
dturnage5@yahoo.com

July 19, 2016

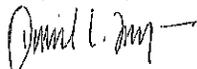
Melissa Keller
Texas Commission on Environmental Quality
12100 Park 35 Circle
Building A, 2nd Floor, Conference Room 202
Austin, Texas 78753
RE: Nomination to serve; Irrigator Advisory Council

Dear Ms. Keller,

I am both excited and honored to have been nominated for service on the Irrigator Advisory Council.

I have had a long and never-ending interest and association to the field of irrigation and am eager to lend my support. I am committed to serve with a fair and open mind, and to consider regulations and guidelines, irrigation and business practices, technology and water conservation principles. I will focus very carefully on the effects of the council's guidance to both irrigation professionals and the public and am looking forward to developing new relationships along the way.

Respectfully,



David L. Turnage
LI0005851

OBJECTIVE:

Nomination – TCEQ Irrigation Advisory Council

EXPERIENCE:

Conservation Program Associate / Specialist

04/2008 – Current / Austin Water (AW), Water Conservation Division, Austin, TX

I assist with City of Austin water conservation code revision processes for periodic reviews on code / irrigation guidelines and requirements. I conduct irrigation system evaluations, inspecting residential and commercial irrigation systems to ensure efficient, proper and normal operation to eliminate water waste. I have been the developer and facilitator for the annual WaterWise Irrigation Professional Seminar event since 2009 which delivers education to 250 +/- local irrigation professionals that receive CEU credit for annual license renewal. I participate in community outreach - program presentations, speaking to various groups on water conservation and irrigation topics. I developed a training program for Irrigation Inspectors to support the Austin Water Facility Irrigation Assessment program which requires operators of large commercial irrigation systems to submit bi-annual inspections to ensure they are operating without violation to the Austin Water Conservation code and provide administrative support for the program. I have worked with TCEQ on matters clarifying activities requiring irrigation inspections to ensure compliance with State guidelines. I provide training and support the City of Austin plumbing inspectors ensuring that new irrigation systems are inspected to meet City of Austin irrigation and State criteria and guidelines. I review irrigation meter waivers for commercial development projects located in the Austin Water distribution area. I provide customer service support to various other Austin Water programs.

Licensed Irrigator

06/2007 – 11/2007 / Greater Texas Landscapes, Austin, TX

I inspected large commercial irrigation systems to ensure proper and normal operation and efficient coverage identifying component failures and efficiency concerns to include; bidding and estimating upgrades and repairs. I managed multiple teams installing and repairing irrigation system including project management and design. Monthly, I managed 70 +/- large commercial irrigation systems reviewing seasonal scheduling and maintenance.

Owner / Licensed Irrigator # LI0005851

07/1994 – 04/2008 / Pro Sprinkler / Pro-Design Landscape, Austin, TX

I was the owner operator of full service landscape and irrigation firm with 6-12 full / part-time and seasonal staff. I provided management and maintenance services of residential and commercial irrigation systems and landscapes. I was solely responsible for design and installation of irrigation system and landscape projects which included sales, marketing, project management and customer service. I managed and maintained irrigation system controllers and water budgets for commercial properties. I was responsible for advertising and marketing all services. I hired staff, provided training and cross training for all service areas. I conducted employee evaluations, generated employee schedules, managed payroll and administrative duties. Ordered all materials and supplies, managed vendors and tracked all inventories. I monitored sub-

contractors compliance and quality of job performance, evaluation, review and enforcement of; proposals, bids, scopes of work, contracts, job specifications, standards, inspections, materials selections, installation methods and procedures, job site safety standards and communications. Operated and maintained components used in irrigation systems including controllers, valves, gauges, pressure regulation methods, sprinkler heads, nozzles and meters. I investigated customer service concerns, provide assistance and problem solving. I created policy and procedures and provided strong leadership skills to employees. I focused on customer service and education to clients and end users of irrigation systems skills and training affecting irrigation scheduling, repair and maintenance of irrigation system components, controller operation and landscape maintenance. I operated and maintained equipment used in the installation of irrigation systems including; trenchers, trucks, trailers and hand tools.

Irrigation Tech

03/1993 - 07/1994 / Clean Cut Landscape Services, Austin, TX

I inspected commercial irrigation systems to ensure proper, normal operation and efficient coverage including; bidding, identifying component failures and efficiency concerns. I was responsible for irrigation scheduling, repair and maintenance of all irrigation components; recommend upgrades including irrigation system design.

Restaurant / Catering Food & Beverage Manager

01/1991 - 03/1993 / Embassy Suites, Austin, TX

I managed all food service outlets including full service restaurants, banquets and catering. I ordered food and bar inventories, tracked budgets, hired staff, trained and created staff schedules. I worked with sales and catering staff to develop menus for events and banquets, managed events and special occasion brunches.

Assistant Restaurant Manager

03/1986 - 01/1991 / Dan McKlusky's Steak House Restaurant, Austin, TX

I managed food service and bar staff for fine dining / special occasion steak house. Generated employee schedules, tracked inventories and ordered food and bar supplies. Hired and trained all staff including back and front of house team members. I held monthly employee team meetings and managed vendor relationships.

EDUCATION:

1976-1979 / William B. Travis High School, Austin, TX / High School Diploma

LICENSES:

State of Texas Licensed Irrigator # LI0005851, 1997

James Burgdorf

1112 Springhill Dr
Saginaw, Texas 76179
817-401-5733

Professional Experiences

Water Conservation Specialist

City of Fort Worth - Fort Worth, TX

June 2007 to Present

Meeting with and educating the public and by showing them that, with the irrigation system they currently have, they can water more efficiently using their irrigation system. I perform irrigation water audits on residential, commercial, and city properties to show how their systems are performing. Through suggestions and recommendations they will see potential savings. I also oversee several irrigation projects and yearly budgets. I also investigate waste water complaints and report finding to upper management. With years of experience and currently holding an Texas Landscape Irrigation License,; By reviewing and making suggestions or recommendations over commercial irrigation plans to make sure state and local rules apply. Follow up with customers regarding their watering and landscape questions. Educate the public on Water Conservation by speaking at local events and home shows.

Owner/Manager

B & B BACKFLOW, INC - Saginaw, TX

August 2000 to Present

Self-Employed - Duties include testing, repairing, and installing backflow assemblies on domestic, irrigation, and fire lines. Complete appropriate test reports and file with the corresponding city. Educate the public on the importance of backflow prevention. I also managed and oversee all landscape and irrigation service and installations.

Territory Manager

Choate Irrigation - Carrollton, TX

September 2006 to May 2007

- Responsible for South Motorplex territory. Create sprinkler system designs; oversee 8 different crews (total of 48 members), prioritizing jobs and dispatching crews accordingly. Communicate with builders / home owners on a daily basis to schedule jobs / repairs. Once job is complete, check system / repair work for accuracy, then walk home owners through system controller to educate them on use and timing needs. Also responsible for performing backflow tests, pulling all required permits, updating paperwork. Within two months, I was recognized for cleaning up a territory that had been severely neglected.

James Burgdorf

1112 Springhill Dr
Saginaw, Texas 76179
817-401-5733

Professional Experiences

Backflow Cross-Connection Inspector
City of Fort Worth - Fort Worth, TX
December 2005 to September 2006

Backflow / Cross-connection Technician - Inspect fire line, commercial, and residential backflow assemblies and ensure all USC plumbing codes are met upon installation. Responsible for all documentation on pass / fail results and speaking with concerned parties when needed.

QUALIFICATIONS:

- ◆ Texas Licensed Backflow Tester, licensed since July 21, 2000
- ◆ Texas Licensed Irrigator, licensed since March 25, 2002
- ◆ Texas Licensed Irrigation Inspector, April 2009 (Parked)
- ◆ Texas Licensed Underground Fire Main, November 2003 (expired)
- ◆ Texas Licensed Plumber's Apprentice, February 2006
- ◆ Customer Service Inspection License, June 23 2008
- EPA Water Sense Landscape Water Auditor, June 2012
- Texas A&M Water Auditing & Management Certification
- ◆ Excellent organizational, communication, and people skills
- ◆ Result-oriented, with an ability to see any assignment through successful completion

Groups

Secretary & Member for the Lone Star Irrigation Association
January 2007 to Present

TTIA Member
2010 to Present

Volunteer & Support

- ◆ I coached my sons Little League Baseball Team for the last 4 years
- ◆ Teaching and supporting new hires with filed experience and supporting them in getting their Landscape Irrigation Licenses.

Lewis C. Wright Jr.

Landscape Architect

Landscape Architectural Services
2007 Texas Avenue, Suite A
El Paso, Texas 79901
Office: (915) 422-7739

PROFESSIONAL ASSOCIATIONS:

Current Member of American Society of Irrigation Consultants (ASIC)
Passed Member of American Society of Landscape Architects
Passed Member of WTTIA, West Texas Turf Irrigation Association
Passed Member of TTIA, Texas Turf Irrigation Association

RELATED PROJECT EXPERIENCE:

Texas Tech University School of Nursing and Helix Gardens, El Paso, Texas
Texas Tech University Medical School El Paso, Texas (Irrigation and advisor on the Landscape)
University of Texas School of Nursing, El Paso, Texas
University of Texas Bio Tech Building, El Paso, Texas
University of Texas Parking Garages I and II, El Paso, Texas
University of Texas Transformation Project, El Paso, Texas (Construction Administration)
Fire Station #513 El Paso, Texas (Largest Fire Station)
DSI, Davita and Sun City Medical Clinics, El Paso, Texas
VA Hospital Addition at Ft Bliss

ADDITIONAL PROFESSIONAL EXPERIENCE:

- 1) Honor Award for Excellence, American Society of Landscape Architects
- 2) Meritorious Service Award, City of Lubbock, Landscape Award
- 3) Irrigation Design Award, Texas Turf & Irrigation Association
- 4) 1992 Community Forestry Award, Certificate of Merit, Texas Forest Service for the CBD Phase I Street Improvements, El Paso, Texas.
- 5) 1999 Community Forestry Award, Award of Merit, Texas Forest Service for the CBD Phase II Street improvements, El Paso, Texas.
- 6) 2000 Community Forestry Award, Award of Excellence, Texas Forest Service for the Oregon Street Mall, Street Improvements, El Paso, Texas.
- 7) 2004 ASIC National Merit Award for Excellence in Irrigation

COMMUNITY SERVICE:

- 1) Tree Board for the City of El Paso, Texas
- 2) Green Scene a Beautification Committee for City of El Paso, Texas
- 3) Passed President Elect WTTIA, West Texas Turf Irrigation Association
- 4) Passed President Elect of TTIA, Texas Turf Irrigation Association



Lewis C. Wright Jr.

Landscape Architect

Mr. Wright has offered design services for more than 35 years to the southwest area based on his education and professional experience. His background encompasses 45 years of education and comprehensive knowledge in consulting, design, and construction of a wide variety of projects. Mr. Wright is not only a registered Landscape Architect but is a registered Irrigation Consultant and the first in this area to hold both registrations concurrently. The nine years Mr. Wright has spent performing design / build services has differently enhanced his design capabilities in reducing construction costs. Project experience has consisted of industrial, government (federal, state and city), educational facilities, park development and renovation, golf irrigation, amusement facilities, large irrigation projects, transportation (state and city) and projects in the private sector.

EDUCATION:

Bachelor of Architecture Design, Texas Tech University, Lubbock, Texas 1975
Bachelor of Landscape Architecture, Texas Tech University, Lubbock, Texas 1979

LICENSES/REGISTRATION:

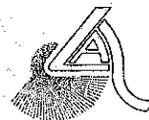
Registered Landscape Architect with the State of Texas, # 1104, Year 1983
Registered Irrigation Designer with the State of Texas, # 829, Year 1981
Registered Backflow Prevention Assembly Tester with State Of Texas, #BP0016881, Year 2015
Certified Landscape Irrigation Auditor, EPA
Certified By Rainbird for Maxicom, Level II
Certified By Paige Irrigation Division Electric Wiring and Grounding for Irrigation Systems

WORK EXPERIENCE:

43 Years Work Experience

- 6 Years (2009 to current)– LAS (Landscape Architectural Services), El Paso, Texas (Landscape Architectural and Irrigation Design)
- 19 Years (1990-2009) – Landscape Architectural Service, El Paso, Texas (Landscape Architectural and Irrigation Design)
- 9 Years (1981-1990) – The Wright Design and Associates, El Paso, Texas (Design / Build Landscape Architectural and Irrigation)
- 2 Years (1979-1981) – Trigon Development, El Paso, Texas (Architectural and Landscape Architectural)
- 4 Years (1975-1979) – Fanning, Fanning and Agnew Consulting Engineering, Lubbock, Texas (Plumbing, Mechanical and Electrical Design)
- 9 Years (1970-1979) – Texas Tech University Lubbock, Texas (Architectural Design and Landscape Architecture Bachelor's Degrees)
- 2 Years (1970-1971) – E. D. Baker Construction Borger, Texas (Roadway Construction, Resurfacing and Holding Pits)
- 1 Year (1969) - National Park Service at Lake Meredith Borger, Texas

OFFICE LOCATION / PHONE NUMBER:



DAN TODD

6306 Riverview Way
Houston, TX 77057 | Dan@BackflowInspector.com | 713-518-9660

SKILLS & ABILITIES | Landscape Irrigation Design, Sales, Repair, Installation, Backflow Inspection and Repair, Water Surveys for lead and cross connection control. Lead Irrigation Designer in AutoCAD and Pro-contractor Studio.

EXPERIENCE | **OWNER/OPERATOR BACKFLOWINSPECTOR.COM**
11-09-2007 TO PRESENT

We are a leading Backflow Inspection and Service Provider in Houston, Austin, and Dallas Texas.

OWNER/OPERATOR WATER WORKS IRRIGATION
10-08-1997 TO PRESENT

We are a Landscape Irrigation Design/Installation/Repair/Consulting in all phases of irrigation in the Gulf Coast Area. We have designed and installed sprinkler systems for High Schools, Apartment Complexes, and Residential Customers.

EDUCATION | **UNIVERSITY OF HOUSTON, UNIVERSITY PARK**
BBA FINANCE
1992

COMMUNICATION | I am the Founder of the Informational Website BackflowInformation.com and continue to post new ideas, links, and photos weekly. SprinklerDesignHouston.com and SprinklerInformation.com are other websites that I have been developing in the water industry.

LEADERSHIP | Served In the United States Army from 1988 to 1992 in Germany and Italy, achieved the Rank of Sergeant.

ASSOCIATIONS | AMERICAN BACKFLOW PREVENTION ASSOCIATION
HOUSTON GULF COAST IRRIGATION ASSOCIATION
TCEQ LANDSCAPE IRRIGATOR 0006121
TCEQ BACKFLOW PREVENTION ASSEMBLY TESTER 0011021
TCEQ CUSTOMER SERVICE INSPECTOR 0009500

GAIL DONALDSON

2964 Warm Springs, Richardson, TX 75082 gail.donald@yahoo.com 214-557-1343

QUALIFICATIONS

- Strong educational background in horticulture, irrigation, and plant materials.
- Five years experience as Horticulture Extension Agent.
- Fifteen years college program administration and curriculum development experience.
- Eight years experience in Water Conservation.
- Texas Irrigators License, Irrigation Association Certified Landscape Irrigation Auditor.
- Excellent business and personnel management skills.
- Excellent public relation and computer skills.

WORK EXPERIENCE

November 2007- Present

**WATER CONSERVATION
MANAGER**
City of Allen
305 Century Parkway
Allen, Texas 75013

Responsible for managing and monitoring the City's Water Conservation Program; supervising the work of the water conservation staff; analyzing water use patterns and identifying effective conservation measures; preparing and presenting information to City Council and the public; and implementing incentive programs and regulations which promote the efficient use of water. **AWARDS: PRIDE- Excel, 2012**

May 2007- November 2007

COORDINATOR II
Water Conservation
City of Dallas
1500 Marilla St
Dallas, Texas, 75201

Responsible for development and coordination of the Landscape Irrigation Auditing program for Dallas Water Utilities, Conservation Division. Developed program policies, procedures, forms, data collection, advertising, budget for equipment and personnel to begin implementation of residential irrigation audits as part of the strategic plan for water conservation.

WORK EXPERIENCE

July 2001- May 2007

**ASSOCIATE DEAN
TEACHING ADMINISTRATOR**
Dallas County Community College
Richland College
12800 Abrams Rd
Dallas, Texas 75243

Responsible for program administration for the horticulture program including supervision of 14 adjunct faculty members, two professional support staff, and seven part-time student work study positions. Administrative duties include development of promotional materials and marketing of program; scheduling of classes; curriculum and program development; planning; budget development and monitoring; program evaluation; faculty evaluation; designing processes for improved use of technology; performing assigned teaching responsibilities and preparations; and other duties as assigned. **AWARDS: Excellence in Teaching, 2006**

1995-July 2000

HORTICULTURE EXTENSION
Colorado State University Extension
181 Birch St.
Akron, Colorado 80720

Responsible for summer extension education for four counties in Northeast Colorado. Duties included: diagnosis of ornamental plant and turfgrass problems and suggesting recommended treatment; writing articles for the four area newspapers each week; working with industry professionals in an advisory capacity; radio broadcasts; and presentations on various horticulture topics for interested homeowners and businesses.

1991-July 2000

PROGRAM COORDINATOR
Northeastern Junior College
100 College Dr.
Sterling, Colorado 80751

Responsible for planning, organizing, development, and coordination of the Ornamental Horticulture career and technical program. Duties included: instruction of 33 credit hours per year; student advising and counseling; public relations; supervision and development of student internship training sites; sponsoring a student club; and working with numerous industry professionals in an advisory capacity. Specific course titles include: Basic Horticulture, Turfgrass Management I & II, Woody Plant Identification, Landscape Irrigation Design, Landscape Design, Landscape Management, Nursery/Greenhouse Management, Plant Propagation, Agriculture Orientation, and Horticulture Practicum.

EDUCATION

M.S. Higher Ed Administration
Texas A&M University-Commerce
Commerce, Texas

B.S. Horticulture/Education
Texas A&M University-Commerce
Commerce, Texas

CONTINUING EDUCATION

- LEADERSHIP DCCCD 2002-2003
- Visions of Excellence LENS 2001-2007
- Horticulture Texas A&M University Extension 2003
- ALCA/GIE 2001-2003
- Irrigation CEU classes 2004-2015

PROFESSIONAL LICENSE

- Texas teaching license 1990
- Colorado teaching and vocational credentials 1991
- Irrigation Association Certified Landscape Irrigation Auditor 1996
- Texas Irrigators License 2003- License number 10803

PROFESSIONAL AFFILIATIONS/BOARD EXPERIENCE

- Colorado Turfgrass Association, 1992-2000
- Colorado Nursery and Landscape Association, 1992-2000
- Sports Turf Managers Association, 1992-2000
- Golf Course Superintendents of America, 1992-2000
- ALCA-PLANET, 1992-2006
- American Water Works Association (AWWA), 2007-Present

- Collin County AgriLife Extension Advisory Board (2008-Present)
- Dallas Arboretum Education Board, 2003-Present
- Dallas Irrigation Association (DIA), 2003-Present (Board of Directors, 2003-2011; Board Secretary, 2006-2011)
- Texas Turfgrass Irrigation Association (TTIA-now TXIA), 2007-Present (Board of Directors-Trustee for DIA, 2008-2010)

PROFESSIONAL SPEAKING ENGAGEMENTS

- Dallas Arboretum Education Series 2003-2015, Topics: Xeriscape; Greenhouse Management; Irrigation Management; Pest Control for Ornamental Plants; Water Conservation; Turfgrass Management, Landscape Plant Materials and Landscape for Life series.
- NISOD-Excellence in Teaching Conference 2005, 2006, Topic: Universal Design in Instruction.
- Environmental Protection Agency Region 6 July 2006, October 2006 Topics: Xeriscape, and Water Conservation.
- North Texas Water Conference, August 2009, Topic: Irrigation Insights,
- WaterSmart Innovations Conference (*Annual International Water Conservation Conference*), Las Vegas 2011, 2012, 2013 Topics: Water Conservation Block Leaders; The Good, The Bad, and the Ugly of Water Conservation Enforcement; Commercial Success: Saving 19% water consumption
- Irrigation Association Conference 2013, Topic Commercial Success! 19% Saving
- Texas Water, Galveston April 2013, Topic: Water Wise Irrigation Seminar (*Annual State Water Conference*)
- A T & T Alliance Group 2010-2013, Topics: Sustainable Landscapes; Professional Landscape Maintenance DIY; Fall is For Planting
- Live Green 2011, Topic: Turfgrass Management and Irrigation Efficiency
- City of Plano Volunteer Training 2011-2012, Topic: Water Conserving Landscapes
- City of Mesquite 2012, Topic: Sustainable Landscapes
- Key Club Lake Highlands 2007, Topic: On Being Water Wise
- Parker Garden Club 2011, Topic: Sustainable Landscapes
- Allen Garden Club 2008-2012, Topics: Good Bugs, Bad Bugs; Sustainable Landscapes, Secrets of the Water Wise Gardener
- Rotary Club Allen 2010-2012, 2014 Topic: Secrets of the Water Wise Gardener
- Kiwanis Club Allen 2011, Topic: On Being Water Wise
- Texas A&M AgriLife Master Gardener Training 2011-2015, Topics: Healthy Lawns with Less Maintenance; Irrigation Efficiency, Irrigation Insights
- City of Dallas February 2013, Topic: Healthy Lawns With Less Water
- City of Allen Sustainable Landscape Series 2008-2015, Topics: Grow Your Garden Green; Secrets of the Water Wise Gardener; Good Bugs, Bad Bugs; Irrigation Insights; Sustainable Landscape Maintenance; Greener Grass; Lawn Care the Green Way.
- City of Frisco 2013-2016 Healthy Lawns with Less Resources
- Sprinkler Smarts, McKinney 2011, Topic: Irrigation Simple Repairs
- Water Wise Irrigation Workshop, Dallas March 2012, May 2013 October 2012, Topic: Irrigation Simple Repairs

John Scott Heidman L.I. 4664

7401 Centenary Drive

Rowlett, Texas 75089

214-519-4907 cell

972-562-5390 office

sheidman.sh@gmail.com

Experience:

September 1999 – Present

Irrigators Supply Inc. Director of Business Development

- Manufacturer buying programs negotiations and contracts.
- Commercial and residential irrigation Sales and pricing schedules.
- Technical support and training.
- Sales and support of Irrigation Central Control systems.

June 1996-December 1999

Goldthwaite of Texas Toro. Sales

- Commercial, Residential and Golf irrigation sales.
- Technical support and repair

Organizations:

May 2011-Present (Secretary)

Dallas Irrigation Association

October 2012- December 2013 Board member

December 2013 – December 2015 President

Texas Irrigation Association (TXIA)

J. Randall Merriott
5405 36th Street
Lubbock, Texas 79407

Telephone: 806-778-5124
Email: jrmerriott@gmail.com

Experience

Irrigation Dynamics, Lubbock, Texas. 2003 – Present. Owner and operator of small landscape irrigation service company, specializing in maintenance, repair, and water-conserving upgrades. We currently do over 500 irrigation service calls per year.

Equipment Supply Co., Inc., Lubbock, Texas. 1997 – 2003. Inside sales for a regional wholesale irrigation equipment distributor. Designed irrigation systems. Purchased and sold large quantities of irrigation products. Produced catalogs.

Aquamizer Irrigation, Abernathy, Texas. 1996 – 1997. Landscape irrigation contractor and agricultural irrigation consultant.

DeJarnett Development, Hale Center, Texas. 1995 – 1996. Designed sub-surface drip irrigation systems for cotton farms.

Complete Computer Services, Vero Beach, Florida. 1994 – 1995. Sold, set up, and repaired personal computers and taught classes in Excel.

Kerr Center for Sustainable Agriculture, Vero Beach, Florida. 1992 – 1994. Produced educational publications. Computer software support services for center staff.

Ven-Mar Irrigation, Vero Beach, Florida. 1989 – 1992. Design engineer with large agricultural irrigation contractor. Designed micro-sprinkler systems for citrus groves and estimated material costs.

Education

B.S. Agricultural Engineering. Texas Tech University, Lubbock, Texas. 1988.

Licenses & Certifications

Texas Licensed Irrigator No. 5817. 1996 – Present.
Irrigation Association Certified Irrigation Designer (Ag Drip/Micro). 1995 – Present.
Irrigation Association Certified Irrigation Contractor. 2009 – Present.

Memberships & Awards

South Plains Irrigation Association. Member, 2003 – Present. President, 2005 – 2006, 2016
Texas Irrigation Association. Member, 2007 – Present. Board of Trustees, 2008 – 2009.
Lubbock Chamber of Commerce. Member, 2004 – Present. Water Conservation Council
Co-Chairman, 2008. Business of the Month, June 2009. Water-Smart Business, Spring 2010.
Lubbock Toastmasters. Member, 2006 – 2016. President, 2010

COLLEEN SPENCER

807 Clarendo Falls Drive, Sugar Land, Texas, 77479
832-671-0504 - cspencer@sugarlandtx.gov

SUMMARY

Engaging manager with a passion for service and encouraging others. Experienced in program management and public and private business practices. Adept at assessing needs and finding solutions to organize and implement projects. Able to manage contracts and build long term, mutually beneficial relationships.

- Understand local, state and federal regulatory requirements and reporting.
- Possess knowledge of municipal government processes and procedures.
- Experienced in contract management.
- Familiar with the Texas legislative and Commission rule making process related to environmental issues.
- Have organizational skills necessary to manage multiple and diverse projects and programs.
- Committed to service; striving to provide customers and colleagues with answers and workable solutions within the confines of policy, contractual agreements, and laws.

WORK EXPERIENCE

City of Sugar Land

Water Conservation Manager, June 2013 - Present

- Manage the City's water conservation efforts through implementation of the Water Conservation Plan.
- Develop and implement community education programs including planning, scheduling, and development of promotional materials and presentations.
- Plan and lead community workshops and education events.
- Collaborate with other City staff ensuring successful implementation of programs and events.
- Compile and prepare annual regulatory reports required by the Texas Commission on Environmental Quality, Water Development Board, and Fort Bend Subsidence District.
- Stay informed of Federal and State water code to assure compliance.
- Prepare and manage service contracts and division budget.

Water Resources Manager, November 2009 - June 2013

- Managed the Sugar Land Groundwater Reduction Plan (GRP) and served as the City's liaison to GRP participants.
- Accountable for water resource planning, water supply contract management, water customer contract management, drought planning, and water conservation program management, planning and implementation.
- Responsible for the City's Stormwater Management Plan and supervised the Stormwater Coordinator to assure compliance with the Texas Commission on Environmental Quality and the Federal Clean Water Act.

- Responsible for regulatory reporting related to water rights, water use, and conservation programming.
- Participated in regional water planning (Region H) and regulatory meetings (Fort Bend Subsidence District), representing the City's interest and concerns.

Mike's Lawn Service

Bookkeeper, June 2008 - present

- Manage bookkeeping, accounting, and business transactions.
- Track sales tax collections.
- Prepare and file tax returns.

Educator and Volunteer

Educator, May 1999 - November 2009

- Planned and managed education for two challenged children from first through sixth grade.
- Responsibility included curriculum review and selection, unit development, lesson planning, scheduling, instruction and learning activities, as well as evaluation and record keeping.
- Responsible for planning and providing instruction for weekly group classes in History, Science, and Art.
- Coordinated educational field trips and outdoor learning experiences twice monthly.

Volunteer - Boy Scouts of America, September 2001 - January 2015

- Troop Committee Member, Registration Chair, and Merit Badge Counselor
- Den Leader for two Cub Scout Dens, September 2001 - March 2009
 - Responsibilities included weekly meeting, activity and event planning as well as record keeping and reporting.
- Pack Leader for Pack 616.
 - Coordinated with other adult leaders to plan and deliver quality programming.
 - Plan and lead monthly meetings for 80+ boys and parents that included activities, entertainment, and learning opportunities.

Volunteer - Teacher and Director, January 2000 - August 2006

- Vacation Bible School Director, 2001 - 2002
 - Lead planning and coordination of weeklong activities for more than 200 children and youth as well as oversight of 30+ adult volunteers.
- Sunday school teacher, January 2000 - August 2006
 - Responsible for weekly lessons that included planning activities, music, and lessons for elementary age children.

City of Sugar Land

Solid Waste Coordinator, April 1995 - May 1999

- Negotiated and managed the Solid Waste and Recycling Services Contract.
- Implemented a curbside green waste collection service.
- Developed permitting requirements and ordinance for solid waste haulers permit.
- Supervised the Solid Waste Inspector and the Solid Waste Customer Service Clerk.

- Planned and managed environmental programming, including coordination of meetings and volunteer activities of the City's Recycling Advisory Board that functioned as the Keep Sugar Land Beautiful affiliate.
- Planned public education and school presentations.
- Responsible for planning and securing donations for community environmental events like the Trash-Off and Creek Clean-up, Christmas Tree Recycling (grinding and mulch give-a-way), Paint Recycling, and Household Hazardous Waste Collection.
- Served as the City's liaison to OC Clean, a community group concerned with improving the water quality in Oyster Creek.
- Managed volunteer Water Quality Monitors (Texas Stream Team) to assure timely, consistent, and accurate data collection for an EPA Grant Study of the water quality of Oyster Creek.

Collection Teller, Treasury Department, April 1992 - May 1999

- Received and processed water service and property tax payments.
- Assisted customers with billing and service inquiries.

Medical Productions, Inc.

Administrative Manager, June 1985 – March 1992

- Managed Accounts Receivable, Accounts Payable, and Payroll.
- Responsible for taxes (sales, payroll, income).
- Supported sales team with account management.
- Assisted graphic designers and press operator with project trafficking and scheduling.

EDUCATION & ASSOCIATIONS

Texas Woman's University, Denton, TX

- Master of Arts Degree with Thesis, May 1985
Clothing Construction & Design
- Bachelor of Science Degree, May 1982
Child Development / Nursery Education

Gulf Coast Water Efficiency Network

- Participant
- Annual Water Conservation Symposium Planning Committee

American Water Works Association

- Member

JENNIFER M. WALKER

2214 East 18th St., Austin, Texas 78702
512-627-9931, jennifermwalker@earthlink.net

SUMMARY

Highly versatile natural resources expert with a wide array of experience working on environmental policy and regulatory issues. Strengths include engaging stakeholders on controversial issues, outreach coordination, and direct advocacy on complicated and contentious issues. For thirteen years, Jennifer has been a key member of the Texas Living Waters Project – a multi-year grant funded coalition composed of three major non-profit organizations www.texaslivingwaters.org

EDUCATION

Bachelor of Science, Ecology, Evolution, and Conservation Biology, 1998, University of Texas at Austin

POSITIONS

Water Resources Coordinator, Lone Star Chapter, Sierra Club, Austin, Texas, July 2012 – Present
Water Resources Specialist, Lone Star Chapter, Sierra Club, Austin, Texas, 2005 – June 2012
Program Assistant, Lone Star Chapter, Sierra Club, Austin, Texas, 2002 – 2005
Administrative Assistant, Lone Star Chapter, Sierra Club, Austin, Texas, 1999 – 2002
Intern/Volunteer, Lady Bird Johnson Wildflower Center, Austin, Texas, 1997-2000
Intern, City of Austin Nature Preserves, Austin, Texas, 1997
Sales Representative, Barton Spring Nursery, Austin, Texas, 1999

POSITION DESCRIPTION

Water Resources Coordinator (Texas Living Waters Project), Lone Star Chapter, Sierra Club (July 2012 – Present)

Work with project partners to develop and secure environmentally sound water policy through Texas Living Waters Project - a multi-year grant funded coalition composed of National Wildlife Federation, Sierra Club and Galveston Bay Foundation

- Sierra Club lead on Texas Living Waters Project including coordination, program planning and development with partner organizations.
- Policy, vision and grant development including all aspects of managing grants for Sierra Club portion of Texas Living Waters Project.
- Development of regional water conservation network in the Gulf Coast region that facilitates, educational events, conservations and programs geared towards promoting and implementing water efficiency programs in Texas.
- Spearhead program in Greater Houston region to promote water conservation and bay & estuary protection through multi-faceted programs.
- Participate in the 82nd – 84th Texas Legislature with a focus on sustainable groundwater management and water conservation.
- Represent Sierra Club on Austin Water Resources Planning Task Force and Mayor Parker's Water Conservation Task Force (Houston) to develop policies for these cities for progressive management on water resources.
- Develop educational content, reports and workshops that focus on sound financial health for water utilities to enable efficient management of water resources while maintaining revenue sustainability.

JENNIFER M. WALKER

- Co-lead on the development of reports, blogs, social media and website content for core issue areas. State and Regional Water Planning, Environmental Flows, Drought Response, Water Conservation and Sustainable Groundwater Management

Water Resources Specialist (Texas Living Waters Project), Lone Star Chapter, Sierra Club (2005 – June 2012)

- Co-lead for Sierra Club efforts on groundwater management issues, including participation in the state-wide groundwater management area process and with local groundwater districts. Actively participate in Hill Country and Central Texas groundwater issues through direct interaction and outreach to stakeholders and groundwater managers.
- Represent Sierra Club in the promotion of comprehensive water planning through participation on the Lower Colorado Regional Water Planning Group, stakeholder meetings, task forces, at public hearings, and conferences. Serve as media point of contact for Central Texas water issues and in charge of developing earned media.
- Participate in water rights permitting and settlement negotiations, and water conservation development and implementation.
- Coordinate statewide conferences as well as regional workshops and forums, including agenda development, steering committee leadership, and logistics for speakers and participants. Events include annual "Water for People and the Environment" series, Central Texas Water Conservation Symposium (2011), and Regional Forums on SB3 Environmental Flows Allocation Process (2008).
- Organize online Chapter outreach efforts, including online Convio set-up with action alerts, events, petitions, and other functions.

Program Assistant (Texas Living Waters Project), Lone Star Chapter, Sierra Club (2002 – 2005)

- Worked in partnership with interns and volunteers to produce a series of educational brochures, *Facts about Texas Water* (2003) and *Your Water Supply* (2004).
- Conducted outreach efforts and developed grassroots advocacy on environmental, water conservation and planning issues through forums, radio and print ads, resolutions from decision makers and stakeholders.
- Collaborated with landowners and stakeholders along Colorado River through Austin Bastrop River Corridor Partnership (ABRCP). Partnered with ABRCP to plan community visioning sessions, river trips and report development.
- Co-coordinated annual "Water for People and the Environment" conference series. Topics included environmental flows, water conservation, sound groundwater management, bays and estuaries, and Texas water policy.

Administrative Assistant, Lone Star Chapter, Sierra Club (1999 – 2002) Assisted with general Chapter operations and outreach efforts.

- Maintained Chapter database and membership tracking, and developed and maintained the Chapter website and listserv.
- Fostered relationships with state officials, environmental organizations, volunteers, and Sierra Club Board and members statewide.

Intern, City of Austin Nature Preserve (1997)

- Assisted with urban stream restoration projects, prescribed burns, vegetation rescue and relocation.
- Developed and implemented a photo-monitoring program in 7 preserves and developed procedural manual for monitoring program.

JENNIFER M. WALKER

- Worked to complete habitat restoration projects with volunteers and American YouthWorks.

Intern/Volunteer, Lady Bird Johnson Wildflower Center (1997-2000). Assisted with and led vegetation surveys, photo-monitoring program and volunteer training.

Sales Associate/Native Plant Expert, Barton Springs Nursery (1999). Worked as sales consultant and informational resource on the benefits of native plant.

OUTREACH MATERIALS AND PUBLICATIONS

Sprayed Away: 7 Ways to Reduce Outdoor Water Use in Texas, Lacey McCormick and Jennifer Walker, July, 2010

Drop by Drop, 7 Ways Texas Cities Can Conserve Water, Lacey McCormick and Jennifer Walker, March, 2010

Water Loss from Texas Water Suppliers, Jennifer Walker and Tyson Broad, 2004

Your Water Supply, Jennifer Walker and Justin Murrill, 2004

Facts about Texas Water, Jennifer Walker and Jackie McFadden, 2003

Conference Proceedings, Water for People and the Environment Regional Conference Series, from 2001 through 2009

AWARDS

City of Austin, Commendation for Service on Austin Water Resources Planning Task Force (by Chris Riley), 2014

Save Barton Creek Association, Through Thick and Thin Award, 2007

Sierra Club Special Service Award, 2005

AFFILIATIONS & APPOINTMENTS

Colorado River Alliance, Board Member, 2015

Austin Water Resources Planning Task Force, 2014

Mayor Annise Parker's Water Conservation Task Force (Houston), 2012 - present

City of Austin Environmental Board, 2011 - 2014

Central Texas Water Efficiency Network, 2011

Travis County Groundwater Availability Stakeholder Group, appointed by Comm. Ron Davis, 2011

LCRA Water Management Plan Revision Advisory Group, 2010 - present

SB3 Bay/Basin Area Stakeholder Committee for Colorado River and Matagorda Bay, 2010 - present

Lower Colorado Regional Water Planning Group (Region K), Environmental Interest, 2002 - present

Barton Springs/Edwards Aquifer Policy Advisory Committee, 2009 - present

LCRA-City of Austin Water Partnership Advisory Committee, 2008 - present

Barton Springs/Edwards Aquifer Habitat Conservation Plan Citizens Advisory Committee, 2005 - present

Texas Water Conservation Advisory Council (alternate to Ken Kramer), 2007 - present

City of Austin's Citizens Water Conservation Implementation Task Force, Vice-Chair, 2007 - 2010

ACC Environmental Science Advisory Committee, 2007 - present

LCRA Water Conservation Task Force, 2008

Austin Bastrop River Corridor Partnership, 2004-2008

Attachment C

Summary of Current Members

Summary of Current Members

David Kania, LI0008558, Term expires 02/01/17, El Paso. Mr. Kania is a Landscape Plan Examiner for the City of El Paso. Mr. Kania worked as a Landscape Inspector for the City of El Paso for two years and was a Water Conservation Technician for the El Paso Water Utilities for three years. Mr. Kania is a licensed Irrigation Inspector and a Certified Texas Water Auditor. Mr. Kania assisted in the revision of the Landscape Ordinance for the City of El Paso.

Toni Fox, LI0014347, Term expires 02/01/17, San Angelo. Ms. Fox is a Water Conservation Specialist for the City of San Angelo. Ms. Fox worked previously at the United Blood Services as a Community Relations Representative and also at Goodrich Aerostructures as an Engineer. Ms. Fox is a member of the American Water Works Association, Texas Rural Water Association, H2O 4 Texas Association, TTIA, Alliance for Water Efficiency and Texas Nursery and Landscape Association. Ms. Fox received a Masters in Human Resources and Management, as well as a Bachelor Degree in Business Administration from National University.]

Mark Froehlich, P.E., Public Member, Term Expires 02/01/17, Houston. Mr. Froehlich is the current Director of the Copperfield Municipal Utility District and previously served as District Engineer for over 20 utility districts in Texas. Mr. Froehlich was Chairman of the Water Smart Committee of the Association of Water Board Directors (AWBD) and also served on the AWBD Technical Advisory Committee. Currently, Mr. Froehlich is the Chairman of the North Houston Association's Board of Directors and is a member of the American Society of Civil Engineers. Mr. Froehlich earned a Bachelor of Science in Civil Engineering from Texas A&M University and is a licensed Professional Engineer (50664) in the State of Texas.

Paul Ward, Public Member, Term expires 02/01/19, Grapevine. Mr. Ward is the current chairperson for the IAC. Mr. Ward works as a certified Building Official. He is certified as a plumbing, building, electrical, and mechanical inspector. Mr. Ward has been recognized by the Mayor of Abilene, and was awarded "Employee of the Year" by the City of Southlake. He has also been awarded the "Spirit of Cooperation Award" by the Greater Fort Worth Builder's Association, the "Building Official of the Year Award," by the Building Officials Association of Texas (BOAT), and the "Construction Research Center Building Inspector/Building Official Award" by the University of Texas at Arlington. He has served on the North Texas Council of Government's Electrical Code Committee, International Code Council, BOAT, and chaired the North Texas International Codes Council Awards Committee. He has been part of the review process for a newsletter called the "The Informer," and on an electrical inspection workbook. He has also served as an officer for the Building Professional Institute. Mr. Ward attended Cisco Junior College and Hardin Simmons University.

John DeCell, LI0003466, Term expires 02/01/19, Hockley.

Mr. DeCell is a Licensed Irrigator, Licensed Backflow Assembly Tester, and a Licensed Irrigation Inspector. In addition to having 28 years of industry experience, Mr. DeCell has a strong consumer outreach background. He is an active participant in the TCEQ Cross-Connection Control Subcommittee.

Justin Lewis, LI0008515, Term expires 02/01/19, Fort Worth.

Mr. Lewis is a Licensed Irrigator, as well as a Licensed Backflow Assembly Tester (BP0001608). In addition to having eight years of teaching experience in the industry, Mr. Lewis also has experience as an irrigation supplier, as well as previously owning his own irrigation installation company. He is active in the Lonestar Irrigation Association as a board member.

Brooke Furrh, LI0009181, Term expires 02/01/21, Amarillo.

Mr. Furrh is a Licensed Landscape Irrigator, a Licensed Backflow Prevention Assembly Tester (BPAT), and a Licensed Landscape Architect. Mr. Furrh holds a Bachelor of Landscape Architecture Degree from Texas Tech University and is the owner of Custom Gardens, LLC. Mr. Furrh also serves on the Texas Panhandle Irrigation Association's Board of Directors. He has also served on the Texas Turf Irrigation Association (TTIA) Board of Trustees, where he was Education Director and Vice President.

Philip Hathaway, LI0007391, Term expires 02/01/21, Bryan.

Mr. Hathaway is a Licensed Landscape Irrigator and a Licensed BPAT. Mr. Hathaway has been a Licensed Landscape Irrigator since 2000 and has worked in landscaping since 1995. Mr. Hathaway is involved in water conservation. He is the current Owner/Manager of IDC Irrigation, LLC. Mr. Hathaway has prior experience as a Designer and CAD Draftsman with McClure & Browne Engineering. Mr. Hathaway is a member of the TTIA. Mr. Hathaway attended Sam Houston State University and received a Bachelor of Science in Industrial Technology - Design and Development with a minor in English.

VACANT, Public Member, Term expires 02/01/21, Plano.

Attachment D

Copy of Texas Occupations Code, §1903.151

SUBCHAPTER D. IRRIGATOR ADVISORY COUNCIL

Sec. 1903.151. COUNCIL MEMBERSHIP. (a) The Irrigator Advisory Council consists of nine members appointed by the commission as follows:

(1) six members who are irrigators, residents of this state, experienced in the irrigation business, and familiar with irrigation methods and techniques; and

(2) three public members.

(b) Appointments to the council shall be made without regard to the race, creed, sex, religion, or national origin of the appointee.

Added by Acts 2001, 77th Leg., ch. 1421, Sec. 4, eff. June 1, 2003. Amended by Acts 2003, 78th Leg., ch. 1276, Sec. 14A.438(a), eff. Sept. 1, 2003.

Sec. 1903.152. ELIGIBILITY OF PUBLIC MEMBERS. A person is not eligible for appointment as a public member of the council if the person or the person's spouse:

(1) is licensed by an occupational regulatory agency in the field of irrigation; or

(2) is employed by, participates in the management of, or has, other than as a consumer, a financial interest in a business entity or other organization related to the field of irrigation.

Added by Acts 2001, 77th Leg., ch. 1421, Sec. 4, eff. June 1, 2003.

Sec. 1903.155. PRESIDING OFFICER. The council shall elect a presiding officer.

Added by Acts 2001, 77th Leg., ch. 1421, Sec. 4, eff. June 1, 2003. Amended by Acts 2003, 78th Leg., ch. 1276, Sec. 14A.438(b), eff. Sept. 1, 2003.

Sec. 1903.157. MEETINGS. The council shall hold meetings at the call of the commission or presiding officer.

Added by Acts 2001, 77th Leg., ch. 1421, Sec. 4, eff. June 1, 2003. Amended by Acts 2003, 78th Leg., ch. 1276, Sec. 14A.438(c), eff. Sept. 1, 2003.

Sec. 1903.158. PER DIEM; REIMBURSEMENT. A council member is entitled to a per diem as set by legislative appropriation for each day the member engages in the business of the council. A council member is entitled to reimbursement for travel expenses, including expenses for meals and lodging, as prescribed by the General Appropriations Act.

Added by Acts 2001, 77th Leg., ch. 1421, Sec. 4, eff. June 1, 2003.

Sec. 1903.159. COUNCIL DUTIES. The council shall provide advice to the commission and the commission's staff concerning matters relating to irrigation.

Acts 2003, 78th Leg., ch. 1276, Sec. 14A.438(d), eff. Sept. 1, 2003.

Attachment E
Draft Resolution

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



A RESOLUTION Appointing new members to the Irrigator Advisory Council (Council) at the Texas Commission on Environmental Quality; TCEQ Docket No. 2016-0639-RES Project No. 2016-037-RES-NR

WHEREAS, Texas Water Code Section 5.107 provides the Texas Commission on Environmental Quality (Commission) with the authority to create and consult with the Council; and

WHEREAS, the Regular Session of the 73rd Legislature (1993) adopted Senate Bill 383, subsequently codified as Texas Government Code, Chapter 2110; and

WHEREAS, the Commission issued and adopted a resolution on October 22, 2014 continuing the existence of the Council until February 1, 2021; and

WHEREAS, Commission advisory committees are subject to the Commission's rules regarding such committees pursuant to Title 30 Texas Administrative Code, Chapter 5. The Council's sole duty is to advise the Commission. The Council has no executive or administrative powers with respect to the operation of the Commission, and all such powers and duties rest solely with the Commission; and

WHEREAS, the terms of the following Council members will expire on February 1, 2017: Toni Fox, Mark Froehlich and David Kania; and

WHEREAS, Council member Gary Miles has resigned from the Council creating one vacancy; and

WHEREAS, the vacant positions will be filled by the persons noted in Attachment A; and

WHEREAS, the Commission finds that there is need to continue the existence of the Council until February 1, 2023.

NOW THEREFORE, BE IT RESOLVED BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY, that the following persons be appointed to fill the vacancies on the Irrigator Advisory Council, with their terms to expire accordingly:

Robert Evans, whose term shall be effective February 1, 2017 for a six-year term to expire February 1, 2023; and

Mark Warden, whose term shall be effective February 1, 2017 for a six-year term to expire February 1, 2023; and

Valerie Miller, whose term shall be effective February 1, 2017 for a six-year term to expire February 1, 2023; and

Micah Reed, whose term shall be effective November 1, 2016 for a four-year term to expire February 1, 2021

TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY

Bryan W. Shaw, Ph.D., P.E., Chairman

Date Signed

Attachment F

Map

TCEQ REGIONAL MAP OF IAC CURRENT MEMBERS AND RECOMMENDED NOMINEES

Geography is one characteristic when determining the composition of the IAC

- Current Members through February 1, 2017
- Recommended nominees who will have expiration dates of February 1, 2023

TCEQ Region	Current Member / Recommended Nominee
1	Brooke Furrh, Amarillo, TX (No nominations received)
2	One nomination received
3	No nominations received
4	Paul Ward, Grapevine, TX Justin Lewis, Fort Worth, TX
4	Micah Reed, Fort Worth, TX (Four additional nominees)
5	No nominations received
6	David Kania, El Paso, TX (Three nominations received)
7	No nominations received
8	Toni Fox, San Angelo, TX (No nominations received)
9	Philip Hathaway, Bryan, TX (No nominations received)
10	No nominations received
11	Valerie Miller, Austin, TX Mark Warden, Georgetown, TX (Five additional nominees)
12	Mark Froehlich, P.E. Houston, TX John DeCell, Hockley, TX (Three nominations received)
13	One nomination received
14	One nominations received
15	Robert Evans, McAllen, TX (No additional nominees)
16	No nominations received

