

TAWWA/WEAT

SECOND QUARTER 2017

ISSUE 110

# SOUTH TEXAS CHAPTER

e-newsletter



## INVASIVE ZEBRA MUSSELS DISCOVERED IN LAKE TRAVIS

by TPWD News, [news@tpwd.texas.gov](mailto:news@tpwd.texas.gov)

### Upcoming Events

#### Young Professionals Intern Bowling Night

**Tuesday, August 8, 2017**

Time: **5:00 pm to 7:30 pm**

Place: **Bowl & Barrel**

**17619 La Cantera Pkwy, Ste. 102**

Contact: **Trevor Stokes,**  
[Trevor.Stokes@stantec.com](mailto:Trevor.Stokes@stantec.com)  
**Katie Tillison,**  
[KTillison@cpyi.com](mailto:KTillison@cpyi.com)

#### August Monthly Meeting

Date: **Thursday, August 10, 2017**

Time: **11:30 am to 1:00 pm**

Place: **SAWS HQ Tower II, CR-145**

Event Registration:

<https://www.eventbrite.com/e/aw-waweat-august-meeting-tickets-36499414732>

#### Water for People Golf Tournament

Date: **Friday, August 25, 2017**

Time: **7-7:40 am Breakfast & Registration**

Place: **Canyon Springs Golf Club**  
**24405 Wilderness Oak**

Contact: **Adam Conner,**  
[Adam.Conner@saws.org](mailto:Adam.Conner@saws.org)

Phone: **210-233-3452**

Zebra mussels have been positively identified for the first time in the Colorado River Basin in Central Texas, just weeks after biologists confirmed the aquatic invasive species had also spread to the Guadalupe River Basin.

Texas Parks and Wildlife Department (TPWD) and Lower Colorado River Authority (LCRA) biologists confirmed the presence of zebra mussels in Lake Travis June 22 after an observant staff member at a local marina reported the sighting of a single zebra mussel attached to the outboard motor of a moored boat on the lake.

On-site, biologists found the mussels attached to other nearby boats and on submerged marina infrastructure. Additionally, they found several size classes of adult and juvenile mussels at two different sites in the lake, indicating the lake is infested with an established, reproducing population.

This is pretty disheartening for us and our many partners, including marinas, who work to prevent this invasive species from spreading – “It’s two new river basins with infestations this year,” said Monica McGarrity, TPWD Aquatic Invasive Species team lead. “But we are very grateful to the marina staff for reporting the sighting, our partners

at Texas Invasives for relaying the report to us, and the LCRA for participating in a rapid response to investigate the report.”

Brian Van Zee, Inland Fisheries regional director, said the next step after discovering a new infestation is to educate the public and local marinas to help prevent the zebra mussels from spreading further to nearby lakes.

“Public awareness goes a long way in helping with the effort to prevent zebra mussels from spreading,” Van Zee said. “This is a battle we cannot give up on – the cost of these infestations is large and affects so many people. We have to keep up the fight and try to inform the public as much as possible about how they can protect their lakes from invasive species.”

The rapidly reproducing zebra mussels, originally from Eurasia, can have serious economic, environmental and recreational impacts on Texas reservoirs and rivers. Zebra mussels can cover shoreline rocks and litter beaches with treacherously sharp shells, clog public-water intakes, and damage boats and motors left in infested waters.

Lake Travis is a 19,297-acre LCRA-managed reservoir on the lower Colorado River located 20 miles northwest of Austin. McGarrity said while there is an inevitable risk of zebra mussel larvae dispersing downstream to Lake Austin and Lady Bird Lake, the more immediate risk is that zebra mussels could hitch a ride to these locations on recreational equipment traveling from Lake Travis or other infested lakes.

“Downstream dispersal depends on the number of larvae going downstream, the conditions they experience and the timing,” McGarrity said. “But a boat can take a ready-made colony to another lake at any time – so preventing the spread within these newly infested basins is still really important. The longer we can stave off new infestations the longer we can prevent potential recreational impacts or costly impacts to infrastructure.”

In Texas, it is unlawful to possess or transport zebra mussels, dead or alive. Boaters are required to drain all water from their boat and onboard receptacles before leaving or approaching a body of fresh water in order to prevent the transfer of zebra mussels. The requirement to drain applies to all types and sizes of boats whether powered or not: personal watercraft, sailboats, kayaks/canoes or any other vessel used on public waters.

“Cleaning, draining and drying really doesn’t take much time – it’s a few simple steps that boaters can take to prevent these infestations,” McGarrity said. “There are more than 1,500 boat ramps in Texas and we can’t be everywhere, so we have to rely on boaters, marinas and concerned citizens to help in this fight.”

McGarrity said the discovery and reporting of both new infestations by marina staff this year reinforces the important role marinas play as gate keepers that can help prevent boats with attached zebra mussels from entering their lakes.

“When we have boats coming into these marinas it’s essential the staff learn about the history of the boat and ask where it is coming from, if it has been on a lake that is infested with zebra mussels, or if it has been in another state

that has quagga mussels, which are literally knocking on our door,” McGarrity said. “We want marinas to inspect or work with TPWD to have boats inspected so we can prevent new infestations. We ask that they contact us whenever they have an incoming boat that’s of concern so that we can help evaluate the risks or assist with the inspection.”

Since zebra mussels were first found in Texas in 2009, 11 lakes in five river basins have been infested, meaning they have an established, reproducing population – Belton, Bridgeport, Canyon, Dean Gilbert (a 45-acre Community Fishing Lake in Sherman), Eagle Mountain, Lewisville, Randell, Ray Roberts, Stillhouse Hollow, Texoma and now Travis.

More information about zebra mussels can be found online at [tpwd.texas.gov/ZebraMussels](http://tpwd.texas.gov/ZebraMussels).

*As per the Texas Parks & Wildlife News Website: Permission is Granted to publish, in whole or in part, any news releases on this page. This article originally appeared at <http://tpwd.texas.gov/newsmedia/releases/?req=20170627a> .*

### MESSAGE FROM THE PRESIDENT

Thank you for providing me the honor to serve as president of the American Water Works Association (AWWA) South Texas Chapter. I will strive to serve our great organization by building on the foundation that our past officers and volunteers have established over the years. Over the past year Ron Emmons, president of the WEAT Chapter, and I have discussed various ideas on how we can maximize specific aspects of our organizations’ events. One significant event that we noted is that our Annual Scholarship Dinner Event has been so successful that we have outgrown our prior venue. Together we identified and visited various larger possible venues where we could host the dinner and provide room for additional tables. We identified the Pearl Stable as the ideal venue for our next Scholarship Dinner and the best location which allows for growth years to come. I look forward to seeing all of you at our next Annual Scholarship Dinner to be held at the Pearl Stable on the evening of November 30th, 2017.

TAWWA and WEAT have a great lineup of lunch meeting topics, educational events, networking events and charity events lined up for the next year. The Annual Water for People Golf Tournament is right around the corner and as always is shaping up to be a great success and is nearly sold out. We will have all of the regular events that our members look forward to every year and we look forward to possibly starting a new annual summer event focusing on reaching out to interns. We plan to have a YP social event geared primarily for interns to join us where they can receive a warm welcome from our regular members and get to know a little more about TAWWA and WEAT and consider joining our organizations. Please get the word out once the event is set by encouraging interns at your companies and organizations to attend.

I look forward to serving as your president and I welcome any ideas or suggestions that anyone may have on how we can continue to make our organization great!

Yours Truly,  
Jaime Kypuros, P.E.  
President, AWWA South Texas Chapter

On June 23, 2017, SAWS Hosted the 7<sup>th</sup> Annual TAWWA/WEAT Summer Seminar, Emerging Issues in the Water/Wastewater Industry. This year's seminar consisted of eight speakers who presented on a variety of topics in water/wastewater infrastructure that they are knowledgeable about from their professional experience.



HDR's Stan Williams presents on maximizing the efficiency of wastewater treatment plants in design.

Thank you to the Summer Seminar Program Planning Committee, Presenters, and Sponsors for making the event a success!

# Summer Seminar

## Emerging Issues in the Water/Wastewater Industry

June 23, 2017

9 AM to 4 PM

San Antonio Water System  
Tower II, 1st Floor  
2800 US Hwy 281 North



### Program Planning Committee

Steven Renneker, PE; (Co-Chair)  
Joshua Milks, EIT; CP&Y (Co-Chair)  
Joel Valdez, PE; CP&Y, Inc.  
Marisa Vergara, PE; CP&Y, Inc.  
Jana Cezeaux; CDM Smith  
Damien Bernal; CH2M  
Jonathan Vorheis, PE; CH2M  
Ron Emmons, PE; Fair Oaks Ranch  
David Bennett, PE; Freese and Nichols, Inc.  
Robert Jenkins, PE; Freese and Nichols, Inc.  
Rosa Valdez, PE; Garza EMC, LLC  
Bridget DeLeon; Grubb Engineering  
Jason Perez; Grubb Engineering




Cale Underberg, PE; HDR, Inc.  
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Rikki Anderson, PE; Maestas & Associates, Inc.  
Mary Portillo, PE; Stantec  
Amy Middleton, PE; San Antonio River Authority  
Melissa Bryant, PE; San Antonio River Authority  
Adam Conner, PMP; San Antonio Water System  
Alissa Lockett, PE; San Antonio Water System  
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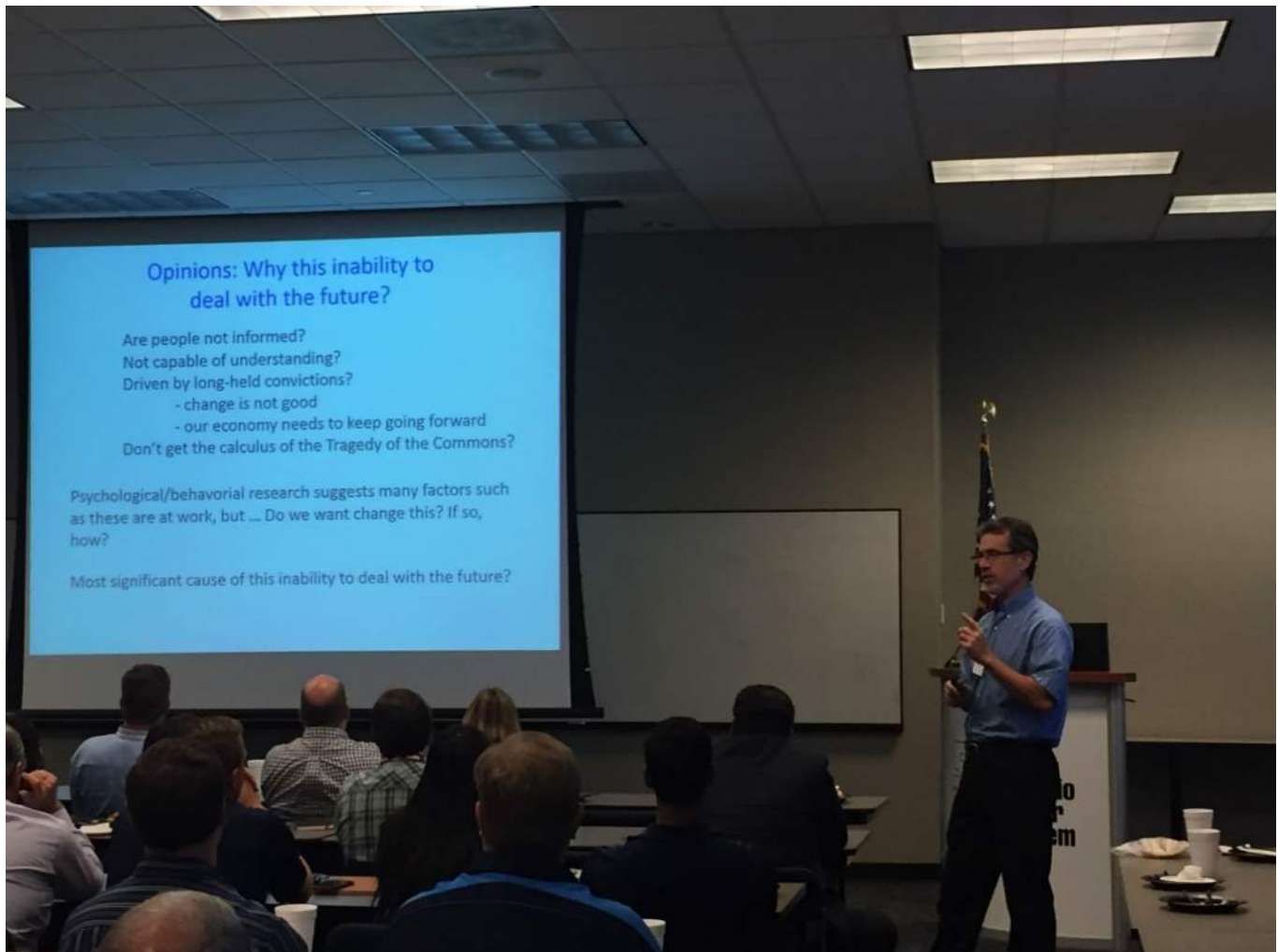
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**SPECIAL THANKS TO OUR APRIL SPEAKER & SPONSOR****Topic: Smart Meter Systems****Sponsor: Kiewit****Speaker: Chris Phillips (HydroPro Solutions)****SPECIAL THANKS TO OUR MAY SPEAKER & SPONSOR****Topic: Low Impact Development****Sponsor: Riverside Securities****Speakers: Jake Aalfs (SARA)****SPECIAL THANKS TO OUR JUNE SPEAKER & SPONSOR****Topic: Climate Change Impacts****Sponsor: MWH Global-now Stantec****Speaker: Dr. Jay Banner (The University of Texas at Austin)**

SPECIAL THANKS TO OUR JULY SPEAKER & SPONSOR

**Topic: Dos Rios Update**

**Sponsor: Pape-Dawson**

**Speaker: Gregg Eckhardt (SAWS)**



# Be a part of the **Water Conversation**

View the Draft 2017  
Water Management Plan  
at **WaterCitySA.com**

Submit feedback to:  
**wmp-input@saws.org**  
by  
**August 15**



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# **TAWWA/WEAT Young Professionals Intern Bowling Night**

**Date: August 8th, 2017**

**Time: 5:00-7:30pm**

**Bowl & Barrel  
17619 La Cantera Pkwy Ste 102  
San Antonio, TX 78257**

**Looking for Sponsors!**

Interns and YPs, join us for bowling and snacks at Bowl & Barrel before you go back to school! Hope to see you there. If you have any questions or would like to help sponsor the event please contact Trevor Stokes (Trevor.Stokes@stantec.com) or Katie Tillison (KTillison@cpyi.com)



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# Sweat for a Cause!

## MGC Water for People 9th Annual Charity Golf Tournament

**Friday, August 25, 2017**  
**Canyon Springs Golf Club**  
**San Antonio, TX**

**Registration Open**

[www.tawwa.org/event/wfpgolf2017](http://www.tawwa.org/event/wfpgolf2017)

Still Accepting Sponsors



Sponsorship Opportunities are available, including the upcoming Scholarship Dinner on November 30<sup>th</sup>! Go to the website to sign up:

<http://www.tawwa.org/events/EventDetails.aspx?id=913580&group=116009> .



The screenshot shows the Texas AWWA website interface. At the top, there is a navigation bar with links for "Print Page", "Contact Us", "Sign In", and "Register". Below this is the Texas AWWA logo, which includes a map of Texas with a water drop icon and the text "Texas AWWA American Water Works Association". A secondary navigation bar contains links for "HOME", "ABOUT US", "TXWATER", "TXWARN", and "AWWA". The main content area features a header for "South Texas Chapter Sponsorship Opportunities 2017" and a "REGISTER" button. Below the button, it specifies the dates "1/9/2017 to 12/31/2017" and notes that "Online registration is available until: 12/30/2017". It also lists "When: Ongoing events throughout the year" and "Where: United States". A link at the bottom of the section reads "« Go to Upcoming Event List".

## 2017 AWWA/WEAT Scholarship Applications

Scholarships will be awarded to local students with interest in Water related studies.



WEAT:

[www.weat.org/SanAntonio](http://www.weat.org/SanAntonio)

The deadline for submission will be:

**September 18, 2017**



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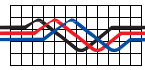
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# Sudoku

					1	2	3	
1	2	3			8		4	
8		4			7	6	5	
7	6	5						
						1	2	3
	1	2	3			8		4
	8		4			7	6	5
	7	6	5					

The rules of the game: each of the nine blocks has to contain all the numbers 1-9 within its squares. Each number can only appear once in a row, column or box.

Sources: <http://gameshacksfree.com/free-sudoku-printable/> & <http://printablesudoku.blogspot.com>

## Local TAWWA/WEAT Contacts

### TAWWA, South Texas Chapter Officers

Office	Name	Day Phone	E-Mail
<b>President</b>	Jaime Kypuros, P.E.	210-299-7916	<a href="mailto:jaime.kypuros@tetrattech.com">jaime.kypuros@tetrattech.com</a>
<b>Past President</b>	Rikki Anderson, P.E.	210-366-1988	<a href="mailto:randerson@maesce.com">randerson@maesce.com</a>
<b>Vice President</b>	Ann Peche, P.E.	210-233-3891	<a href="mailto:ann.peche@saws.org">ann.peche@saws.org</a>
<b>Secretary</b>	Amy Shoebbotham, E.I.T.	210-841-2888	<a href="mailto:amy.shoebbotham@hdrinc.com">amy.shoebbotham@hdrinc.com</a>
<b>Treasurer</b>	Mary Portillo, P.E.	210-308-4702	<a href="mailto:mary.portillo@stantec.com">mary.portillo@stantec.com</a>
<b>Trustee</b>	Greg Swoboda, P.E.	210-268-4707	<a href="mailto:Gtswodoba@garverusa.com">Gtswodoba@garverusa.com</a>
<b>State Alternative Water Supplies Committee Chair</b>	Melissa Bryant, P.E.	210-302-3611	<a href="mailto:mbryant@sara-tx.org">mbryant@sara-tx.org</a>
<b>Communications Chair</b>	Alissa Lockett, P.E.	210-233-3401	<a href="mailto:alockett@saws.org">alockett@saws.org</a>
<b>Scholarship Chair</b>	Vicente Garza, P.E.	210-333-3596	<a href="mailto:vgarza@saws.org">vgarza@saws.org</a>
<b>Water for People Chair</b>	Jonathan Vorheis, P.E.	210-321-6256	<a href="mailto:jonathan.vorheis@CH2M.com">jonathan.vorheis@CH2M.com</a>
<b>Water for People Coordinator</b>	Adam Conner	210-233-3452	<a href="mailto:adam.conner@saws.org">adam.conner@saws.org</a>
<b>YP Representative</b>	Estella Cota, E.I.T.	210-298-3809	<a href="mailto:Estella.Cota@freese.com">Estella.Cota@freese.com</a>
<b>YP Representative</b>	Trevor Stokes, E.I.T.	210-308-4704	<a href="mailto:trevor.stokes@stantec.com">trevor.stokes@stantec.com</a>

### WEAT, San Antonio Section Officers

Office	Name	Day Phone	E-Mail
<b>President</b>	Ron Emmons, P.E.	210-698-0900	<a href="mailto:remmons@fairoaksranchtx.org">remmons@fairoaksranchtx.org</a>
<b>Past President</b>	Mehmet Boz, P.E.	210-544-5744	<a href="mailto:mehmet.boz@kci.com">mehmet.boz@kci.com</a>
<b>Vice President</b>	Jeff Farnsworth, P.E.	210-321-3429	<a href="mailto:jeff.farnsworth@kimley-horn.com">jeff.farnsworth@kimley-horn.com</a>
<b>Secretary</b>	Josh Milks, P.E.	210-441-0160	<a href="mailto:jmilks@cpyi.com">jmilks@cpyi.com</a>
<b>Treasurer</b>	Kendall NeSmith, P.E.	210-321-3417	<a href="mailto:kendall.nesmith@kimley-horn.com">kendall.nesmith@kimley-horn.com</a>
<b>Section Representative</b>	Heather Lindner, P.E.	210-841-2826	<a href="mailto:heather.lindner@hdrinc.com">heather.lindner@hdrinc.com</a>
<b>Local Scholarship Chair</b>	Dennis Laskowski, P.E.	210-233-3682	<a href="mailto:dennis.laskowski@saws.org">dennis.laskowski@saws.org</a>
<b>State Scholarship Chair</b>	Ryan Sowa, P.E.	210-321-3414	<a href="mailto:ryan.sowa@kimley-horn.com">ryan.sowa@kimley-horn.com</a>
<b>Education Outreach Chair</b>	Rosa Valdez	210-849-6064	<a href="mailto:rvaldez@garzaemc.com">rvaldez@garzaemc.com</a>
<b>YP Representative</b>	Katie Tillison	210-494-8004	<a href="mailto:ktillison@cpyi.com">ktillison@cpyi.com</a>



## 2017 Meetings and Events

Date	Event	Event Host	Location
August 8, 2017	Young Professionals Intern Bowling Night	TAWWA/WEAT	Bowl & Barrel, 17619 La Cantera Pkwy Ste. 102, San Antonio
August 10, 2017	Monthly Meeting	TAWWA	2800 Stadium Dr, San Antonio
August 25, 2017	Water for People Golf Tournament	Water for People	Canyon Springs Golf Club, 24405 Wilderness Oak, San Antonio
September 21, 2017	Monthly Meeting	WEAT	2800 Stadium Dr, San Antonio



Want to be taken off the email list or change your contact info?

Please e-mail

Amy Shoebottom at [amy.shoebottom@hdrinc.com](mailto:amy.shoebottom@hdrinc.com) or

Josh Milks at [jmilks@cpyi.com](mailto:jmilks@cpyi.com).

## Sudoku Solution

6	5	7	9	4	1	2	3	8
1	2	3	6	5	8	9	4	7
8	9	4	2	3	7	6	5	1
7	6	5	1	2	3	4	8	9
2	3	1	8	9	4	5	7	6
9	4	8	7	6	5	1	2	3
5	1	2	3	7	6	8	9	4
3	8	9	4	1	2	7	6	5
4	7	6	5	8	9	3	1	2

### CALLING ALL YOUNG PROFESSIONALS!

In an attempt to better serve the Young Professional (YP) members, we are asking that all members under the age of 35, or less than 10 years in the industry, please e-mail Trevor Stokes at:

[Trevor.Stokes@Stantec.com](mailto:Trevor.Stokes@Stantec.com) with their name, e-mail, and phone number.

If there are others in your offices who are not yet TAWWA or WEAT members, but might also be interested in participating in YP events and functions, please pass this request on to them!