



MEMORANDUM

Larry N. Patterson

TO: Board of Directors
FROM: Larry N. Patterson, Executive Director
DATE: September 28, 2018
SUBJECT: Board of Directors Meeting - - October 4, 2018

Meeting Place: Upper Trinity Regional Water District
Board Meeting Room
900 N. Kealy
Lewisville, TX 75057

Date: Thursday, October 4, 2018

Board Meeting: 12:30 P.M.

Notice: For the required quorum, your presence is very important. However, if you cannot attend, please contact Nancy Tam by email: ntam@utrwd.com or by telephone at 214-538-8602, as soon as possible.

A WORD FROM THE PRESIDENT.

WOW! What a difference a few days of rain can make in lake levels. Lewisville and Ray Roberts Lakes are both more than 2.0 feet above the conservation pool and Chapman Lake has risen about 2.5 feet and is still going up. Considering all sources, the District's water supply storage now stands at 99.6 % of full capacity.

Of course with all this heavy rainfall, wastewater systems often can be stressed due to Infiltration and Inflow (I/I) of excess water entering members and customers collecting systems. While this did occur during the recent rainstorms, District staff successfully treated all wastewater received at the water reclamation plants. This did require some extra effort and long nights for the District's operators and maintenance team. A big thanks to the team for going the extra mile to make this happen!

Last month, the Board adopted budgets for the new Fiscal Year that starts October 1. It is quite a budget (totaling \$127 million) - - and its successful implementation will challenge the Upper Trinity Staff and Board over the next twelve months. Working together, we can get it done, and fully meet the sensitive needs of our members and customers.

A Big Milestone!! The United States Army Corps of Engineers (USACE) has informed the District of their intent to issue notice of a Public Meeting to release the Draft Environmental Impact Statement for proposed Lake Ralph Hall. The meeting is scheduled for October 25th in Ladonia, Texas. More information will be provided as issued by USACE. This long awaited action is the result of a tremendous effort by the District staff and unwavering Board support for development of an adequate long-term water supply. Thanks to everyone involved.

Finally, I surely missed being with fellow Board Members at the September meeting. I heard that Rich did a great job running the meeting. Thanks Rich. I look forward to being back this month.

See you at next Thursday's meeting.

- - Kevin Mercer, President

INFORMATIONAL ITEMS

Northeast Water Reclamation System News. This past week, Moody's Investor Services performed an "annual surveillance" of the Northeast Water Reclamation System. As a result of this review they upgraded the investment rating of the System from Baa1 to A3.

This is great news as the system is still relatively young compared to the Regional Treated Water System and the Lakeview Water Reclamation System. These two more established systems are rated A2 in comparison.

This is a result of continued sound financial planning, annual rate adjustments, future potential for growth, improved ratings for the system participants and a tenured strong management team.

Corinth Receives Prestigious Accreditation. The City of Corinth Public Works Department has been awarded the prestigious American Public Works Association (APWA) Accreditation designation. The APWA Accreditation program recognizes public works agencies that go beyond the requirements of the management practices established nationally in the public works industry. Corinth becomes the 144th agency in North America and the 11th in the State of Texas to be awarded such Accreditation. Bob Hart, congrats to you, your staff and the City! Enclosed is an article about Corinth's accreditation.

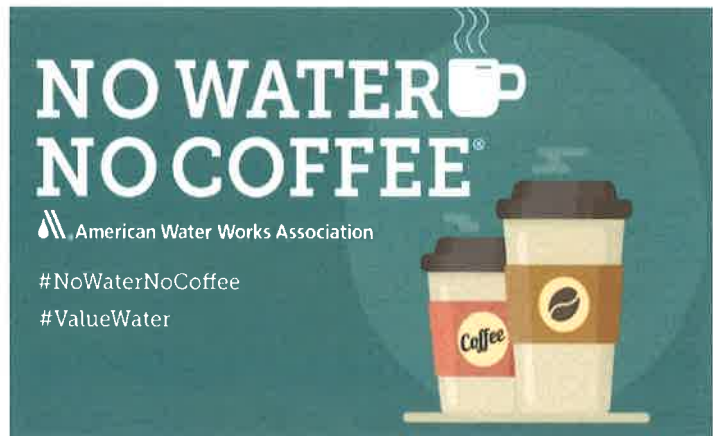
Zebra Mussels Found in Austin's Water Intake. The City of Austin recently discovered zebra mussels clinging to filter screens in the City's water intake pipes on Lake Travis. The discovery comes just over a year after the Texas Parks and Wildlife Department (TPWD) classified Lake Travis as "infested." The District is fortunate not to have significant issues with zebra mussels at its joint intake on Lake Lewisville - - primarily because of the cathodic protection on the intake and routine inspections. Divers will again inspect the intake structure this spring. In addition, the District is a sponsor of TPWD's annual zebra mussel public outreach program. Enclosed is an article about the City of Austin's discovery of zebra mussels at its intake.

Two Cities Adopt the Greenbelt Plan. The Town of Flower Mound and the City of Corinth recently adopted the Denton County Greenbelt Plan - - in support of the Plan's vision and to encourage other communities to also consider adopting the Plan. Flower Mound and Corinth join six other entities who have adopted the Plan, including the City of Aubrey, Town of Double Oak, Town of Hickory Creek, City of Justin, Lake Cities Municipal Utility Authority, and the City of Pilot Point. If you have any questions or would like a presentation, please call Jason Pierce at 972-219-1228.

Upper Trinity Symposium. Upper Trinity Conservation Trust hosted the 2018 Upper Trinity Symposium on September 21 at the Bentley Station in Lake Dallas. Over 50 participants attended the event to learn more about the Denton County Greenbelt Plan, and strategies identified to preserve and protect greenbelt areas and water quality. Anthony Kendrick with Construction EcoServices discussed how low impact development (LID) practices can help manage stormwater, and the economic benefits for developers and cities who implement LID practices. Deborah Viera with the City of Denton discussed how cities can use different planning strategies to preserve greenbelts and encourage the implementation of LID practices. During his keynote speech, Dr. Robert Mace, Deputy Executive Director at The Meadows Center for Water and the Environment, discussed the importance of land conservation to mitigate flood risk and enhance quality of life for residents. Presentations from the Symposium can be viewed at <http://utct.org/events.html>.



Imagine a Day Without Water. On October 10, the U.S. Water Alliance is hosting its 4th annual “Imagine a Day Without Water.” As part of its Value of Water campaign, “Imagine a Day Without Water” is a national education and advocacy campaign to engage the public on the value of water resources and infrastructure in our everyday lives. The District will be promoting “Imagine a Day Without Water” on Facebook and Twitter; feel free to share on your entity’s own social media channels too. The U.S. Water Alliance has resources available online to use, such as press release templates and social media graphics. These resources can be found at <http://imagineadaywithoutwater.org/>. If you have any questions, please call Jason Pierce at 972-219-1228.



BOARD MEETING

Enclosed is the agenda for the October 4, 2018 Board Meeting, and the Data Sheets for action items and other related information. Please contact me or the appropriate staff person if you have any questions.



CITY OF CORINTH

Corinth News Releases

Posted on: September 24, 2018

CORINTH ACHIEVES APWA ACCREDITATION STATUS



The City of Corinth Public Works Department has been awarded the prestigious American Public Works Association (APWA) Accreditation designation. The APWA Accreditation program recognizes public works agencies that go beyond the requirements of the management practices established nationally in the public works industry, as contained in the APWA Public Works Management Practices Manual. The City of Corinth initially applied for Accreditation in February 2018

Public Works Director Cody Collier and Recreation and Special Projects Manager Melissa Dolan received the Accreditation award from APWA Accreditation Council Member and Rowlett Public Works Director, Shawn Poe, at a presentation ceremony during the Corinth City Council meeting on September 20, 2018. "On behalf of the Public Works Department, I am so pleased that we have been awarded this outstanding accreditation," stated Collier. "The process of acquiring accreditation from the APWA was challenging, yet worth every minute. I would like to thank the other city departments for their incredible support as we relied heavily upon the departments to contribute and assist us with many of the practices."

The Accreditation of the City's Public Works Department indicates the Department met all applicable Accreditation documentation and practices over time. "I could not be more pleased with the work the Public Works Department does every day and this accreditation only goes to show their dedication to providing the highest levels of service and professionalism to the citizens of Corinth," said City Manager Bob Hart.

The City of Corinth Public Works Department becomes the 144th agency in North America to be awarded Accreditation and the 11th agency in the State of Texas. In addition to Corinth, the accredited agencies in Texas include Austin, Houston, Plano, Arlington, College Station, Little Elm, University Park, Fort Worth, Flower Mound and Rowlett.

AUSTIN

Zebra mussels found in water utility intake pipes



U.S. Department of Agriculture

Razor-sharp zebra mussels earlier this year were found to have infested 14 bodies of water and five river basins in Texas — including Lake Austin and Lake Georgetown. Seven more either tested positive or were suspected of containing zebra mussels.

Invasive species poses costly threat as it clings to filter screens

Clusters of invasive zebra mussels have been found clinging to filtering screens in Austin's water utility intake pipes on Lake Travis.

Divers made the discovery Sept. 7 while inspecting the screens at the Handcox Water Treatment Plant on Lake Travis. The plant uses three intakes — set one above the other at different depths — to bring in water.

At the beginning of the month, divers went down to make a routine intake switch. The intakes are opened or closed depending on lake water levels.

In the first intake, the divers saw that almost half of one screen was covered with mussels. Then, more than 20 percent of a second screen was covered, said Mehrdad Morabbi, Austin Water's treatment operations manager.

The screens are octagonal and measure roughly 24 feet by 30 feet, he said.

Divers used a pressure washer to clear out the lower intake screen and began work on the top intake, which Morabbi said usually does the brunt of the work at the facility. However, time constraints only allowed them to remove roughly 50 percent of the mussels on that intake.

Divers will have to come back in the winter to finish the job.

Morabbi said Austin Water completely shuts down its intakes while divers are working, so they have to wait until water demand is lower.

The discovery comes more than a year after the critters appeared in Lake Travis, and about seven months after Texas Parks and Wildlife Department officials first spotted the larvae of the razor-sharp mussels in Lady Bird Lake.

Earlier this year, 14 bodies of water and five river basins in

Texas — including Lake Austin and Lake Georgetown — were found to be infested with zebra mussels. Seven more either tested positive or were suspected of containing zebra mussels.

In other parts of the country, infestations have led to millions — in some cases, billions — of dollars in damage to infrastructure.

A 2009 report from the Aquatic Nuisance Species Task Force found that zebra mussels cost the power industry \$3.1 billion through much of the 1990s by clogging pipes in the Great Lakes.

Authorities are considering chemical options to treat the water for mussels, but any change in treatment has to be approved by the state.

The Handcox facility is one of three Austin Water treatment facilities. The mussels likely have started to swarm intake pipes at the two other facilities on Lake Austin as well.

Mark Wilson,
Austin American-Statesman