From: Daniel Nix
Sent: Tue, 11 Aug 2015 14:01:24 -0500
To: Watts, Michael J.
Subject: Re: FW: Press Release for WateReuse Texas Project

Michael,

Is this the work that David Sloan with Freese and Nichols came up to perform with the pilot UV system.

On Tue, Aug 11, 2015 at 1:30 PM, Watts, Michael J. <MJWatts@garverusa.com> wrote:

Daniel –

Let me know if Wichita Falls has any concerns with the press release below. I believe we are still waiting for an OK from you guys before it is released.

Thanks,

Mike

Michael J. Watts, PhD, PE
Garver
214-619-9052

From: Watts, Michael J.
Sent: Thursday, July 16, 2015 8:14 AM
To: Daniel Nix
Subject: Press Release for WateReuse Texas Project

Hi Daniel –

I don't recall if we discussed this already, but our marketing team has prepared the following press release related to the UV AOP pilot study at Cypress. Let me know if you have any comments or concerns. I will ask the team to wait for your approval before releasing it to regional media.

Thanks again,

Mike

WateReuse Texas Awards Garver Water Research Grant

FRISCO, Texas — June 17, 2015 — WateReuse Texas has awarded Garver a $50,000 grant to further research advanced oxidation processes for potable water reuse.

"Water-scarcity and drought-resiliency are major drivers for increased potable reuse. Major obstacles to increased acceptance of potable reuse include residual contaminants of emerging concern in advanced wastewater effluents," said Dr. Michael Watts, senior process engineer at Garver. "This study will explore new, cost-effective, advanced oxidation solutions to improve the quality of these alternative water supplies."

The six-month study, entitled "Optimizing selection of filtration pretreatment and chemical oxidant for UV advanced oxidation of potable reuse waters," will begin in July. During that time, Garver and its partners will compare the efficiency of removing contaminants of emerging concern from sampled membrane permeate and conventional media-filtered effluents with a UV Advanced Oxidation pilot reactor to be located at the Cypress Water Treatment Plant in Wichita Falls, Texas. Wichita Falls is currently permitted to treat River Road WWTP secondary effluent for direct potable reuse (5 million gallons per day) with an advanced separation system consisting of series microfiltration and reverse osmosis membranes. For comparison purposes, conventional media-filtered effluents will also be sampled from the nearby Lawton WWTP in Lawton, Oklahoma.

"This type of research will provide meaningful data to help communities and regulatory agencies determine the health and safety of potable reuse water supply alternatives", said Michael Graves, vice president at Garver and chairman of the ODEQ Water Quality Standards Reuse Committee.

About WateReuse Texas

The Texas Section of the WateReuse Association was formed in 2005 to support the ever-increasing focus on water recycling to supplement and diversify the water supplies in Texas. Members of the Texas Section include recycled water purveyors, recycled water customers, regulatory agencies, engineering consulting firms, and equipment vendors. More information can be found at www.watereuse.org/sections/texas.

About Garver

Founded in 1919, Garver is a multi-disciplined engineering, planning, and environmental services firm. With nearly 400 employees spread between 16 offices, Garver offers a wide range of services through its 10 service divisions—Transportation, Aviation, Water, Federal, Facilities Design, Power, Development, Construction, AssetMax, and Survey. For more information, visit www.GarverUSA.com.

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Water Technology Leader
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Those who have the privilege to know have the duty to act. ~Albert Einstein