



**HARRIS COUNTY
MUNICIPAL UTILITY DISTRICT NO. 238**
HCMUD238.COM

2019 DISTRICT UPDATE

DISTRICT FACTS

- **District has 2569 tap connections**
- **Water Plant No. 1**
 - Barkers Ridge – constructed 1982
- **Water Plant No. 2**
 - Lake Ridge – constructed 2005
- **Sewer Treatment Plant:**
 - 1982, original construction
 - 2009, expansion
 - Increased capacity
 - from 350,000 GPD to 825,000 GPD
 - 1,150 to 2,750 connections
- **3 Lift Stations:**
Barkers Ridge, Lake Ridge, Barkers Crossing
- **West Harris County Regional Water Authority (WHCRWA)
Surface Water Connection**
– Water Plant No. 1 - Completed in 2010



WHCRWA Surface Water Interconnect at
Water Well No. 1 in Barkers Ridge Subdivision

DISTRICT FACTS

- **Established in 1982**
- **Subdivisions served:**
 - Barkers Ridge Place
 - Barkers Ridge Estates
 - Barkers Ridge Park
 - Barkers Ridge Village
 - Oak Ridge Place
 - Lake Ridge
 - Barkers Crossing
- **Managed by five directors**
- serving four year terms

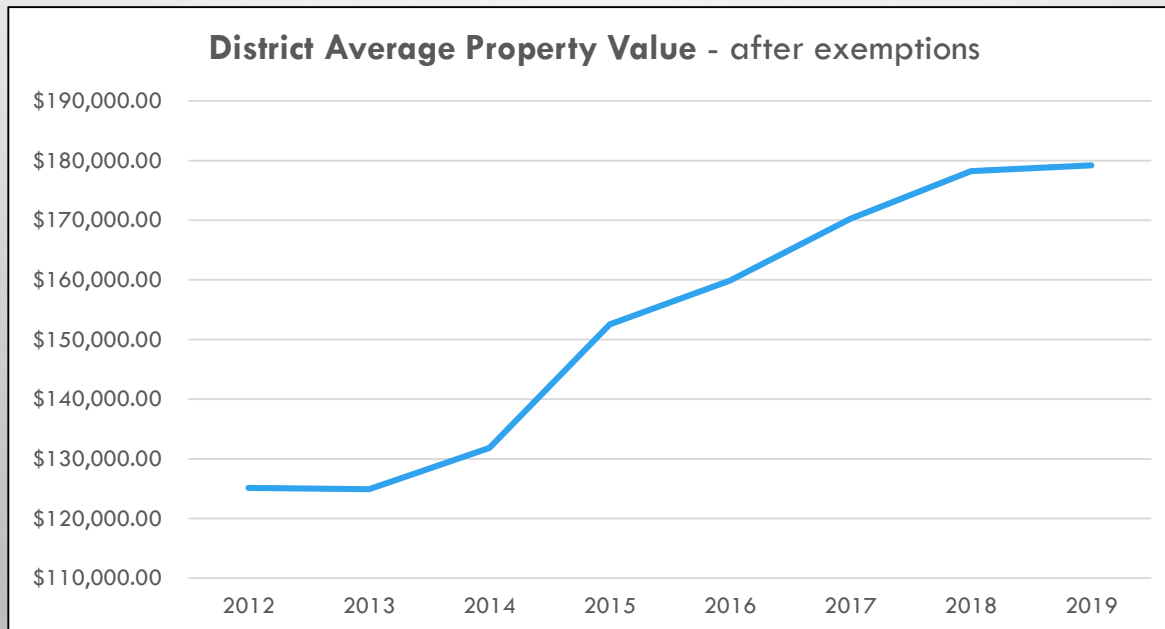
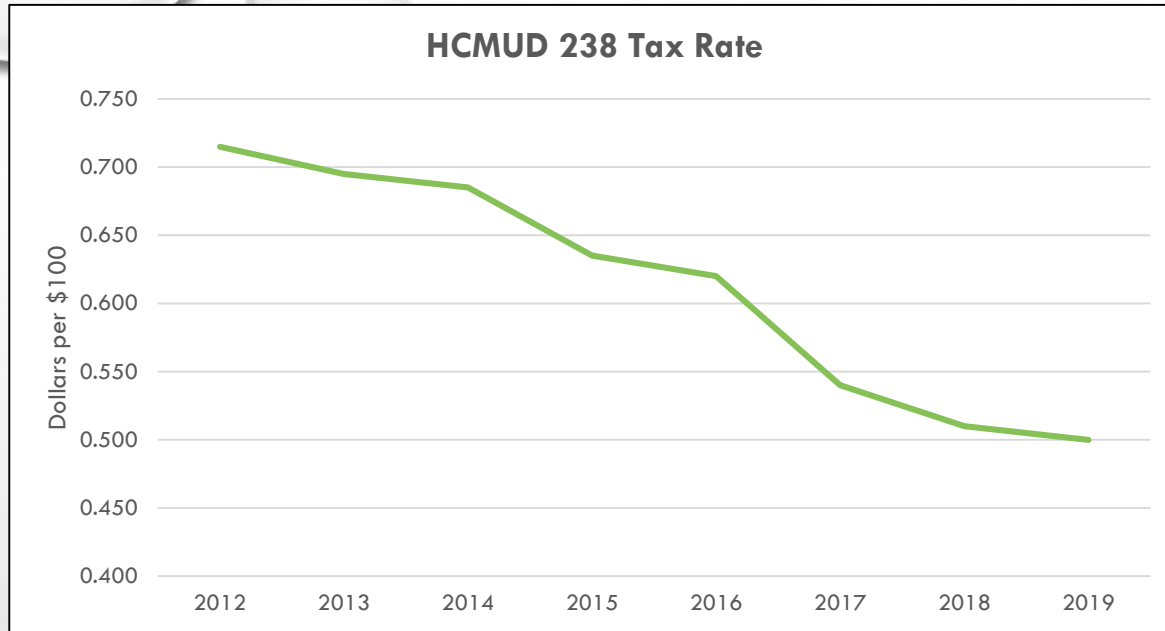


Water Plant No. 2 in Lake Ridge Subdivision

Harris County Municipal Utility District 238 Board of Directors

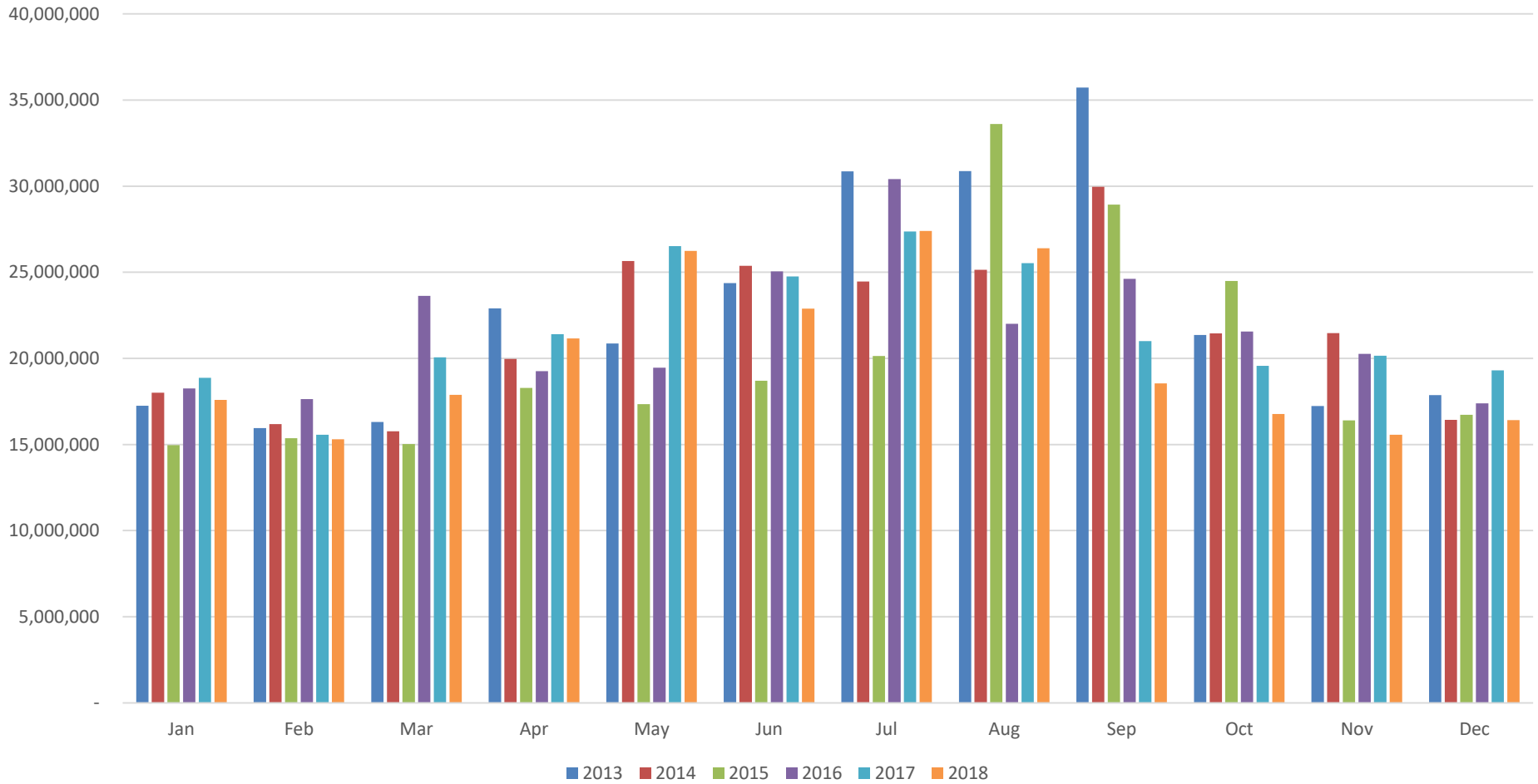
Randy Love	President	Term expires May 2020
Gary Nelson	Vice President	Term expires May 2020
C.L. 'Steve' Crane	Secretary	Term expires May 2022
Gary Tober	Asst. Secretary	Term expires May 2022
Ron Julun	Director	Term expires May 2022

DISTRICT FACTS



DISTRICT FACTS

Total Distributed Water



DIRECTOR'S DUTIES

- **Coordinate** the development and construction of water, sewer and drainage facilities.
- **Oversee** ongoing operations and maintenance.
- **Manage** the collection, investment and expenditure of tax revenues.
- Ensure **compliance** with environmental, accounting, investment and other regulatory requirements.
- **Enforce** the District's rate order.
- Satisfy **obligations** related to the Open Meetings and Public Information Acts.
- Observe the highest **ethical** standards in all business operations.
- **Work** with other governmental agencies (National, State, County, City, etc.) on projects that benefit the residents.
- **Interface** with the Media on District issues.

ACCOMPLISHMENTS

Tax Burden Reduced for 2019

- **Reduced MUD taxes**
from \$.74/\$100 in 2012 to \$.50/\$100 value in 2019.
- **Maintained MUD Homestead Exemption of 10% .**
Over 65 exemption is \$3000
Disabled exemption is \$3000

ACCOMPLISHMENTS

- **2018** – Proactive direction of the Board helps prevent any property damage from flood waters.
 - Work with the Corps of Engineers to clear access to Mayde Creek
 - Instituted an aggressive silt clearance program to improve flood water flow out of the District.
- **2018-19 – Silt Mitigation**
 - Continue to monitor silting in the detention ponds to improve flood control
 - Working with the landfill north of the district to reduce silt from their property.
- **2018** - Bi-annual fire hydrant testing and maintenance program. Oak Ridge and Barker's Ridge.
- **2018-19 – Isolation Valve Project**
 - Locate and repair all District water supply isolation valves
 - Goal is to reduce impact on residents in the event of a water main leak/break.

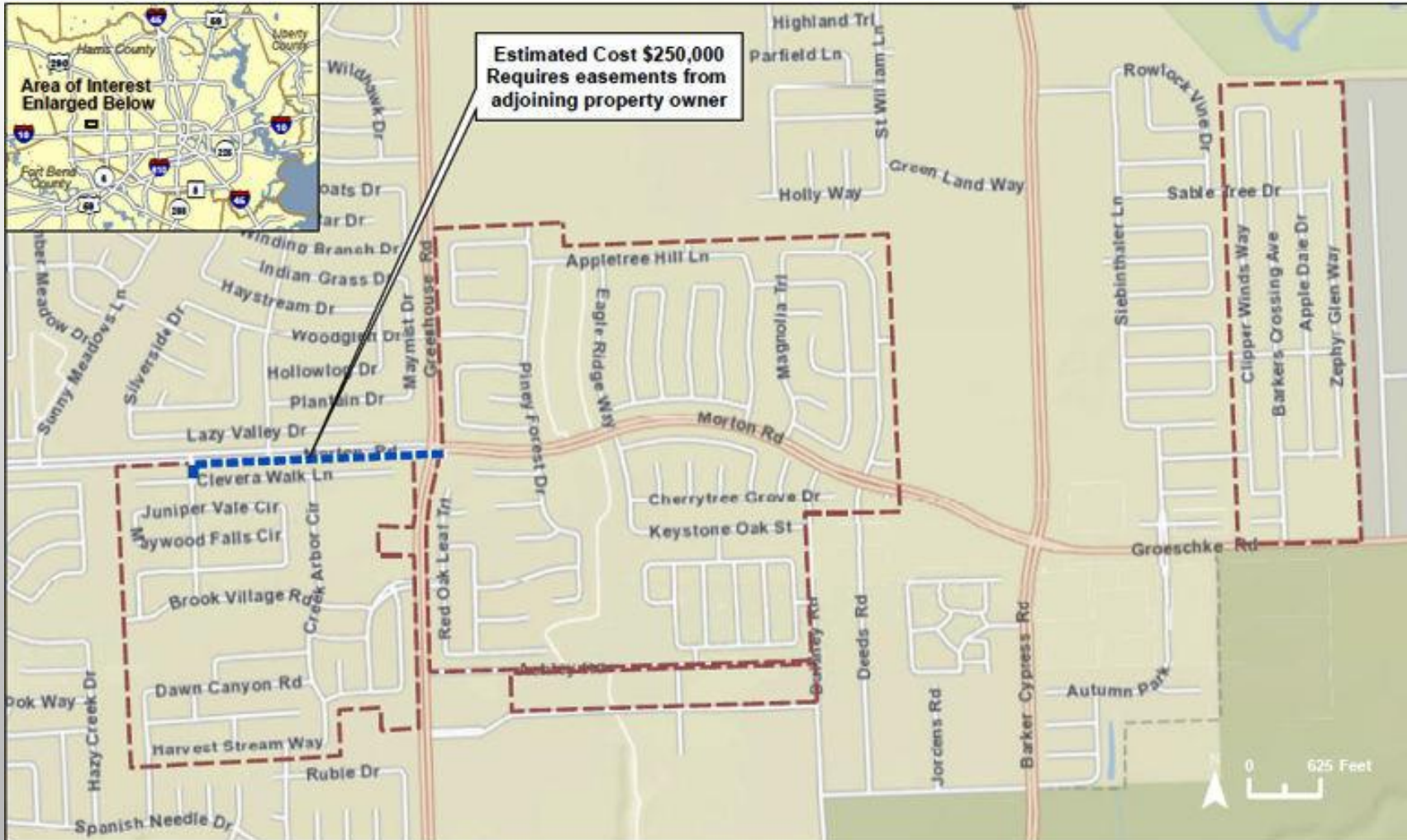
ACCOMPLISHMENTS

- **2018 – Wireless meter reading** implemented.
 - Improved meter reading accuracy
 - Instant customer access to usage data
 - Customer configurable alerts to personal devices
 - Automatic leak detection
 - Enhanced reporting for facility tracking and water usage
- **2018** - Created 'loop' along Dulaney for redundant supply and better water quality.
- **2018** – Added an underground drain for better water management from the Hydro Tank at WP 1.
- **2019** – Will retire bonds from 2010 and 2014 worth \$5.8 Million.



ENGINEERING PROJECTS

- **2019** – Morton Road Water Line Extension.
 - Improved water quality
 - Redundant supply capability



OTHER DISTRICT PROJECTS

- **2018** – Rip-Rap placed on water inlets to detention ponds to reduce sand/dirt incursion into storm system.
- **2019** - Bi-annual fire hydrant testing and maintenance program. Barker's Crossing and Lake Ridge.
- **2019** – Groundwater radiation removal project
 - Ion Exchange systems will be installed at WP 1 & 2 (pending TCEQ approval)
- **2019** – Water Plant 2 facility rehab
- Add 2nd major trunk redundant trunk line connecting Water Plant 1 and Water Plant 2.
- 25-year sewer line televising program – in progress.
 - Barkers Ridge and Oak Ridge are complete.
- 50-year water and sewer line replacement program.

SURFACE WATER

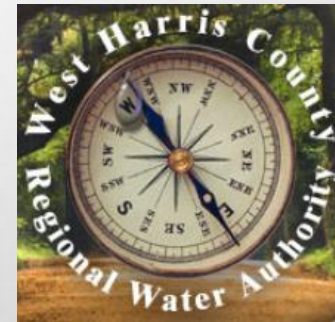
By 2030 a 30-60% population increase is projected, resulting in a 40-60% water demand increase.

If nothing is done, subsidence is estimated to be an additional 5' by 2030, which will significantly increase drainage and flooding problems in our area.

For these reasons the West Harris County Regional Water Authority (WHCRWA) was created in 2001 by the Texas Legislature.

Your representative contacts are:

- Dwayne Bohac – TXRep138 – 713-460-2800
- Joan Huffman – TXSen17 – 713-662-3821
- Steve Radack – CommPrecint3 – 713-755-6306



Their main purpose is to facilitate and manage conversion from groundwater (wells) to surface water (lakes & rivers) to prevent further lowering of aquifers and the associated subsidence.

SURFACE WATER

WHCRWA contracts with the City of Houston to purchase surface water. WHCRWA resells the water to MUDs located in the western portion of Harris County.

WHCRWA fees pay for bonds used to construct infrastructure needed to deliver surface water. Current State requirements are:

- 2010 – 30% Residents Using Surface Water
- 2025 – 60% Residents Using Surface Water

The Rates charged by WHCRWA are controlled and mandated by the State.

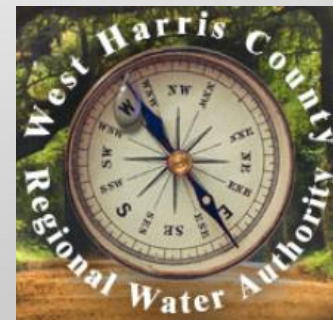
Currently there are 120 Water Districts that are members of the WHCRWA.

The WHCRWA fee pays for infrastructure to provide surface water (piping, construction, bonds, easements, etc.)

For more information on WHCRWA:

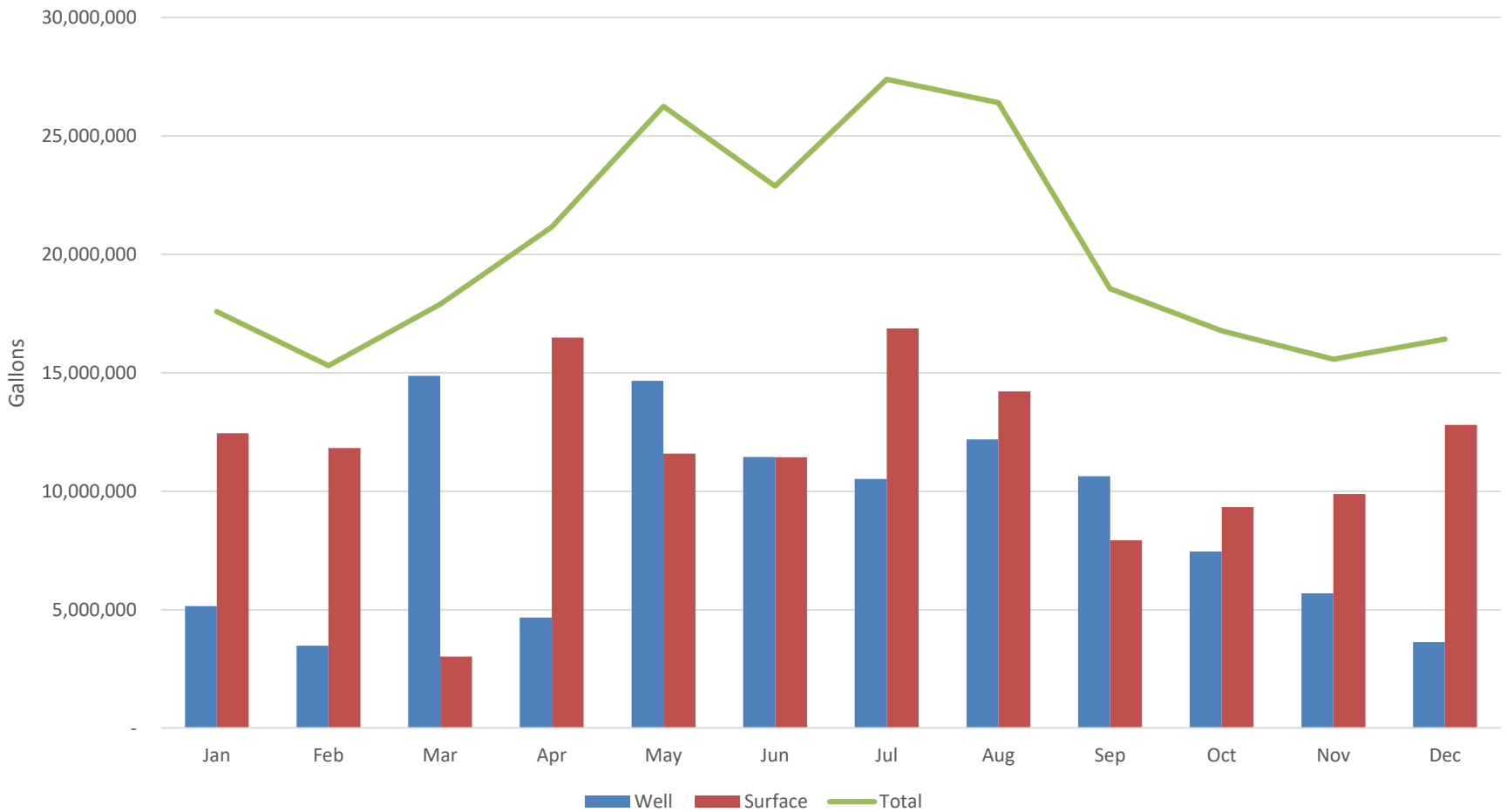
www.whcrwa.com

meetings at the Fry Rd MUD facility,
20111 Saums (2nd Wednesday 6pm).



WATER SOURCING

2018 Well vs Surface



CURRENT RATES



Water

- \$14.50 up to 10,000 gallons
- \$1.00/1,000 gallons 10,001 to 20,000 gallons
- \$1.25/1,000 over 20,000 gallons

Sewer

- \$15.50 flat rate

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HC M.U.D 238
WHCRWA
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WHCRWA Water fee

- \$1.07/1,000 gallons (2009)
- \$1.40/1,000 gallons (2010)
- \$1.85/1,000 gallons (2011)
- \$2.15/1,000 gallons (2012)
- \$2.30/1,000 gallons (2013/2014)
- \$2.45/1,000 gallons (2015)
- \$2.65/1000 gallons (2016)
- \$2.85/1000 gallons (2017)
- \$3.10/1000 gallons (2018)
- **\$3.35/1000 gallons (2019)**
- \$3.60/1000 gallons (2020)

CONSULTANTS

Michael Williams

Operations Manager

- Gulf Utility Service, Inc.

Ray Arce

Tax Assessor

- Wheeler & Associates, Inc.

Jonathan Roach

District's Attorney

- Roach & Mitchell, PLLC

Josh Fort

Grounds Maintenance

- Champions Hydro-Lawn, Inc.



Taylor Reed

District Engineer

- Van De Wiele & Vogler, Inc.

Cynthia Colondres

Bookkeeper

- Municipal Accounts & Consulting, L.P.

Mark Roth

Auditor

- Roth & Eyring, PLLC

Ryan O'Hara

Financial Advisor

- Hutchinson, Shockey, Erley & Co.

Shannon Waugh

Web Design/Hosting

- Off Cinco

MISSION

The mission of MUD 238 is to purchase, construct, finance, operate and maintain facilities and plants necessary for the supply and distribution of water; the collection, transportation and treatment of wastewater and associated by products; and the control and diversion of storm water in specific jurisdictions in a cost effective and financially transparent manner. We will also work with other governmental agencies (National, State, County, City, etc.) on projects that benefit the residents.



HCMUD 238

THANK YOU FOR YOUR TIME

Harris County Municipal Utility District 238
meets the fourth Tuesday of each month at 1 pm.

The regular meeting location is 17332 Groeschke Rd., Houston, TX 77084.

The public is welcome to attend.

For more information go to <http://HCMUD238.com>.

