

# **NORTHEAST WATER SUPPLY UPDATE:**

**THIRD AMENDMENT TO WATER SUPPLY CONTRACT  
WITH CITY OF HUMBLE**

**WATER CAPACITY LEASE AGREEMENT WITH  
NORTH FORT BEND WATER AUTHORITY**

**SHARON CITINO, HOUSTON WATER**



# PURPOSE

together we create a strong foundation  
for Houston to thrive

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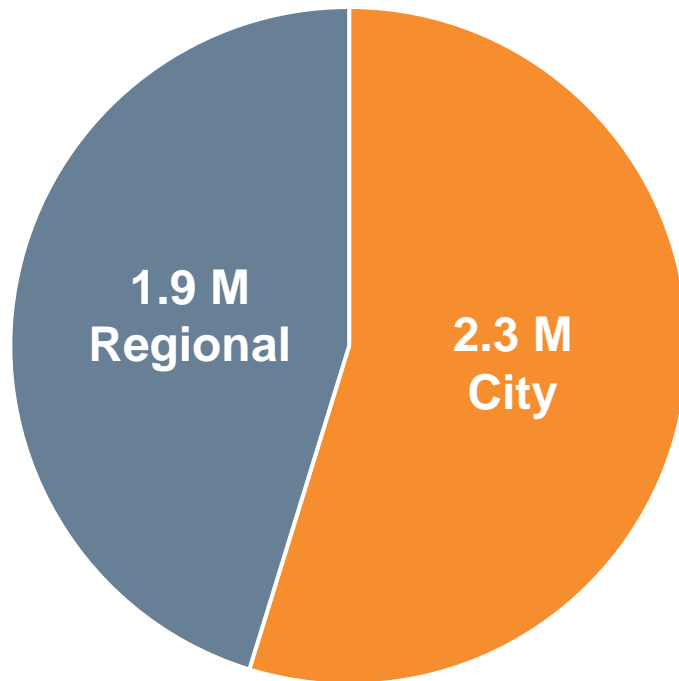
# 5 TO THRIVE VALUES

integrity | teamwork | ownership | communication | respect



# WATER SYSTEM

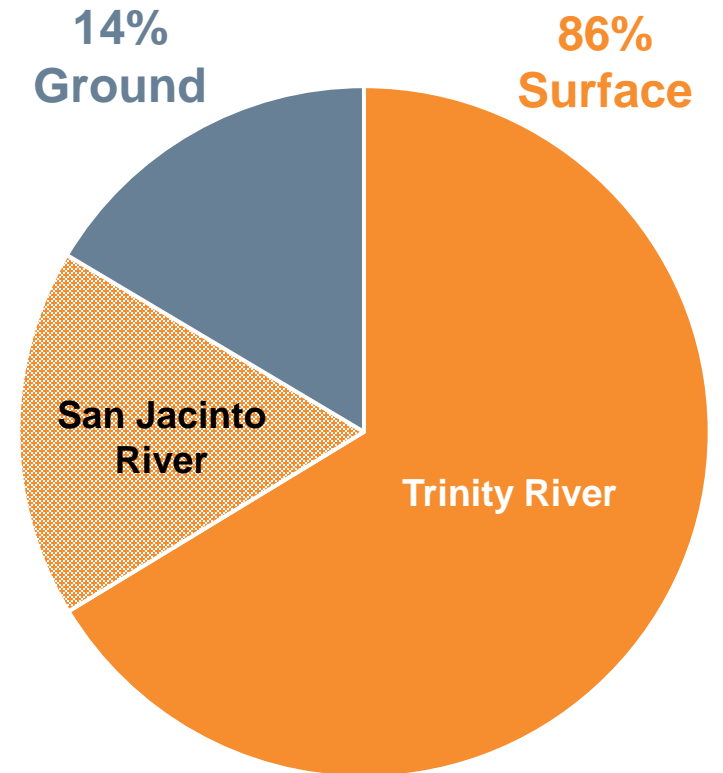
## CUSTOMERS



## AVAILABLE SUPPLY

**1.4 B**  
gallons per day

## SOURCES



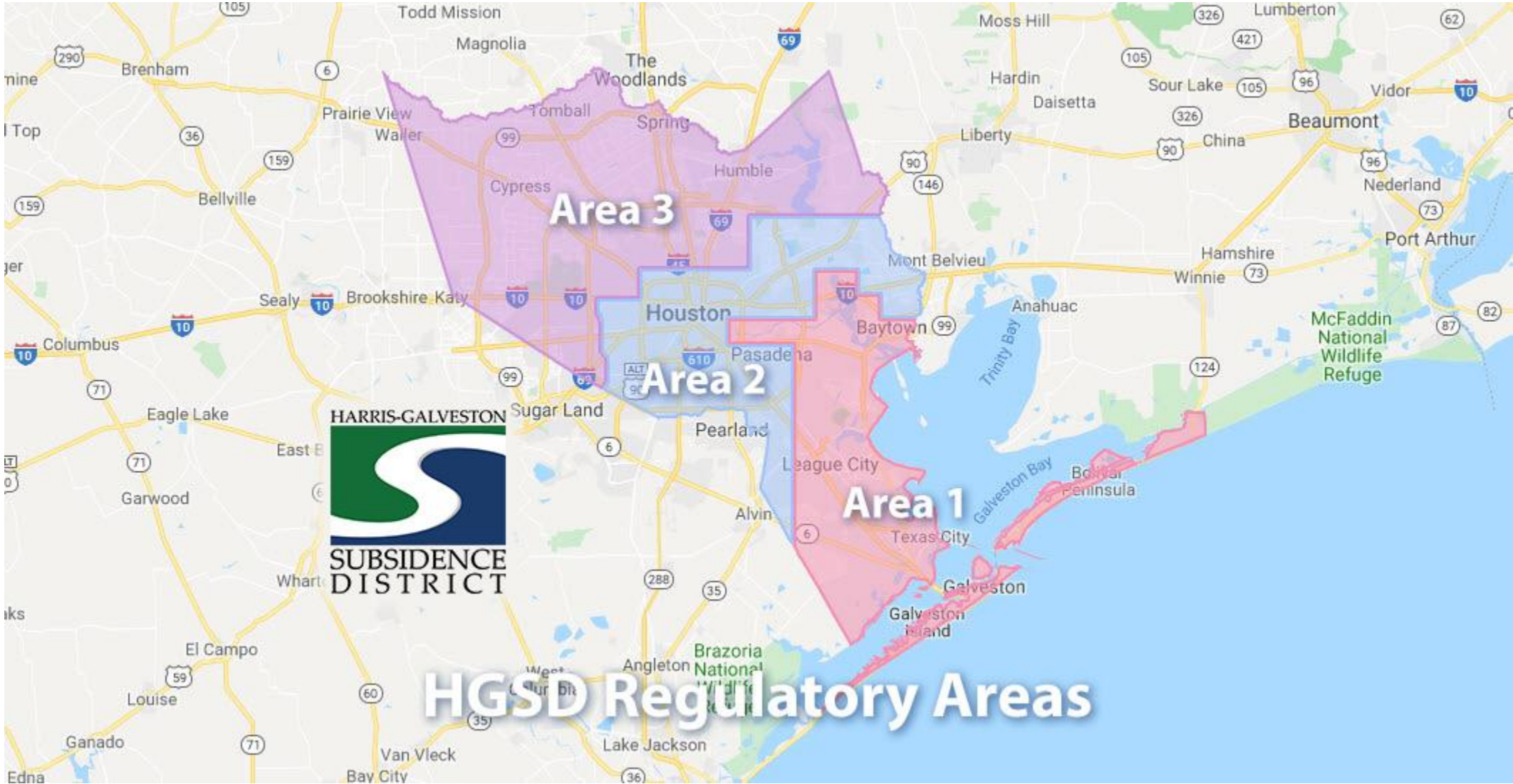
Trinity River & San Jacinto River  
wells in Harris, Fort Bend &  
Montgomery Counties



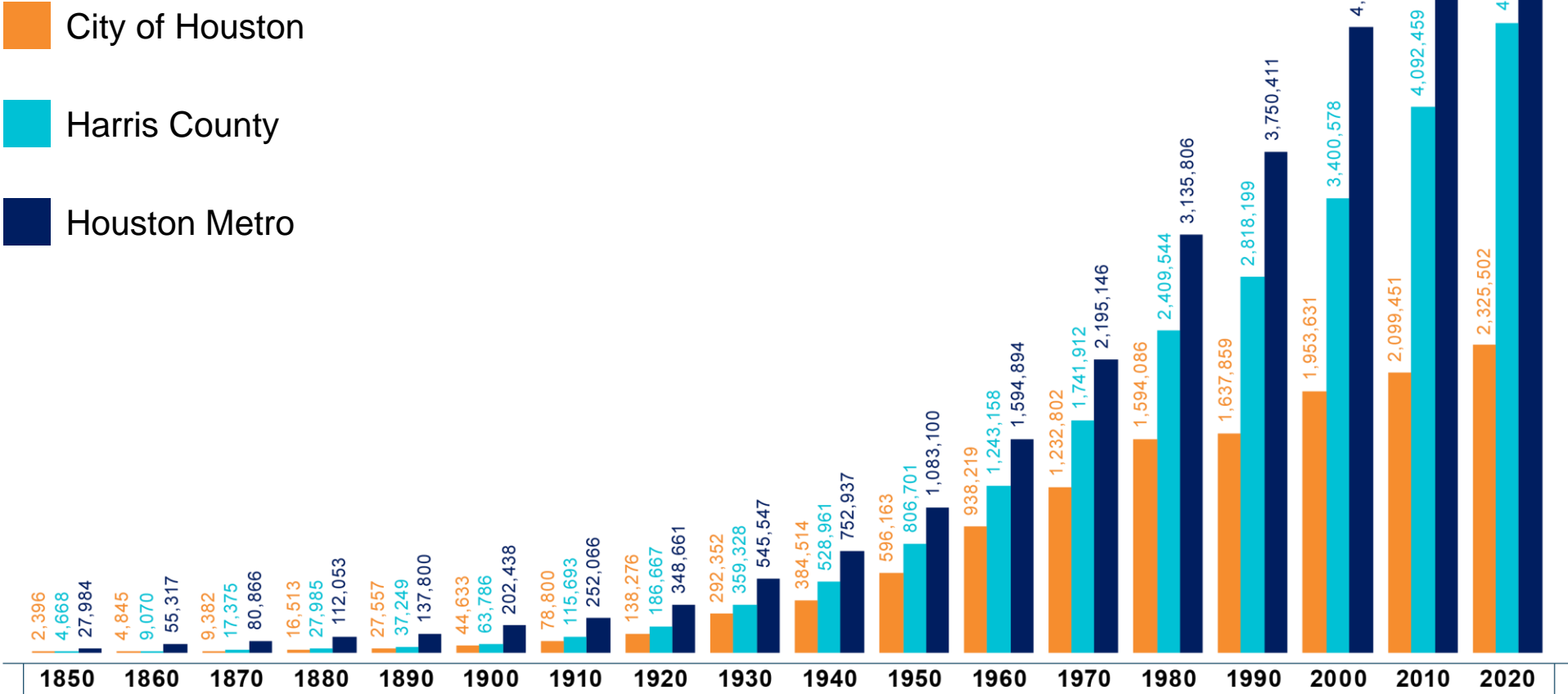
# **WATER SYSTEM CHALLENGES**

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**GROUNDWATER REGULATIONS  
GROWTH**



# DECENNIAL CENSUS & INTERCENSAL POPULATION



Source: U.S. Census Bureau, Texas Almanac





## City of Houston Northeast Transmission Water Line (NETL)

### NETL Summary

The 16.5 mile NETL will carry water produced by the planned expansion of the City's Northeast Water Purification Plant (NEWPP) to City and Regional Customers. Both the NETL and NEWPP expansion are needed to meet the Region's projected 2040 water demand. The NETL is also referred to as the Second Source Water Line, as it will be the second major transmission main delivering water from the NEWPP.

### NETL Duration



Water Delivery

**LEGEND**

- NORTHEAST WATER PURIFICATION PLANT
- EXISTING 84" & 86" TRANSMISSION WATER LINE
- 120"/108" TRANSMISSION WATER LINE & INTERCONNECTIONS
- START/END OF PROJECT
- CONTRACT TAKE-POINT



**\$450 Million** of Transmission Line Projects to be constructed from 2017 – 2021  
In partnership with NHCRWA, CHCRWA, WHCRWA, NFBWA and the TWDB





# **SOLUTIONS**

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## **CONTRACTS WITH REGIONAL PARTNERS**

## **CITY OF HUMBLE**

- third amendment to Water Supply Contract
- 1.5 MGD available now
- no budget impact

## **NORTH FORT BEND WATER AUTHORITY**

- Water Capacity Lease Agreement
- 5 MGD available Spring/Summer 2023
- billed only for water used at comparable rate

# UPCOMING CITY COUNCIL ACTION

ITEM	AGENDA DATE
ordinance approving a third amendment to Water Supply Contract with City of Humble	Spring 2022
ordinance approving a Water Capacity Lease Agreement with North Fort Bend Water Authority	Spring/Summer 2022

# thank you!



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