



WATER PURIFICATION PLANT EXPANSION

# Community Update

May 25, 2021



Central Harris County  
Regional Water Authority



# Safety Moment

Work on the Northeast Water Purification Plant expansion is considered essential so our team has continued to operate since the pandemic began:

We are no longer offering tours of the facility;

We are not making any home visits;

We are wearing masks, washing our hands and spacing out staff;

And, remarkably, our team has worked over **4 million construction manhours without any accident** that would cause someone to not be able to return back to work immediately.



# Safety Moment

## SOCIAL DISTANCING

Social distancing is the practice of reducing close contact between people to slow the spread of infections or diseases. Social distancing measures include limiting large groups of people coming together, closing buildings and canceling events.

**AVOID**

- Athletic Events
- Church Services
- Concerts
- Crowded Stores
- Group Gatherings
- Malls
- Non-essential Workers in Your House
- Playdates
- Theater Outings
- Traveling
- Sleepovers
- Workouts in Gyms
- Visitors in Your House

**KEEP YOUR DISTANCE**

Keep at least 6' - 8' between yourself and others

- Pick Up Medications
- Playing in a Park
- Visit a Grocery Store
- Visit a Local Restaurant to Get Take Out

**SAFE TO DO**

- Clean Out a Closet
- Cook a Meal
- Family Game Night
- Go for a Drive
- Go for a Hike
- Group Video Chats
- Listen to Music
- Stream a Favorite Show
- Take a Walk

We are committed to keeping our workers and our neighbors safe during the pandemic;

We have been holding our public meetings by webinar, rather than in person, since 2020.

**PLEASE RESPOND TO THE SURVEY QUESTION TONIGHT ABOUT YOUR PREFERENCE OF FUTURE MEETINGS BEING IN PERSON OR HELD VIRTUALLY.**



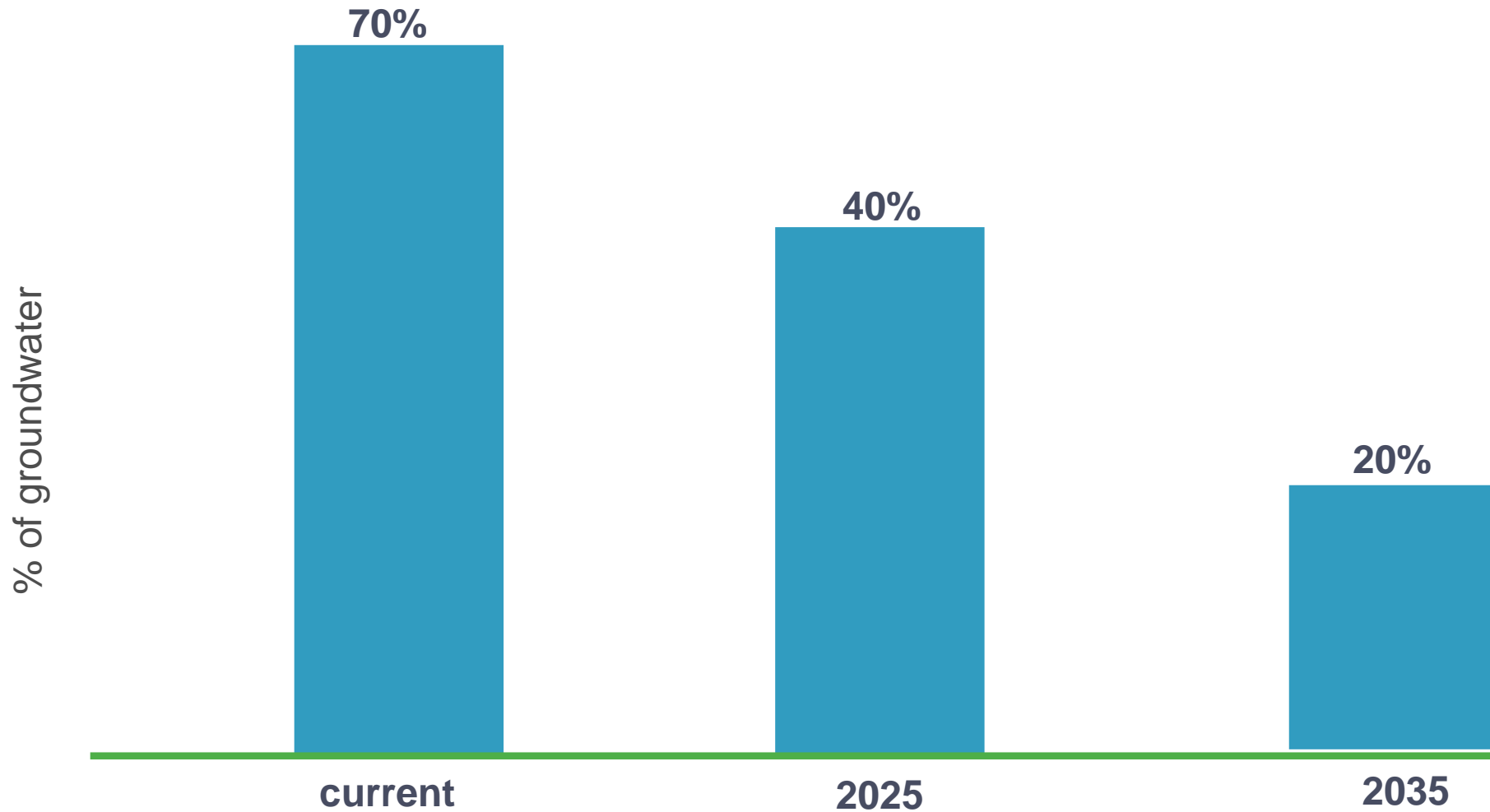
**WE REMAIN IN COMPLIANCE WITH THE CENTER FOR DISEASE CONTROL (CDC) GUIDELINES**

# Contents

- 1** Project background
- 2** Progress to date
- 3** What's next
- 4** What we have heard
- 5** Questions

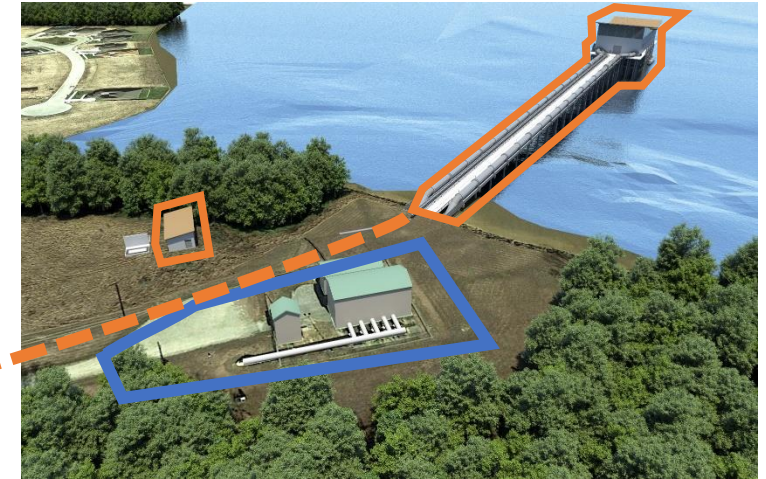
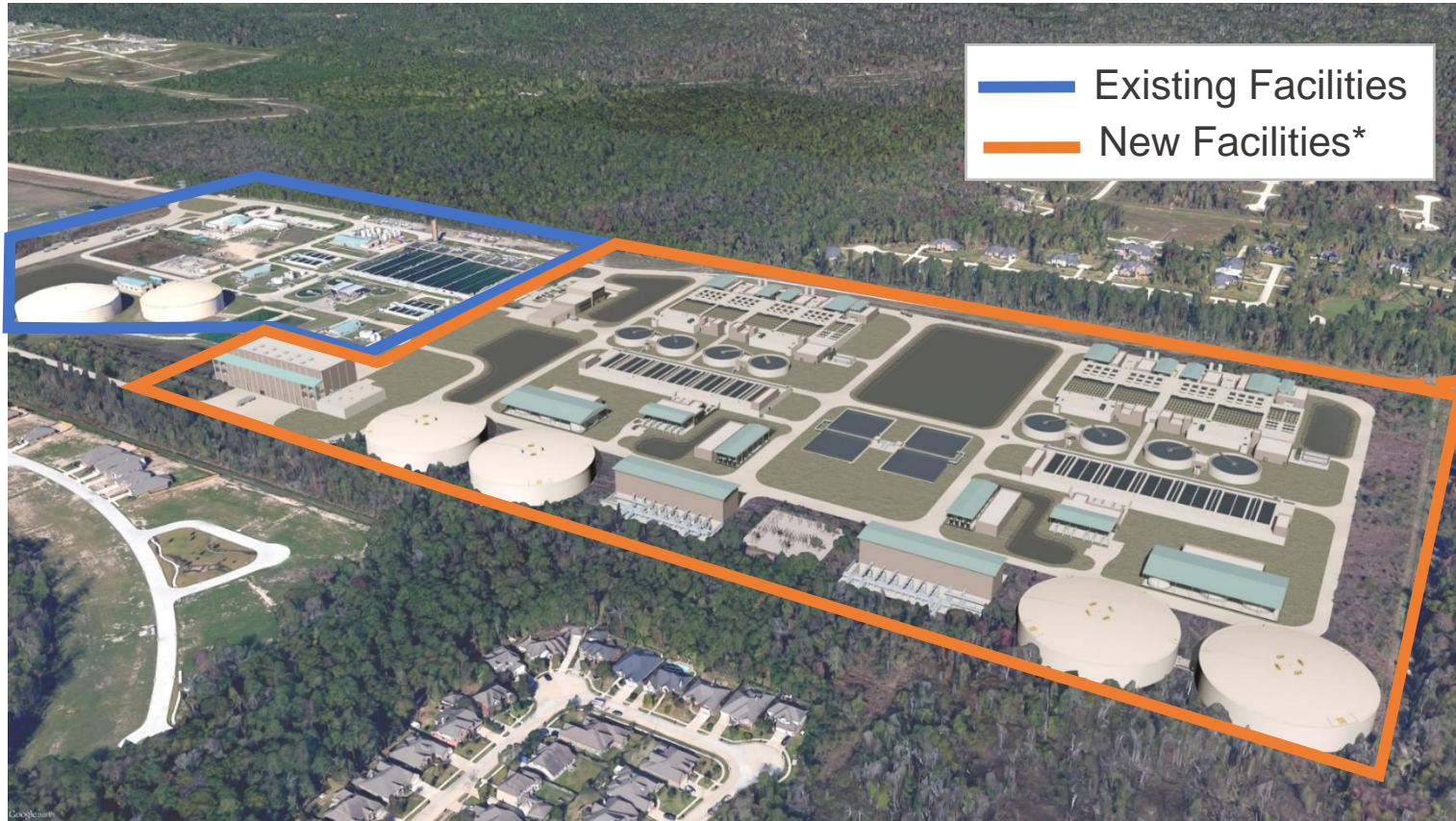
# Project Background

# MAXIMUM GROUNDWATER USE



this requirement pertains to the Area 3 of the Harris Galveston Subsidence District and Area A of the Fort Bend Subsidence District

# Northeast Water Purification Plant



**Intake Pump Station**

**Raw Water Pipelines**

## Treatment Facilities

\* new facilities shown are renderings of the completed project

# Progress to Date



# Work on Intake Pump Station



# Work on Intake Pump Station



# Plant Site Construction – North



# Plant Site Construction – Administration



# Plant Site Construction - Central



# Plant Site Construction - South



# Plant Site Construction - Overview



# What's Next



# Lake Houston Intake Pump Station

## TO DO:

- Install exterior doors, louvres and panels
- Install and begin testing six intake pumps



# Construction at Plant

## NORTH – TO DO:

- **Complete Administration Building by year-end**
- **Complete Maintenance Building by year-end**



# Construction at Plant

## SOUTH – TO DO:

- **Install two High Service Pump Stations**
- **Complete Ground Storage Tank and leak test**



# Next Steps

WHAT?	WHEN? *
Corridor pipeline duct bank & utilities	Sept. 2020 – Aug. 2021
Intake Pump Station at Lake Houston	Feb. 2019 – Dec. 2021
Beautification (trees, intake pump station)	2022
Installation of 2 <sup>nd</sup> Tunnel under W. Lake Houston Parkway	Late 2021 – Early 2024
Corridor pipeline road restoration	2024 – 2025
Plant construction site	2025
Construction fence removal in the corridor	2025

\* Dates are approximate based on current situation and subject to change.

# What We've Heard & What We've Done

# What We've Heard & What We've Done

## Foul language used by workers:

All workers were personally put on notice that if anyone is caught using foul language, they will be immediately sent home for three days, then if caught again they will not be allowed back.

## Hours of operation at the plant and bright lights:

Concrete pours have had to be scheduled before and sometimes after regular hours. The Project Team is working to identify further noise mitigation steps it can employ, during work activities that occur outside of regular hours. The lights atop the cranes have been redirected away from the homes.

## Light Pollution on the lake from the Intake Pump Station:

Will install louvres so lights inside the IPS do not shine outside. Redirected hooded safety lighting so it shines down. Established policy to turn off all construction lighting at the end of each work day.

# What We've Heard & What We've Done

Question/Issue	Answer/Response
Tug boats are starting their engines before 7AM and are loud	Contractor was notified they could not start their engines before 7AM so they won't disturb the neighbors. They stopped doing it right away.
Will trees be planted behind Arden Glen Lane?	Yes. The plan is to begin reforestation planting in 2022. The residents will be asked for input but the type of trees will be limited due to type of soil. An arborist will be consulted.
When will the tall protective fence around the project be removed?	The fence is in place for safety reasons and will be removed in 2025 when the project expansion is complete and the construction is over.
Did the Northeast Water Purification Plant lose pressure during the winter storm?	The plant never went below 20psi.
Will the cranes remain up until the completion of the project in 2025?	Not through 2025, but for the foreseeable future.

# Our Good Neighbor Practice

In response to your calls, we have adopted a Good Neighbor Practice which gets reviewed at our weekly meetings. That policy includes addressing your concerns. Our goal is to be good neighbors.



# Just in case.....

## Damage Claims:

- If you believe you have damages greater than \$5,000 as a result of related construction activity, the City of Houston must refer your claim to the insurance carrier.
- The insurance carrier for the project will require proof that the damage was caused by the construction activity which could include requesting before and after photos.
- You may need to hire a Professional Engineer to supply a signed and sealed affidavit certifying the cause of your damage in order for your claim to be submitted for payment. It is likely the insurance carrier will involve their legal team for large claims.

# What questions do you have?

## Questions & Answers

You may now ask questions two ways:



- 1) Submit it in writing in the Q&A and we will read them in the order we receive them
- 2) You may select Raise Hand and we will call on you in order. You will have two minutes to ask your question, so please be succinct

The Chat function will not be utilized during this webinar. If we don't have time to get to your question, please submit it in Q&A and we will respond to you by email.

# Contact us

**GreaterHoustonWater.com**  
**281-520-3777**

**[newppexpansion@gmail.com](mailto:newppexpansion@gmail.com)**

Please contact us at this email and phone number for faster response

Public meetings will be scheduled regularly.  
Our next meeting will be held this fall.