



WATER PURIFICATION PLANT EXPANSION

# Community Update

October 19, 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 will soon begin offering tours in groups of four (with COVID protocols in place);

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 **5.2 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.**



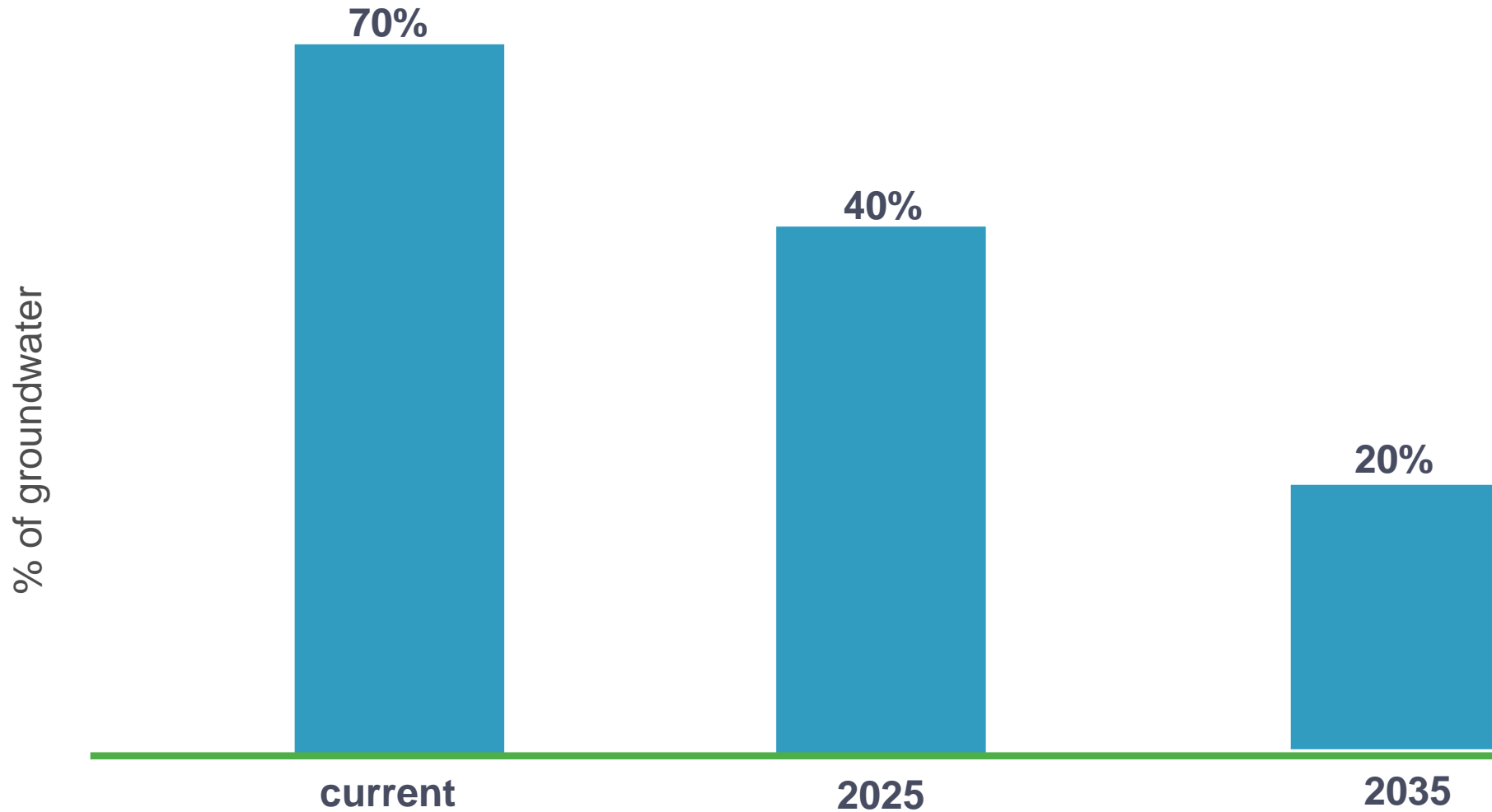
**WE REMAIN IN COMPLIANCE WITH THE CENTER FOR DISEASE CONTROL (CDC) GUIDELINES**

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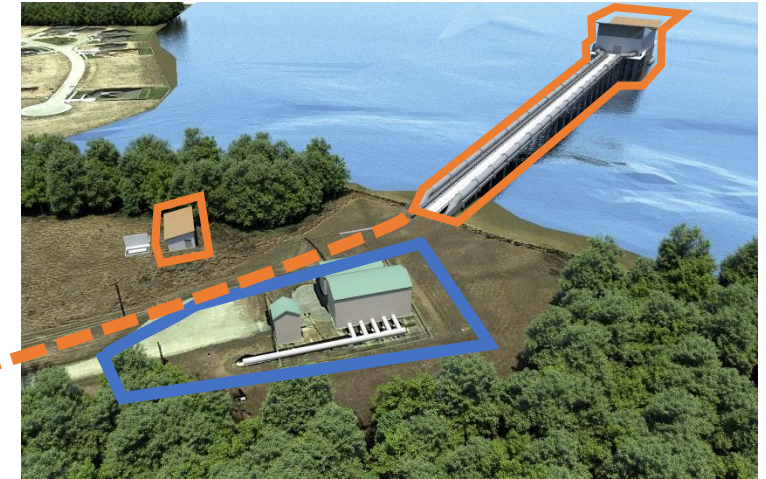
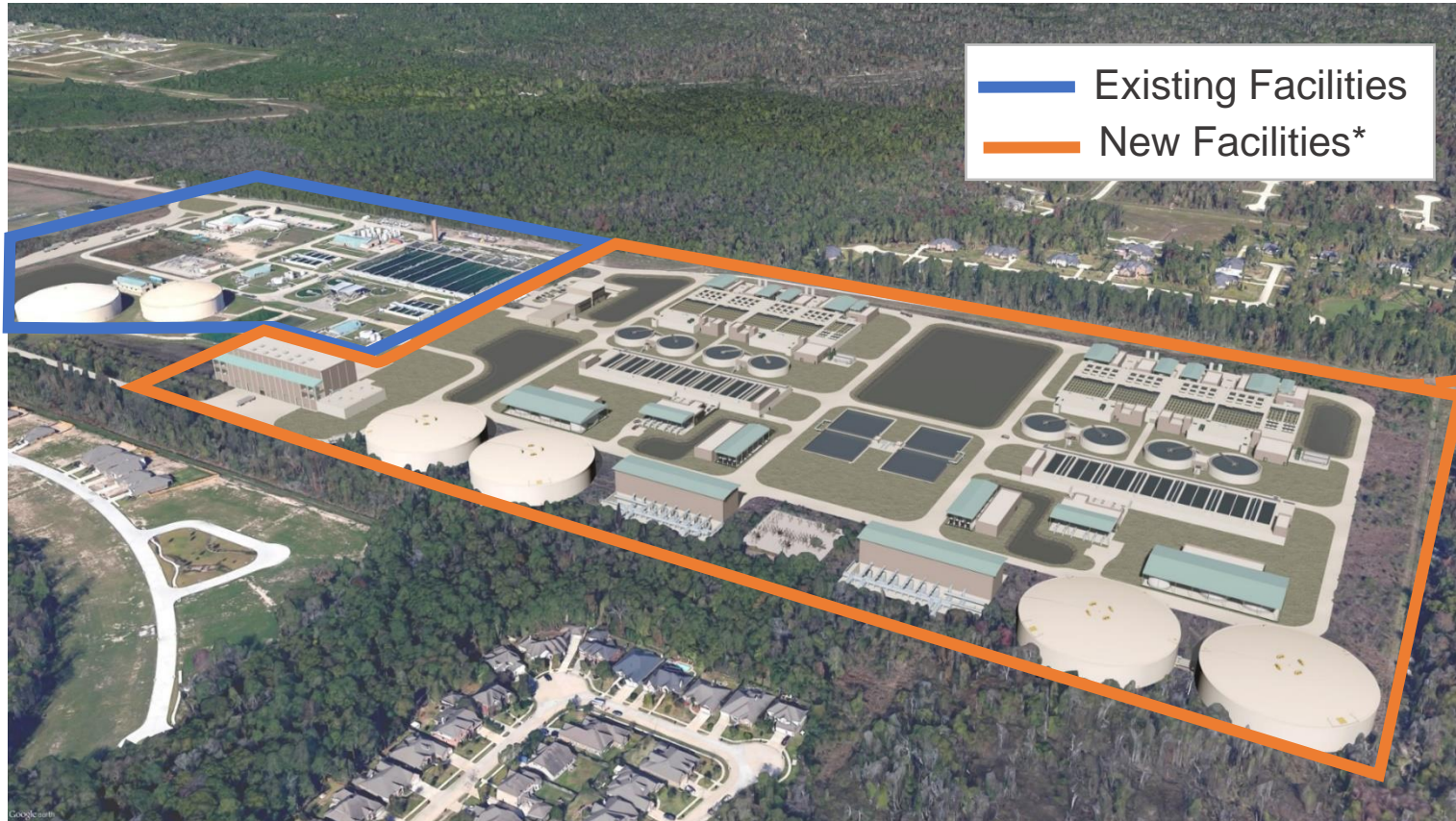
# Project Background

# 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



# Lake Houston Intake Pump Station



# Lake Houston Intake Pump Station



# Raw Water Pipeline Corridor



# Plant Site Construction



# What's Next

# Lake Houston Intake Pump Station

- Exterior of the intake pump station will be finished
- Both facilities will be energized and testing of pumps and ancillary systems will occur



# Raw Water Pipeline Corridor

- **Site restoration of the electrical duct bank will be completed in the next three months**
- **North Tunnel project at W. Lake Houston Parkway will begin in the next three months**



# Plant Site Construction

- **Complete Administration Building by year-end**
- **Complete Maintenance Building by year-end**
- **Ground Storage Tanks will be substantially complete within the next three months**





# Next Steps

WHAT?	WHEN? *
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

## Overgrown weeds along the corridor fence line:

A crew worked their way down the corridor and got rid of the weeds that had grown between the security fence and residential fences. We will continue to monitor the weeds but please call us if you notice any overgrowth.

## Dust covers needed on the trucks carrying dirt down the corridor:

We have increased the water truck operations along the corridor and we are watering down the loads prior to transporting if no dust cover is on the truck.

## Construction noise at the plant:

We have built sound barriers around the dewatering units, replaced many back-up beepers with quieter growlers and placed other sound barriers where appropriate. We cannot eliminate all the noise – unfortunately construction is loud – but we will continue to do what we can.

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

Question/Issue	Answer/Response
Will the intake pump station be made more attractive?	The exterior of the Intake Pump Station will be completed in the next three months. The blue color was chosen by the residents to make the building more appealing.
Will trees be planted along the corridor and behind the plant?	Yes. The plan is to begin reforestation planting next year. 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.
When will the noise behind the plant along Arden Glen Lane get better?	Currently there is a masonry saw operating which is causing the power saw noise we are hearing in the videos you have sent. That should stop by Thanksgiving. However, other construction related noises will continue until the plant is finished.
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.

# Look at the progress.....

## Video update:

- This expansion is historic and we are being careful to document the progress for future generations. We created a video when the project first started and have recently completed a video update showing the progress that has been made.
- We want to share that video with you now so you can see what is going on behind the fence. We will take questions afterwards.

# Video Update

Click Here to View the Video Update: <https://youtu.be/C0Gr6Py8mLM>



# 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 in the spring.