

# NHCRWA Board Meeting

## APRIL 5, 2021





- 
- Message from the President
  - Board Member Comments
  - Public Comments



# AVAILABLE NOW ONLINE...


# PREPARE FOR SPRING IRRIGATION

## New Billing Inserts available for districts in the NHCRWA

**WATER LESS  
SAVE MORE**  
Are you over watering your yard?

Watering in the heat of the day can waste up to 65 percent of the water through evaporation.

Set timers to complete the cycle before 4:00 a.m. This timing will avoid the peak demand for other household uses.



North Harris County  
**REGIONAL WATER**  
Authority

Learn more by visiting [nhcrwa.com](http://nhcrwa.com)

**WATER LESS  
SAVE MORE**  
Are you over watering your yard?

**MOW ONLY WHEN NECESSARY**



Set the mower to the highest setting during warm weather.

Longer grass keeps the soil cool, minimizing evaporation and conserving water.

Leave clippings on the lawn. They supply organic matter and supply one third of your fertilizer needs.

North Harris County  
**REGIONAL WATER**  
Authority

Learn more by visiting [nhcrwa.com](http://nhcrwa.com)

**WATER LESS  
SAVE MORE**  
Are you over watering your yard?

Even as summer temperatures rise, watering too frequently can be a big mistake.

**WATER NO MORE THAN 1 INCH PER WEEK!**  
AND ONLY WHEN IT'S NEEDED.



IRRIGATION IS ONLY NEEDED WHEN RAIN IS SCARCE.

IF RAIN IS IN THE FORECAST, LET NATURE DO THE JOB.

North Harris County  
**REGIONAL WATER**  
Authority

Learn more by visiting [nhcrwa.com](http://nhcrwa.com)

**WATER LESS  
SAVE MORE**  
Are you over watering your yard?

**SEVEN QUICK AND EASY IRRIGATION TIPS**

- Water lawns in the early morning.
- Install rain sensors on sprinkler systems.
- Fix leaky faucets and hoses... they waste water and money.
- Water the grass. NOT the sidewalk and street.
- Plan water cycles according to each type of plant or grass.
- Watering in the heat of the day can waste up to 65 percent of the water.
- Use a broom to clear away debris, instead of using the hose.

North Harris County  
**REGIONAL WATER**  
Authority

Learn more by visiting [nhcrwa.com](http://nhcrwa.com)

**HELP PREVENT  
STORMWATER  
POLLUTION**



NEVER dump anything into storm drains.

SWEEP UP driveways, sidewalks, and roads.

COMPOST your yard waste.

Direct downspouts AWAY from paved surfaces.

Check car for oil leaks, and RECYCLE old motor oil.

PICK UP after your pet.


Take your car to the CAR WASH instead of washing it in the driveway.

North Harris County  
**REGIONAL WATER**  
Authority

Learn more by visiting [nhcrwa.com](http://nhcrwa.com)

**WATER LESS  
SAVE MORE**  
Are you over watering your yard?

**WATER ONLY WHEN YOUR YARD NEEDS IT!**



Unfortunately, far too many people think they have to water every day or every other day to have a lush lawn.

**WATER NO MORE THAN 1 INCH A WEEK**

Set timers to complete the cycle before 4:00 a.m. to avoid the peak demand for other household uses.

Watering in the heat of day can waste up to 65 percent of the water through evaporation.

North Harris County  
**REGIONAL WATER**  
Authority

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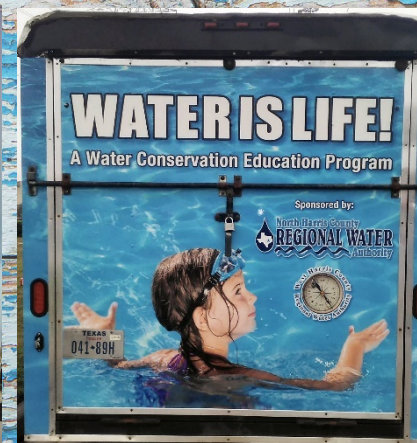
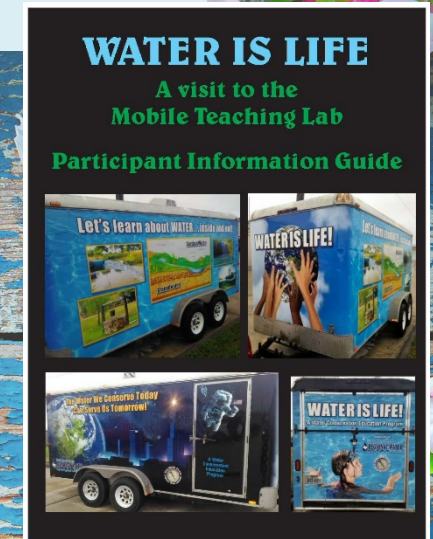
Order online at [nhcrwa.info/inserts](http://nhcrwa.info/inserts)



# WATER IS LIFE

## MOBILE TEACHING LAB UPDATE

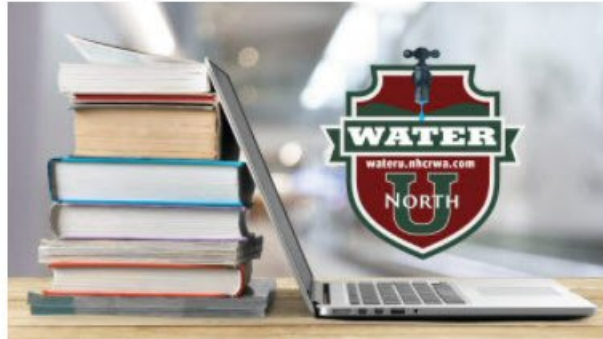
- “Live” and video
- Focus on conversion to surface water
- Interactive displays
- Participant take-away **GUIDE**









[Home](#)[About WATERU](#)

## WELCOME TO WATER U

**WATER U North** is a virtual classroom that features FREE "courses" on critical water issues that affect utility districts and residents in the North Harris County Regional Water Authority. WATER U North allows participants to dive into the topics that interest them the most

PICK A COURSE BELOW TO GET  
STARTED.



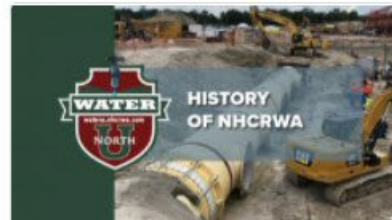
COMPOSTING

[See more...](#)



IRRIGATION

[See more...](#)



THE HISTORY OF NHCRWA

[See more...](#)



SUBSIDENCE

[See more...](#)



WHY IS MY WATER BILL SO HIGH?

[See more...](#)



TEXAS WATER DEVELOPMENT  
BOARD

[See more...](#)



# COMING SOON!





A tall, weathered metal windmill stands on a grassy hill. The windmill has a lattice-like tower and a circular head with multiple blades. The background is a bright blue sky with scattered white clouds. The foreground is filled with green grass and some small shrubs.

# **GENERAL MANAGER'S REPORT**

- **Update on status of Surface Water Conversion Program;**
- **Update on 2010-2025 Water Distribution and Transmission System;**



# PROGRAM MANAGER'S REPORT





# Surface Water Conversion

- During March Spears Road Regional Pump Station delivered surface water at an average daily rate of approximately 20.1 MGD.
- Alternative water usage during February was approximately 22.5% as compared to approximately 32.3% in January.
- During February approximately 52.3% of the water used by the Public Water Systems in the 2010 service area was Alternative Water.



# Surface Water Conversion

- During March Spears Road Regional Pump Station delivered surface water at an average daily rate of approximately 20.1 MGD.
- Alternative water usage during February was approximately 22.5% as compared to approximately 32.3% in January.
- During February approximately 52.3% of the water used by the Public Water Systems in the 2010 service area was Alternative Water.
- For Permit Year 2020 (*December 1, 2020 through November 30, 2021*) the Authority accumulated **530.7 million gallons of over-conversion credits.**



# Authority Projects

- ★ • 28B – Grant Road 54 & 60-inch. In construction 07/30/2020 NTP to E.P. Brady LTD. 335 days to substantial completion.
- ▼ • 28C – Mills Road 60-inch. Joint ROW Acquisition with HC Pct 4 along Mills Road. Harris County coordination continues.
- ★ • 28D – Mills Road 60-inch. **6 Construction Bids 03/16/2021. Awaiting final Agency Approvals, Award May BOD mtg.**
- ▼ • 28E – 16-inch WL & 4 WRFs. Consultant team working towards revised 95% submittal & ROW Acquisition continues.
- ★ • 28F – 16-inch WL & 5 WRFs. **In construction. 03/22/2021 NTP to Main Lane. 400 days for final completion.**
- ★ • 28G – N. Gessner 84-inch. **Final Agency Approval stage. Scheduled to Advertise for Construction bids 04/30/2021.**
- ▼ • 24C – SH249 RPS. Re-Packaging as a single project. To be Advertised for Construction bids soon.
- ★ • 25A – 84-inch Transmission. **Advertised for Construction with Bids due 04/13/2021. Award May BOD meeting.**
- ★ • 25B - 84-inch Transmission. **03/02/2021 NOI to Award to McKee Utility Contractors, Inc. NTP expected soon,**
- ★ • 25C - 84-inch Transmission. NOI to Award to BRH Garver \$22,187,185.00. NTP expected soon.
- ★ • 25D - 84-inch Transmission. Notice of Intent to Award to Harper Bros. \$33,733,550.50. NTP expected soon.
- ★ • 25E – 36-inch Interconnect. Consultant submitted 95% - in review. ROW Acquisition underway.
- ★ • 2-8 – Spears Road Regional Pump Station Upgrade. TCEQ submittal 02/04/2021. Scheduled to Advertise 05/21/2021.
- ★ • 6C-1 – 16-inch WL and connection to Faulkey Gully MUD. Final Design and ROW acquisition underway.
- ★ • 6C-2 – 16-inch WL and connection to NWHCMUD5. Final Design and ROW acquisition underway.
- ★ • 7D-1 – 16-inch & 30-inch WL and connection to NWHCMUD32. Final Design and ROW acquisition underway.

26 Active Projects

9 In or Near  
Construction

14 In Final Design &  
ROW Acquisition

2 Routing Study  
and Preliminary  
Engineering

1 On-Hold (6B-3R)



# Authority Projects

- • 6B-3R – Telge Road WL Realignment – Harris County ILA – Project drainage being updated by HC due to Atlas 14.
- ★ • 31 – Routing Study 2nd Loop 16~ miles of 12-inch through 48-inch. Updates to Routing Study being finalized.
- ★ • 31A – NTP 09/17/2020. Final Design and ROW acquisition underway.
- ★ • 31B – NTP 09/17/2020. Final Design and ROW acquisition underway.
- ★ • 31C – NTP 09/17/2020. Final Design and ROW acquisition underway.
- ★ • 31D – NTP 09/17/2020. Final Design and ROW acquisition underway.
- ★ • 31E – NTP 09/17/2020. Final Design and ROW acquisition underway.
- ★ • 31F – NTP 09/17/2020. Final Design and ROW acquisition underway.
- ★ • 1A-4 – Bammel UD 12-inch WL extension to WP# 1. Final Design is underway. Alignment is confirmed.
- ★ • 35 – Routing & Alignment Study of “3rd Loop” **03/08/2021 NTP. Routing & Alignment Study to be completed 12/31/2021.**

**26 Active Projects**

**9 In or Near  
Construction**

**14 In Final Design &  
ROW Acquisition**

**2 Routing Study  
and Preliminary  
Engineering**

**1 On-Hold (6B-3R)**





## Project 28B:

- Completed both (launch/receiving) shafts and started work on 345-LF of Cypress Creek tunnel crossing.
- 1,063-LF 60-inch WL along Copeland has been inspected and ready for hydrostatic pressure test.
- 54-inch WL installation underway along Grant Road adjacent to Matzke Park toward Jones Road.
- 2,100 LF in place out of 8,350 LF
- Pipe, manholes and materials delivery is continuing per schedule.





**Project 28B 54-inch and 60-inch WL**





ne it.  
ered.



**Holiday Testing of Pipe Coating on 54-inch**





**Project 28B Launch Pit Along Grant Rd.**





**Project 28B Receiving Pit Along Grant Rd.**



# Regional Water Projects

- Luce Bayou Interbasin Transfer Project
- Northeast Water Purification Plant
- Northeast Transmission Line







**Trinity River Pump Station Control Room**





**Energizing Electric Panels**





**Pump Station Intake – Final Inspections**





**Water Level Gates – Ballast Installation**



# Northeast Water Purification Plant

- Balance of Plant (BOP)

Successfully negotiated terms, conditions and price of the BOP Guaranteed Maximum Price contract amendment. Passed City of Houston Council on July 10, 2019. **HWT GMP = \$1,765,532,834.00**

- EWP # 1 Site Prep and Development ~ \$37.3 million

Nearing completion. Grading, Roadway, Field offices, Fencing, etc. Working on Final/Contract Closeout.

- EWP # 2 Transfer PS and West Filter Facility ~ \$45.5 million

On schedule. The pump cans have been installed. Concrete work continues.

- EWP # 4 Dual 108-inch Raw Water Pipeline ~ \$57.9 million.

Nearing Completion. Items remaining include welding and grouting of pipeline and site restoration.

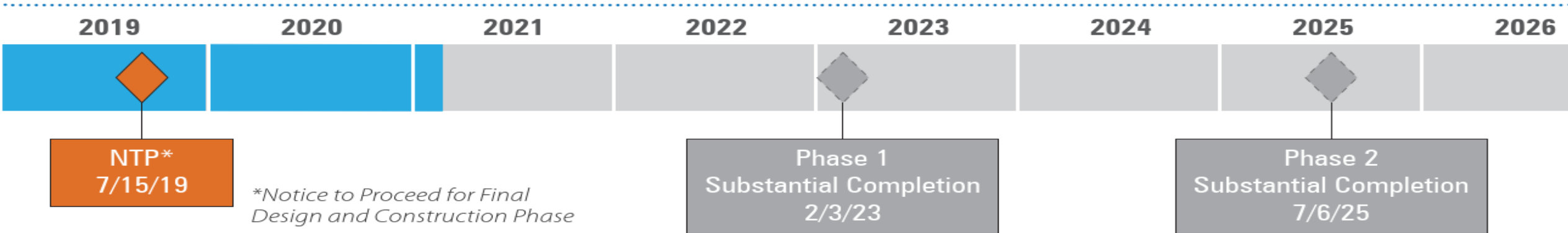
- EWP # 6 N. Plant Structures, Piping, Equipment & Intake PS

Approx. \$230 million. In construction. Includes marine works in Lake Houston.



















# SCHEDULE STATUS



## Status through February 2021

KPI	Description	Target	Status	Trend (from last update)	Notes
Phase 1 Completion	Phase 1 (80 MGD) Substantial Completion date	Feb 3, 2023			Progress schedule shows 18 days negative float. HWT working to rectify.
Phase 2 Completion	Phase 2 (240 MGD) Substantial Completion date	July 6, 2025			Progress schedule shows 4 days negative float. HWT working to rectify.
D-B Financial Performance	D-B Authorized Amount vs. July 2019 Budget	\$1.765B			Expenditure status based on base GMP and other amounts as defined in Exhibit F of Amended and Restated Agreement.
Safety	Number of reportable events	0			3.743M hours to date. 10 OSHA recordable incidents. 0 lost time incidents.

 Actual Ahead of Target  
 Actual Nearing Target  
 Actual Behind Target  
 Status Improved From Last Period  
 Status Declined From Last Period  
 Same as Last Briefing





**NEWPP Video from March 12, 2021**



# Northeast Transmission Line (“NETL”)

- The 120-inch line (0174) and two (2) 108-inch lines (0126 & 0156) & the 54-inch interconnect (0127) is Complete.
- Two (2) sections of 108-inch line (0154 and 0155) are substantially complete.
- Construction of six (6) sections of the 108-inch line (0140, 0157, 0164, 0165, 0167 and 0168) are ongoing
- Construction of 66-inch interconnect (0166) is ongoing.
- Real estate acquisition efforts continues on two sections of line.
- Estimated Total Project Costs for all 13 segments (Construction, Design, Real Estate, etc.) ~ \$461.43 million.
- Estimated completion of final segment is October 2022.

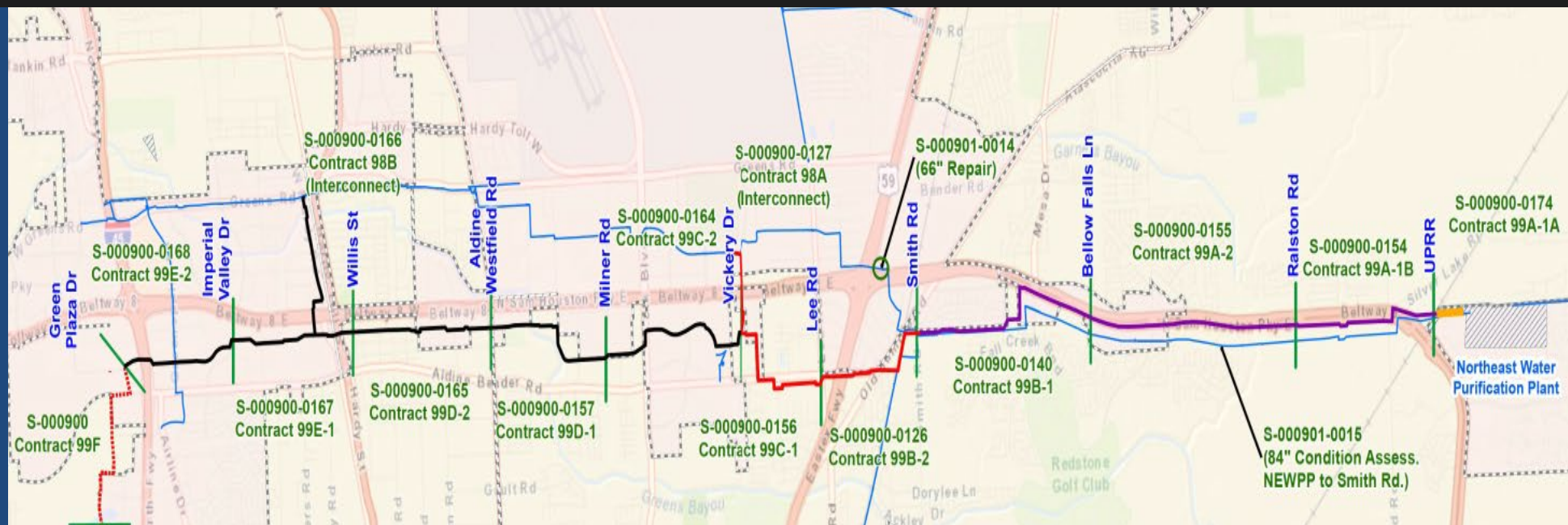
Approx. 16.5 miles

1 - 120 inch

10 – 108 inch

1 – 66 in. interconnect

1 – 54 inch interconnect





# Questions ?



# ATTORNEY'S REPORT





# APPROVAL OF MINUTES





# FEBRUARY FINANCIAL REPORT





# Financial Report Summary

## As of February 28, 2021

### Total Enterprise Fund Balance

# \$1,120,033,667.88

CAPITAL FUNDS	\$	651,792,232.17
INTEREST & SINKING AND DEBT SERVICE RESERVES	\$	155,316,073.03
COVERAGE AND IMPROVEMENT FUNDS	\$	284,879,882.79
OPERATING FUNDS	\$	28,045,479.89
<b>ENTERPRISE FUND BALANCE</b>	<b>\$</b>	<b>1,120,033,667.88</b>





# Financial Report Summary

## **Reports included:**

- ~ Balance Sheet**
- ~ Statements of Revenues and Expenditures, Investment Reports, Pledged Securities Report, Actual General Operating Budget Comparison, Operating Budget Planning Report, and Reports of Pumpage Fees received and delinquent.**





# Financial Report Summary

- **Consultant and expense checks**
- **Approval of the Financial Report**
- **Authorization for payment of bills.**





# GENERAL MANAGER'S ACTION ITEMS

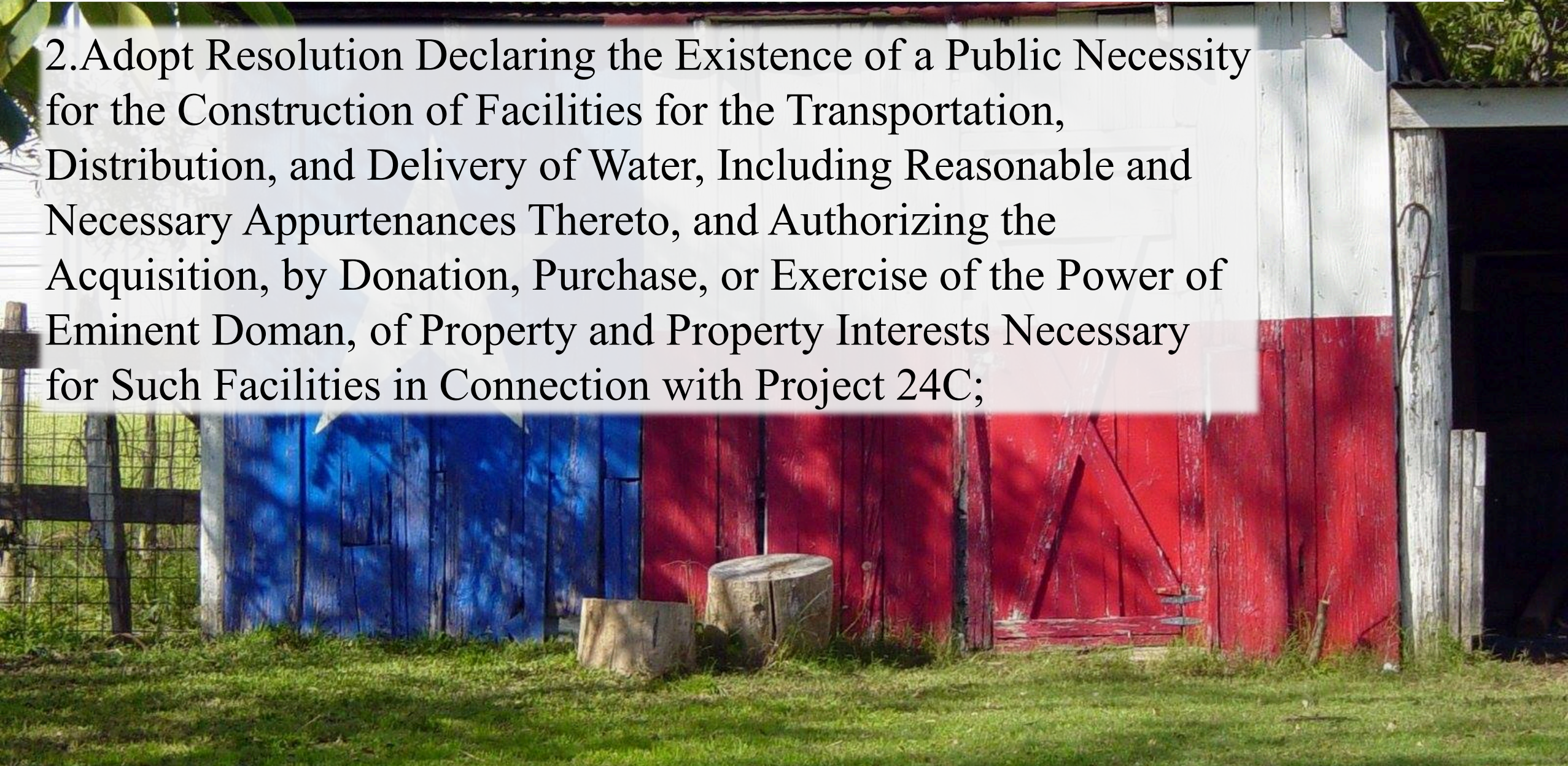
Adopt Resolution Adopting Policy and Procedures  
for February 2021 Freeze Event Fee Adjustment  
Credits;



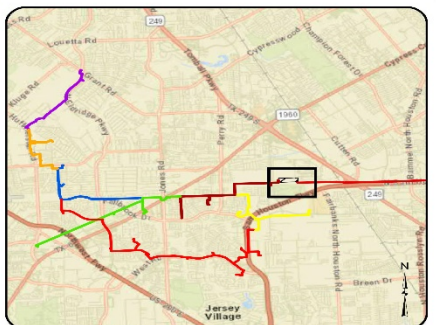
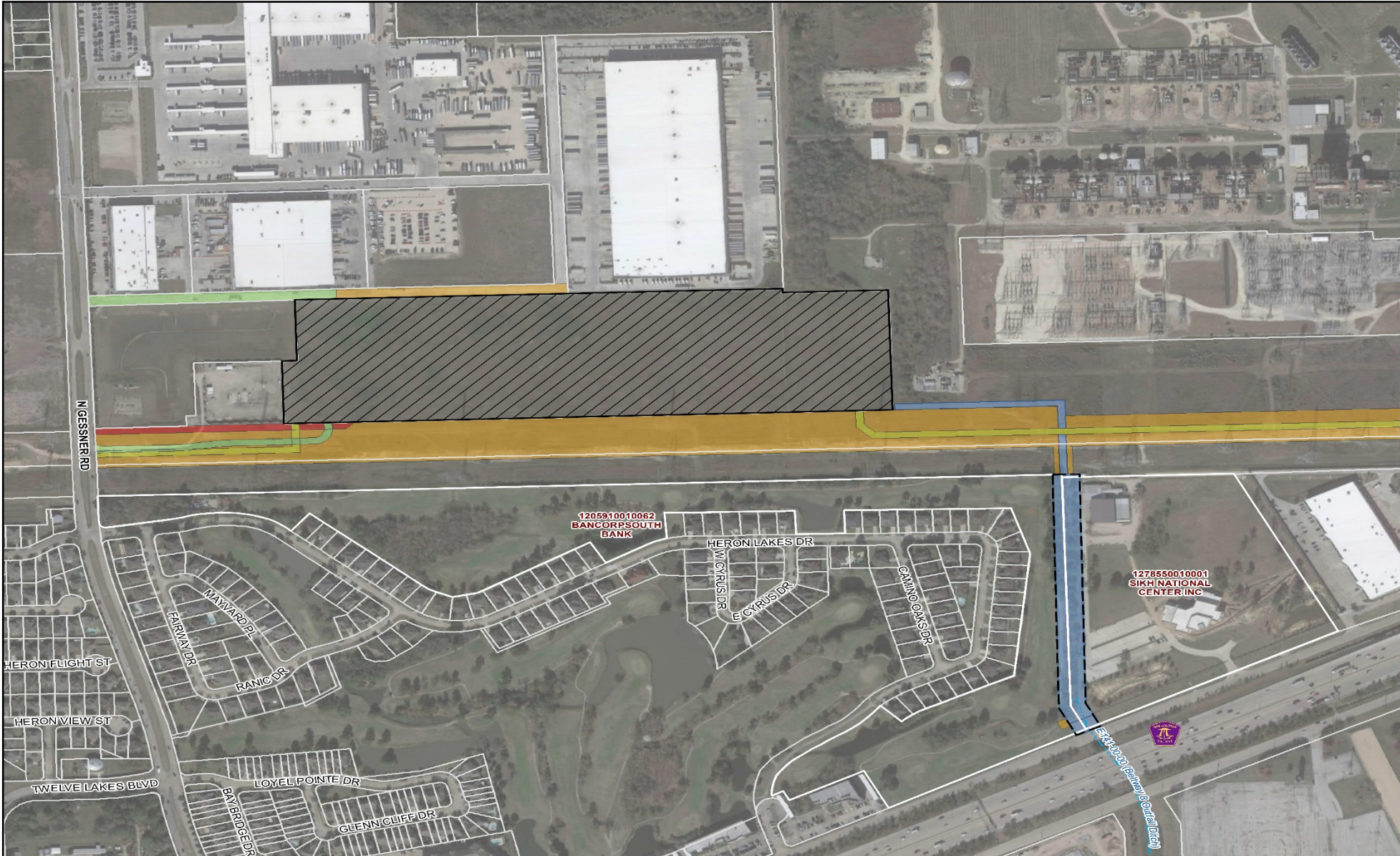


# GENERAL MANAGER'S ACTION ITEMS

2. Adopt Resolution Declaring the Existence of a Public Necessity for the Construction of Facilities for the Transportation, Distribution, and Delivery of Water, Including Reasonable and Necessary Appurtenances Thereto, and Authorizing the Acquisition, by Donation, Purchase, or Exercise of the Power of Eminent Domain, of Property and Property Interests Necessary for Such Facilities in Connection with Project 24C;



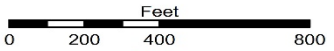




**VICINITY**

**Legend**

- Project 24C SH 249 Regional Pump Station Site
- Proposed WLE
- Proposed TCE
- Proposed Drainage Easement
- Proposed Sanitary Sewer Easement
- Proposed Access Easement
- HCFCF ROW
- HCAD Parcels
- Stream Centerline



Source:  
Imagery from TxDOT/Google/Imagery, 2019;  
Parcels from HCAD, January 2021;  
HCFCF ROW from HCFCF, 2019.



2025 Water Distribution and Transmission System

**Project 24C**



# GENERAL MANAGER'S ACTION ITEMS

3. Award of contract for construction of Project 25B and authorize execution of same;

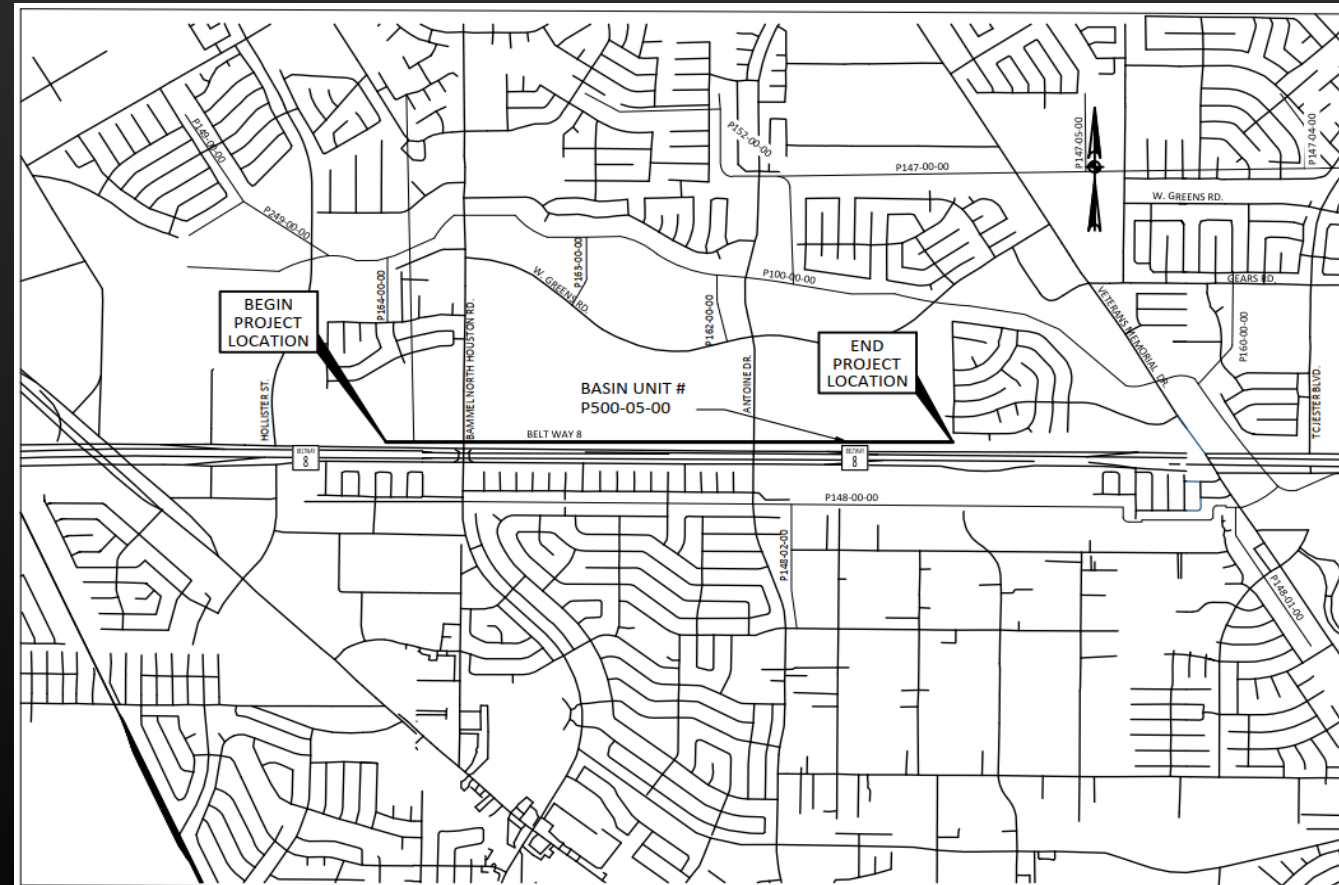




## Project 25B

### 84-inch Diameter Water TL within CenterPoint Corridor

- ~ 8,950 LF of 84-inch welded steel waterline
  - 7,490 LF of open-cut
  - 164 LF of open-cut with casing
  - 1,296 LF of trenchless
- ~ Two (2) 84-inch Butterfly Valves
- ~ Six (6) Air/Vacuum Relief Assemblies
- ~ Seven (7) Access Manways
- Substantial Completion within 309 days
- Final Completion within 339 days



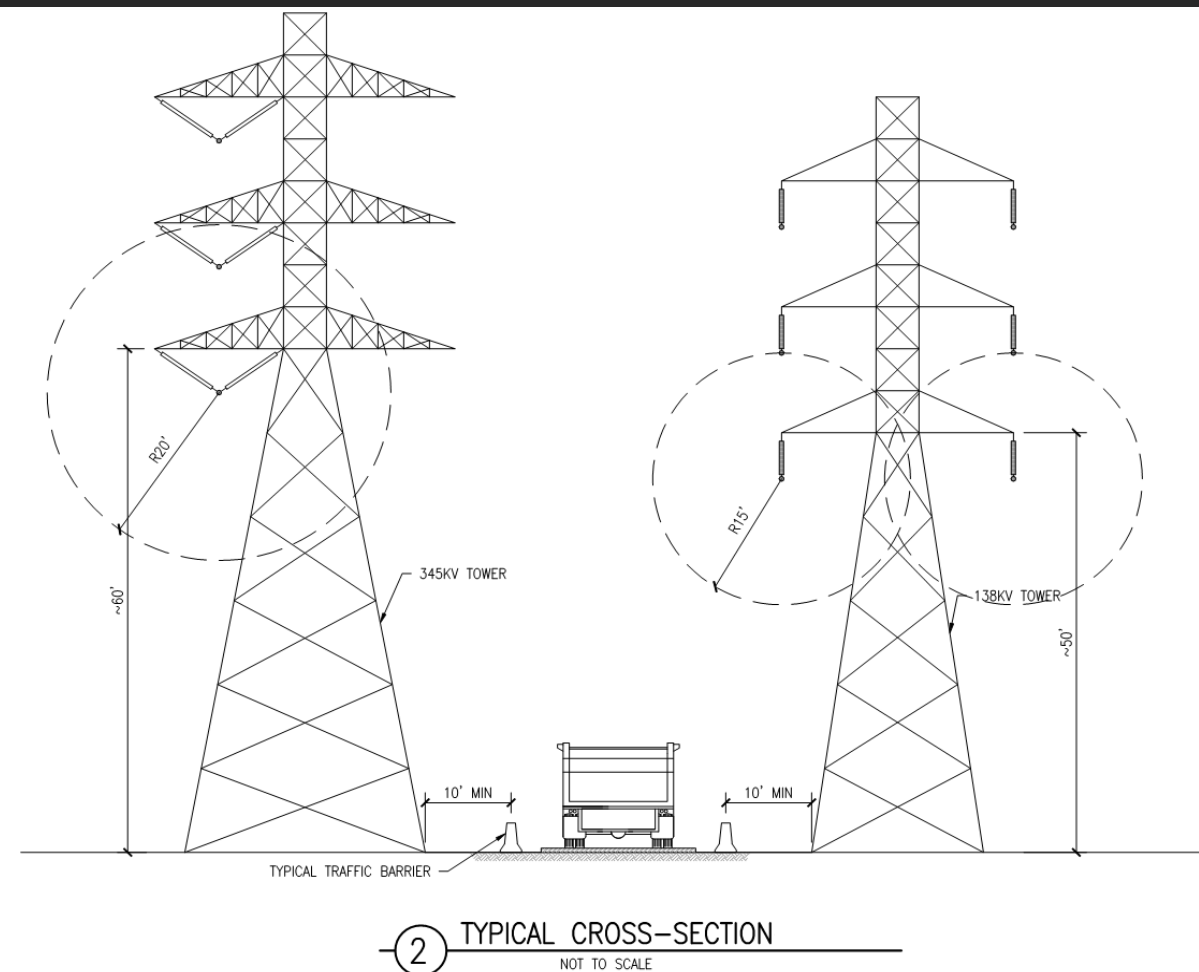
**VICINITY MAP**

KEY MAP NO 371S, 371T, 371U  
GIMS MAP NO 5064b, 5065d, 5164a, 5165c





Typical CenterPoint Corridor Cross Section





## Project 28F

- Advertised for construction bids on January 15, 2021.
- Prebid conference held January 26, 2021 at 10am
- Bids opened on February 9, 2021 at 10am
- Six (6) bids were received, ranging from \$14,538,675.00 to \$21,217,138.94

**Recommendation is to award Project 25B to the low bidder, McKee Utility Contractors, Inc. in the amount of \$14,538,675.00**



**Confirm next regular meeting date  
on Monday, May 3, 2021, at 6:00 p.m.**





# PUBLIC COMMENTS







**Please use water  
wisely!**

**You never know  
when a friend  
will need it!**



**AGENDA**  
**NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY**

The Board of Directors of the North Harris County Regional Water Authority (the "Authority") will hold a regular meeting, open to the public, on **Monday, April 5, 2021, at 6:00 p.m., at the Authority's Office, 3648 Cypress Creek Pkwy., Suite 110, Houston, Harris County, Texas 77068 and by Zoom** teleconference and/or videoconference; **REGISTRATION IS REQUIRED** and may be done at <https://zoom.us/meeting/register/tJAsduCrqj8pHdcLXoND46KC7BhYOljC5mWp> and a telephone number to join via teleconference, a link to join via videoconference, and a password to access the conference will be provided. Registration and information about attending the meeting in-person can be found at [www.nhcrwa.com](http://www.nhcrwa.com); however, seats for in-person attendance are limited. The meeting packet will be posted on the Authority's website at <https://www.nhcrwa.com/meetings>. The subject of this meeting is to consider and act on the following matters:

- A. Call to Order;
- B. Message from the President;
- C. Board Member Comments;
- D. Public Comments (15 minutes);
- E. **REPORTS:**
  - 1. Report on status of activities by communications/public information consultant;
  - 2. General Manager's Report, including:
    - a. report on miscellaneous administrative matters, including correspondence received from constituents of the Authority;
    - b. update on status of Surface Water Conversion Program; and
    - c. update on 2010-2025 Water Distribution and Transmission System;
  - 3. Program Manager's Report;
  - 4. Attorney's Report;
- F. **REGULAR AGENDA:**
  - 1. Approval of minutes of the March 1, 2021 regular meeting;
  - 2. Financial Assistant's Report, including:
    - a. approve payment of bills and issuance of checks, review budget comparison and report on status of payments of quarterly pumpage fees;



G. General Manager's action items, including:

1. Adopt Resolution Adopting Policy and Procedures for February 2021 Freeze Event Fee Adjustment Credits;
2. Adopt Resolution Declaring the Existence of a Public Necessity for the Construction of Facilities for the Transportation, Distribution, and Delivery of Water, Including Reasonable and Necessary Appurtenances Thereto, and Authorizing the Acquisition, by Donation, Purchase, or Exercise of the Power of Eminent Domain, of Property and Property Interests Necessary for Such Facilities in Connection with Project 24C;
3. Award of contract for construction of Project 25B and authorize execution of same;

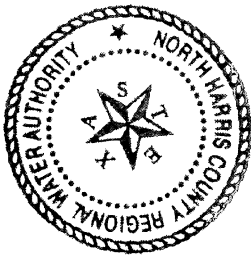
H. Confirm next **regular meeting date on Monday, May 3, 2021, at 6:00 p.m.**;

I. Public Comments (15 minutes); and

J. Adjourn.

If, during the course of the meeting covered by this Notice, the Board should determine that a closed or executive session of the Board should be held or is required in relation to any agenda item included in this Notice, then such closed or executive meeting or session, as authorized by the Texas Open Meetings Act, will be held by the Board at the date, hour, and place given in this Notice concerning any and all subjects for any and all purposes permitted by Sections 551.071-551.084 of Texas Government Code and the Texas Open Meetings Act, including, but not limited to Section 551.071, for the purpose of a private consultation with the Board's attorney on any and all subjects or matters authorized by law.

EXECUTED this 29<sup>th</sup> day of March, 2021.



NORTH HARRIS COUNTY REGIONAL  
WATER AUTHORITY

By: 

Robin S. Bobbitt/Jonathan D. Polley  
Radcliffe Bobbitt Adams Polley PLLC  
General Counsel for the Authority



**\*As a result of the current COVID-19 virus epidemic emergency, the Board will conduct this meeting by teleconference and/or videoconference pursuant to guidance of the Governor of the State of Texas while also allowing limited in-person attendance by the public. Whether attending in person or by Zoom, members of the public may participate and address the Board during the meeting. In all respects, this meeting will be open to the public and compliant with applicable law and guidance of the Governor of the State of Texas.**





Jun Chang, P.E., D.WRE  
General Manager

**BOARD OF DIRECTORS**  
Alan J. Rendl, President  
Kelly P. Fessler, Vice President  
Lenox A. Sigler, Secretary  
Ron Graham, Asst. Secretary  
James D. Pulliam, Treasurer

## MEMORANDUM

**To:** NHCRWA Board of Directors  
**From:** Jun Chang, P.E.  
**Date:** March 31, 2021  
**Subject:** General Manager's Report  
April 5, 2021 Meeting

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The General Manager offers comments regarding certain items for the April 5, 2021 Agenda as follows:

### Reports

**E.2.a. Report on miscellaneous administrative matters, including correspondence received from constituents of the Authority.**

#### **SWIFT Funding Update**

On November 15, 2017 the Authority closed with the TWDB on a Multi-Year Commitment of \$391,715,000. The TWDB estimates the Authority has received savings to date of \$109,076,334 by utilizing the SWIFT Program; comparing TWDB's AAA Bond Rating vs. rates the Authority would expect to receive in the open market. The \$109,076,334 reflects interest savings on the Authority's 2015 (\$80,435,000), 2016 (\$195,050,000), and 2017 (\$391,715,000) SWIFT funds closings totaling \$667,200,000.

On January 8, 2018 the Authority Board authorized the preparation and submittal of SWIFT 2018 Round IV Abridged Applications to the TWDB for Authority infrastructure projects.

On January 31, 2018 the Authority submitted Public Comments on Proposed TWDB Rules and the Guidance Document Implementing the U.S. Steel Requirements of Senate Bill 1289, 85<sup>th</sup> Legislature, Regular Session.

On February 1, 2018 the Authority submitted to the TWDB the 2018 SWIFT Annual Confirmation of Multi-Year Commitment Annual Loan Closing Schedule.



On February 1, 2018 the Authority submitted two (2) 2018 SWIFT Abridged Applications to the TWDB. One Abridged Application was submitted requesting \$601,845,000 for the remainder of the Authority's 2025 Distribution System. The second Abridged Application was submitted requesting \$222,070,000 for additional funding of the Authority's share (35.31%) of the Expansion of the Northeast Water Purification Plant.

On February 1, 2018 the Authority received confirmation from the TWDB of receipt of the Authority's two (2) Abridged Applications requesting SWIFT Funding.

On Thursday, March 29, 2018 the Authority received notice that the TWDB Board will meet on April 5<sup>th</sup> to prioritize the 2018 SWIFT Abridged Applications. Invitations to submit full Financial Assistance Applications will be due by Close of Business Friday, May 4, 2018.

On April 5, 2018 the TWDB Board met and approved the SWIFT prioritization list and authorized the Executive Administrator to proceed with the invitations of applications for financial assistance.

On April 5, 2018 the Authority received notification from the TWDB that the Authority's abridged applications had been approved by the TWDB Board on April 5, 2018. The TWDB extended an invitation to the Authority to submit complete applications for financial assistance through the SWIFT program for the Authority's two (2) 2018 Swift abridged applications.

On May 4, 2018 the Authority submitted two (2) 2018 SWIFT Financial Assistance Applications to the TWDB. One Financial Assistance Application was submitted requesting \$601,845,000 for the remainder of the Authority's 2025 Distribution System. The second Financial Assistance Application was submitted requesting \$222,070,000 for additional funding of the Authority's share (35.31%) of the Expansion of the Northeast Water Purification Plant.

On May 8, 2018 the Authority received notification from the TWDB that the Authority's Financial Assistance Application (Project No. 51004-Authority's 2025 Distribution System) has been determined to be administratively complete. On May 9, 2018 the Authority received notification from the TWDB that the Authority's Financial Assistance Application (Project No. 51023-Expansion of the Northeast Water Purification Plant) has been determined to be administratively complete.

On June 26, 2018 the TWDB Financial Compliance Team conducted a Site Visit at the Authority's Office. The TWDB Financial Compliance Team routinely visits each of the TWDB's largest borrowers annually. The TWDB Financial Compliance Team (Carleton Wilkes, Team Lead and Dennis Kyhos) met with Authority Senior Management and John Howell, Authority Financial Advisor.

On July 26, 2018 the TWDB met and approved the Authority's two (2) SWIFT Financial Assistance Applications and authorized \$823,915,000 in financial assistance from the SWIRFT for costs related to the Northeast Water Purification Plant and the Authority's Internal Distribution System Expansion.



On August 6, 2018 the Authority Board Authorized the Execution of a Financing Agreement with the Texas Water Development Board in the amount of \$469,345,000 from the SWIRFT. On August 15, 2018 the Authority submitted signed originals of the Financing Agreement to the TWDB.

On October 1, 2018 the Authority Board Approved a Tenth Supplemental Resolution Authorizing the Issuance of Authority Senior Lien Revenue Bonds, Series 2018, in the aggregate principal amount of \$469,345,000.

On November 15, 2018 the Authority closed with the TWDB and issued \$469,345,000 of Authority Senior Lien Revenue Bonds, Series 2018.

On January 29, 2019 the Authority submitted to the TWDB the 2019 SWIFT Annual Confirmation of Multi-Year Commitment Annual Loan Closing Schedules for the Authority's four (4) SWIRFT funded Projects.

On May 6, 2019 the TWDB Financial Compliance Team conducted a routine Site Visit to the Authority's Office. The TWDB Financial Compliance Team visits each of the TWDB's largest borrowers annually. The TWDB Financial Compliance Team (Carleton Wilkes, Team Lead and Dennis Kyhos) met with Authority Management (Jun Chang, Cyndi Plunkett and Mark Evans) and John Howell, Authority Financial Advisor.

On June 4-6, 2019 the Authority's Co-Bond Counsel Jerry Kyle, Jr. and Authority Financial Advisor John Howell submitted to the TWDB financial documents required for the Authority's fall closing with the TWDB. The documents included drafts of the Eleventh Supplemental Resolution, the related Private Placement Memorandum and debt service schedules for each of the Authority's four (4) projects that will receive additional TWDB SWIFT funding in 2019.

On August 5, 2019 the Authority Board Authorized the Execution of a Financing Agreement with the Texas Water Development Board in the amount of \$230,200,000 from the SWIRFT. On August 28, 2019 the Authority submitted signed originals of the Financing Agreement to the TWDB.

On September 10, 2019 the Authority was host to the TWDB's SWIFT Team, led by Nancy Richards, and to representatives of the Central Harris County Regional Water Authority, for a Joint SWIRFT Pre-Closing Meeting to prepare for the Authority's 2019 SWIRFT Closing. The Authority was represented at the Pre-Closing Meeting by the Authority's Management and Staff, Co-Bond Counsel, Program Management and Financial Advisor.

On October 7, 2019 the Authority Board Approved an Eleventh Supplemental Resolution Authorizing the Issuance of Authority Senior Lien Bonds, Series 2019 in the principal amount of \$230,200,000.

On November 15, 2019 the Authority closed with the TWDB and issued \$230,200,000 of Authority Senior Lien Revenue Bonds, Series 2019. The 2019 TWDB SWIRFT funding includes funding for the (1) Expansion of the Northeast Water Purification Plant (\$89,930,000), (2) Second Source Transmission Line (Northeast Transmission Line)



Phase I (\$29,025,000), (3) Second Source Transmission Line Phase II (\$47,155,000), and (4) 2025 Distribution System Expansion (\$64,090,000).

On January 28, 2020 the Authority submitted to the TWDB the 2020 SWIFT Annual Confirmation of Multi-Year Commitment Annual Loan Closing Schedules for the Authority's three (3) SWIRFT funded Projects scheduled to receive SWIRFT funding in FY 2020.

On February 7, 2020 the Authority submitted a letter to the TWDB requesting approval to transfer committed TWDB funds between Authority projects. Upon TWDB approval the Authority will have the flexibility to move excess funds between SWIFT projects in order to maximize the Authority's use of committed TWDB funds. The TWDB Board is expected to take up the Authority's request in early April.

On April 9, 2020 the Texas Water Development Board met and delegated Authority to the TWDB Executive Administrator to approve the Authority's February 7, 2020 request to transfer funds among the Authority's SWIRFT Projects.

The TWDB estimates the Authority will receive savings of \$237,818,559 by utilizing the SWIFT Program; comparing TWDB's AAA Bond Rating vs. rates the Authority would expect to receive in the open market.

On June 4, 2020 the TWDB Board met and Approved the 2020 SWIFT Program terms of subsidy and Adopted guidance parameters regarding the future management of the SWIFT Program. Interest rates are set at the time of annual loan closing and are based upon the TWDB cost of funds less the applicable subsidy. The TWDB Board Approved SWIFT Program terms that is unchanged for the 2020 funding cycle. The TWDB Board also reduced the SWIFT subsidy for the 2021 SWIFT funding cycle and those reduced subsidies will remain in place indefinitely.

On August 3, 2020 the Authority Board Authorized the Execution of a Financing Agreement with the TWDB in the amount of \$78,670,000 from the SWIRFT. On August 12, 2020 the Authority submitted signed originals to the TWDB.

On October 5, 2020 the Authority Board Approved a Twelfth Supplemental Resolution authorizing issuance of Authority Senior Lien Revenue Bonds, Series 2020 in the principal amount of \$78,670,000. The TWDB is now estimating that the Authority will receive savings of approximately \$250,000,000 by utilizing the SWIFT Program; comparing TWDB's AAA Bond Rating vs. rates the Authority would expect to receive in the open market.

On November 19, 2020 the Authority closed with the TWDB and issued \$78,670,000 of Authority Senior Lien Revenue Bonds, Series 2020. The 2020 SWIRFT closing brought the total Authority TWDB SWIRFT funding to \$1,445,415,000. The total TWDB funding commitment to the Authority is \$2,075,995,000.

On December 9, 2020 the TWDB Financial Compliance Team (Carleton Wilkes, Team Lead and Dennis Kyhos) conducted a virtual meeting with Authority management. The TWDB Financial Teams meets with each of the TWDB's largest borrowers annually.



The Authority was represented in the meeting by Jun Chang, Cyndi Plunkett and Mark Evans, and John Howell, Authority Financial Advisor.

On January 27, 2021 the Authority submitted to the TWDB the 2021 SWIFT Annual Confirmation of Multi-Year Commitment Annual Loan Closing Schedules for the Authority's two (2) SWIRFT funded projects scheduled to receive SWIRFT funding in FY 2021.

## **GROUNDWATER REDUCTION PLAN UPDATE**

On June 11, 2003, the Harris-Galveston Subsidence District ("HGSD") Board of Directors approved the North Harris County Regional Water Authority (the "Authority") Groundwater Reduction Plan ("GRP"). Submittal of the GRP for review and approval by the HGSD was a requirement of the HGSD 1999 Regulatory Plan. This GRP document served as a very effective "game-plan" for development and implementation of the Authority's 2010 Surface Water Transmission and Distribution System.

After the data from the 2010 U.S. Census became available, the HGSD began a process to update the 1999 Regulatory Plan which then resulted in development of the 2013 Regulatory Plan that was adopted by the HGSD Board of Directors on January 9, 2013 and amended on May 8, 2013. One of the requirements of this updated Regulatory Plan is that permittees having an approved GRP must incorporate any changes required by the updated plan and submit a revised GRP to HGSD no later than July 1, 2014.

AECOM Technical Services, Inc. ("AECOM") was engaged by the Authority to develop the required Groundwater Reduction Plan Update. The draft of this document was presented at the June 2, 2014 Authority Board of Directors meeting to the Board members and audience with that presentation focusing on the major components of the document that were to be submitted to the HGSD. Subsequent to the presentation, the Authority Board voted unanimously to approve the GRP Update and to authorize the General Manager to submit the GRP Update to the HGSD on or before July 1, 2014.

A major requirement of that plan is that the Authority achieves a 60% use of surface water by 2025 as compared to the current 30% requirement. In order to reach that 60% mandate, the Authority will have to deliver surface water to a significant number of additional utility districts which will require construction of a greatly expanded water transmission and distribution system.

In addition, the Authority will be required to participate in the cost of the City's expansion of the Northeast Water Purification Plant as well as construction of a second transmission line from the Plant and will also have to pay the Authority's prorata share of the cost of constructing the Luce Bayou Interbasin Transfer Project. For at least a couple of years, I have included a monthly status report in my General Manager's Report for each of these projects. The original focus of these reports was on the status of negotiations with the City of Houston on the contracts / legal agreements required for each of these projects. Now that each of these projects had reached the engineering design and/or construction phase, I have requested of Steve Berckenhoff that he now include the status reports in his Program Manager's Report.



**E.2.b. Update on status of Surface Water Conversion Program.**

Steve Berckenhoff will provide a report regarding the status of the Permit Year 2010-2025 Surface Water Conversion Program.

**E.2.c. Update on 2010-2025 Water Distribution and Transmission System.**

AECOM Technical Services, Inc. ("AECOM") as the Program Manager for the Authority, has broad responsibility for monitoring and coordinating the activities of the various consultants (civil engineers, surveyors, groundwater hydrology engineers, geotechnical engineers, real estate acquisition firms, etc.) who are providing professional services for the 2010-2025 water distribution and transmission system. Of primary concern to me as General Manager, is that we approach this program with a constant eye toward schedule and budget.

**G.1. Adopt Resolution Adopting Policy and Procedures for February 2021 Freeze Event Fee Adjustment Credits.**

I will present this Agenda Item at the Board meeting and will be ready to answer any questions that you might have.

I recommend that this Agenda Item be approved by the Authority Board of Directors.

**G.2. Adopt Resolution Declaring the Existence of a Public Necessity for the Construction of Facilities for the Transportation, Distribution, and Delivery of Water, Including Reasonable and Necessary Appurtenances Thereto, and Authorizing the Acquisition, by Donation, Purchase, or Exercise of the Power of Eminent Domain, of Property and Property Interests Necessary for Such Facilities in Connection with Project 24C.**

On May 2, 2016, the Board of Directors adopted the initial Resolution which declared the Existence of a Public Necessity for the Construction of Facilities in Connection with the 2025 Water Distribution and Transmission System (Initial Phase), and authorized the real estate acquisition process to proceed for the designated projects. Since that time, modifications have been made to the routing of the 2025 Water Distribution and Transmission System (Initial Phase), resulting in the need for amending the initial Resolution.

It is now timely and necessary that the above captioned Amended Resolutions be adopted by the Board. Adoption of these Amended Resolutions will provide the necessary authorization for the Authority's real estate acquisition team to proceed with the acquisition of property and property interests for the construction of facilities necessary for the transportation, distribution, and delivery of water in connection with the 2025 water distribution and transmission system (initial phase). The general locations and general routes of the property and property interests to be acquired are as depicted in Exhibit 1 to the Resolution. This map is included in your Board packet under Tab 7mark.

Authority General Counsel Robin Bobbitt has been working very closely with Ms. Kate David, Authority's right-of-way/easement attorney, in developing the legal language for



these amended Resolutions to make certain that the Authority is in compliance with Senate Bill 18.

Steve Berkenhoff will be present to discuss and answer any questions that Board members might have regarding the legal process for property acquisition by the Authority.

I recommend that the Board of Directors approve this Agenda Item.

**G.3. Award of contract for construction of Project 25B and authorize execution of same.**

Included in your Board packet under Tab 8 is the following information related to this Agenda Item:

1. Copy of a February 19, 2021 letter from Mr. Ahmed Alrawe, P.E. by which he transmitted the bid tabulation for Project 25B and recommended award of contract to McKee Utility Contractors, Inc., on the basis of their low bid of \$14,538,675.00
2. Copy of my March 2, 2021 letter to Mr. Tyler McKee of McKee Utility Contractors, Inc., notifying him of my intent to recommend award of contract to the Board of Directors at the April 5, 2021 Board meeting.
3. Copy of my March 31, 2021 letter to the Board of Directors recommending award of contract to McKee Utility Contractors, Inc., for Project 25B in the amount of \$14,538,675.00

I am herewith recommending that the Board of Directors approve this Agenda Item.



# **PROGRAM MANAGER'S OVERVIEW OF KEY ACTIVITIES AND UPDATE ON REGIONAL WATER PROJECTS**

**Presented at the April 5, 2021  
North Harris County Regional Water Authority ("Authority") Board Meeting**

## **SURFACE WATER CONVERSION**

- During March Spears Road Regional Pump Station delivered treated surface water to the Authority at an average daily rate of approximately 20.1 MGD (million gallons per day).
- Alternative water i.e. surface water, etc., usage during February was approximately 22.5% compared to approximately 32.3% in January.
- During February approximately 52.3% of the water used by the Public Water Systems ("PWSs") in the 2010 service area was Alternative Water.

## **MAJOR ACTIVITIES**

- Continued oversight of engineering, acquisition and construction related activities.
- Assisted the Authority in a variety of activities involving the City of Houston ("City").
- Assisted the Authority in implementing and performing tasks regarding its aggregate water well permit ("Permit").
- Provided oversight, on behalf of the Authority, of Inframark activities and its contract to operate the Authority's system.
- Monitored, tabulated, and analyzed amounts of water used by PWSs covered by the Authority's aggregate water well permit and where necessary and practical, in consort with Inframark, took appropriate actions to optimize the use of surface water.

## **REGIONAL WATER PROJECTS**

### **Luce Bayou Interbasin Transfer Project ("Luce Bayou Project")**

- Capers Ridge Pump Station – Completed installation of all permanent pipe supports. Completed connection to Electrical Substation and energized switchgear building, electrical building, control building, pump motor control panels and low voltage systems. Installed SCADA computers and monitors. Continued preparation of all aboveground piping for final paint coatings.
- Dual 96-Inch Diameter Pipelines – Completed concrete pavement and electrical connections at Pig Retrieval Facility.



- Canal Segments 1 through 5 – Projects Complete.
- Completed removal of temporary dams from canals and installed ballast in water level control gates.

#### Expansion of Northeast Water Purification Plant (“NEWPP”)

- Construction of Central Plant continues with concrete work and piping at filter modules, and masonry and wall placement at Transfer Pump Station.
- Construction of North Plant continues with ongoing formwork, rebar placement and structural concrete for various structures.
- Ongoing installation of Pump Station metal decking and overhead bridge crane.
- Installation of roof blocking and electrical work at Administration Building. Completed installation of roofing at Maintenance Building.
- Construction of South Plant continues with installation of concrete pad and wall panels at GST. Continued work on dewatering building.
- Ongoing installation of duct bank and feeder cabling at Main Switchgear Building.
- The Houston Waterworks Team (HWT) continues to progress procurement of various BOP packages.
- The Project Advisor/Technical Consultant (PATC) continues to provide construction oversight services on behalf of the City and Authorities.

#### Northeast Transmission Line (“NETL”)

- Construction of the 54-inch interconnect (Project S-000900-0127) is complete.
- Construction of the 120-inch section of line (Project S-000900-0174) is complete.
- Construction of two (2) 108-inch sections of line (Project S-000900-0156 and S-000900-0126) are complete.
- Construction of two (2) 108-inch sections of line (Project S-000900-0155 and S-000900-0154) are substantially complete.
- Construction of six (6) other sections of the 108-inch line (S-000900-0167, S-000900-0157, S-000900-0165, S-000900-0168, S-000900-0164 and S-000900-0140) and the 66-inch interconnect (S-000900-0166) is ongoing.
- Real estate acquisition effort continues two sections of the line.



**North Harris County Regional Water Authority  
Program Manager's Report  
Report Period: February 20, 2021 – March 26, 2021**

**KEY ACTIVITIES DURING REPORTING PERIOD**

1. Miscellaneous program management/administration duties, i.e. responded to e-mails, inquiries, attended meetings, provided information, etc.
2. Prepared Program Manager's Report for the March 1, 2021 Authority Board meeting.
3. 2/22/21 – Conducted online meeting with Property Acquisition Services, HR Green and KUO addressing acquisition issues on Project 6C-1.
4. 2/22/21 – Participated in conference call with Authority representatives and RBAP Attorneys to discuss on-going Authority matters.
5. 2/23/21 – Met with representative of the Texas Water Development Board to obtain final signed approvals on plan sheets for Project 25C.
6. 2/24/21 – Online meeting with Authority's Design Manager to discuss Project 1A-4 proposed alignment.
7. 2/24/21 – Conducted a virtual progress meeting for Project 1A-4 with Authority's Design Manager and representatives of IDS.
8. 2/25/21 – Conducted a virtual meeting on Project 6C-1 to discuss real estate acquisition issues with representatives of PAS Property Acquisition Services and Husch Blackwell.
9. 2/25/21 - Participated in a NEWPP Telemetry Discussion with the Authority's General Manager, other regional water authorities, and representatives of the City of Houston, Carollo, Inframark, and the Authority's system integrator.
10. 2/26/21 – Conducted a virtual progress meeting for Project 31F with Authority's Design Manager and representatives of FNI.
11. 3/1/21 – Conducted a virtual meeting for Project 31C Parcel Index Map with a representative of Carollo.
12. 3/1/21 – Conduct online meeting with Property Acquisition Services addressing acquisition issues on Project 6C-2.
13. 3/1/21 - Attended and participated in joint on-line meeting with other regional water authorities and City of Houston PATC team to receive status update regarding NEWPP project.
14. 3/1/21 - Prepared Program Manager's Report and Presented Program Manager's Report at March 1, 2021 Board of Directors Meeting.
15. 3/3/21 – Conducted a virtual progress meeting on Project 25E to discuss progress on real estate acquisition with representatives of PAS Property Acquisition Services, Husch Blackwell, and JLL, Inc.
16. 3/3/21 - Conducted a virtual progress meeting for Project 31B with Authority's Design Manager and representatives of Jones & Carter, Inc.
17. 3/3/21 – Conducted a virtual progress meeting for Project 6C-2 with the Authority's Design Manager and representatives from LJA.



18. 3/4/21 - Conducted a virtual progress meeting for Project 31E with Authority's Design Manager and representatives from BBI.
19. 3/4/21 -- Conducted a virtual progress meeting for Project 7D-1 with the Authority's Design Manager and representatives from KIT.
20. 3/4/21 - Conducted a virtual progress meeting for Project 31F with the Authority's Design Manager and representatives from FNI.
21. 3/5/21 – Conducted a virtual meeting for Project 2-8 with Specific Energy, the Authority's System Integrator, and representatives of AECOM.
22. 3/5/21 – Conducted a virtual meeting for Project 1A-4 to discuss on going real estate acquisition issues with representatives of PAS Property Acquisition Services, Husch Blackwell, and JLL, Inc.
23. 3/9/21 - Conducted a monthly progress meeting for Project 24-C with Authority's General Manager, Design Manager, Construction Manager, Technical Advisor, and representatives of Dannenbaum, Black & Veatch, and Carollo.
24. 3/9/21 – Attended a construction progress meeting for the Northeast Transmission Line Projects S-000900-0140, S-000900-0165 and S-000900-0168.
25. 3/10/21 – Attended a construction progress meeting for the Northeast Transmission Line Projects S-000900-0157, S-000900-0164 and S-000900-0167.
26. 3/10/21 – Conducted a meeting for Project 31F with Authority's Design Manager, representatives of BBI, and AT&T to discuss utility conflict.
27. 3/10/21 – Conducted a meeting for Project 31E with Authority's Design Manager and representatives of BBI to discuss easement needs and Tree Protection efforts.
28. 3/11/21 – Conducted a monthly progress meeting for Project 31A with Authority's Design Manager and representatives of Aurora Technical Services, LLC.
29. 3/11/21 – Conducted a meeting for Project 31E with Authority's Design Manager and representatives of BBI to discuss storm sewer conflict and easement needs.
30. 3/12/21 – Participated in a virtual meeting on Project 31C to discuss easement acquisition issues with representatives of PAS Property Acquisition Services, Husch Blackwell, and JLL, Inc.
31. 3/15/21 - Attended and participated in joint on-line meeting with other regional water authorities and City of Houston PATC team to receive status update regarding NEWPP project.
32. 3/15/21 – Conducted a meeting concerning revised alignment for Project 6C-1 with representatives of HCFCD, HR Green and AECOM.
33. 3/17/21 – Conducted a monthly progress meeting for Project 31D with Authority's Design Manager and representatives of Carollo.
34. 3/17/21 – Conducted a monthly progress meeting for Project 31C with Authority's Design Manager and representatives of IDS Engineering Group.
35. 3/17/21 – Conducted a monthly progress meeting for Project 6C-1 with Authority's Design Manager and representatives of HR Green.
36. 3/17/21 – Conducted a monthly progress meeting for Project 31E with Authority's Design Manager and representatives of BBI.
37. 3/18/21 - Participated in a design coordination meeting for Project 24C with Enchanted Rock and representatives of Dannenbaum and Carollo.



38. 3/18/21 – Conducted a monthly progress meeting for Project 31F with Authority's Design Manager and representatives of FNI.
39. 3/22/21 – Participated in Board Meeting Agenda conference call with Authority staff and attorney.
40. 3/23/21 - Conducted a virtual meeting for Project 24C with Specific Energy, the Authority's System Integrator, and representatives of Dannenbaum and Black & Veatch.
41. 3/23/21 – Participated in meeting with Harris County discussing multiple projects with Harris County ROW matters.
42. 3/23/21 – Participated in meeting with PAS Property Acquisition Services, Husch Blackwell, and Authority's Design Manager to discuss geotechnical issues on private property.
43. 3/23/21 – Participated in meeting with representatives of Northwest Harris County MUD No. 19, RBAP Attorneys, and the Authority's Planning and Governmental Affairs Director to discuss future Alternative Water Use Agreement.
44. 3/24/21 – Conducted a monthly progress meeting for Project 1A-4 with the Authority's Design Manager and representatives of IDS.
45. 3/24/21 – Conducted site visit meeting for Project 31F with the Authority's Design Manager and representatives of BBI to review alignment and construction issues.
46. 3/25/21 - Participated in a design coordination meeting for Project 24C with Enchanted Rock and representatives of Dannenbaum and Carollo.
47. 3/26/21 – Conducted a virtual meeting for Project 31E with representatives of AECOM and BBI to discuss a storm sewer conflict.
48. 3/18/21 – Conducted a virtual construction progress meeting for Project 28B with contractor, the Authority's Construction Manager, Dannenbaum and the Project Inspectors.
49. 3/24/21 – Conducted a pre-construction meeting for Project 28F at the Authority's office with representatives of Mainlane Industries, the Authority's Construction Manager, Engineer of Record, and the Project Inspector.
50. Prepared the Authority's Annual Reconciliation Report for Permit Year 2019-2020.
51. Prepared and submitted the Authority's 2020 Annual Pumpage Report.
52. Oversaw Inframark's activities on behalf of the Authority.
53. Assisted as needed in identifying, assessing, and recommending solutions to system operational issues and performed various other efforts relevant to same.
54. Monitored, tabulated, and analyzed amounts of water used by PWSs covered by the Authority's Permit and where necessary and practical, in consort with Inframark and the respective PWS operator, took appropriate actions to increase the use of surface water.
55. Assisted the Authority and Inframark as needed in coordinating the delivery of surface water to the PWSs in the 2010 service area.
56. Assisted the Authority in developing and/or evaluating information and documents relative to development of the 2025 water supply system.
57. Assisted the Authority in a variety of activities involving the City.
58. Assisted the Authority as needed in responding to requirements of the TWDB regarding financial assistance under the TWDB SWIFT program.
59. Conducted status updates with the General Manager.



60. Assisted the Authority in the review of plans for Permitted Encroachments in the Authority's easements.
61. Updated the Authority's design standards, standard details, and front-end documents, as required.
62. Coordinated and communicated, as necessary, with the Texas Commission on Environmental Quality ("TCEQ") to facilitate implementation of the 2020-2021 Capital Improvement Plan, the Updated Groundwater Reduction Plan, and the conversion to and use of treated surface water.
63. Assisted the General Manager in efforts regarding installation of Authority water lines in Harris County ROW and Harris County Flood Control District easements/fee areas.
64. Developed scope of work for upcoming projects.
65. Monitored and/or coordinated the work and/or provided review comments, as necessary, on work products of consulting firms providing engineering, surveying, materials testing, or real estate acquisition services for the Authority.
66. Reviewed and forwarded recommendations concerning payment of invoices from the Authority's consultants and operator.
67. Updated project schedules and budgets, as necessary.

#### **KEY ACTIVITIES PLANNED FOR APRIL 2021**

1. Attend regular and any called special Authority Board meetings.
2. Participate in agenda preparation teleconference.
3. Attend status meetings with the General Manager.
4. Perform program management tasks and provide support to General Manager and Authority staff, as necessary.
5. Prepare Program Manager's Report for the next Authority Board meeting.
6. Coordinate monitor and/or review as necessary work done by the Authority's engineering, surveying, acquisition, and materials testing consultants.
7. Provide oversight on engineering efforts on Projects 28B through 28F, 25A through 25E, 24C, 28G, 6C-1, 6C-2, 7D-1 and 31.
8. Provide construction administration services and project representative services, as needed, on the On Call System Repair Contract.
9. Oversee Inframark's activities and serve as the primary contact on behalf of the Authority.
10. Continue as needed to help define, refine, and address operational and administrative issues relevant to surface water delivery.
11. Continue to assist the Authority and Inframark in coordinating the delivery of surface water to the PWSs in the 2010 service area.
12. Conduct hydraulic modeling of the system, as needed, to facilitate the use of surface water.
13. Monitor, tabulate and analyze amounts of water used by PWSs covered by the Authority's aggregate well permit and, where necessary and practical, in consort with Inframark and the respective PWS operator, take appropriate actions to optimize the use of surface water.



14. Assist the Authority as needed in developing and/or evaluating information and documents relative to discussions concerning the Luce Bayou Project and development of the 2025 water supply system.
15. Assist the Authority as necessary in activities involving the City, including the NETL and NEWPP Expansion Projects.
16. Assist the Authority in implementing and complying with its Permit.
17. Coordinate efforts with concerned PWSs wishing to enter into or amend their Water Supply Agreements with the Authority.
18. Coordinate and communicate, as necessary, with the TCEQ to facilitate implementation of the 2020-2021 CIP, the Updated Groundwater Reduction Plan and the conversion to and use of surface water.
19. Update Authority front-end documents, standard details, and design standards, as necessary.
20. Assist, as needed, in the refinement and updating of the costs utilized in the Authority's financial model.
21. Provide support, as necessary, to the Authority's financial advisors.
22. Assist the Authority in the review of plans for Permitted Encroachments in the Authority's easements.
23. Assist the Authority as needed in responding to requirements of the TWDB regarding financial assistance under the TWDB SWIFT program.
24. Develop draft scope of work for engineering consultants.
25. Monitor and/or coordinate the work and/or provide review comments, as necessary, on work products of consulting firms providing engineering, surveying, materials testing, or real estate acquisition services for the Authority.
26. Assist the Authority in the ongoing implementation of the Pilot Direct Connection to Westador MUD.
27. Assist the General Manager in negotiating scope and fees for various engineering engagements.
28. Assist the General Manager in efforts regarding installation of Authority water lines in Harris County ROW and Harris County Flood Control District easements.
29. Review and forward recommendations concerning payment of invoices from the Authority's consultants and operator and construction contractor pay estimate.
30. Update individual project schedules and budgets, as necessary.

### **KEY CURRENT PROGRAM ISSUES TO BE ADDRESSED / RESOLVED**

1. Implementation of the Authority's 2020-2021 CIP.
2. Assist in the ongoing administration and operation of the Authority's system and the distribution of surface water.
3. Assist the Authority in implementing and performing tasks concerning its Permit and communication with the concerned parties.
4. Assist the Authority, as necessary, in a variety of activities involving the City, including the NETL and NEWPP Expansion Projects.



MINUTES OF MEETING OF THE  
NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY

March 1, 2021

The Board of Directors (the "Board") of the North Harris County Regional Water Authority (the "Authority") met in regular session, open to the public, via Zoom at [https://zoom.us/meeting/register/tJUpe6rqjseEtB2B5K2Q-80bt4mzW169-G4](https://zoom.us/join/zoom/register/tJUpe6rqjseEtB2B5K2Q-80bt4mzW169-G4) and/or telephone conference call at 346-248-7799, passcode 4403924, pursuant to the Texas Governor's suspension of certain Texas Open Meetings Act provisions due to COVID-19, at 6:00 p.m. on Monday, the 1<sup>st</sup> day of March, 2021; whereupon, the roll was called of the duly constituted officers and members of the Board, to-wit:

Alan J. Rendl	President
Kelly P. Fessler	Vice President
Lenox A. Sigler	Secretary
Ron Graham	Assistant Secretary
Jim Pulliam	Treasurer/Investment Officer

All members of the Board were present, thus constituting a quorum. Also attending the meeting were: Mr. Jun Chang, P. E., D.WRE, General Manager for the Authority; Mr. Mark Evans, Director of Planning and Governmental Affairs for the Authority; Mr. and Doug Haude, P.E., Construction Manager of the Authority; Ms. Cynthia Plunkett, Finance Director for the Authority; Ms. Barbara Payne of Payne Communications, Communications Coordinator for the Authority; Messrs. Stephen Berckenhoff, P.E., and Mike Baugher, P.E., of AECOM Technical Services, Inc., Program Manager for the Authority; Mr. David Huang, P.E., and Ms. Katherine Mears, P.E.; of RPS Klotz Associates, on-call engineers for the Authority; Mr. Harrison Steed, P.E., of ARCADIS US, Inc., on-call engineers for the Authority; Ms. Melinda Silva, P.E., of Dannenbaum Engineering Corporation, on-call engineers for the Authority; Mr. Mike Bagstad, P.E., of Zarinkelk Engineering Services, Inc., on-call engineers for the Authority; Mr. Dennis Sander, P.E., of Sander Engineering Corporation, on-call engineers for the Authority; Mr. Rafael Ortega, P.E., of Aurora Technical Services, LLC, on-call engineers for the Authority; Ms. Kate Hallaway, P.E., of Brown & Gay Engineers, Inc., on-call engineers for the Authority; Mr. David Warner, P.E., of Jones|Carter, Inc., on-call engineers for the Authority; Mr. Marcel Khouw, P.E., of IDS Engineering Group, on-call engineers for the Authority; Mr. Carlton McDevitt of Inframark, LLC ("Inframark"), operator for the Authority; Messrs. Chris M. DeBow and Cory Gebel of Public Trust Advisors, investment advisor to the Authority; Ms. Robin S. Bobbitt, attorney, and Ms. Alison Miller, paralegal, of Radcliffe Bobbitt Adams Polley PLLC ("RBAP"), general counsel and co-bond counsel for the Authority. Numerous members of the public and other consultants to the Authority were also present at the meeting. The conference call meeting was recorded and made available to the public in accordance with the provisions of Texas Government Code Sections 551.125 and 551.127.

WHEREUPON, the meeting was called to order by Director Rendl and evidence was presented that public notice of the meeting had been given in compliance with the law. The posted notices of the meeting are attached hereto.



## PRESIDENT'S MESSAGE

Director Rendl first reported that Ms. Lisa Sagstetter, Community Relations Coordinator for the Authority, lost her husband this week and offered his thoughts and prayers. Director Rendl then stated that he hopes everyone made it through Winter Storm Uri.

## PUBLIC COMMENT

Mr. Jerry Homan, General Manager of Harris County Freshwater Supply District No. 61 then addressed the Board and stated that after Winter Storm Uri, many utility districts are expecting higher than average water bills. Mr. Homan went on to state that the Water Users Coalition is suggesting that the Authority consider using an average water usage amount for billing for the month of February. Director Rendl responded that the Authority will be considering such matter at a later time.

Mr. Doug Miller of HMW Special Utility District ("HMW") then thanked the Authority for considering HMW's comments to the Authority's Rate Order, which was recently amended. Mr. Miller noted that HMW is looking forward to working with the Authority to implement remote meter reading processes and procedures.

Mr. Gary Matocha of Louetta Road Municipal Utility District ("MUD") stated that Louetta Road MUD was caught off guard when the Authority shut off surface water during Winter Storm Uri and that there was very little communication from the Authority until Wednesday, February 17<sup>th</sup>. Director Rendl explained that all notifications regarding loss of surface water and/or boil water notices were provided immediately to operators by Inframark, and that it was up to the utility district operators to inform their respective utility districts.

## STATUS OF ACTIVITIES BY COMMUNICATIONS/PUBLIC INFORMATION COORDINATOR

A copy of Ms. Payne's PowerPoint presentation is attached as an exhibit to these minutes.

Ms. Payne first stated that the utility district operators were the unsung heroes during Winter Storm Uri and that they worked hard during the entire event.

Ms. Payne then reported that billing inserts regarding irrigation are available for ordering on the Authority's website. Director Rendl noted that there are many new billing inserts that are available for utility districts to provide to their customers.

## GENERAL MANAGER'S REPORT

Mr. Chang called upon Mr. Berckenhoff to present the Program Manager's Report to the Board, a copy of which is included behind Tab 3 of the meeting packet and attached hereto.



## PROGRAM MANAGER'S REPORT

### UPDATE ON STATUS OF SURFACE WATER CONVERSION

Mr. Berckenhoff first reported that the Spears Road Regional Pump Station delivered a daily average rate of approximately 15.9 million gallons per day ("MGD") of surface water during February. Mr. Berckenhoff added that the alternative water used in January was approximately 32.3%, compared to approximately 33.5% in December. Mr. Berckenhoff further explained that during January, approximately 76.6% of the water used by the Public Water Systems (the "PWSs") in the Authority's 2010 service area was alternative water. Director Rendl asked how much surface water was not able to be supplied by the Authority to utility districts during Winter Storm Uri. Mr. Berckenhoff explained that during a normal February, the Authority would supply between 15 MGD to 20 MGD, and over the 4-5 day period of Winter Storm Uri, the Authority was only able to supply approximately 5 MGD of surface water due to the City of Houston (the "City") supply limitations and other operational difficulties.

### MAJOR ACTIVITIES

Mr. Berckenhoff went on to report that during the prior month, AECOM had performed other activities for the Authority as follows: 1) implemented and performed tasks regarding the Authority's aggregate water well permit (the "Permit"); 2) assisted the Authority in a variety of activities involving the City of Houston (the "City"); 3) continued oversight of engineering and acquisition related efforts; 4) provided oversight of Inframark's activities and its contract to operate the Authority's system; and 5) monitored, tabulated and analyzed amounts of water used by the PWSs covered by the Authority's Permit and, where necessary and practical, in consort with Inframark and the respective PWS operators, took appropriate actions to optimize the use of surface water. Mr. Berckenhoff also reported that the Authority currently has 26 active projects, with nine (9) in or near construction, 14 in final design and right-of-way acquisition, two (2) undergoing a routing study and one (1) project on hold.

### LUCE BAYOU INTERBASIN TRANSFER PROJECT (THE "LUCE BAYOU PROJECT") UPDATE

Concerning the Luce Bayou Project, Mr. Berckenhoff gave an update on the status of the following items: 1) the contractor completed installation of all above ground piping, forms and rebar for permanent pipe supports, continued installation and testing of electrical and control wiring and installed a pump motor at the Capers Ridge Pump Station; and 2) the contractor placed rebar and forms for concrete pavement around the pig retrieval facility. Mr. Berckenhoff also reported temporary dam removals began on February 15<sup>th</sup> and should be complete by the middle of March.

### NORTHEAST WATER PURIFICATION PLANT (THE "NEWPP") EXPANSION PROJECT UPDATE

Mr. Berckenhoff further reported on the status of the NEWPP Expansion Project, noting that construction of the Central Plant continues with concrete work and piping at filter modules and masonry and wall placement at the Transfer Pump Station. Mr. Berckenhoff also reported that construction of the North Plant continues with ongoing formwork, rebar placement and



structural concrete for various structures. Mr. Berckenhoff added that installation of pump station structural steel and precast building panels is ongoing. Mr. Berckenhoff further reported that installation of precast panels and plumbing at the administration building and beam installation at the maintenance building is ongoing. Mr. Berckenhoff next reported that construction of the South Plant is continuing with installation of concrete floors and dome shoring at the ground storage tank and continuing work at the dewatering building. Mr. Berckenhoff also reported that installation of the duct bank and feeder cabling is ongoing. Mr. Berckenhoff further noted that the Houston Waterworks Team continues to progress on the procurement of various balance of plant packages and that the Project Advisor/Technical Consultant continues to provide construction oversight services on behalf of the City and the Authorities.

#### NORTHEAST TRANSMISSION LINE (THE "NETL") PROJECT UPDATE

Mr. Berckenhoff next reported that in connection with the NETL project, the contractors have continued with construction on six (6) sections of the 108-inch (108") line. Mr. Berckenhoff added that real estate acquisitions are proceeding on several additional sections of the NETL.

#### ATTORNEY'S REPORT

Ms. Bobbitt stated that she had nothing to report.

#### REGULAR AGENDA

##### APPROVAL OF MINUTES

The Board next considered approval of the minutes of the February 1, 2021 regular meeting. Upon motion by Director Pulliam, seconded by Director Fessler, after full discussion and the question being put to the Board, the Board voted unanimously to approve the minutes of the February 1, 2021 regular meeting, as written.

##### FINANCIAL ASSISTANT'S REPORT, INCLUDING APPROVE PAYMENT OF BILLS, ISSUANCE OF CHECKS, REVIEW BUDGET COMPARISON, AND REPORT ON STATUS OF PAYMENTS OF QUARTERLY PUMPAGE FEES

Director Rendl then recognized Ms. Plunkett, who reviewed the Authority's Financial Report with the Board, including the monthly investment report, the checks being presented for payment, and the budget comparison for the month ended January 31, 2021, a copy of which is included behind Tab 5 of the meeting packet and attached hereto.

Upon motion by Director Pulliam, seconded by Director Graham, after full discussion and the question being put to the Board, the Board voted unanimously to approve the Financial Report, the monthly investment report, and the checks being presented for payment.

ANNUAL REVIEW OF INVESTMENTS AND ADOPT ORDER REGARDING ANNUAL REVIEW OF RULES, POLICIES, CODE OF ETHICS AND LIST OF AUTHORIZED BROKERS FOR THE INVESTMENT OF AUTHORITY FUNDS

Ms. Plunkett then explained that the Authority is required by the Public Funds Investment Act to review the Authority's Investment Policy and investment strategies on an annual basis. Ms. Plunkett further explained that she had worked with Mr. DeBow to conduct the annual review and that no changes to the Authority's Investment Policy are recommended at this time.

Ms. Plunkett then introduced Messrs. DeBow and Gebel to the Board.

Messrs. DeBow and Gebel next presented an investment update and review of the Authority's investment portfolio, a copy of which is attached hereto. Director Rendl asked if there are any concerns to be aware of regarding the Authority's investment portfolio. Mr. DeBow responded that there are no concerns regarding the Authority's investment portfolio.

Ms. Plunkett then stated that Tab 6 of the meeting packet includes the Order Regarding Annual Review of Rules, Policies, Code of Ethics, and List of Authorized Brokers for the Investment of Authority Funds (the "Order") for the Board's adoption. Upon motion by Director Pulliam, seconded by Director Fessler, after full discussion and the question being put to the Board, the Board voted unanimously to adopt the Order, a copy of which is attached hereto.

GENERAL MANAGER'S ACTION ITEMS

AWARD OF CONTRACT FOR CONSTRUCTION OF PROJECT 28F AND AUTHORIZE EXECUTION OF SAME

Mr. Berckenhoff then recommended award of the contract for construction of Project 28F to the lowest qualified bidder, Main Lane Industries, Ltd. ("Main Lane"), in the amount of \$9,874,917.50. Mr. Berckenhoff noted that Project 28F will construct water lines to Emerald Forest Utility District, Mills Road MUD, Cypress Creek Utility District and Harris County MUD No. 230. Upon motion by Director Fessler, seconded by Director Pulliam, after full discussion and the question being put to the Board, the Board voted unanimously to authorize the award and execution of the contract for construction of Project 28F to Main Lane, in the amount of \$9,874,917.50.

AUTHORIZE GENERAL MANAGER TO NEGOTIATE, FINALIZE AND EXECUTE AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES WITH KCI TECHNOLOGIES INC. ("KCI") (THE "AGREEMENT")

Mr. Chang next requested Board authorization to negotiate, finalize and execute the Agreement with KCI for professional on-call engineering services. Upon motion by Director Fessler, seconded by Director Pulliam, after full discussion and the question being put to the Board, the Board voted unanimously to authorize the General Manager to negotiate, finalize and execute the Agreement with KCI, a copy of which is included in the Authority's files.



CONFIRM UPCOMING MEETING DATE

Director Rendl then informed the meeting attendees that the Authority's next regular meeting will be held on Monday, April 5, 2021, at 6:00 p.m.

Director Rendl noted that information on how the Authority meetings will be conducted going forward will be sent out via e-blast and also posted on the Authority's website.

PUBLIC COMMENTS

Director Rendl then stated that no further public comments had been received.

There being no further business to come before the Board, the meeting was adjourned.

PASSED, APPROVED AND ADOPTED this 5<sup>th</sup> day of April, 2021.

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Secretary, Board of Directors

(AUTHORITY SEAL)

**NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY**

**FINANCIAL REPORT**

**For the month of February, 2021**

**April 5, 2021**



**NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY  
ENTERPRISE FUND BALANCE SUMMARY**

**AS OF FEBRUARY 28, 2021**

<b>CAPITAL FUNDS</b>	<b>\$</b>	<b>651,792,232.17</b>
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CONSTRUCTION	\$	96,931,024.86
TWDB ESCROW	\$	<u>554,861,207.31</u>
TOTAL	\$	651,792,232.17

<b>INTEREST &amp; SINKING FUNDS AND DEBT SERVICE RESERVE FUNDS</b>	<b>\$</b>	<b>155,316,073.03</b>
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INTEREST & SINKING	\$	33,752,968.57
DEBT SERVICE RESERVE	\$	<u>121,563,104.46</u>
TOTAL	\$	155,316,073.03

<b>COVERAGE FUND AND IMPROVEMENT FUND</b>	<b>\$</b>	<b>284,879,882.79</b>
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COVERAGE FUND	\$	55,827,624.41
IMPROVEMENT FUND	\$	<u>229,052,258.38</u>
TOTAL	\$	284,879,882.79

<b>OPERATING FUNDS</b>	<b>\$</b>	<b>28,045,479.89</b>
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OPERATING FUNDS	\$	<u>28,045,479.89</u>
TOTAL	\$	28,045,479.89

TOTAL:	<u>\$</u>	<u><u>1,120,033,667.88</u></u>	<u><u>\$</u></u>	<u><u>1,120,033,667.88</u></u>
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# North Harris County Regional Water Authority

## Balance Sheet

As of 2/28/2021

	Current Year
Assets	
Cash	
Cash in Bank - Amegy Operating acct	9,199,228.00
Cash in Bank - Amegy Cap Proj 2003	1,126,583.14
Cash in Bank - Amegy Admin. Expense	90,250.39
Note Payment Account - Bank of America	2,873.82
Petty Cash	1,432.27
Capital Contributions - TexPool	11,995,031.95
Operating Fund - Texpool	14,009,770.77
Operations & Maintenance Reserve - TTP	4,744,798.46
Construction Fund 2003 - TexSTAR	5.64
Interest & Sinking Fund 13 TexPool Prime	2,242,446.81
Coverage Fund - TexSTAR	47,057,610.03
Debt Service Reserve Fund 2003 - TPPrime	116,737.69
RBC 2003 DSRF Investments	8,392,142.26
Construction Fund 2015 - TexPool	3,013.72
Construction Fund 2015 - TexPool Prime	568,900.93
Construction Fund 2005 - TexSTAR	17,547.39
Interest & Sinking Fund 2014 - TexSTAR	1,671,725.38
Debt Service Reserve Fund 2014 - TPPrime	115,018.10
CHCRWA Construction Acct. - TPPrime	330,111.16
PFUD Initial Difference 4C3 - TPPrime	246,037.56
Capital Contributions 2008 - TPPrime	1,593,223.97
RBC 2008 Capital Contributions Investmen	26,705,839.62
TWDB 2015 Escrow	9,699,586.55
RBC 2014 DSRF Investments	5,921,808.54
Construction Fund 2008 - TexPool Prime	1,804,499.78
Construction Fund 2008 - TexSTAR	1,569,538.12
Interest & Sinking Fund 2008 - TPPrime	2,879,264.86
Debt Service Reserve Fund 2008 - TPPrime	282,505.81
RBC 2016 DSRF Investments	19,336,017.99
Interest & Sinking Fund 2015 - TPPrime	1,089,754.27
Debt Service Reserve Fund 2015 - TPPrime	349,686.81
Construction Fund 2016 - TPPrime	457,333.99
Interest & Sinking Fund 2016 - TPPrime	4,705,422.90
Debt Service Reserve Fund 2016 - TPPrime	340,841.06
Construction Fund 2016A - TexPool Prime	22,731,549.65
Interest & Sinking Fund 2016A - TTPPrime	2,648,225.52
Debt Service Reserve Fund 2016A - TPP	481,036.05
Construction Fund 2017 - TexPool Prime	21,111,551.53
Interest & Sinking Fund 2017 - TTPPrime	4,861,728.37
Debt Service Reserve Fund 2017 - TTP	915,757.88
TWDB 2017 Escrow	100,636,788.46
TWDB 2016A Escrow	48,821,196.94
Construction Fund 2018 - TexPool Prime	6,667,382.89
Interest & Sinking 2018 - TexPool Prime	4,778,091.31



# North Harris County Regional Water Authority

## Balance Sheet

As of 2/28/2021

	Current Year
Debt Service Reserve Fund 2018 - TTP	1,007,045.73
TWDB 2018 Escrow	120,133,379.79
PTA 2015 TWDB DSRF Investments	4,094,208.64
PTA 2016A TWDB DSRF Investments	9,757,043.04
PTA 2017 TWDB DSRF Investments	20,547,373.43
PTA 2018 TWDB DSRF Investments	30,812,815.76
Interest & Sinking 2019 - TexPool Prime	5,518,129.71
Debt Service Reserve Fund 2019 - TTP	14,337,347.96
TWDB 2019 Escrow	205,259,109.96
Interest & Sinking 2020 - TexPool Prime	3,358,179.44
Debt Service Reserve Fund 2020 - TPP	4,755,717.71
TWDB 2020 Escrow	70,311,145.61
Improvement Fund - TexSTAR	141,896,378.73
RBC Improvement Fund Investments	87,155,879.65
RBC Coverage Fund Investments	8,770,014.38
Total Cash	1,120,033,667.88
Other Assets	
Due from City of Houston	1,279,550.11
Accounts Receivable - Other	5,770,298.79
Accrued Interest Receivable - RBCpurchas	1,069,882.25
Water Conservation Credits - HGSD	725,872.38
Interest in Treated Water Facilities	322,765,711.60
Accumulated Amortization - TWF	(26,732,468.08)
COH NEWPP Funds Held in Escrow	241,883,270.00
Interest in Luce Bayou	5,134,827.00
Accumulated Amortization - Luce Bayou	(548,695.00)
Interest in Water Plant 2 - Charterwood	961,432.86
Accumulated Amortization - WP2 Charterw	(277,745.36)
Interest in Transmission Facilities	23,037,069.69
Accumulated Amortization - TF	(7,167,089.22)
Interest in Northeast Transmission Line	236,891,435.63
Accumulated Amortization - NETL	(3,793,218.00)
Total Other Assets	801,000,134.65
Fixed Assets	
Land, Easements and Right of Ways	27,805,307.87
Waterline - Emerald Forest UD	36,694.50
Accum. Dep. - Waterline - Emerald Forest	(13,687.65)
ROW Acquisition Costs	10,851,529.98
Infrastructure - Water Wells	800,439.00
Infrastructure - Waterlines	284,718,031.55
Accum Depr - Infrastructure	(63,353,271.18)
Construction in Progress	25,365,704.66
Computer Equipment	331,958.01
Accum. Dep. - Computer Equip.	(277,461.98)
Furniture and Fixtures	37,713.58
Accum. Dep. - Furn. & Fix.	(27,221.65)

# North Harris County Regional Water Authority

## Balance Sheet

As of 2/28/2021

	Current Year
Leasehold Improvements	6,063.00
Accumulated Amortization - Leasehold Imp	(1,654.00)
Total Fixed Assets	286,280,145.69
Total Assets	2,207,313,948.22
 Liabilities	
Deferred Revenue - Capital Contributions	
Deferred Rev - Cap Cont - Bilma PUD	889,956.39
Deferred Rev - Cap Cont - Charterwood	691,587.51
Deferred Rev - Cap Cont - CNP UD	1,758,212.85
Deferred Rev - Cap Cont - Cy-Champ PUD	1,233,975.14
Deferred Rev - Cap Cont - Faulkey Gully	1,737,077.25
Deferred Rev - Cap Cont - Fountainhead	933,081.34
Deferred Rev - Cap Cont - HCMUD 16	775,418.20
Deferred Rev - Cap Cont - HCMUD 25	507,768.03
Deferred Rev - Cap Cont - HCMUD109	1,377,346.70
Deferred Rev - Cap Cont - HCMUD168	1,602,970.06
Deferred Rev - Cap Cont - HCMUD275	116,525.82
Deferred Rev - Cap Cont - HCWCID119	1,072,049.28
Deferred Rev - Cap Cont - Heatherloch	868,766.06
Deferred Rev - Cap Cont - Kleinwood MUD	827,585.14
Deferred Rev - Cap Cont - Louetta Road M	343,079.70
Deferred Rev - Cap Cont - Malcomson Rd M	1,647,447.44
Deferred Rev - Cap Cont - Meadowhill Reg	613,109.77
Deferred Rev - Cap Cont - NWHCMUD15	438,191.97
Deferred Rev - Cap Cont - NWHCMUD19	216,510.35
Deferred Rev - Cap Cont - NWHCMUD20	538,761.87
Deferred Rev - Cap Cont - Timberlake ID	592,710.48
Deferred Rev - Cap Cont - WHCMUD9	914,427.17
Deferred Rev - Cap Cont - WHCMUD10	1,238,809.50
Deferred Rev - Cap Cont - WHCMUD11	1,286,403.55
Deferred Rev - Cap Cont 05 - HCMUD 44	382,035.64
Deferred Rev - Cap Cont 05 - Bilma PUD	633,741.27
Deferred Rev - Cap Cont 05 - CNP UD	1,217,002.55
Deferred Rev - Cap Cont 05 - Cy-Champ	854,047.96
Deferred Rev - Cap Cont 05 - Faulkey Gul	1,281,718.18
Deferred Rev - Cap Cont 05 - Fountainhea	651,910.35
Deferred Rev - Cap Cont 05 - HCMUD 16	518,025.64
Deferred Rev - Cap Cont 05 - HCMUD275	72,302.34
Deferred Rev - Cap Cont 05 - Louetta Nor	498,001.03
Deferred Rev - Cap Cont 05 - Meadowhill	380,455.87
Deferred Rev - Cap Cont 05 - NWHCMUD 15	223,312.52
Deferred Rev - Cap Cont 05 - NWHCMUD19	163,367.15
Deferred Rev - Cap Cont 05 - NWHCMUD 20	446,928.61
Deferred Rev - Cap Cont 05 - NWHCMUD 24	168,041.21
Deferred Rev - Cap Cont 05 - NWHCMUD 6	252,599.03



# North Harris County Regional Water Authority

## Balance Sheet

As of 2/28/2021

	Current Year
Deferred Rev - Cap Cont 05 - Timberlake	418,319.09
Deferred Rev - Cap Cont 05 - WHCMUD 9	659,089.46
Deferred Rev - Cap Cont 05 - WHCMUD 10	884,283.65
Deferred Rev - Cap Cont 05 - WHCMUD 11	819,252.40
Deferred Rev - Cap Cont 08 - Bilma PUD	1,972,757.96
Deferred Rev - Cap Cont 08 - CNP UD	3,027,081.16
Deferred Rev - Cap Cont 08 - Cy-Champ	2,007,538.30
Deferred Rev - Cap Cont 08 - Faulkey Gul	2,952,280.86
Deferred Rev - Cap Cont 08 - Fountainhea	628,084.34
Deferred Rev - Cap Cont 08 - HCMUD168	2,533,808.61
Deferred Rev - Cap Cont 08 - HCMUD 25	806,388.69
Deferred Rev - Cap Cont 08 - HCMUD275	297,396.15
Deferred Rev - Cap Cont 08 - HCMUD 44	891,816.23
Deferred Rev - Cap Cont 08 - HCWCID110	2,504,275.95
Deferred Rev - Cap Cont 08 - HCWCID119	2,076,796.61
Deferred Rev - Cap Cont 08 - Northgate	771,357.95
Deferred Rev - Cap Cont 08 - NWHCMUD19	780,003.10
Deferred Rev - Cap Cont 08 - NWHCMUD20	853,299.89
Deferred Rev - Cap Cont 08 - NWHCMUD24	1,290,755.21
Deferred Rev - Cap Cont 08 - Timberlake	801,466.59
Deferred Rev - Cap Cont 08 - WHCMUD 10	1,796,244.17
Deferred Rev - Cap Cont 08 - WHCMUD 11	1,483,484.85
Deferred Rev - Cap Cont 08 - WHCMUD 21	1,096,413.31
Deferred Rev - Cap Cont 08 - WHCMUD 9	1,445,177.66
Total Deferred Revenue - Capital Contributions	62,762,633.11
Accounts Payable	
Trade Accounts Payable	6,106,547.70
Social Security - 457 Plan Payable	(18.90)
Group Insurance Payable	(37,835.88)
Medicare Payable	(4.36)
SUTA Payable	4,319.79
Compensated Absences	87,429.33
Chloramination Credit Payable	17,853,946.53
Other Payables	12,568.77
Total Accounts Payable	24,026,952.98
Bonds Payable	
Accumulated Amortization 2013 Bond Prem	(4,423,410.00)
Accrued Interest Payable 2003 Bonds	158,230.00
Net Premium on Bonds 2005	0.45
Accumulated Amortization 2005 Bond Prem	(3,198,395.77)
Accrued Interest Payable - 2005 Bonds	88,167.00
Bonds Payable - Series 2014 Refunding	58,240,000.00
Deferred Premium on Bonds 2014	12,151,604.90
Deferred Discount - Bonds 2014	(424,162.15)
Deferred Difference on Refunding 2014	1,946,662.00
Accrued Interest Payable - 2014 Bonds	130,549.36

# North Harris County Regional Water Authority

## Balance Sheet

As of 2/28/2021

	Current Year
Bonds Payable - Series 2013 Refunding	78,550,000.00
Deferred Premium on Bonds 2013	13,106,405.15
Deferred Difference on Refunding 2013	(3,340,072.24)
Bonds Payable - Series 2015 TWDB	72,205,000.00
Bonds Payable - Series 2016 Revenue	245,890,000.11
Accrued Interest Payable - 2016 Bonds	515,860.00
Deffered Bond Premium - Series 2016	48,223,265.00
Deffered Bond Discount - Series 2016	(1,383,221.00)
Accumulated Amortization 2016 Bonds	(6,043,876.00)
Bonds Payable - Series 2016A TWDB	179,000,000.00
Accrued Interest Payable - 2016A Bonds	188,967.00
Deffered Difference - Series 2016	(20,021,553.01)
Bonds Payable - Series 2017 TWDB	372,080,000.00
Accrued Interest Payable - Series 2017	412,885.00
Bonds Payable - Series 2018 TWDB	468,345,000.00
Accrued Interest Payable - Series 2018	657,300.00
Bonds Payable - Series 2019 TWDB	230,200,000.00
Accrued Interest Payable - Series 2019	710,644.00
Bonds Payable - Series 2020 TWDB	78,420,840.00
Total Bonds Payable	1,822,386,689.80
Total Liabilities	1,909,176,275.89
Fund Balance	
Unreserved Fund Balance	260,629,111.94
Other	37,508,560.39
Total Fund Balance	298,137,672.33
Liabilities & Fund Balance	2,207,313,948.22



# North Harris County Regional Water Authority

## Statement of Revenues and Expenditures

From 2/1/2021 Through 2/28/2021

	<u>Current Period Actual</u>	<u>Current Year Actual</u>
Receipts		
Pumpage Fees		
Cost of Water Revenue	6,394,830.12	13,262,597.05
Total Pumpage Fees	6,394,830.12	13,262,597.05
Interest Earned		
Interest Earned	27,158.98	56,324.14
Total Interest Earned	27,158.98	56,324.14
Total Receipts	6,421,989.10	13,318,921.19
Disbursements & Expenses		
Engineering Services		
Acquisition Services	113,068.64	253,452.70
Engineering Services	1,259,803.11	2,793,095.10
Construction Expense	490,658.65	872,141.28
Total Engineering Services	1,863,530.40	3,918,689.08
Legal Services		
Legal - General Counsel Services	8,892.33	17,851.23
Legal - VRA Submission/Director Election	4,057.16	4,300.91
Legal - Contract Negotiations	2,721.25	4,277.50
Legal - Legislation	881.25	2,668.75
Total Legal Services	16,551.99	29,098.39
Operations & Maintenance		
Operations & Maintenance Services	341,351.98	487,046.13
Total Operations & Maintenance	341,351.98	487,046.13
Water Purchase		
Bulk Water Purchase	671,119.83	1,566,937.52
Total Water Purchase	671,119.83	1,566,937.52
Legislative Services		
Legislative Consultant	10,833.33	32,499.99
Total Legislative Services	10,833.33	32,499.99
Communications Services		
Communication Consultant	7,100.00	21,300.00
Printing	4,583.85	79,047.92
Postage	0.00	36,803.05
Water Conservation	500.00	1,000.00
Professional Services - Communications	1,522.91	3,047.91
WBIMS	4,314.00	8,628.00
Total Communications Services	18,020.76	149,826.88
Professional Services		
Director Fees	1,500.00	2,850.00
Salaries, Wages & Benefits	122,528.90	232,154.48
Retirement	12,724.69	24,546.14
Group Insurance	16,476.82	32,906.14
Social Security	7,374.52	13,939.74
Medicare	1,783.13	3,376.98
Unemployment Compensation	400.86	1,569.66
Travel/Hotel&Meals	2,877.60	5,152.93
Mileage Reimbursements	85.48	129.43
Seminars/Training	675.00	545.00
Total Professional Services	166,427.00	317,170.50
Office Expenses		
Office Supplies	809.48	3,372.15
Postage/delivery	358.24	652.98
Telephone/Long Distance	506.52	2,074.04
Utilities	2,014.30	49,792.78
Equipment Leases	1,086.13	2,172.26
Office Lease	13,267.63	39,722.89
Cellular Telephone	395.00	754.07

# North Harris County Regional Water Authority

## Statement of Revenues and Expenditures

From 2/1/2021 Through 2/28/2021

	<u>Current Period Actual</u>	<u>Current Year Actual</u>
Memberships/Subscriptions	1,088.51	1,555.41
DSL Line/Internet Service	2,587.64	5,175.28
Computer Software	14,158.20	14,158.20
Computer Services	0.00	993.75
Computer Maintenance	0.00	8,650.00
Computer Equipment	<u>0.00</u>	<u>109.99</u>
Total Office Expenses	36,271.65	129,183.80
Misc. Expenses		
Election Expenses	209,771.93	209,771.93
Permit Fees	<u>0.00</u>	<u>125.00</u>
Total Misc. Expenses	<u>209,771.93</u>	<u>209,896.93</u>
Total Disbursements & Expenses	<u>3,333,878.87</u>	<u>6,840,349.22</u>
Excess Revenues Over (Under) Expenditures	<u>3,088,110.23</u>	<u>6,478,571.97</u>



# North Harris County Regional Water Authority

## Statement of Revenues and Expenditures by Period

From 1/1/2021 Through 2/28/2021

	1/1/2021 - 1/31/2021	2/1/2021 - 2/28/2021	Total
Receipts			
Pumpage Fees			
Cost of Water Revenue	6,867,766.93	6,394,830.12	13,262,597.05
Total Pumpage Fees	6,867,766.93	6,394,830.12	13,262,597.05
Interest Earned			
Interest Earned	29,165.16	27,158.98	56,324.14
Total Interest Earned	29,165.16	27,158.98	56,324.14
Total Receipts	6,896,932.09	6,421,989.10	13,318,921.19
Disbursements & Expenses			
Engineering Services			
Acquisition Services	140,384.06	113,068.64	253,452.70
Engineering Services	1,533,291.99	1,259,803.11	2,793,095.10
Construction Expense	381,482.63	490,658.65	872,141.28
Total Engineering Services	2,055,158.68	1,863,530.40	3,918,689.08
Legal Services			
Legal - General Counsel Services	8,958.90	8,892.33	17,851.23
Legal - VRA Submission/Direct... Election	243.75	4,057.16	4,300.91
Legal - Contract Negotiations	1,556.25	2,721.25	4,277.50
Legal - Legislation	1,787.50	881.25	2,668.75
Total Legal Services	12,546.40	16,551.99	29,098.39
Operations & Maintenance			
Operations & Maintenance Services	145,694.15	341,351.98	487,046.13
Total Operations & Maintenance	145,694.15	341,351.98	487,046.13
Water Purchase			
Bulk Water Purchase	895,817.69	671,119.83	1,566,937.52
Total Water Purchase	895,817.69	671,119.83	1,566,937.52
Legislative Services			
Legislative Consultant	21,666.66	10,833.33	32,499.99
Total Legislative Services	21,666.66	10,833.33	32,499.99
Communications Services			
Communication Consultant	14,200.00	7,100.00	21,300.00
Printing	74,464.07	4,583.85	79,047.92
Postage	36,803.05	0.00	36,803.05
Water Conservation	500.00	500.00	1,000.00
Professional Services - Communications	1,525.00	1,522.91	3,047.91

# North Harris County Regional Water Authority

## Statement of Revenues and Expenditures by Period

From 1/1/2021 Through 2/28/2021

	1/1/2021 - 1/31/2021	2/1/2021 - 2/28/2021	Total
WBIMS	4,314.00	4,314.00	8,628.00
Total Communications Services	131,806.12	18,020.76	149,826.88
Professional Services			
Director Fees	1,350.00	1,500.00	2,850.00
Salaries, Wages & Benefits	109,625.58	122,528.90	232,154.48
Retirement	11,821.45	12,724.69	24,546.14
Group Insurance	16,429.32	16,476.82	32,906.14
Social Security	6,565.22	7,374.52	13,939.74
Medicare	1,593.85	1,783.13	3,376.98
Unemployment Compensation	1,168.80	400.86	1,569.66
Travel/Hotel&Meals	2,275.33	2,877.60	5,152.93
Mileage	43.95	85.48	129.43
Reimbursements			
Seminars/Training	(130.00)	675.00	545.00
Total Professional Services	150,743.50	166,427.00	317,170.50
Office Expenses			
Office Supplies	2,562.67	809.48	3,372.15
Postage/delivery	294.74	358.24	652.98
Telephone/Long Distance	1,567.52	506.52	2,074.04
Utilities	47,778.48	2,014.30	49,792.78
Equipment Leases	1,086.13	1,086.13	2,172.26
Office Lease	26,455.26	13,267.63	39,722.89
Cellular Telephone	359.07	395.00	754.07
Memberships/Sub...	466.90	1,088.51	1,555.41
DSL Line/Internet Service	2,587.64	2,587.64	5,175.28
Computer Software	0.00	14,158.20	14,158.20
Computer Services	993.75	0.00	993.75
Computer Maintenance	8,650.00	0.00	8,650.00
Computer Equipment	109.99	0.00	109.99
Total Office Expenses	92,912.15	36,271.65	129,183.80
Misc. Expenses			
Election Expenses	0.00	209,771.93	209,771.93
Permit Fees	125.00	0.00	125.00
Total Misc. Expenses	125.00	209,771.93	209,896.93
Total Disbursements & Expenses	3,506,470.35	3,333,878.87	6,840,349.22
Excess Revenues Over (Under) Expenditures	3,390,461.74	3,088,110.23	6,478,571.97



## INVESTMENT REPORT, AUTHORIZATION AND REVIEW

Report for  
NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY

Prepared for the reporting period ("Period") from

2/1/2021

to

2/28/2021

Investment Pools	Rate	Beginning Value for Period			Gain (Loss) to Market Value	Deposits or (Withdrawals)	Ending Value for Period		
		Book	N.A.V.	Market			Book	N.A.V.	Market
OA Texpool - Operating	0.0500%	10,771,402.18	1,000160	10,773,125.60	378.04	3,238,368.59	14,009,770.77	1,000150	14,011,872.24
OA Texpool Prime - Operating	0.1000%	4,744,444.35	1.000050	4,744,681.57	94.91	354.11	4,744,798.46	1.000070	4,745,130.60
CA Texpool - Construction Fund 2005	0.0500%	3,013.69	1.000160	3,014.17	(0.03)	0.03	3,013.72	1.000150	3,014.17
CA Texpool Prime - Const Fund 2015	0.1000%	568,858.49	1.000050	568,886.93	11.38	42.44	568,900.93	1.000070	568,940.75
CA Texpool Prime - Capital Contrib 2005	0.1000%	11,994,136.80	1.000050	11,994,736.51	239.95	895.15	11,995,031.95	1.000070	11,995,871.60
CA Texpool Prime - CHCRWA Const	0.1000%	330,086.49	1.000050	330,102.99	6.60	24.67	330,111.16	1.000070	330,134.27
CA Texpool Prime - PFUD Initial Difference 4C3	0.1000%	246,019.18	1.000050	246,031.48	4.92	18.38	246,037.56	1.000070	246,054.78
IS Texpool Prime - I & S Fund 2003/2013	0.1000%	1,572,324.60	1.000050	1,572,403.22	78.36	670,122.21	2,242,446.81	1.000070	2,242,603.78
IS Texpool Prime - 2013 Debt Service Reserve	0.1000%	116,728.98	1.000050	116,734.82	2.34	8.71	116,737.69	1.000070	116,745.86
IS Texpool Prime - 2014 Debt Service Reserve	0.1000%	115,009.49	1.000050	115,015.24	2.30	8.61	115,018.10	1.000070	115,026.15
CA Texpool Prime - Const Fund 2008	0.1000%	110,584,720.13	1.000050	110,590,249.37	(5,402.92)	(108,780,220.35)	1,804,499.78	1.000070	1,804,626.09
CA Texpool Prime - Capital Contrib 2008	0.1000%	1,593,105.06	1.000050	1,593,184.72	31.87	118.91	1,593,223.97	1.000070	1,593,335.50
IS Texpool Prime - I & S Fund 2008	0.1000%	2,879,050.02	1.000050	2,879,193.97	57.60	214.84	2,879,264.86	1.000070	2,879,466.41
IS Texpool Prime - 2008 Debt Service Reserve	0.1000%	282,484.71	1.000050	282,498.83	5.65	21.10	282,505.81	1.000070	282,525.59
IS Texpool Prime - I & S Fund 2015	0.1000%	749,695.82	1.000050	749,733.30	38.80	340,058.45	1,089,754.27	1.000070	1,089,830.55
IS Texpool Prime - 2015 Debt Service Reserve	0.1000%	349,660.71	1.000050	349,678.19	7.00	26.10	349,686.81	1.000070	349,711.29
CA Texpool Prime - Const Fund 2016	0.1000%	457,299.90	1.000050	457,322.76	9.15	34.09	457,333.99	1.000070	457,366.00
IS Texpool Prime - I & S Fund 2016	0.1000%	3,215,172.04	1.000050	3,215,332.80	168.62	1,490,250.86	4,705,422.90	1.000070	4,705,752.28
IS Texpool Prime - 2016 Debt Service Reserve	0.1000%	340,815.63	1.000050	340,832.67	6.82	25.43	340,841.06	1.000070	340,864.92
CA Texpool Prime - Const Fund 2016A	0.1000%	25,729,844.41	1.000050	25,731,130.90	304.72	(2,998,294.76)	22,731,549.65	1.000070	22,733,140.86
IS Texpool Prime - I & S Fund 2016A	0.1000%	1,845,081.95	1.000050	1,845,174.20	93.12	803,143.57	2,648,225.52	1.000070	2,648,410.90
IS Texpool Prime - 2016A Debt Service Reserve	0.1000%	481,000.17	1.000050	481,024.22	9.62	35.88	481,036.05	1.000070	481,069.72
CA Texpool Prime - Const Fund 2017	0.1000%	21,109,976.00	1.000050	21,111,031.50	422.31	1,575.53	21,111,551.53	1.000070	21,113,029.34
IS Texpool Prime - I & S Fund 2017	0.1000%	3,261,473.26	1.000050	3,261,636.33	177.25	1,600,255.11	4,861,728.37	1.000070	4,862,068.69
IS Texpool Prime - 2017 Debt Service Reserve	0.1000%	915,689.54	1.000050	915,735.32	18.32	68.34	915,757.88	1.000070	915,821.98
CA Texpool Prime - Const Fund 2018	0.1000%	6,666,885.36	1.000050	6,667,218.70	133.37	497.53	6,667,382.89	1.000070	6,667,849.61
IS Texpool Prime - I & S Fund 2018	0.1000%	3,462,823.24	1.000050	3,462,996.38	161.33	1,315,268.07	4,778,091.31	1.000070	4,778,425.78
IS Texpool Prime - 2018 Debt Service Reserve	0.1000%	1,006,970.60	1.000050	1,007,020.95	20.14	75.13	1,007,045.73	1.000070	1,007,116.22
CA Texpool Prime - Const Fund 2019	0.1000%	0.00	1.000050	0.00	0.00	0.00	0.00	1.000070	0.00
IS Texpool Prime - I & S Fund 2019	0.1000%	5,436,723.35	1.000050	5,436,995.19	114.43	81,406.36	5,518,129.71	1.000070	5,518,515.98
IS Texpool Prime - 2019 Debt Service Reserve	0.1000%	14,336,277.99	1.000050	14,336,994.80	286.80	1,069.97	14,337,347.96	1.000070	14,338,351.57
CA Texpool Prime - Const Fund 2020	0.1000%	0.00	1.000050	0.00	0.00	0.00	0.00	1.000070	0.00
IS Texpool Prime - I & S Fund 2020	0.1000%	3,357,928.85	1.000050	3,358,096.75	67.18	250.59	3,358,179.44	1.000070	3,358,414.51
IS Texpool Prime - 2020 Debt Service Reserve	0.1000%	4,755,362.81	1.000050	4,755,600.58	95.13	354.90	4,755,717.71	1.000070	4,756,050.61
CA TexSTAR - Construction Fund 2005	0.0334%	17,552.59	1.000165	17,555.49	(0.25)	0.44	17,553.03	1.000151	17,555.68
IS TexSTAR - I & S Fund 2005/2014	0.0334%	1,208,692.97	1.000165	1,208,892.40	53.00	463,032.41	1,671,725.38	1.000151	1,671,977.81
CA TexSTAR - Construction Fund 2008	0.0334%	1,569,497.91	1.000165	1,569,756.88	(21.97)	40.21	1,569,538.12	1.000151	1,569,775.12
IMP TexSTAR - Improvement Fund	0.0334%	141,892,741.73	1.000165	141,916,154.03	(1,985.95)	3,637.00	141,896,378.73	1.000151	141,917,805.08
COV TexSTAR - Coverage Fund	0.0334%	47,056,404.24	1.000165	47,064,168.55	(658.61)	1,205.79	47,057,610.03	1.000151	47,064,715.73
	0.0444%	435,024,955.24		435,069,942.34	(4,968.71)	(101,766,005.60)	333,258,949.64		333,298,968.03

## PTA Accounts

	Yield	Beginning Value for Period		Changes in Market Value	Deposits or (Withdraw)	Ending Value for Period	
		Book	Market*			Book	Market*
NHCWRA-2016SERIESATWDBDSRF	0.162%	9,882,238.21	9,979,795.04	(5,898.44)	0.00	9,891,223.29	9,973,896.61
NHCWRA 2018 DSRF	0.172%	31,235,076.56	31,524,778.59	(17,181.84)	0.00	31,269,483.60	31,507,596.74
NHCWRA - 2017 TWDB DSRF	0.156%	20,809,254.74	21,017,789.72	(2,555.61)	0.00	20,837,661.56	21,015,234.11
NHCWRA - 2015 TWDB DSRF	0.151%	4,148,885.45	4,168,818.24	339.81	0.00	4,153,707.13	4,169,158.05
NHCRWA Improvement Fund	0.175%	88,318,308.57	89,319,681.51	(33,795.75)	0.00	88,421,886.53	89,285,885.76
NHCRWA Coverage Fund	0.185%	8,898,395.99	8,985,289.05	(8,459.19)	0.00	8,902,053.28	8,976,829.85
NHCRWA 2014 DSRF	0.207%	6,010,647.38	6,056,649.27	(6,963.09)	0.00	6,013,451.15	6,049,686.19
NHCRWA 2013 DSRF	0.177%	8,509,793.30	8,598,685.17	(10,035.27)	0.00	8,511,403.80	8,588,649.90
NHCRWA 2008/2016 DSRF	0.178%	19,599,762.54	19,786,620.86	(14,190.94)	0.00	19,613,372.49	19,772,429.92
NHCRWA 2008 Capital Contribution	0.069%	27,030,001.26	27,036,983.40	7,701.47	0.00	27,039,212.77	27,044,684.87
*Market values include accrued income	0.161%	224,442,364.00	226,475,090.86	(91,038.85)	0.00	224,653,455.60	226,384,052.00

Total of all investments

\$ (101,766,005.60) \$ 557,912,405.24

\$ 559,683,020.03

## Review:

This report complies with the Public Funds Investment Act and the Authority's Investment Policy.

This report and the Authority's Investment Policy are submitted to the Board for its review and to make any changes thereto as determined by the Board to be necessary and prudent for the management of Authority funds.

Investment Training since 5/2018:

Jim Pulliam 8 hrs.

Cyndi Plunkett 8 hrs.

## Signatures:

Investment Officer

(please sign &amp; date)

NHCWRA-2016 SERIES A TWDB DSRF

Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moody's Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amortized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
NHCWRA-2016SERIESATWDBDSRF	9128283X6	United States	02/15/2021	AA+	Aaa	749,916.57	750,618.75	7,795.52	0.00	0.00	0.00	0.00
NHCWRA-2016SERIESATWDBDSRF	31846V443	U.S. Bancorp	02/28/2021	AAAm	Aaa	59,038.34	59,038.34	0.00	816,997.04	816,997.04	0.00	816,997.04
NHCWRA-2016SERIESATWDBDSRF	CCYUSD	---	02/28/2021	AA+	Aaa	0.30	0.30	0.00	2,251.89	2,251.89	0.00	2,251.89
NHCWRA-2016SERIESATWDBDSRF	9128284P2	United States	05/15/2021	AA+	Aaa	750,194.65	755,391.00	4,242.06	750,141.74	753,937.50	5,764.85	759,702.35
NHCWRA-2016SERIESATWDBDSRF	912828D72	United States	08/31/2021	AA+	Aaa	224,358.25	227,443.28	1,914.36	224,443.69	227,170.80	12.23	227,183.03
NHCWRA-2016SERIESATWDBDSRF	912828T67	United States	10/31/2021	AA+	Aaa	747,562.10	756,328.50	2,408.49	747,814.42	755,918.25	3,133.63	759,051.88
NHCWRA-2016SERIESATWDBDSRF	3130A0EN6	Federal Home Loan Banks	12/10/2021	AA+	Aaa	751,476.88	767,902.46	3,054.69	751,344.93	766,284.80	4,851.56	771,136.36
NHCWRA-2016SERIESATWDBDSRF	3135G0U92	Federal National Mortgage Association	01/11/2022	AA+	Aaa	249,941.96	255,967.08	364.58	249,946.70	255,425.10	911.46	256,336.56
NHCWRA-2016SERIESATWDBDSRF	912828J76	United States	03/31/2022	AA+	Aaa	799,515.41	815,187.20	4,769.23	799,547.19	814,249.60	5,846.15	820,095.75
NHCWRA-2016SERIESATWDBDSRF	9128286M7	United States	04/15/2022	AA+	Aaa	780,580.66	794,919.83	5,221.67	780,226.73	793,496.93	6,563.02	800,059.94
NHCWRA-2016SERIESATWDBDSRF	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	769,162.35	770,415.15	2,257.81	768,075.44	769,006.03	3,585.94	772,591.97
NHCWRA-2016SERIESATWDBDSRF	3133ELGN8	Farm Credit System	10/13/2022	AA+	Aaa	852,064.25	871,255.80	4,080.00	851,971.77	869,439.01	5,213.33	874,652.34
NHCWRA-2016SERIESATWDBDSRF	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	751,986.33	753,560.34	789.06	751,917.52	753,553.53	1,023.44	754,576.97
NHCWRA-2016SERIESATWDBDSRF	3135G05Q4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	799,031.19	801,768.59	116.67	799,061.81	800,646.65	283.33	800,929.98
NHCWRA-2016SERIESATWDBDSRF	3137EAEY1	Freddie Mac	10/16/2023	AA+	Aaa	747,408.96	748,969.49	273.44	747,482.42	747,163.52	351.56	747,515.08
NHCWRA-2016SERIESATWDBDSRF	3137EAF2A	Freddie Mac	12/04/2023	AA+	Aaa	850,000.00	851,028.95	336.46	850,000.00	848,355.98	513.54	848,869.52
NHCWRA-2016SERIESATWDBDSRF	---	---	07/10/2022	AA+	Aaa	9,882,238.21	9,979,795.04	37,624.04	9,891,223.29	9,973,896.61	38,054.04	10,011,950.65

NHCWRA 2018 DSRF

Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moody's Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amortized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
NHCWRA 2018 DSRF	9128283X6	United States	02/15/2021	AA+	Aaa	1,999,777.51	2,001,650.00	20,788.04	0.00	0.00	0.00	0.00
NHCWRA 2018 DSRF	31846V443	U.S. Bancorp	02/28/2021	AAAm	Aaa	39,631.71	39,631.71	0.00	2,063,166.57	2,063,166.57	0.00	2,063,166.57
NHCWRA 2018 DSRF	CCYUSD	---	02/28/2021	AA+	Aaa	6.54	6.54	0.00	12,504.49	12,504.49	0.00	12,504.49
NHCWRA 2018 DSRF	9128284P2	United States	05/15/2021	AA+	Aaa	2,000,519.08	2,014,376.00	11,312.15	2,000,377.97	2,010,500.00	15,372.93	2,025,872.93
NHCWRA 2018 DSRF	912828D72	United States	08/31/2021	AA+	Aaa	1,246,434.69	1,263,573.75	10,635.36	1,246,909.40	1,262,060.00	67.93	1,262,127.93
NHCWRA 2018 DSRF	3133ELEF7	Farm Credit System	09/20/2021	AA+	Aaa	1,999,376.44	2,020,020.86	12,008.33	1,999,452.50	2,017,630.22	14,758.33	2,032,388.55
NHCWRA 2018 DSRF	912828P96	United States	10/31/2021	AA+	Aaa	2,005,087.63	2,027,968.00	10,276.24	2,004,560.99	2,025,782.00	13,370.17	2,039,152.17
NHCWRA 2018 DSRF	3130A0EN6	Federal Home Loan Banks	12/10/2021	AA+	Aaa	2,003,938.34	2,047,739.88	8,145.83	2,003,586.48	2,043,426.12	12,937.50	2,056,363.62
NHCWRA 2018 DSRF	3135G0U92	Federal National Mortgage Association	01/11/2022	AA+	Aaa	669,844.46	685,991.78	977.08	669,857.14	684,539.26	2,442.71	686,981.97
NHCWRA 2018 DSRF	912828W89	United States	03/31/2022	AA+	Aaa	2,004,964.59	2,040,860.00	12,774.73	2,004,638.69	2,038,594.00	15,659.34	2,054,253.34
NHCWRA 2018 DSRF	9128286M7	United States	04/15/2022	AA+	Aaa	2,014,401.71	2,051,406.00	13,475.27	2,013,488.34	2,047,734.00	16,936.81	2,064,670.81
NHCWRA 2018 DSRF	3133ELGN8	Farm Credit System	10/13/2022	AA+	Aaa	2,506,071.33	2,562,517.05	12,000.00	2,505,799.33	2,557,173.55	15,333.33	2,572,506.88
NHCWRA 2018 DSRF	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	1,854,899.61	1,858,782.17	1,946.35	1,854,729.89	1,858,765.37	2,524.48	1,861,289.85
NHCWRA 2018 DSRF	3135G05Q4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	2,496,972.46	2,505,526.85	364.58	2,497,068.17	2,502,020.78	885.42	2,502,906.19
NHCWRA 2018 DSRF	3137EAEV7	Freddie Mac	08/24/2023	AA+	Aaa	2,000,314.81	2,004,490.90	2,222.22	2,000,305.47	2,001,538.14	97.22	2,001,635.36
NHCWRA 2018 DSRF	3137EAEY1	Freddie Mac	10/16/2023	AA+	Aaa	1,993,090.57	1,997,251.96	729.17	1,993,286.45	1,992,436.04	937.50	1,993,373.54
NHCWRA 2018 DSRF	3137EAF2A	Freddie Mac	12/04/2023	AA+	Aaa	2,250,000.00	2,252,723.69	890.63	2,250,000.00	2,245,648.19	1,359.38	2,247,007.56
NHCWRA 2018 DSRF	3133EMNG3	Farm Credit System	01/19/2024	AA+	Aaa	2,149,745.08	2,150,261.44	164.83	2,149,751.71	2,144,078.02	576.92	2,144,654.94
NHCWRA 2018 DSRF	---	---	08/25/2022	AA+	Aaa	31,235,076.56	31,524,778.59	118,710.84	31,269,483.60	31,507,596.74	113,259.97	31,620,856.71

NHCWRA - 2017 TWDB DSRF

Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moody's Rating	Beginning Date	Beginning Date	Beginning Date	Ending Date	Date	Ending Date	Accrued Ending Date
NHCWRA - 2017 TWDB DSRF	9128283X6	United States	02/15/2021	AA+	Aaa	1,499,833.13	1,501,237.50	15,591.03	0.00	0.00	0.00	0.00
NHCWRA - 2017 TWDB DSRF	31846V443	U.S. Bancorp	02/28/2021	AAAm	Aaa	162,112.75	162,112.75	0.00	1,677,979.32	1,677,979.32	0.00	1,677,979.32
NHCWRA - 2017 TWDB DSRF	CCYUSD	---	02/28/2021	AA+	Aaa	0.81	0.81	0.00	14,503.98	14,503.98	0.00	14,503.98
NHCWRA - 2017 TWDB DSRF	9128284P2	United States	05/15/2021	AA+	Aaa	1,500,389.31	1,510,782.00	8,484.12	1,500,283.48	1,507,875.00	11,529.70	1,519,404.70
NHCWRA - 2017 TWDB DSRF	912828D72	United States	08/31/2021	AA+	Aaa	1,445,864.24	1,465,745.55	12,337.02	1,446,414.90	1,463,989.60	78.80	1,464,068.40
NHCWRA - 2017 TWDB DSRF	912828T67	United States	10/31/2021	AA+	Aaa	1,694,474.09	1,714,344.60	5,459.25	1,695,046.03	1,713,414.70	7,102.90	1,720,517.60
NHCWRA - 2017 TWDB DSRF	3130A0EN6	Federal Home Loan Banks	12/10/2021	AA+	Aaa	1,502,953.76	1,535,804.91	6,109.38	1,502,689.86	1,532,569.59	9,703.13	1,542,272.72
NHCWRA - 2017 TWDB DSRF	3135G0U92	Federal National Mortgage Association	01/11/2022	AA+	Aaa	504,882.76	517,053.51	736.46	504,892.32	515,958.70	1,841.15	517,799.84
NHCWRA - 2017 TWDB DSRF	912828J76	United States	03/31/2022	AA+	Aaa	1,649,000.53	1,681,323.60	9,836.54	1,649,066.08	1,679,389.80	12,057.69	1,691,447.49
NHCWRA - 2017 TWDB DSRF	9128286M7	United States	04/15/2022	AA+	Aaa	1,510,801.28	1,538,554.50	10,106.46	1,510,116.26	1,535,800.50	12,702.61	1,548,503.11
NHCWRA - 2017 TWDB DSRF	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	1,538,324.71	1,540,830.30	4,515.63	1,536,150.87	1,538,012.06	7,171.88	1,545,183.93
NHCWRA - 2017 TWDB DSRF	3133ELGN8	Farm Credit System	10/13/2022	AA+	Aaa	1,578,824.94	1,614,385.74	7,560.00	1,578,653.58	1,611,019.34	9,660.00	1,620,679.34
NHCWRA - 2017 TWDB DSRF	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	1,503,972.66	1,507,120.68	1,578.13	1,503,835.05	1,507,107.06	2,046.88	1,509,153.94
NHCWRA - 2017 TWDB DSRF	3135G05Q4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	1,648,001.82	1,653,647.72	240.63	1,648,064.99	1,651,333.71	584.38	1,651,918.09
NHCWRA - 2017 TWDB DSRF	3137EAEY1	Freddie Mac	10/16/2023	AA+	Aaa	1,494,817.93	1,497,938.97	546.88	1,494,964.84	1,494,327.03	703.13	1,495,030.16
NHCWRA - 2017 TWDB DSRF	3137EAF2A	Freddie Mac	12/04/2023	AA+	Aaa	1,575,000.00	1,576,906.58	623.44	1,575,000.00	1,571,953.73	951.56	1,572,905.29
NHCWRA - 2017 TWDB DSRF	---	---	06/18/2022	AA+	Aaa	20,809,254.74	21,017,789.72	83,724.93	20,837,661.56	21,015,234.11	76,133.79	21,091,367.90



NHCWRA - 2015 TWDB DSRF

Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moody's Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amortized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
NHCWRA - 2015 TWDB DSRF	9128283X6	United States	02/15/2021	AA+	Aaa	500,065.19	500,412.50	5,197.01	0.00	0.00	0.00	0.00
NHCWRA - 2015 TWDB DSRF	31846V443	U.S. Bancorp	02/28/2021	AAAm	Aaa	33,742.91	33,742.91	0.00	542,951.06	542,951.06	0.00	542,951.06
NHCWRA - 2015 TWDB DSRF	CCYUSD	---	02/28/2021	AA+	Aaa	3,783.12	3,783.12	0.00	1.25	1.25	0.00	1.25
NHCWRA - 2015 TWDB DSRF	9128286V7	United States	05/31/2021	AA+	Aaa	525,663.38	528,486.53	1,930.89	525,507.29	527,669.63	2,789.06	530,458.69
NHCWRA - 2015 TWDB DSRF	912828T67	United States	10/31/2021	AA+	Aaa	498,374.73	504,219.00	1,605.66	498,542.95	503,945.50	2,089.09	506,034.59
NHCWRA - 2015 TWDB DSRF	912828Z60	United States	01/31/2022	AA+	Aaa	549,782.94	556,982.25	20.89	549,799.72	556,509.80	605.84	557,115.64
NHCWRA - 2015 TWDB DSRF	3135G0T78	Federal National Mortgage Association	10/05/2022	AA+	Aaa	411,883.19	412,532.55	2,577.78	411,337.91	411,851.01	3,244.44	415,095.45
NHCWRA - 2015 TWDB DSRF	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	501,324.22	502,373.56	526.04	501,278.35	502,369.02	682.29	503,051.31
NHCWRA - 2015 TWDB DSRF	3135G0S G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	549,333.94	551,215.91	80.21	549,355.00	550,444.57	194.79	550,639.36
NHCWRA - 2015 TWDB DSRF	3133EMNG3	Farm Credit System	01/19/2024	AA+	Aaa	574,931.82	575,069.92	44.08	574,933.60	573,416.21	154.29	573,570.51
NHCWRA - 2015 TWDB DSRF	---	---	07/10/2022	AA+	Aaa	4,148,885.45	4,168,818.24	11,982.57	4,153,707.13	4,169,158.05	9,759.81	4,178,917.85

NHCRWA Improvement Fund

Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moody's Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amortized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
NHCRWA Improvement Fund	9128283X6	United States	02/15/2021	AA+	Aaa	2,999,203.58	3,002,475.00	31,182.07	0.00	0.00	0.00	0.00
NHCRWA Improvement Fund	31846V443	U.S. Bancorp	02/28/2021	AAAm	Aaa	125,512.89	125,512.89	0.00	3,213,725.42	3,213,725.42	0.00	3,213,725.42
NHCRWA Improvement Fund	CCYUSD	---	02/28/2021	AA+	Aaa	11.35	11.35	0.00	18,288.41	18,288.41	0.00	18,288.41
NHCRWA Improvement Fund	9128284B3	United States	03/15/2021	AA+	Aaa	3,399,028.83	3,409,010.00	31,006.22	3,399,676.28	3,403,029.40	37,252.07	3,440,281.47
NHCRWA Improvement Fund	3133EJLZ0	Farm Credit System	04/23/2021	AA+	Aaa	3,424,373.96	3,444,866.51	24,474.48	3,424,590.37	3,437,750.08	31,966.67	3,469,716.74
NHCRWA Improvement Fund	9128284T4	United States	06/15/2021	AA+	Aaa	2,996,128.06	3,027,891.00	10,384.62	2,996,937.12	3,022,266.00	16,442.31	3,038,708.31
NHCRWA Improvement Fund	912828RC6	United States	08/15/2021	AA+	Aaa	1,796,030.42	1,819,688.40	17,669.84	1,796,593.41	1,817,296.20	1,479.28	1,818,775.48
NHCRWA Improvement Fund	31378JP7	Federal Home Loan Banks	09/10/2021	AA+	Aaa	2,008,912.85	2,027,579.64	18,604.17	2,007,775.77	2,024,874.06	22,562.50	2,047,436.56
NHCRWA Improvement Fund	912828T67	United States	10/31/2021	AA+	Aaa	2,990,248.40	3,025,314.00	9,633.98	2,991,257.69	3,023,673.00	12,534.53	3,036,207.53
NHCRWA Improvement Fund	912828T67	United States	10/31/2021	AA+	Aaa	498,374.73	504,219.00	1,605.66	498,542.95	503,945.50	2,089.09	506,034.59
NHCRWA Improvement Fund	3133EJT74	Farm Credit System	11/15/2021	AA+	Aaa	3,002,527.08	3,070,044.99	19,316.67	3,002,280.25	3,062,668.05	26,941.67	3,089,609.72
NHCRWA Improvement Fund	912828U65	United States	11/30/2021	AA+	Aaa	2,251,654.20	2,280,586.50	6,814.90	2,251,501.09	2,278,300.50	9,843.75	2,288,144.25
NHCRWA Improvement Fund	3130A0EN6	Federal Home Loan Banks	12/10/2021	AA+	Aaa	2,955,833.97	3,020,416.32	12,015.10	2,955,312.75	3,014,053.53	19,082.81	3,033,136.34
NHCRWA Improvement Fund	912828S V8	United States	01/15/2022	AA+	Aaa	2,998,107.94	3,068,202.00	3,522.10	2,998,260.47	3,062,931.00	9,323.20	3,072,254.20
NHCRWA Improvement Fund	3133ELKN3	Farm Credit System	01/28/2022	AA+	Aaa	2,600,336.84	2,637,866.24	335.83	2,600,310.60	2,634,420.13	3,694.17	2,638,114.29
NHCRWA Improvement Fund	313378WG2	Federal Home Loan Banks	03/11/2022	AA+	Aaa	2,204,871.00	2,258,061.98	21,388.89	2,204,535.28	2,253,835.30	25,972.22	2,279,807.52
NHCRWA Improvement Fund	3135G0T45	Federal National Mortgage Association	04/05/2022	AA+	Aaa	2,251,690.27	2,297,140.34	13,593.75	2,251,580.70	2,292,819.98	17,109.38	2,309,929.35
NHCRWA Improvement Fund	912828XR6	United States	05/31/2022	AA+	Aaa	2,250,208.90	2,298,692.25	6,814.90	2,250,196.91	2,295,614.25	9,843.75	2,305,458.00
NHCRWA Improvement Fund	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	2,258,089.92	2,311,245.45	6,773.44	2,257,635.13	2,307,018.08	10,757.81	2,317,775.90
NHCRWA Improvement Fund	9128287C8	United States	07/15/2022	AA+	Aaa	2,003,544.73	2,047,500.00	1,643.65	2,003,357.61	2,044,532.00	4,350.83	2,048,882.83
NHCRWA Improvement Fund	9128282S8	United States	08/31/2022	AA+	Aaa	2,251,243.83	2,303,349.75	15,554.21	2,251,183.67	2,299,923.00	99.35	2,300,022.35
NHCRWA Improvement Fund	313380GJ0	Federal Home Loan Banks	09/09/2022	AA+	Aaa	1,512,782.41	1,545,485.04	11,833.33	1,512,172.65	1,541,965.92	14,333.33	1,556,299.25
NHCRWA Improvement Fund	3133ELGN8	Farm Credit System	10/13/2022	AA+	Aaa	2,255,464.20	2,306,265.35	10,800.00	2,255,219.40	2,301,456.20	13,800.00	2,315,256.20
NHCRWA Improvement Fund	912828YK0	United States	10/15/2022	AA+	Aaa	2,490,944.99	2,553,125.00	10,293.61	2,491,348.89	2,549,512.50	12,937.84	2,562,450.34
NHCRWA Improvement Fund	912828YW4	United States	12/15/2022	AA+	Aaa	2,498,094.76	2,570,117.50	5,357.14	2,498,172.17	2,565,917.50	8,482.14	2,574,399.64
NHCRWA Improvement Fund	3133EL3U6	Farm Credit System	02/01/2023	AA+	Aaa	3,496,916.18	3,502,330.37	2,957.50	3,497,035.25	3,501,640.35	525.00	3,502,165.35
NHCRWA Improvement Fund	3130AJ7E3	Federal Home Loan Banks	02/17/2023	AA+	Aaa	4,604,500.68	4,617,695.16	28,187.50	4,600,591.32	4,608,930.92	2,406.25	4,611,337.17
NHCRWA Improvement Fund	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	4,010,593.75	4,018,988.48	4,208.33	4,010,226.79	4,018,952.16	5,458.33	4,024,410.49
NHCRWA Improvement Fund	3137EAE S4	Freddie Mac	06/26/2023	AA+	Aaa	3,999,227.42	4,008,514.92	972.22	3,999,252.13	4,000,581.24	1,805.56	4,002,386.80
NHCRWA Improvement Fund	3135G0S G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	4,993,944.92	5,011,053.70	729.17	4,994,136.34	5,004,041.55	1,770.83	5,005,812.38
NHCRWA Improvement Fund	3137EAEV7	Freddie Mac	08/24/2023	AA+	Aaa	4,500,708.32	4,510,104.53	5,000.00	4,500,687.32	4,503,460.82	218.75	4,503,679.57
NHCRWA Improvement Fund	3137EAEY1	Freddie Mac	10/16/2023	AA+	Aaa	2,989,635.86	2,995,877.94	1,093.75	2,989,929.68	2,988,654.06	1,406.25	2,990,060.31
NHCRWA Improvement Fund	3133EMNG3	Farm Credit System	01/19/2024	AA+	Aaa	3,699,561.30	3,700,449.92	283.67	3,699,572.71	3,689,808.68	992.83	3,690,801.52
NHCRWA Improvement Fund	---	---	07/20/2022	AA+	Aaa	88,318,308.57	89,319,681.51	334,050.69	88,421,886.53	89,285,885.76	325,482.52	89,611,368.27

NHCRWA Coverage Fund

Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moody's Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amortized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
NHCRWA Coverage Fund	31846V443	U.S. Bancorp	02/28/2021	AAAm	Aaa	173,212.28	173,212.28	0.00	173,735.41	173,735.41	0.00	173,735.41
NHCRWA Coverage Fund	CCYUSD	---	02/28/2021	AA+	Aaa	0.86	0.86	0.00	2,813.30	2,813.30	0.00	2,813.30
NHCRWA Coverage Fund	9128284B3	United States	03/15/2021	AA+	Aaa	524,850.04	526,391.25	4,787.72	524,950.01	525,467.78	5,752.16	531,219.93
NHCRWA Coverage Fund	3133EJLZ0	Farm Credit System	04/23/2021	AA+	Aaa	549,899.47	553,190.24	3,930.21	549,934.22	552,047.46	5,133.33	557,180.79
NHCRWA Coverage Fund	912828WR7	United States	06/30/2021	AA+	Aaa	474,347.36	478,970.53	892.27	474,470.01	478,265.63	1,673.00	479,938.62
NHCRWA Coverage Fund	9128282F6	United States	08/31/2021	AA+	Aaa	497,921.42	502,949.00	2,392.96	498,198.91	502,636.50	15.29	502,651.79
NHCRWA Coverage Fund	912828T67	United States	10/31/2021	AA+	Aaa	249,187.37	252,109.50	802.83	249,271.47	251,972.75	1,044.54	253,017.29
NHCRWA Coverage Fund	3137EADB2	Freddie Mac	01/13/2022	AA+	Aaa	326,703.93	332,031.52	385.94	326,565.50	331,408.34	1,029.17	332,437.50
NHCRWA Coverage Fund	3133ELKN3	Farm Credit System	01/28/2022	AA+	Aaa	400,051.82	405,825.58	51.67	400,047.78	405,295.40	568.33	405,863.74
NHCRWA Coverage Fund	9128286M7	United States	04/15/2022	AA+	Aaa	377,700.32	384,638.63	2,526.61	377,529.06	383,950.13	3,175.65	387,125.78
NHCRWA Coverage Fund	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	275,988.77	282,485.56	827.86	275,933.18	281,968.88	1,314.84	283,283.72
NHCRWA Coverage Fund	3133EL6R0	Farm Credit System	09/09/2022	AA+	Aaa	749,817.74	750,350.21	443.75	749,826.54	749,788.78	537.50	750,326.28
NHCRWA Coverage Fund	912828YK0	United States	10/15/2022	AA+	Aaa	323,822.85	331,906.25	1,338.17	323,875.35	331,436.63	1,681.92	333,118.54
NHCRWA Coverage Fund	912828YK0	United States	10/15/2022	AA+	Aaa	324,392.76	331,906.25	1,338.17	324,419.87	331,436.63	1,681.92	333,118.54
NHCRWA Coverage Fund	912828YW4	United States	12/15/2022	AA+	Aaa	749,428.43	771,035.25	1,607.14	749,451.65	769,775.25	2,544.64	772,319.89
NHCRWA Coverage Fund	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	751,986.33	753,560.34	789.06	751,917.52	753,553.53	1,023.44	754,576.97
NHCRWA Coverage Fund	3137EAES4	Freddie Mac	06/26/2023	AA+	Aaa	649,874.46	651,383.67	157.99	649,878.47	650,094.45	293.40	650,387.85
NHCRWA Coverage Fund	3135G05G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	749,091.74	751,658.06	109.38	749,120.45	750,606.23	265.63	750,871.86
NHCRWA Coverage Fund	3137EAEV7	Freddie Mac	08/24/2023	AA+	Aaa	750,118.05	751,684.09	833.33	750,114.55	750,576.80	36.46	750,613.26
NHCRWA Coverage Fund	---	---	07/21/2022	AA+	Aaa	8,898,395.99	8,985,289.05	23,215.06	8,902,053.28	8,976,829.85	27,771.22	9,004,601.07

NHCRWA 2014 DSRF

Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moody's Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amortized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
NHCRWA 2014 DSRF	31846V443	U.S. Bancorp	02/28/2021	AAAm	Aaa	27,150.38	27,150.38	0.00	27,496.51	27,496.51	0.00	27,496.51
NHCRWA 2014 DSRF	CCYUSD	---	02/28/2021	AA+	Aaa	1.08	1.08	0.00	2,968.88	2,968.88	0.00	2,968.88
NHCRWA 2014 DSRF	9128284B3	United States	03/15/2021	AA+	Aaa	324,907.17	325,861.25	2,963.83	324,969.06	325,289.58	3,560.86	328,850.43
NHCRWA 2014 DSRF	3133EJLZ0	Farm Credit System	04/23/2021	AA+	Aaa	349,936.03	352,030.15	2,501.04	349,958.14	351,302.93	3,266.67	354,569.59
NHCRWA 2014 DSRF	912828WR7	United States	06/30/2021	AA+	Aaa	299,587.81	302,507.70	563.54	299,665.27	302,062.50	1,056.63	303,119.13
NHCRWA 2014 DSRF	9128282F6	United States	08/31/2021	AA+	Aaa	273,856.78	276,621.95	1,316.13	274,009.40	276,450.08	8.41	276,458.48
NHCRWA 2014 DSRF	912828YT1	United States	11/30/2021	AA+	Aaa	505,670.13	505,801.00	1,298.08	505,142.88	505,351.50	1,875.00	507,226.50
NHCRWA 2014 DSRF	3137EADB2	Freddie Mac	01/13/2022	AA+	Aaa	226,179.64	229,867.98	267.19	226,083.80	229,436.54	712.50	230,149.04
NHCRWA 2014 DSRF	3133ELKN3	Farm Credit System	01/28/2022	AA+	Aaa	300,038.87	304,369.18	38.75	300,035.84	303,971.55	426.25	304,397.80
NHCRWA 2014 DSRF	9128286M7	United States	04/15/2022	AA+	Aaa	302,160.26	307,710.90	2,021.29	302,023.25	307,160.10	2,540.52	309,700.62
NHCRWA 2014 DSRF	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	200,719.10	205,444.04	602.08	200,678.68	205,068.27	956.25	206,024.52
NHCRWA 2014 DSRF	9128282S8	United States	08/31/2022	AA+	Aaa	175,402.26	179,149.43	1,209.77	175,382.78	178,882.90	7.73	178,890.63
NHCRWA 2014 DSRF	912828YW4	United States	12/15/2022	AA+	Aaa	349,733.27	359,816.45	750.00	349,744.10	359,228.45	1,187.50	360,415.95
NHCRWA 2014 DSRF	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	300,794.53	301,424.14	315.63	300,767.01	301,421.41	409.38	301,830.79
NHCRWA 2014 DSRF	3137EAES4	Freddie Mac	06/26/2023	AA+	Aaa	549,893.77	551,170.80	133.68	549,897.17	550,079.92	248.26	550,328.18
NHCRWA 2014 DSRF	3135G05G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	349,576.14	350,773.76	51.04	349,589.54	350,282.91	123.96	350,406.87
NHCRWA 2014 DSRF	3137EAEV7	Freddie Mac	08/24/2023	AA+	Aaa	500,078.70	501,122.73	555.56	500,076.37	500,384.54	24.31	500,408.84
NHCRWA 2014 DSRF	3137EAF2	Freddie Mac	12/04/2023	AA+	Aaa	650,000.00	648,742.81	257.29	650,000.00	649,742.81	392.71	649,135.52
NHCRWA 2014 DSRF	3133EMNG3	Farm Credit System	01/19/2024	AA+	Aaa	324,961.47	325,039.52	24.92	324,962.47	324,104.82	87.21	324,192.03
NHCRWA 2014 DSRF	---	---	09/18/2022	AA+	Aaa	6,010,647.38	6,056,649.27	14,869.81	6,013,451.15	6,049,686.19	16,884.13	6,066,570.32



NHCRA 2013 DSRF												
Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moodys Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amortized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
NHCRA 2013 DSRF	31846V443	U.S. Bancorp	02/28/2021	AAAm	Aaa	84,557.19	84,557.19	0.00	85,098.09	85,098.09	0.00	85,098.09
NHCRA 2013 DSRF	CCYUSD	---	02/28/2021	AA+	Aaa	0.40	0.40	0.00	2,031.64	2,031.64	0.00	2,031.64
NHCRA 2013 DSRF	9128284B3	United States	03/15/2021	AA+	Aaa	449,871.46	451,192.50	4,103.76	449,957.15	450,400.95	4,930.42	455,331.37
NHCRA 2013 DSRF	3133EJLZ0	Farm Credit System	04/23/2021	AA+	Aaa	449,917.75	452,610.20	3,215.63	449,946.18	451,675.19	4,200.00	455,875.19
NHCRA 2013 DSRF	912828WR7	United States	06/30/2021	AA+	Aaa	524,278.66	529,388.48	986.19	524,414.22	528,609.38	1,849.10	530,458.48
NHCRA 2013 DSRF	912828F21	United States	09/30/2021	AA+	Aaa	573,320.53	582,681.43	4,162.43	573,514.58	581,940.25	5,102.34	587,042.59
NHCRA 2013 DSRF	912828T67	United States	10/31/2021	AA+	Aaa	249,187.37	252,109.50	802.83	249,271.47	251,972.75	1,044.54	253,017.29
NHCRA 2013 DSRF	3137EADB2	Freddie Mac	01/13/2022	AA+	Aaa	527,752.50	536,358.61	623.44	527,528.88	535,351.93	1,662.50	537,014.43
NHCRA 2013 DSRF	3133ELKN3	Farm Credit System	01/28/2022	AA+	Aaa	500,064.78	507,281.97	64.58	500,059.73	506,619.26	710.42	507,329.67
NHCRA 2013 DSRF	9128286M7	United States	04/15/2022	AA+	Aaa	453,240.39	461,566.35	3,031.94	453,034.88	460,740.15	3,810.78	464,550.93
NHCRA 2013 DSRF	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	326,168.54	333,846.57	978.39	326,102.85	333,235.95	1,553.91	334,789.85
NHCRA 2013 DSRF	9128282S8	United States	08/31/2022	AA+	Aaa	250,574.66	255,927.75	1,728.25	250,546.83	255,547.00	11.04	255,558.04
NHCRA 2013 DSRF	9128282W9	United States	09/30/2022	AA+	Aaa	771,576.28	771,855.75	4,790.52	770,577.30	770,508.00	5,872.25	776,380.25
NHCRA 2013 DSRF	912828YK0	United States	10/15/2022	AA+	Aaa	323,822.85	331,906.25	1,338.17	323,875.35	331,436.63	1,681.92	333,118.54
NHCRA 2013 DSRF	912828YW4	United States	12/15/2022	AA+	Aaa	549,580.84	565,425.85	1,178.57	549,597.88	564,501.85	1,866.07	566,367.92
NHCRA 2013 DSRF	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	601,589.06	602,848.27	631.25	601,534.02	602,842.82	818.75	603,661.57
NHCRA 2013 DSRF	3137EAE54	Freddie Mac	06/26/2023	AA+	Aaa	524,898.60	526,117.58	127.60	524,901.84	525,076.29	236.98	525,313.27
NHCRA 2013 DSRF	3135G05G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	599,273.39	601,326.44	87.50	599,296.36	600,484.99	212.50	600,697.49
NHCRA 2013 DSRF	3137EAEV7	Freddie Mac	08/24/2023	AA+	Aaa	750,118.05	751,684.09	833.33	750,114.55	750,576.80	36.46	750,613.26
NHCRA 2013 DSRF	---	---	07/05/2022	AA+	Aaa	8,509,793.30	8,598,685.17	28,684.38	8,511,403.80	8,588,649.90	35,599.98	8,624,249.88

NHCRA 2008 DSRF												
Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moodys Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amortized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
NHCRA 2008 DSRF	3133EJXV6	Farm Credit System	02/23/2021	AA+	Aaa	624,983.02	626,004.21	7,406.25	0.00	0.00	0.00	0.00
NHCRA 2008 DSRF	31846V443	U.S. Bancorp	02/28/2021	AAAm	Aaa	105,531.55	105,531.55	0.00	739,926.15	739,926.15	0.00	739,926.15
NHCRA 2008 DSRF	CCYUSD	---	02/28/2021	AA+	Aaa	0.48	0.48	0.00	7,079.24	7,079.24	0.00	7,079.24
NHCRA 2008 DSRF	9128284B3	United States	03/15/2021	AA+	Aaa	974,721.50	977,583.75	8,891.49	974,907.17	975,868.73	10,682.58	986,551.30
NHCRA 2008 DSRF	3133EJLZ0	Farm Credit System	04/23/2021	AA+	Aaa	974,821.78	980,655.43	6,967.19	974,883.39	978,629.58	9,100.00	987,729.58
NHCRA 2008 DSRF	912828WR7	United States	06/30/2021	AA+	Aaa	848,832.12	857,105.15	1,596.69	849,051.59	855,843.75	2,993.78	858,837.53
NHCRA 2008 DSRF	9128282F6	United States	08/31/2021	AA+	Aaa	497,921.42	502,949.00	2,392.96	498,198.91	502,636.50	15.29	502,651.79
NHCRA 2008 DSRF	912828T67	United States	10/31/2021	AA+	Aaa	996,749.47	1,008,438.00	3,211.33	997,085.90	1,007,891.00	4,178.18	1,012,069.18
NHCRA 2008 DSRF	3133EJT74	Farm Credit System	11/15/2021	AA+	Aaa	700,589.65	716,343.83	4,507.22	700,532.06	714,622.55	6,286.39	720,908.93
NHCRA 2008 DSRF	912828U81	United States	12/31/2021	AA+	Aaa	752,209.22	763,008.00	1,325.97	752,022.63	761,953.50	2,486.19	764,439.69
NHCRA 2008 DSRF	3137EADB2	Freddie Mac	01/13/2022	AA+	Aaa	1,206,291.43	1,225,962.54	1,425.00	1,205,780.29	1,223,661.55	3,800.00	1,227,461.55
NHCRA 2008 DSRF	3133ELKN3	Farm Credit System	01/28/2022	AA+	Aaa	750,097.16	760,922.96	96.88	750,089.59	759,928.88	1,065.63	760,994.51
NHCRA 2008 DSRF	9128286M7	United States	04/15/2022	AA+	Aaa	705,040.60	717,992.10	4,716.35	704,720.92	716,706.90	5,927.88	722,634.78
NHCRA 2008 DSRF	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	853,056.19	873,137.17	2,558.85	852,884.38	871,540.16	4,064.06	875,604.23
NHCRA 2008 DSRF	9128282S8	United States	08/31/2022	AA+	Aaa	526,206.78	537,448.28	3,629.32	526,148.34	536,648.70	23.18	536,671.88
NHCRA 2008 DSRF	9128282W9	United States	09/30/2022	AA+	Aaa	1,028,768.37	1,029,141.00	6,387.36	1,027,436.41	1,027,344.00	7,829.67	1,035,173.67
NHCRA 2008 DSRF	3135G0T78	Federal National Mortgage Association	10/05/2022	AA+	Aaa	1,029,707.97	1,031,331.37	6,444.44	1,028,344.78	1,029,627.52	8,111.11	1,037,738.63
NHCRA 2008 DSRF	912828YK0	United States	10/15/2022	AA+	Aaa	572,917.35	587,218.75	2,367.53	573,010.25	586,387.88	2,975.70	589,363.58
NHCRA 2008 DSRF	912828YW4	United States	12/15/2022	AA+	Aaa	749,428.43	771,035.25	1,607.14	749,451.65	769,775.25	2,544.64	772,319.89
NHCRA 2008 DSRF	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	1,253,310.55	1,255,933.90	1,315.10	1,253,195.87	1,255,922.55	1,705.73	1,257,628.28
NHCRA 2008 DSRF	3137EAE54	Freddie Mac	06/26/2023	AA+	Aaa	749,855.14	751,596.55	182.29	749,859.77	750,108.98	338.54	750,447.52
NHCRA 2008 DSRF	3135G05G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	1,248,486.23	1,252,763.43	182.29	1,248,534.09	1,251,010.39	442.71	1,251,453.10
NHCRA 2008 DSRF	3137EAEV7	Freddie Mac	08/24/2023	AA+	Aaa	1,500,236.11	1,503,368.18	1,666.67	1,500,229.11	1,501,153.61	72.92	1,501,226.52
NHCRA 2008 DSRF	3137EAF2A	Freddie Mac	12/04/2023	AA+	Aaa	950,000.00	951,150.00	376.04	950,000.00	948,162.57	573.96	948,736.53
NHCRA 2008 DSRF	---	---	06/30/2022	AA+	Aaa	19,599,762.54	19,786,620.86	69,254.35	19,613,372.49	19,772,429.92	75,218.14	19,847,648.06

NHCRWA 2008 Capital Contributi

Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moodys Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amotized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
NHCRWA 2008 Capital Contributi	31846V443	U.S. Bancorp	02/28/2021	AAAm	Aaa	8,331.22	8,331.22	0.00	2,047,311.77	2,047,311.77	0.00	2,047,311.77
NHCRWA 2008 Capital Contributi	CCYUSD	---	02/28/2021	AA+	Aaa	2,040,756.38	2,040,756.38	0.00	2,531,259.50	2,531,259.50	0.00	2,531,259.50
NHCRWA 2008 Capital Contributi	9128286D7	United States	02/28/2021	AA+	Aaa	2,501,805.81	2,504,510.00	26,588.40	0.00	0.00	0.00	0.00
NHCRWA 2008 Capital Contributi	9127962F5	United States	03/25/2021	AA+	Aaa	1,999,590.07	1,999,826.00	0.00	1,999,810.80	1,999,950.00	0.00	1,999,950.00
NHCRWA 2008 Capital Contributi	9127962Q1	United States	04/22/2021	AA+	Aaa	1,999,360.45	1,999,734.00	0.00	1,999,584.29	1,999,906.00	0.00	1,999,906.00
NHCRWA 2008 Capital Contributi	912828R77	United States	05/31/2021	AA+	Aaa	2,008,035.93	2,008,282.00	4,759.62	2,006,145.13	2,006,422.00	6,875.00	2,013,297.00
NHCRWA 2008 Capital Contributi	9127963H0	United States	06/17/2021	AA+	Aaa	1,998,900.67	1,999,434.00	0.00	1,999,127.00	1,999,684.00	0.00	1,999,684.00
NHCRWA 2008 Capital Contributi	9127963S6	United States	07/15/2021	AA+	Aaa	1,998,633.33	1,999,294.00	0.00	1,998,866.66	1,999,622.00	0.00	1,999,622.00
NHCRWA 2008 Capital Contributi	9127964B2	United States	08/12/2021	AA+	Aaa	1,998,666.66	1,999,254.00	0.00	1,998,861.11	1,999,476.00	0.00	1,999,476.00
NHCRWA 2008 Capital Contributi	9128285A4	United States	09/15/2021	AA+	Aaa	2,235,559.07	2,236,093.20	23,230.66	2,231,096.51	2,231,882.40	27,910.22	2,259,792.62
NHCRWA 2008 Capital Contributi	9128285F3	United States	10/15/2021	AA+	Aaa	2,038,350.82	2,038,828.00	17,218.41	2,034,141.79	2,034,844.00	21,641.48	2,056,485.48
NHCRWA 2008 Capital Contributi	912828RR3	United States	11/15/2021	AA+	Aaa	2,029,105.41	2,029,688.00	8,618.78	2,026,237.17	2,027,344.00	11,712.71	2,039,056.71
NHCRWA 2008 Capital Contributi	9128285R7	United States	12/15/2021	AA+	Aaa	2,043,592.80	2,043,750.00	6,923.08	2,039,731.40	2,040,078.00	10,961.54	2,051,039.54
NHCRWA 2008 Capital Contributi	912828H86	United States	01/31/2022	AA+	Aaa	2,129,312.63	2,129,202.60	87.02	2,127,039.64	2,126,905.20	2,523.48	2,129,428.68
NHCRWA 2008 Capital Contributi	---	---	07/23/2021	AA+	Aaa	27,030,001.26	27,036,983.40	87,425.96	27,039,212.77	27,044,684.87	81,624.43	27,126,309.30

Summary

Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moodys Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amotized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
---	---	---	06/07/2022	AA+	Aaa	224,442,364.00	226,475,090.86	809,542.62	224,653,455.60	226,384,052.00	799,788.02	227,183,840.03

\* Grouped by: Account  
\* Groups Sorted by: Account  
\* Weighted by: Ending Market Value + Accrued





## Monthly Newsletter: March 2021

### ANNOUNCEMENTS

We welcome the following entities who joined TexPool in February 2021:

#### TexPool

Williamson County ESD 12  
Denton County Clerk

#### TexPool Prime

Denton County Clerk

#### Upcoming Events

April 19 2021 - April 22 2021  
49th Annual County Treasurers Continuing Education Seminar  
Embassy Suites San Marcos Hotel & Conference Center, San Marcos, Texas

June 14, 2021 - June 16, 2021,  
TASBO Summer Solutions Conference

#### TexPool Advisory Board Members

David Garcia	Jerry Dale
Patrick Krishock	David Landeros
Belinda Weaver	Sharon Matthews
Deborah Lauder milk	Vivian Wood

Overseen by the State of Texas Comptroller of Public Accounts Glenn Hegar.

Operated under the supervision of the Texas Treasury Safekeeping Trust Company

### Economic and Market Commentary: Worry list

March 1, 2021

Outdoor enthusiasts, chocolatiers and florists aside, most would like February to end even sooner than it does. Snow isn't quaint anymore and most of us are stir crazy. This year, it manifested in the financial world through handwringing over issues that can't immediately be resolved.

First is inflation. For several months, we have taken the contrarian position that an uptick is possible. Anyone who doubts the power of pent-up demand combined with cash in hand need only look at the blowout retail sales figure in January. But it is a matter of gradations. The recent cries that inflation will skyrocket are unfounded. Federal Reserve Chair Powell threw cold water on the concern in his testimony to Congress last week, reiterating that the economy is a long way from the Fed's employment and inflation goals. Our view is that a slow and steady rise in prices could lead the Fed to move its first hike to next year instead of 2023.

Another hot button is negative rates. The Bank of England yanked the issue into the spotlight again when it told U.K. banks they have six months to prepare their systems to handle them. British policymakers followed that by saying this new mandate didn't mean

(continued page 6)

#### Performance as of February 28, 2021

	TexPool	TexPool Prime
Current Invested Balance	\$28,297,139,111.08	\$10,410,303,522.01
Weighted Average Maturity**	32	50
Weighted Average Life**	88	59
Net Asset Value	1.00015	1.00007
Total Number of Participants	2,643	441
Management Fee on Invested Balance	0.0450%	0.0550%
Interest Distributed	\$957,753.86	\$783,002.84
Management Fee Collected	\$967,857.05	\$413,901.02
Standard & Poor's Current Rating	AAAm	AAAm
<b>Month Averages</b>		
Average Invested Balance	\$28,938,712,681.92	\$10,519,541,041.95
Average Monthly Rate*	0.05%	0.10%
Average Weighted Average Maturity**	32	52
Average Weighted Average Life**	86	61

\*This average monthly rate for TexPool Prime for each date may reflect a waiver of some portion or all of each of the management fees.

\*\*See page 2 for definitions.

Past performance is no guarantee of future results.



# TexSTAR

## MONTHLY NEWSLETTER FEBRUARY 2021

### PERFORMANCE

#### As of February 28, 2021

Current Invested Balance	\$9,576,230,496.50
Weighted Average Maturity (1)	48 Days
Weighted Average Maturity (2)	88 Days
Net Asset Value	1.000151
Total Number of Participants	934
Management Fee on Invested Balance	0.06%*
Interest Distributed	\$717,941.41
Management Fee Collected	\$461,219.07
% of Portfolio Invested Beyond 1 Year	5.06%
Standard & Poor's Current Rating	AAAm

Rates reflect historical information and are not an indication of future performance.

#### February Averages

Average Invested Balance	\$10,020,141,564.15
Average Monthly Yield, on a simple basis	0.0334%
Average Weighted Maturity (1)*	46 Days
Average Weighted Life (2)*	87 Days

#### Definition of Weighted Average Maturity (1) & (2)

(1) This weighted average maturity calculation uses the SEC Rule 2a-7 definition for stated maturity for any floating rate instrument held in the portfolio to determine the weighted average maturity for the pool. This Rule specifies that a variable rate instruction to be paid in 397 calendar days or less shall be deemed to have a maturity equal to the period remaining until the next readjustment of the interest rate.

(2) This weighted average maturity calculation uses the final maturity of any floating rate instruments held in the portfolio to calculate the weighted average maturity for the pool.

The maximum management fee authorized for the TexSTAR Cash Reserve Fund is 12 basis points. This fee may be waived in full or in part in the discretion of the TexSTAR co-administrators at any time as provided for in the TexSTAR Information Statement.

### HOLIDAY REMINDER

In observance of Good Friday, **TexSTAR will be closed Friday, April 2, 2021.** All ACH transactions initiated on Thursday, April 1st will settle on Monday, April 5th. Notification of any early transaction deadlines on the business day preceding this holiday will be sent by email to the primary contact on file for all TexSTAR participants. Please plan accordingly for your liquidity needs.

### ECONOMIC COMMENTARY

#### Market review

Markets focused on the reflation trade, expecting a vaccine led recovery and additional fiscal stimulus with the Federal Reserve (Fed) remaining accommodative for the foreseeable future. Expectations that economic activity will rebound in the second half of the year fueled a global reflation narrative among market participants. While the Fed clearly communicated its willingness to look past transitory increases in inflation, the market began to price in higher growth and inflation expectations. As such, longer term Treasury yields sold off, and the curve steepened during the month. Meanwhile, Treasury bill yields declined as they are well anchored by the Fed's accommodative policy stance. Risk assets showed continued strength, with short credit spreads at their pre-COVID tight. The yield on the three-month Treasury bill declined by 1.5 basis points (bps) to 0.03%, and the yield on the one-year Treasury bill declined by 1 bp to end the month at 0.07%. Vaccinations accelerated, and the growth in COVID case counts fell. The FDA approved a third vaccine, Johnson & Johnson's single-dose COVID-19 vaccine at the end of the month. Fiscal policy remains generous, particularly in the US as Congress is in the process of passing another \$1.9 trillion in COVID relief, which will likely be signed into law by the President in mid-March.

January core inflation figures remained muted, rising modestly and remaining below the Fed's 2% average target. Both headline and core PCE increased 0.3% month over month (m/m) and 1.5% year over year (y/y). Headline CPI rose 0.3% m/m and core CPI was flat in January, both rising 1.4% y/y. In the months ahead, inflation should rise, but not surge. Headline inflation should increase y/y when compared to disinflationary pressures and low oil prices last spring. Employment data weakened as Nonfarm payrolls increased modestly by 49,000 in January, in line with consensus expectations. Notable gains occurred in professional and business services, education and government, although sizable losses occurred in leisure and hospitality, retail, health care and transportation and warehousing. The unemployment rate fell to 6.3%. Although the labor market is likely to struggle this winter due to the pandemic, the broader distribution of vaccines should lead to a sharp rebound in employment in late 2021.

(continued page 4)



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NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY OPERATING BUDGET PLANNING REPORT FISCAL YEAR 2021			
	PROJECTED TOTAL  2020	ORIGINAL BUDGET  2020	PROPOSED BUDGET  2021
<b>REVENUES</b>			
Surface Water and Groundwater Revenues	\$ 107,897,861	\$ 106,091,667	\$ 114,870,833
Interest Earned	\$ 5,393,013	\$ 5,000,000	\$ 500,000
<b>TOTAL REVENUES</b>	<b>\$ 113,290,874</b>	<b>\$ 111,091,667</b>	<b>\$ 115,370,833</b>
<b>EXPENSES</b>			
DEBT SERVICE EXPENSE & RESERVES	\$ 72,585,585	\$ 72,585,585	\$ 87,119,933
<b>O&amp;M EXPENSES:</b>			
OPERATIONS & MAINTENANCE	\$ 17,300,578	\$ 23,581,000	\$ 23,366,000
<b>TOTAL O&amp;M</b>	<b>\$ 17,300,578</b>	<b>\$ 23,581,000</b>	<b>\$ 23,366,000</b>
<b>ADMINISTRATIVE EXPENSES:</b>			
FINANCIAL SERVICES	\$ 64,500	\$ 65,000	\$ 70,000
ENGINEERING SERVICES	\$ 20,000	\$ 50,000	\$ 50,000
LEGAL SERVICES	\$ 213,521	\$ 288,500	\$ 256,500
LEGISLATIVE CONSULTANT	\$ 130,000	\$ 131,500	\$ 131,500
COMMUNICATION SERVICES	\$ 369,908	\$ 390,393	\$ 376,093
MANAGEMENT SERVICES	\$ 2,418,682	\$ 3,114,836	\$ 2,864,952
MISCELLANEOUS SERVICES	\$ 859,262	\$ 520,000	\$ 520,000
CAPITAL OUTLAY	\$ 54,804	\$ 75,000	\$ 100,000
<b>TOTAL ADMINISTRATIVE</b>	<b>\$ 4,130,677</b>	<b>\$ 4,635,229</b>	<b>\$ 4,369,045</b>
<b>TOTAL EXPENSES</b>	<b>\$ 94,016,840</b>	<b>\$ 100,801,814</b>	<b>\$ 114,854,978</b>
<b>NET REVENUES OVER (UNDER) EXPENSES</b>	<b>\$ 19,274,034</b>	<b>\$ 10,289,853</b>	<b>\$ 515,856</b>
<b>BEGINNING FUND BALANCE</b>	<b>\$ 271,280,186</b>	<b>\$ 222,660,429</b>	<b>\$ 290,554,220</b>
<b>BUDGETED ENDING FUND BALANCE</b>	<b>\$ 290,554,220</b>	<b>\$ 232,950,282</b>	<b>\$ 291,070,075</b>



# North Harris County Regional Water Authority

Check/Voucher Register

## 1110 - Cash in Bank - Amegy Operating acct

From 2/1/2021 Through 2/28/2021

Check Date	Check Number	Vendor Name	Check Amount
2/1/2021	7098	KELLY P. FESSLER	440.57
2/1/2021	7099	JAMES PULLIAM	328.85
2/1/2021	7100	ALAN J. RENDL	690.93
2/1/2021	7101	LENOX SIGLER	138.52
2/1/2021	7102	ABSOLUTE COLOR MAILPLEX	36,803.05
2/1/2021	7103	AECOM USA GROUP INC.	12,548.10
2/1/2021	7104	BLUE CROSS OF TEXAS	12,539.89
2/1/2021	7105	BRESNENASSOCIATES, INC.	10,833.33
2/1/2021	7106	CAVALLO ENERGY TEXAS LLC	13.90
2/1/2021	7107	CONSTELLATION NEW ENERGY, INC.	48,841.07
2/1/2021	7108	CITY OF HOUSTON UTILITY CUSTOMER SERVICE	3,523.42
2/1/2021	7109	CITY OF HOUSTON UTILITY CUSTOMER SERVICE	933,468.52
2/1/2021	7110	PAYNE COMMUNICATIONS	7,100.00
2/1/2021	7111	RADCLIFFE BOBBITT ADAMS POLLEY PLLC	12,546.40
2/1/2021	7112	TRISON PROPERTIES	13,227.63
2/1/2021	7113	ENCORE PRINTSTORE	65,078.36
2/3/2021	EFTPS02/03/2021	INTERNAL REVENUE SERVICE	229.52
2/10/2021	401W02/10/2021	VANTAGEPOINT TRANSFER AGENTS - 401	2,822.68
2/12/2021	401X02/12/2021	VANTAGEPOINT TRANSFER AGENTS - 401	7,290.06
2/12/2021	457W02/12/2021	VANTAGEPOINT TRANSFER AGENTS - 457	8,107.46
2/12/2021	EFTPS02/12/2021	INTERNAL REVENUE SERVICE	12,025.68
2/15/2021	FSA02/15/2021	CLARITY BENEFIT SOLUTIONS	189.17
2/26/2021	401W02/26/2021	VANTAGEPOINT TRANSFER AGENTS - 401	2,792.38
2/26/2021	401X02/26/2021	VANTAGEPOINT TRANSFER AGENTS - 401	7,290.06
2/26/2021	457W02/26/2021	VANTAGEPOINT TRANSFER AGENTS - 457	8,080.62
2/26/2021	EFTPS02/26/2021	INTERNAL REVENUE SERVICE	11,997.15
2/26/2021	FSA02/26/2021	CLARITY BENEFIT SOLUTIONS	189.17
Total 1110 - Cash in Bank - Amegy Operating acct			1,219,136.49

# North Harris County Regional Water Authority

Check/Voucher Register

## 1115 - Cash in Bank - Amegy Cap Proj 2003

From 2/1/2021 Through 2/28/2021

Check Date	Check Number	Vendor Name	Check Amount
2/1/2021	8823	ACCLAIM ENERGY, LTD	5,346.00
2/1/2021	8824	AECOM USA GROUP INC.	428,740.29
2/1/2021	8825	ARCADIS	34,175.90
2/1/2021	8826	AURORA TECHNICAL SERVICES, LLC	187,129.60
2/1/2021	8827	AVILES ENGINEERING CORPORATION	10,974.25
2/1/2021	8828	BINKLEY & BARFIELD, INC.	153,729.16
2/1/2021	8829	CAROLLO	52,659.80
2/1/2021	8830	ENVERUS	500.00
2/1/2021	8831	DANIEL W. KRUEGER, P.E.	1,125.00
2/1/2021	8832	DANNENBAUM ENGINEERING CORPORATION	1,707.00
2/1/2021	8833	E. P. BRADY, INC.	381,482.63
2/1/2021	8834	FREESE AND NICHOLS	116,776.88
2/1/2021	8835	IDS ENGINEERING GROUP	184,114.50
2/1/2021	8836	JONES & CARTER, INC.	146,308.58
2/1/2021	8837	KIMLEY-HORN AND ASSOCIATES, INC.	50,469.80
2/1/2021	8838	KIT PROFESSIONALS, INC.	75,286.45
2/1/2021	8839	LOCKWOOD, ANDREWS & NEWNAM, INC.	19,928.60
2/1/2021	8840	LJA ENGINEERING	47,422.15
2/1/2021	8842	PAS PROPERTY ACQUISITION SERVICES, LLC	108,447.00
2/1/2021	8843	UNIVERSAL FIELD SERVICES, INC.	11,585.99
2/1/2021	8844	V&A CONSULTING ENGINEERS INC	6,392.60
2/1/2021	8845	WAYNE ELECTRIC, INC.	23,632.00
2/3/2021	8846	IONE MASTERSON SWANSON	525.00
2/3/2021	8847	STELLA D. FITZHUGH	525.00
2/3/2021	8848	WILLIAM LESLIE DOGETT	3,150.00
2/8/2021	8849	SPIRIT REALTY, L.P.	7,000.00
2/9/2021	8850	STRATA MANDOLIN, LLC	9,000.00
2/23/2021	8851	DRILLING STRUCTURES INTERNATIONAL INC	50,000.00
2/23/2021	8852	ROADRUNNER MOVING & STORAGE	18,450.00
Total 1115 - Cash in Bank - Amegy Cap Proj 2003			2,136,584.18



# North Harris County Regional Water Authority

Check/Voucher Register

## 1120 - Cash in Bank - Amegy Admin. Expense

From 2/1/2021 Through 2/28/2021

Check Date	Check Number	Vendor Name	Check Amount
2/10/2021	18189	ALDINE ISD	1,244.40
2/10/2021	18190	AT&T	381.74
2/10/2021	18191	AT&T	63.67
2/10/2021	18192	B&E REPROGRAPHICS, INC.	497.00
2/10/2021	18193	CENTERPOINT ENERGY	18.22
2/10/2021	18194	CLARITY BENEFIT SOLUTIONS	47.50
2/10/2021	18195	ENCORE PRINTSTORE	4,150.53
2/10/2021	18196	ANN HARRIS BENNETT	1,243.85
2/10/2021	18197	LONE STAR QUICKPRINT	433.32
2/10/2021	18198	MIDDLEMAN MESSENGER	119.00
2/10/2021	18199	NAPCO CHEMICAL COMPANY	4,659.80
2/10/2021	18200	NORTH HOUSTON DISTRICT	0.00
2/10/2021	18201	PERSONALIZED COMMUNICATIONS, INC.	74.00
2/10/2021	18202	PURCHASE POWER	57.55
2/10/2021	18203	QUILL	222.16
2/10/2021	18204	RICOH USA, INC.	1,086.13
2/10/2021	18205	THE TEXAS NETWORK	1,522.91
2/10/2021	18206	TEXAS WATER CONSERVATION ASSOCIATION	1,675.00
2/24/2021	18207	AT&T	2,587.64
2/24/2021	18208	AMERICAN WATER WORKS ASSOCIATION	231.00
2/24/2021	18209	DOUGLAS HAUDE	495.00
2/24/2021	18210	EDP	500.00
2/24/2021	18211	HAMLET HOVSEPIAN	345.00
2/24/2021	18212	HARRIS COUNTY MUD 217	47.50
2/24/2021	18213	JUN CHANG	1,464.45
2/24/2021	18214	MARK EVANS	545.00
2/24/2021	18215	MIDDLEMAN MESSENGER	70.00
2/24/2021	18216	NAPCO CHEMICAL COMPANY	5,071.50
2/24/2021	18217	QUILL	13.00
2/24/2021	18218	READYREFRESH BY NESTLE	77.32
2/24/2021	18219	SHOWRI NANDAGIRI	225.00
2/24/2021	18220	THE TEXAS NETWORK	2,899.00
2/24/2021	18221	THE TEXAS NETWORK	1,415.00
2/28/2021	FEB 2021 GUARD	GUARDIAN	4,562.30
Total 1120 - Cash in Bank - Amegy Admin. Expense			38,045.49

# North Harris County Regional Water Authority

Check/Voucher Register

## 1600 - Construction Fund 2008 - TexPool Prime

From 2/1/2021 Through 2/28/2021

Check Date	Check Number	Vendor Name	Check Amount
2/26/2021	CC 10 NEWPP	AMEGY BANK OF TEXAS	108,787,676.64
		Total 1600 - Construction Fund 2008 - TexPool Prime	108,787,676.64
Report Total			112,181,442.80