

# NHCRWA Board Meeting

## January 4, 2021

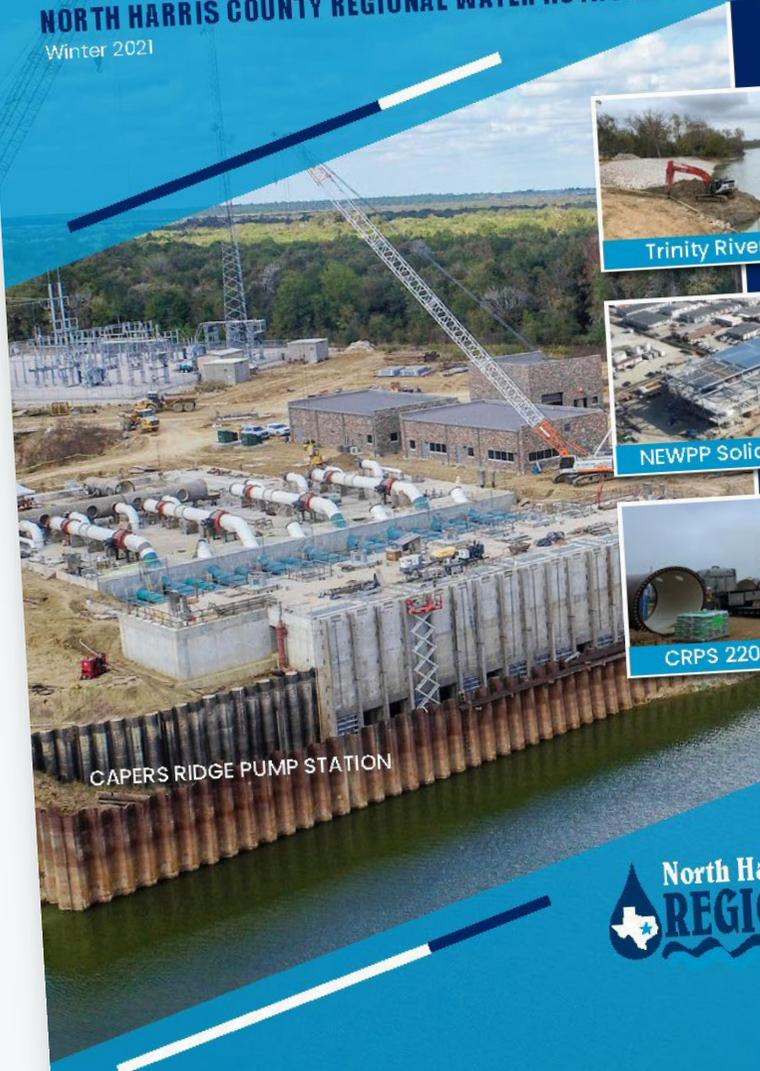


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- A serene winter night scene featuring two log cabins nestled in a snowy forest. The cabins are warmly lit from within, casting a golden glow that contrasts with the deep blue twilight. The surrounding trees are heavily laden with snow, and a wooden fence runs across the middle ground. The overall atmosphere is peaceful and cozy.
- Message from the President
  - Board Member Comments
  - Public Comments

# WATERLINES

NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY

Winter 2021



CAPERS RIDGE PUMP STATION



Trinity River Intake



NEWPP Solids Building



CRPS 2200HP Motor

North Harris County  
**REGIONAL WATER**  
Authority

[www.nhcrwa.com](http://www.nhcrwa.com)



# 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 December Spears Road Regional Pump Station delivered surface water at an average daily rate of approximately 20.6 MGD.
- Alternative water usage during November was approximately 36.6% as compared to approximately 32.3% in October.
- During November approximately 83.9.3% of the water used by the Public Water Systems in the 2010 service area was Alternative Water.

# Authority Projects

- ★ • 28B – Grant Road 54 & 60-inch. In construction July 30<sup>th</sup> 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. Obtaining approvals and signatures. **Scheduled to Advertise for Construction 01/15/2021.**
- ▼ • 28E – 16-inch WL and 4 water receiving facilities. Consultant team working towards revised 95% submittal.
- ★ • 28F – 16-inch WL and 5 water receiving facilities. **Advertised for construction bid on 12/04/2020. Bids due 01/12/2021.**
- ★ • 28G – N. Gessner 84-inch. 95% Submittal stage. Scheduled to Advertise for Construction 03/05/2021.
- ★ • 24C – SH249 RPS Pkg 1. **5 Bids opened 12/15/2020. Base bids ranged from \$19.97 million to \$30.51 million.**
- ▼ • 24C – SH249 RPS Pkg 2. **Advertised for construction bid 11/20/2020. Prebid Meeting 12/3/2020. Bids due 1/21/2021.**
- ★ • 25A – 84-inch Transmission. 95% Submittal stage. **Scheduled to Advertise for Construction 01/08/2021.**
- ★ • 25B - 84-inch Transmission. 95% Submittal stage. **Scheduled to Advertise for Construction 01/15/2021.**
- ★ • 25C - 84-inch Transmission. **Bids opened 12/15/2020. GM Action Item No. 2 to Award to BRH Garver \$22,187,185.00.**
- ★ • 25D - 84-inch Transmission. Notice of Intent to Award to Harper Bros. \$33,733,550.50. NTP to be issued soon.
- ★ • 25E – 36-inch Interconnect. Consultant working towards 95% submittal. ROW Acquisition underway.
- ★ • 2-8 – Spears Road Regional Pump Station Upgrade. Working towards 95% Final Design submittal.
- ★ • 6C-1 – 16-inch WL and connection to Faulkey Gully MUD. Final Design underway.
- ★ • 6C-2 – 16-inch WL and connection to NWHCMUD5. Final Design underway.
- ★ • 7D-1 – 16-inch & 30-inch WL and connection to NWHCMUD32. Final Design underway.

26 Active Projects

7 In or Near  
Construction

17 In Final Design &  
ROW Acquisition

1 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 Surveying underway.
- ★ • 31B – NTP 09/17/2020. Final Design and ROW Surveying underway.
- ★ • 31C – NTP 09/17/2020. Final Design and ROW Surveying underway.
- ★ • 31D – NTP 09/17/2020. Final Design and ROW Surveying underway.
- ★ • 31E – NTP 09/17/2020. Final Design and ROW Surveying underway.
- ★ • 31F – NTP 09/17/2020. Final Design and ROW Surveying underway.
- ★ • 1A-4 – Bammel UD 12-inch WL extension to WP# 1. Final Design is underway.

**26 Active Projects**

**7 In or Near  
Construction**

**17 In Final Design &  
ROW Acquisition**

**1 Routing Study  
and Preliminary  
Engineering**

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



## Project 28B:

- 1st tunneling crew completed 275-LF along Copeland Rd and moved to start excavating Cypress Creek Tunnel shafts.
- 2nd tunneling crew completed 557 / 1,675 LF of 72” tunnel casing along Grant Rd.
- The open-cut crew has finished installing total of 350 / 1,100 LF of 60” waterline along Copeland Rd.
- Pipe, manholes and materials delivery is continuing per schedule.



**Project 28B 60-inch WL Along Copeland**



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

# Regional Water Projects

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



Capers Ridge PS ~ 95% Complete

Dual 96-inch FM ~ 99% Complete

Canal Segment 1 = Complete

Canal Segment 2 = Complete

Canal Segment 3 = Complete

Canal Segment 4 = Complete

Canal Segment 5 = Complete

**Substantial Completion March 2021**





**Trinity River Intake**

# 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

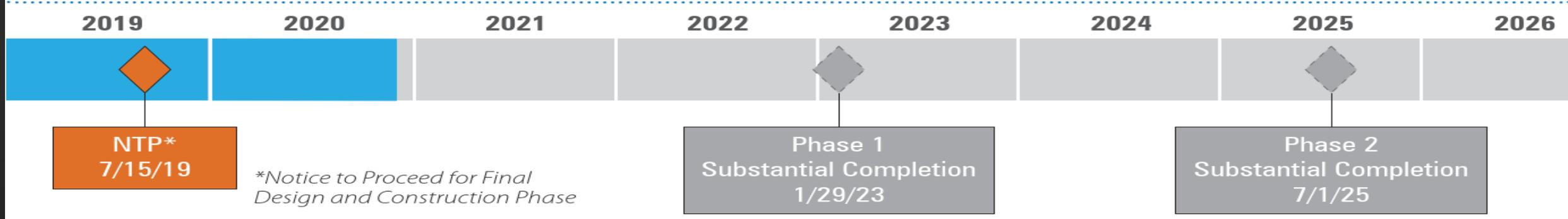
Approx. \$230 million. In construction. Includes marine works in Lake Houston.



WATER PURIFICATION PLANT EXPANSION

[www.newppexpansion.com](http://www.newppexpansion.com)

## SCHEDULE STATUS



## KEY PERFORMANCE INDICATORS (KPI)

Status through November 2020

KPI	Description	Target	Status	Trend (from last update)	Notes
Phase 1 Completion	Phase 1 (80 MGD) Substantial Completion date	Jan 29, 2023	●	↓	November schedule update shows negative float. HWT working to rectify.
Phase 2 Completion	Phase 2 (240 MGD) Substantial Completion date	July 1, 2025	●	↓	November schedule update shows 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	●	↓	3,176M hours to date. 7 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



**Lake Houston Intake Pump Station**



**NEWPP Expansion Project**



**Inside Filter Module 281**

11/20/20 2:46 PM



11/20/20 10:44 AM



# Questions ?

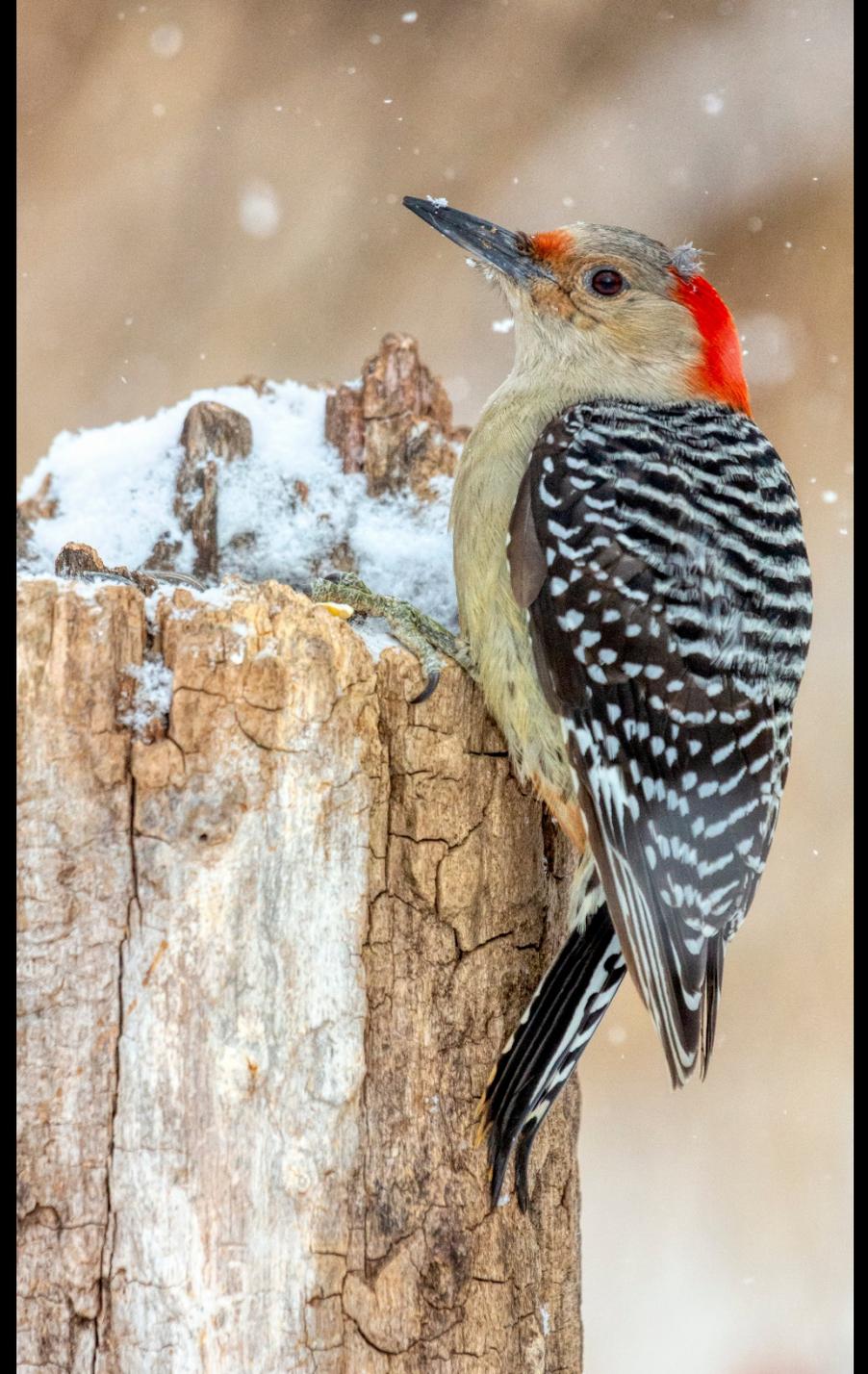
# ATTORNEY'S REPORT



# APPROVAL OF MINUTES



# NOVEMBER Financial Report





# Financial Report Summary

As of November 30, 2020: Total

Enterprise Fund Balance:

# \$1,275,235,699.60

CAPITAL FUNDS	\$	777,031,957.91
INTEREST & SINKING AND DEBT SERVICE RESERVES	\$	191,087,262.84
COVERAGE AND IMPROVEMENT FUNDS	\$	242,025,830.39
OPERATING FUNDS	\$	65,090,648.46
<b>ENTERPRISE FUND BALANCE</b>	<b>\$</b>	<b>1,275,235,699.60</b>

# Financial Report Summary

## Reports included:

- ~ Balance Sheet
- ~ Statements of Revenues and Expenditures, Investment Report, 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

- **Authorize execution of Agreement for Professional Consulting Services with Daniel W. Krueger;**

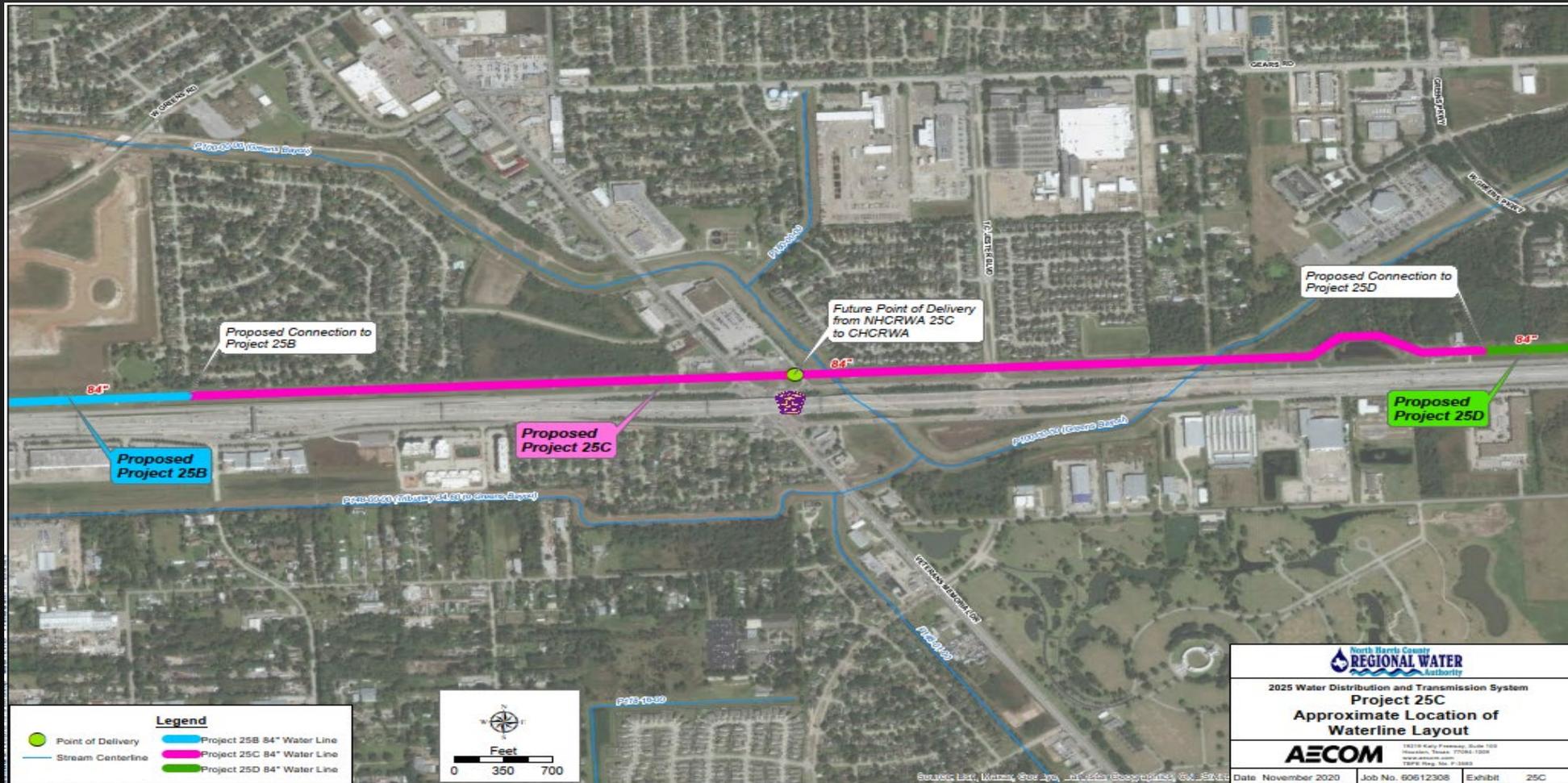
# GENERAL MANAGER'S ACTION ITEMS

- **Award of contract for construction of Project 25C and authorize execution of same, subject to receipt of TWDB approval;**



# General Manager's Action Item # 2

- Project 25C ~ 9,417 LF of 84-inch Water Line Parallel to North Sam Houston Tollway and Within the CenterPoint Energy Northbelt Corridor.



## General Manager's Action Item # 2

- Project 25C 9,417 LF of 84-inch Water Line Parallel to North Sam Houston Tollway and Within the CenterPoint Energy Northbelt Corridor. Includes Veterans Memorial and TC Jester road crossings. Two Greens Bayou tunnel crossings.
- Project advertised on 11 / 20 / 2020. Prebid Conference on 12 / 01 / 2020.
- Bid opening 12 / 15 / 2020 at 2pm.
- 7 Bids received ranging from \$22,187,185.00 to \$31,241,453.00.
- ***Recommendation is to award to the low bidder, BRH-Garver Construction LP, in the amount of \$22,187,185.00, after receipt of approval from the Texas Water Development Board. Contract duration is 435 days for substantial completion.***

# GENERAL MANAGER'S ACTION ITEMS

- **Authorize the General Manager and Authority attorneys to negotiate, prepare and acquire all documents necessary to satisfy the requirements reflected in the Water Line Easement and Consent Agreement with CenterPoint Energy, dated September 13, 2016 related to the construction of the Authority's 84" water transmission line and authorize execution of same;**



# ELECTION OF OFFICERS



- **Confirm next regular meeting date on Monday, February 1, 2021, at 6:00 p.m.**



# PUBLIC COMMENTS





**PLEASE  
USE WATER  
WISELY!**

**YOU NEVER  
KNOW WHEN A  
FRIEND WILL  
NEED IT!**

**AMENDED 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 on **Monday, January 4, 2021, at 6:00 p.m., by Zoom** teleconference and/or videoconference; **REGISTRATION IS REQUIRED** and may be done at <https://zoom.us/meeting/register/tJYkdeutqTkqH9HBK1CO33-TVF8jiKC-Gbrl> and a telephone number to join via teleconference, a link to join via videoconference, and a password to access the conference will be provided. 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. Message from the President;
- B. Board Member Comments;
- C. Public Comments (15 minutes);
- D. **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;
- E. **REGULAR AGENDA:**
  - 1. Approval of minutes of the November 17, 2020 special meeting, November 23, 2020 special meeting, November 30, 2020 special meeting, December 7, 2020 special meeting and December 7, 2020 regular meeting and certified agenda of executive session of November 23, 2020;
  - 2. Financial Assistant's Report, including approve payment of bills and issuance of checks, review budget comparison and report on status of payments of quarterly pumpage fees;
- F. General Manager's action items, including:
  - 1. Authorize execution of Agreement for Professional Consulting Services with Daniel W. Krueger;
  - 2. Award of contract for construction of Project 25C and authorize execution of same, subject to receipt of TWDB approval;

3. Authorize the General Manager and Authority attorneys to negotiate, prepare and acquire all documents necessary to satisfy the requirements reflected in the Water Line Easement and Consent Agreement with CenterPoint Energy, dated September 13, 2016 related to the construction of the Authority's 84" water transmission line and authorize execution of same;
- G. Election of Officers;
- H. Confirm next **regular meeting date on Monday, February 1, 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 30<sup>th</sup> day of December, 2020.



NORTH HARRIS COUNTY REGIONAL  
WATER AUTHORITY

By: \_\_\_\_\_

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



Jimmie Schindewolf, P.E.  
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:** Jimmie Schindewolf, P.E. JAS

**Date:** December 30, 2020

**Subject:** General Manager's Report  
January 4, 2021 Meeting

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The General Manager offers comments regarding certain items for the January 4, 2021 Agenda as follows:

### Reports

**D.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 SWIFT 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.

## **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.

### **D.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.

**D.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.

**F.1. Authorize execution of Agreement for Professional Consulting Services with Daniel W. Krueger.**

Jun Chang 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.

**F.2. Award of contract for construction of Project 25c and authorize execution of same, subject to receipt of TWDB approval.**

Included in your Board packet under Tab 7 is the following information related to this Agenda Item:

1. Copy of a December 21, 2020 letter from Mr. Doug Haude, P.E. by which he transmitted the bid tabulation for Project 25C and recommended award of contract to BRH-Garver Construction, L.P., on the basis of their low bid of \$22,187,185.00.
2. Copy of my December 22, 2020 letter to Mr. David Ellett of BRH-Garver Construction, L.P., notifying him of my intent to recommend award of contract to the Board of Directors at the January 4, 2021 Board meeting.
3. Copy of my December 22, 2020 letter to the Board of Directors recommending award of contract to BRH-Garver Construction, L.P., for Project 25C in the amount of \$22,187,185.00.

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 January 4, 2021  
North Harris County Regional Water Authority ("Authority") Board Meeting**

## **SURFACE WATER CONVERSION**

- During December Spears Road Regional Pump Station delivered treated surface water to the Authority at an average daily rate of approximately 20.6 MGD (million gallons per day).
- Alternative water i.e. surface water, etc., usage during November was approximately 36.6% compared to approximately 32.3% in October.
- During November approximately 83.9% 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 – Installation of 84-inch Discharge Header and 108-inch Pig Launch Piping, completed cofferdam removal, installation of upstream and downstream riverbank rip rap, installed pump motors and pump control panels, and continued installation of electrical and control wiring.
- Dual 96-Inch Diameter Pipelines – Completed removal and replacement of grooved piped sections in Pig Retrieval Building.

- Canal Segment 1 – Project Complete.
- Canal Segment 2 – Project Complete.
- Canal Segment 3 – Project Complete.
- Canal Segment 4 – Project Complete.
- Canal Segment 5 – Project Complete.
- Coastal Water Authority has issued a Bid Package for Canal Startup Services. Bids are due January 4, 2021.

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

- Construction of Central Plant continues with concrete work for filter modules and Transfer Pump Station.
- Construction of North Plant continues with ongoing formwork, rebar placement and structural concrete for various structures.
- Ongoing installation of Pump Station structural steel.
- Erected roof at Administration Building and initiated CMU wall construction at Maintenance Building.
- Construction of South Plant continues with installation of 78-inch piping. Completed masonry installation of 1<sup>st</sup> and 2<sup>nd</sup> floors of dewatering building.
- Ongoing installation of battery system and bus duct at electrical substation.
- 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 a 108-inch section of line (Project S-0009000-0155) is substantially complete.

- Construction of seven (7) other sections of the 108-inch line (S-000900-0154, S-000900-0167, S-000900-0157, S-000900-0165, S-000900-0168, S-000900-0164 and S-000900-0140) is ongoing.
- Real estate acquisition efforts continue on two sections of the line.
- Proposals were received on May 14<sup>th</sup> for the 66-inch interconnect (Project S-000900-0166). The project is anticipated to be awarded in early January.

**North Harris County Regional Water Authority  
Program Manager's Report  
Report Period: November 28, 2020 – December 25, 2020**

**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 December 7, 2020 Authority Board meeting.
3. 11/30/20 – Conducted a meeting with representatives of Sander Engineering Corporation on Project 28F.
4. 11/30/20 – Conducted a virtual meeting with representatives of Freese & Nichols on Project 31F.
5. 11/30/20 - Participated in an easement acquisition conference call for Project 31F with PAS Property Acquisition Services regarding a temporary restraining order.
6. 12/1/20 – Conducted a virtual meeting with Authority's Deputy General Manager, Engineering Coordinator and representatives of Dannenbaum Engineering to discuss the Addendum for Project 24C, Package 1.
7. 12/1/20 – Conducted a virtual Pre-Bid Conference for Project 25C along with Authority's Engineering Coordinator and representatives of IDS Engineering Group.
8. 12/1/20 - Conducted a virtual meeting with Authority's Deputy General Manager, Engineering Coordinator and representatives of Aurora Technical Services.
9. 12/1/20 - Conducted a meeting with representatives of Sander Engineering Corporation on Project 28F.
10. 12/2/20 - Participated in an easement acquisition conference call for Project 25E with Authority's Engineering Coordinator and representatives from PAS Property Acquisition Services, Postle Services, Husch & Blackwell, & JLL.
11. 12/2/20 – Conducted a virtual progress meeting for Project 28D with the Authority's Engineering Coordinator and representatives from Jones & Carter, Inc.
12. 12/2/20 - Conducted a virtual progress meeting for Project 2-8 with Authority's Engineering Coordinator and representatives of AECOM.
13. 12/2/20 - Conducted a virtual progress meeting for Project 6C-2 with Authority's Engineering Coordinator and representatives of JLA.
14. 12/2/20 - Conducted a virtual progress meeting for Project 31B with Authority's Engineering Coordinator and representatives of Jones & Carter, Inc.
15. 12/3/20 – Conducted a virtual meeting with Authority's Engineering Coordinator to discuss the proposed revisions of Authority's Standard Details.
16. 12/3/20 Conducted a virtual progress meeting for Project 7D-1 with Authority's Engineering Coordinator and representatives of KIT.
17. 12/3/20 – Conducted a virtual Pre-Bid Conference for Project 24C, Package 2 along with Authority's Engineering Coordinator and representatives of Dannenbaum, Black & Veach and Corollo.

18. 12/3/20 – Participated in an easement acquisition conference call for Projects 25A, 25C, 25D, 28C, 28D, 28E and 28F with the Authority’s Acting General Manager, Engineering Coordinator and representatives from Harris County, Hunton Andrews & Kurth, Universal Field Services, PAS Property Acquisition Services and Integra Reality Resources.
19. 12/3/20 – Attended a preconstruction conference for the Northeast Transmission Line Project S-000900-0167.
20. 12/4/20 – Conducted a virtual meeting to discuss Project 6C-2 Waterline alignment with representatives from LJA.
21. 12/4/20 – Participated in a virtual conference call with representatives of Kinder Morgan to discuss letters of no objection for Project 25.
22. 12/4/20 - Participated in a virtual meeting with representatives of IDS Engineering for Project 25C.
23. 12/7/20 - Attended and participated in joint meeting with other regional water authorities and City of Houston PATC team to receive status update regarding NEWPP project.
24. 12/7/20 – Prepared for and presented the Program Manager’s Report at the December Board of Directors meeting.
25. 12/7/20 – Attended and participated in a field project visit with Freese & Nichols, Inc. project manager.
26. 12/8/20 – Conducted a virtual monthly progress meeting for Project 24C with Authority’s Deputy General Manager, Authority’s Engineering Coordinator, Dannenbaum Engineering Corp, and Black & Veach.
27. 12/8/20 – Participated in a virtual meeting with Authority’s Deputy General Manager, Engineering Coordinator and representatives of Aurora Technical Services.
28. 12/8/20 - Conducted a virtual progress meeting for Project 25E with Authority’s Engineering Coordinator and representatives of Kimley-Horn and Associates, Inc. and Civil Tech.
29. 12/8/20 – Attended a construction progress meeting for the Northeast Transmission Line Projects S-000900-0140, S-000900-0165 and S-000900-0168.
30. 12/9/20 – Attended a construction progress meeting for the Northeast Transmission Line Projects S-000900-0155, S-000900-0157 and S-000900-0164.
31. 12/9/20 – Conducted a virtual progress meeting for Project 28G with the Authority’s Engineering Coordinator and representatives of Arcadis.
32. 12/9/20 – Conducted a virtual monthly progress meeting for Project 25A with the Authority’s Engineering Coordinator and representatives from Binkley & Barfield, Inc.
33. 12/9/20 – Conducted a virtual progress meeting for Project 25B with representatives from Freese Nichols and LAN.
34. 12/10/20 - Conducted a virtual meeting with Authority’s Deputy General Manager, Engineering Coordinator and representatives of Aurora Technical Services.
35. 12/10/20 – Participated in an easement acquisition conference call for Projects 25A, 25C, 25D, 28C, 28D, 28E and 28F with the Authority’s Acting General Manager, Engineering Coordinator and representatives from Harris County, Hunton Andrews & Kurth, Universal Field Services, PAS Property Acquisition Services and Integra Reality Resources.
36. 12/10/20 – Conducted an Agency review status meeting with the Authority’s Engineering Coordinator and Technical Advisor along with representatives of Dannenbaum Engineering.
37. 12/10/20 - Conducted a virtual meeting for Project 31E with representatives of Binkley & Barfield, Inc. to discuss alignment alternatives along Cypress Park Dr. and Cypress Park Spur.

38. 12/10/20 - Conducted a virtual progress meeting for Project 31A with Authority's Engineering Coordinator and representatives of Aurora Technical Services.
39. 12/14/20 – Participated in a virtual conference call with representatives of CenterPoint to discuss various issues related to Project 25.
40. 12/14/20 – Conducted a virtual meeting with representatives of Aurora Technical Services and E.P. Brady to discuss construction activities on Project 28B.
41. 12/14/20 - Conducted a virtual meeting for Project 25E with representatives of Kimley-Horn and Associates, Inc. and Civil Tech discussing outstanding easements and action items to complete.
42. 12/14/20 - Conducted a virtual meeting for Project 25E with representatives from PAS Property Acquisition Services, Postle Services, Husch & Blackwell, & JLL.
43. 12/15/20 – Conducted a virtual Pre-Bid Conference for Project 28F.
44. 12/15/20 – Conducted a bid opening for Project 25C via teleconference.
45. 12/15/20 – Conducted a virtual progress meeting for Project 25D with representatives from Aurora Technical Services, HDR and the Authority's Engineering Coordinator.
46. 12/15/20 – Conducted a virtual progress meeting for Project 25C with representatives from IDS and the Authority's Engineering Coordinator.
47. 12/16/20 – Conducted a virtual progress meeting for Project 31D with the Authority's Engineering Coordinator and representatives of Carollo.
48. 12/16/20 – Conducted a virtual progress meeting for Project 31C with the Authority's Engineering Coordinator and representatives of IDS.
49. 12/16/20 – Conducted a virtual progress meeting for Project 6C-1 with the Authority's Engineering Coordinator and representatives of HR Green.
50. 12/16/20 – Participated in a SCADA Scoping Meeting for Projects 24C and 25D with representative from Hayes Automation & Controls.
51. 12/17/20 – Conducted a bid opening for Project 24C, Package 1 via teleconference.
52. 12/17/20 – Participated in an easement acquisition conference call for Projects 25A, 25C, 25D, 28C, 28D, 28E and 28F with the Authority's Acting General Manager, Engineering Coordinator and representatives from Harris County, Hunton Andrews & Kurth, Universal Field Services, PAS Property Acquisition Services and Integra Reality Resources.
53. 12/17/20 - Conducted a virtual meeting with Authority's Technical Advisor and Design Engineers for Project 28F.
54. 12/17/20 – Conducted a virtual progress meeting for Project 28D with Authority's Engineering Coordinator and representatives of Aurora Technical Services and Dannenbaum Engineering.
55. 12/17/20 – Conducted an easement acquisition conference call for Project 31F with PAS Property Acquisition Services and Husch Blackwell regarding a temporary restraining order.
56. 12/18/20 – Conducted a field meeting for Project 25E with representatives from PAS Property Acquisition Services, and property owner for Parcel 25E-11 to answer questions regarding waterline easement.
57. 12/18/20 – Conducted a Modeling and Transient Analysis Scope and Fee virtual meeting with the Authority's Technical Advisor.
58. 12/18/20 – Participated in a virtual Pre-Kickoff Meeting for Project 24C with representatives of Enchanted Rock, Dannenbaum Engineering Corp, and Carollo.

59. 12/18/20 – Participated in a virtual project meeting for Project 25A with representatives of Binkley & Barfield.
60. 12/18/20 – Participated in a virtual meeting with representatives from Kinder Morgan to discuss letters of no objection for Projects 25A, 25B, 25C and 25D.
61. 12/21/20 – Participated in a virtual project meeting for Project 25A with representatives of Binkley & Barfield.
62. 12/21/20 – Participated in a virtual project meeting for the Conditional Assessment of the Authority's existing system with representatives of Aurora Technical Services.
63. 12/21/20 - Attended and participated in joint meeting with other regional water authorities and City of Houston PATC team to receive status update regarding NEWPP project.
64. 12/21/20 – Participated in a virtual conference call with representative of Inframark regarding scheduled maintenance.
65. 12/21/20 – Participated in Board Meeting Agenda conference call with Authority staff and attorney.
66. 12/22/20 – Participated in a Spears Road Regional Pump Station PLC I/O Coordination Meeting with the Authority's Technical Advisor and representatives from Hayes Automation & Controls and AECOM.
67. 12/22/20 – Participated in virtual meeting with Authority and Consultant Team representatives to discuss Environmental Data Form status for Project 24C.
68. 12/22/20 – Conducted in person meeting with representatives from LJA to discuss Project 6C-2 status.
69. 12/22/20 - Conducted a virtual meeting with Design Engineers for Project 31B.
70. 12/22/20 – Conducted an easement acquisition conference call for Project 31F with PAS Property Acquisition Services and Husch Blackwell regarding a temporary restraining order.
71. 12/22/20 - Conducted a virtual conference call for Project 31F with Freese & Nichols regarding project alignment.
72. 12/23/20 - Conducted a virtual progress meeting for Project 31F with Freese & Nichols.
73. Oversaw Inframark's activities on behalf of the Authority.
74. Assisted as needed in identifying, assessing and recommending solutions to system operational issues and performed various other efforts relevant to same.
75. 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.
76. Assisted the Authority and Inframark as needed in coordinating the delivery of surface water to the PWSs in the 2010 service area.
77. Assisted the Authority in developing and/or evaluating information and documents relative to development of the 2025 water supply system.
78. Assisted the Authority in a variety of activities involving the City.
79. Assisted the Authority as needed in responding to requirements of the TWDB regarding financial assistance under the TWDB SWIFT program.
80. Conducted status updates with the General Manager.
81. Assisted the Authority in the review of plans for Permitted Encroachments in the Authority's easements.

82. Updated the Authority's design standards, standard details and front-end documents, as required.
83. Coordinated and communicated, as necessary, with the Texas Commission on Environmental Quality ("TCEQ") to facilitate implementation of the 2019-2020 Capital Improvement Plan, the Updated Groundwater Reduction Plan, and the conversion to and use of treated surface water.
84. 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.
85. Developed scope of work for upcoming projects.
86. 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.
87. Reviewed and forwarded recommendations concerning payment of invoices from the Authority's consultants and operator.
88. Updated project schedules and budgets, as necessary.

### **KEY ACTIVITIES PLANNED FOR JANUARY 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 2019-2020 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 2019-2020 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

November 17, 2020

The Board of Directors (the "Board") of the North Harris County Regional Water Authority (the "Authority") met in special session, open to the public, via Zoom at [https://zoom.us/meeting/register/tJ0odeChpj0qHt0rgiuPZ2NzJi2Ie64G0tIt](https://zoom.us/join/https://zoom.us/meeting/register/tJ0odeChpj0qHt0rgiuPZ2NzJi2Ie64G0tIt) 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 7:00 p.m. on Tuesday, the 17<sup>th</sup> day of November, 2020; 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, except Directors Fessler and Sigler, thus constituting a quorum. Also attending the meeting were: Mr. Jun Chang, P.E., D.WRE, Acting General Manager for the Authority; Mr. Mark Evans, Director of Planning and Governmental Affairs for the Authority; Ms. Cynthia Plunkett, Financial Assistant for the Authority; Mr. Stephen Berckenhoff, P.E., of AECOM Technical Services, Inc. ("AECOM"), Program Manager for the Authority; and Ms. Robin S. Bobbitt, attorney, and Ms. Alison Miller, paralegal, of Radcliffe Bobbitt Adams Polley PLLC, 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 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.

**ORDER CANVASSING RETURNS AND DECLARING RESULTS OF DIRECTORS ELECTION**

Director Rendl, after finding that the notice of meeting was posted as required by law and determining that a quorum of the Canvassing Authority/Board was present proceeded with the meeting. The Canvassing Board first acknowledged that the Authority had held an election jointly with Harris County on Tuesday, November 3, 2020, for the election of Directors for Single-Member Voting District Nos. 3, 4 and 5. Ms. Bobbitt then reviewed the Election returns with the Canvassing Authority and reported the following:

It is hereby found and declared that there were 45,732 total votes cast in the Election of Director for Single-Member Voting District No. 4 of the Authority, with 4,862 cast by early

voting by mail, 35,557 cast early voting in person, 5,313 cast on election day, and 329 cast by provisional ballot, and that said ballots were cast for the following persons in the number of votes indicated:

District No. 4:	Alan Rendl	26,977 votes
	Fred T. Blanton	18,755 votes

The unopposed candidate for Director for Single-Member Voting District No. 3 of the Authority was declared elected to office:

District No. 3 : Jim Pulliam  
UNOPPOSED CANDIDATE DECLARED ELECTED

The unopposed candidate for Director for Single-Member Voting District No. 5 of the Authority was declared elected to office:

District No. 5 : Kelly P. Fessler  
UNOPPOSED CANDIDATE DECLARED ELECTED

Ms. Bobbitt reported that based on the returns of the Election, it was determined that Alan Rendl, Jim Pulliam and Kelly Fessler have been elected as Directors of the Authority for Single-Member Voting District Nos. 3, 4 and 5, respectively, to serve until the biennial Directors Election in 2024. Upon motion by Director Graham, seconded by Director Pulliam, after full discussion and the question being put to the Canvassing Board, the Canvassing Board voted unanimously to adopt an Order Canvassing Returns and Declaring Results of 2020 Directors Election, a copy of which is attached hereto. Director Rendl then executed the Certificates of Election for himself, Director Pulliam and Director Fessler.

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

PASSED, APPROVED AND ADOPTED this 4<sup>th</sup> day of January, 2020.

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Secretary, Board of Directors

(AUTHORITY SEAL)

MINUTES OF MEETING OF THE  
NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY

November 23, 2020

The Board of Directors (the "Board") of the North Harris County Regional Water Authority (the "Authority") met in special session, open to the public, via Zoom at [https://zoom.us/meeting/register/tJYocOCqrDsjG9HupIK6EaiuR1z40e7xoh8J](https://zoom.us/join/https://zoom.us/meeting/register/tJYocOCqrDsjG9HupIK6EaiuR1z40e7xoh8J) 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 23<sup>rd</sup> day of November, 2020; 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, Acting General Manager for the Authority; Mr. Mark Evans, Director of Planning and Governmental Affairs for the Authority; Ms. Cynthia Plunkett, Financial Assistant for the Authority; Messrs. Stephen Berckenhoff, P.E., Michael Baugher, P.E., and Doug Haude, P.E., of AECOM Technical Services, Inc. ("AECOM"), Program Manager for the Authority; Mr. John Howell, of The GMS Group, L.L.C., co-financial advisor to the Authority; and Ms. Robin S. Bobbitt, attorney, and Ms. Alison Miller, paralegal, of Radcliffe Bobbitt Adams Polley PLLC, 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 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.

A copy of the PowerPoint presentation for the meeting is attached as an exhibit to these minutes.

**BUDGET WORKSHOP, INCLUDING REVIEW AND DISCUSSION OF THE PROPOSED BUDGET FOR THE FISCAL YEAR ENDING DECEMBER 31, 2021 (THE "2021 BUDGET"), AND REVIEW AND DISCUSSION OF THE PROPOSED 2021-2022 CAPITAL IMPROVEMENT PLAN (THE "2021-2022 CIP")**

Mr. Chang first called upon Mr. Howell to give an overview of the Authority's rates over the last several years. Mr. Howell reported that the Authority is proposing a surface water rate increase of \$0.35 per 1,000 gallons, resulting in a proposed surface water fee of \$5.05 per 1,000 gallons, and a pumpage fee rate increase of \$0.35 per 1,000 gallons, resulting in a proposed pumpage fee of \$4.70 per 1,000 gallons, which increases will become effective on April 1, 2021.

Mr. Howell next gave an overview of certain financial information supporting the proposed rate increases and explained that a rate adjustment is primarily necessary due to an increase in debt service payments and for increases in operation and maintenance costs. Mr. Howell went on to further explain that the rate increases are also necessary in order to continue to fund the capital improvements required to meet the 2025 conversion requirement of the Harris-Galveston Subsidence District (the "HGSD"), including, but not limited to the Northeast Water Purification Plant project (the "NEWPP"), the Northeast Transmission Line project (the "NETL"), the Luce Bayou Interbasin Transfer Project, and the Authority's transmission and distribution system expansion projects. Mr. Howell added that the proposed rate increases are also necessary and needed to fund increases in the Authority's operation and maintenance costs, including, but not limited to the City of Houston (the "COH") water purchase costs, costs associated with the Authority having more facilities as the Authority's transmission/distribution system grows, and costs associated with the Authority's facilities getting older. Mr. Howell added that the \$0.35 increase is consistent with last year's rate guidance. Mr. Howell further stated that the Authority can expect to steadily increase the surface water rate and pumpage fee by \$0.35 to \$0.45 for the next few years.

Mr. Howell went on to review what all the Authority's rate revenue pays for, noting that the capital costs make up approximately 78% of the Authority's annual cash out flow. Mr. Howell added that approximately 13% of the Authority's annual cash flow is utilized to pay for cost of water increases from the COH and that approximately 9% of the cash flow is utilized to pay the Authority's operating and maintenance costs and administrative costs.

Mr. Howell next briefly reviewed the history of the Authority's bond issuances utilized to fund capital projects, noting that the Authority has taken steps to minimize its annual debt service requirements by utilizing the Texas Water Development Board's (the "TWDB") SWIRFT bond program and refunding portions of the Authority's debt from time to time.

Mr. Howell concluded his remarks by noting that the proposed rate increases will generate an additional \$8.5 million of revenue to fund the Authority's expenses. Director Rendl added that it is still the Authority's intent to keep rates as low as possible for as long as possible.

## 2021 BUDGET WORKSHOP

Mr. Chang next explained that the proposed 2021 Budget was developed by the Authority's staff members, working with various representatives of the Authority's consultant team. Mr. Chang went on to explain that the goal was to develop a fiscally sound budget that was, at the same time, comprehensive enough to efficiently and properly operate and maintain the Authority's 2010 Surface Water Transmission and Distribution System (the "2010 System") in conformance with all local, state and federal regulations, to remain in compliance with the Authority's updated Groundwater Reduction Plan, and to continue the planning and development process for the Authority's 2025 Surface Water Conversion Program.

Ms. Plunkett then presented an overview of the proposed 2021 Budget, including the Operating Budget Planning Report and the various revenue and expense items included in the proposed 2021 Budget. Ms. Plunkett noted that the Authority's earned interest amount is

projected to be lower than usual due to a decline in interest rates. A complete copy of the 2021 Budget Workshop packet, previously distributed to the Board, is attached hereto.

Mr. Berckenhoff next reviewed the 2021 Operation and Maintenance ("O&M") budget and expense items reflected in the proposed 2021 Budget, as outlined in the attached PowerPoint presentation. Mr. Berckenhoff informed the Board that the Authority's total O&M costs are projected to be \$23,366,000 for 2021 compared to a budgeted 2020 O&M expense amount of \$23,581,000. Mr. Berckenhoff further stated that 71.90% of the proposed 2021 O&M Budget will be used for funding the Authority's water purchase costs from the COH. Mr. Berckenhoff went on to explain that several of the key considerations in developing the proposed 2021 Budget included providing for an anticipated increase in the volume of water purchased from the COH, an anticipated increase in the COH's O&M rate, increased physical monitoring of the Authority's distribution system and projected increases in utilities, chemicals, operator, regulatory fees, water sampling/monitoring and maintenance/repair costs. Director Fessler then asked why the O&M expenses are expected to be less in 2021 than in 2020. Mr. Berckenhoff responded that the Authority renegotiated its contract with Inframark that included rolling some reimbursable expenses into a lump sum payment agreement.

Ms. Plunkett then went on to review the Administrative Expenses reflected in the proposed 2021 Budget. Ms. Plunkett explained that the Authority's total Administrative Expenses are projected to be \$4,369,229 for 2021. Ms. Plunkett noted that the Legal Services budget has been reduced from \$288,500 to \$256,500.

Ms. Plunkett next noted that the Communications Services budget line item has been reduced from \$390,393 for 2020 to \$376,093 for 2021. Ms. Payne then briefly reviewed the various items included in the Communication Services budget. Director Fessler stated that he would prefer the Authority begin to move away from printing and direct mail as much as possible and move towards a paperless effort. Ms. Payne noted that the Authority's Waterlines newsletter has been reduced from 12 pages to 8 pages. Ms. Payne also noted that the Authority has a large audience made up of constituents who are 65 years and older to accommodate and therefore, printed materials are still needed. Director Rendl then stated that he would like to do a better job of getting articles published on behalf of the Authority in the Community Impact Newspaper. Director Pulliam stated that Ms. Payne has done a great job on the Authority's website.

Ms. Plunkett next reviewed the Management Services budget line item and stated that it is projected to be \$2,864,952 for 2021, decreased from \$3,114,836 for 2020. Ms. Plunkett concluded her remarks by reporting that the proposed 2021 Budget reflects total projected revenues of \$115,370,833 and total projected expenses of \$114,854,978.

#### REVIEW OF PROPOSED 2021-2022 CIP

Mr. Chang then stated that this is the 19<sup>th</sup> CIP to be developed by the Authority and then called on Mr. Berckenhoff to review the proposed 2021-2022 CIP, as outlined in the attached PowerPoint presentation.

Mr. Berckenhoff explained that the proposed 2021-2022 CIP focuses on the development and expansion of the infrastructure needed to enable the Authority to meet the HGSD 2025 surface water conversion mandate. Mr. Berckenhoff further explained that the 2021-2022 CIP includes, but is not limited to the following items: 1) continue maintenance and enhancements of the Authority's existing Regional Pump Station and Water Plant; 2) continue evaluating the need for additional regional water wells and enhancements to the 2010 System and take any necessary steps to optimize use of such system; 3) identify and purchase the sites for the third Regional Pump Station and second Regional Water Plant; 4) finalize design and construction of the initial phase of the State Highway 249 Regional Pump Station; 5) finalize design and construction of the 2025 transmission line; 6) provide funding for the Authority's share of the cost for the major expansion of the NEWPP; 7) provide funding for the Authority's share of the cost for acquisition of real estate, design and construction of the proposed joint transmission line from the NEWPP site to the Authority's take-point and proposed 2025 transmission line; 8) pay the Authority's portion of the project costs for the Luce Bayou Interbasin Transfer Project; 9) continue the planning, design and construction of the 2025 distribution system; 10) provide funding for chloramination credits; 11) provide funding to help encourage and facilitate implementation of reuse systems; and 12) provide professional services to perform the wide variety of activities required to implement the 2021-2022 CIP.

Mr. Berckenhoff next explained that it will cost approximately \$694 million to implement the Authority's 2021-2022 CIP, \$55 million of which will be funded from proceeds of the Authority's prior bond issues, capital contributions and interest earnings and \$593 million of which will be provided by TWDB's SWIFT funds. Mr. Berckenhoff added that approximately \$45 million of "To Be Determined" funding is related to partially SWIFT funded projects.

Mr. Berckenhoff then reviewed the conversion mandates established by the HGSD, including the requirement to be converted to 60% alternative water by 2025. Mr. Berckenhoff went on to review a graph of the Authority's projected alternative water usage, actual alternative water usage and the HGSD required alternative water usage, a copy of which is included in the PowerPoint presentation.

Mr. Berckenhoff then reviewed the major projects that are part of the 2021-2022 CIP, including the Luce Bayou Interbasin Transfer project, the NEWPP Expansion project, the NETL project, the Authority's 84-inch transmission line project, the SH 249 Regional Pump Station project, Project 28-"The Loop" project, Project 31-"The 2<sup>nd</sup> Loop" project, Project 25E-"36-inch Interconnect" project and Projects 6C-1, 6C-2 and 7D-1.

#### CONFIRM UPCOMING MEETING DATES

Mr. Chang then noted that a Rate Order workshop will be held on Monday, November 30, 2020 at 6:00 p.m., a public hearing regarding the Authority's proposed rate increases will be held on Monday, December 7, 2020, at 6:00 p.m., and that the Board's regular meeting will be held immediately following the public hearing at 6:15 p.m. Director Rendl noted that only a brief review of the proposed 2021 Budget and the proposed 2021-2022 CIP will be presented at the December 7<sup>th</sup> Board meeting.

**EXECUTIVE SESSION**

Director Rendl then adjourned the regular meeting at 7:04 p.m. and announced that the Board would convene in executive session pursuant to Section 551.074(a)(1), Texas Government Code, as amended, to discuss personnel matters. The Board and Ms. Bobbitt remained in the executive session.

**RECONVENE IN OPEN SESSION**

Director Rendl then reconvened the meeting in open session at 7:40 p.m., at which time no additional action was taken by the Board.

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

PASSED, APPROVED AND ADOPTED this 4<sup>th</sup> day of January, 2020.

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Secretary, Board of Directors

(AUTHORITY SEAL)

MINUTES OF MEETING OF THE  
NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY

November 30, 2020

The Board of Directors (the "Board") of the North Harris County Regional Water Authority (the "Authority") met in special session, open to the public, via Zoom at [https://zoom.us/meeting/register/tJMpdOuoqzoqEtOEJijNYdFnj5w-4AsJ14o](https://zoom.us/join/https://zoom.us/meeting/register/tJMpdOuoqzoqEtOEJijNYdFnj5w-4AsJ14o) 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 30<sup>th</sup> day of November, 2020; 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, except Director Sigler, thus constituting a quorum. Also attending the meeting were: Mr. Jun Chang, P.E., D.WRE, Acting General Manager for the Authority; Mr. Mark Evans, Director of Planning and Governmental Affairs for the Authority; Ms. Cynthia Plunkett, Financial Assistant for the Authority; Messrs. Stephen Berckenhoff, P.E., Michael Baugher, P.E., and Doug Haude, P.E., of AECOM Technical Services, Inc. ("AECOM"), Program Manager for the Authority; and Mr. Jon D. Polley, attorney, and Ms. Alison Miller, paralegal, of Radcliffe Bobbitt Adams Polley PLLC, 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 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.

A copy of the PowerPoint presentation for the meeting is attached as an exhibit to these minutes.

**RATE ORDER WORKSHOP**

Mr. Chang first called upon Mr. Polley to give an overview of proposed revisions to the Authority's Rate Order. Mr. Polley then reviewed a PowerPoint presentation of the proposed revisions to the Authority's Rate Order, a copy of which is attached hereto. Mr. Polley explained that a redlined draft of the revised Rate Order will be made available to the public for review and comment from December 7, 2020 until January 22, 2021, with adoption of the revised Rate Order scheduled to occur at the February 1<sup>st</sup> Board meeting. Director Rendl stated that the Authority's Rate Order has not been amended since it was first adopted in October 2009. Mr. Polley then reviewed in detail the following six (6) areas that have been proposed for revision: 1)

Truth in Billing; 2) Authority Construction of Water Receiving Facilities; 3) Late Fees for Meter Reading/Reporting Failures; 4) Remote Meter Reading Devices; 5) Contract GRP Participants; and 6) Authority Consent to Indirect Reuse Projects.

Director Rendl then noted that some utility districts are charging their customers an additional amount over and above the Authority's surface water fee and pumpage fee. Director Rendl suggested that when billing customers, utility districts include any amount above the Authority's fees as a separate line item in order to avoid any confusion surrounding what is being charged by the Authority. Mr. Doug Miller, of HMW Special Utility District, asked if the Authority will require such language or is simply suggesting that such language be used. Director Rendl responded that it is only a suggestion, and that the Authority cannot require utility districts to handle their water/sewer service bills in a specific manner.

Mr. Miller then asked what influence utility districts will have with regards to remote meter reading technologies and device type. Mr. Berckenhoff stated that the Authority is currently evaluating several different technologies and vendors, and if an existing meter needed to be replaced to make it compatible with the chosen technology, it would be replaced at the Authority's expense.

Mr. Miller next asked if the Authority has ever considered billing water users directly, instead of utility districts billing the water user. Director Rendl explained that the water users are customers of their respective utility districts and the Authority has no desire to bill customers directly for their water usage.

**CONFIRM UPCOMING MEETING DATES**

Director Rendl then noted that a public hearing regarding the Authority's proposed surface water and pumpage fee rate increases will be held on Monday, December 7, 2020, at 6:00 p.m., and that the Board's regular meeting will be held immediately following the public hearing at 6:15 p.m., with both of such meetings to be held at the Authority's office. Director Rendl noted that only a brief review of the proposed 2021 Budget and the proposed 2021-2022 CIP will be presented at the December 7<sup>th</sup> Board meeting.

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

PASSED, APPROVED AND ADOPTED this 4<sup>th</sup> day of January, 2020.

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Secretary, Board of Directors

(AUTHORITY SEAL)

MINUTES OF MEETING OF THE  
NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY

December 7, 2020

The Board of Directors (the "Board") of the North Harris County Regional Water Authority (the "Authority") met in special session, open to the public, via Zoom at [https://zoom.us/meeting/register/tJYtc-qoqDMuE91TTjo5ixq94aQIqAJaksda](https://zoom.us/join/https://zoom.us/meeting/register/tJYtc-qoqDMuE91TTjo5ixq94aQIqAJaksda) 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 7<sup>th</sup> day of December, 2020; 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, Acting General Manager for the Authority; Mr. Mark Evans, Director of Planning and Governmental Affairs for the Authority; Ms. Cynthia Plunkett, Financial Assistant for the Authority; Ms. Barbara Payne of Payne Communications, Communications Coordinator for the Authority; Messrs. Stephen Berkenhoff, P.E., Mike Baugher, P.E., and Doug Haude, 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; Mr. John Howell, of The GMS Group, L.L.C., co-financial advisor to the Authority; Ms. Robin S. Bobbitt, attorney, and Ms. Alison Miller, paralegal, of Radcliffe Bobbitt Adams Polley PLLC ("Radcliffe Bobbitt"), 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.

**PUBLIC HEARING ON PROPOSED INCREASES IN AUTHORITY RATES AND FEES TO BE EFFECTIVE APRIL 1, 2021**

Director Rendl first explained that this evening's public hearing is being held to review with the Board and members of the public the information regarding the proposed Updated Pricing Policy that will be presented at tonight's regular Board meeting for the Board's approval and adoption. A copy of the PowerPoint presentation for the public hearing is attached hereto.

Director Rendl then explained that a Budget Workshop meeting had been held on Monday, November 23, 2020, at which time the Authority's proposed budget for the fiscal year ending December 31, 2021 (the "2021 Budget") was reviewed, along with the proposed increase in the Authority's pumpage fee from \$4.25 per 1,000 gallons to \$4.60 per 1,000 gallons and the proposed increase in the Authority's surface water rate from \$4.70 per 1,000 gallons to \$5.05 per 1,000 gallons, with such rates to become effective on April 1, 2021. Director Rendl further explained that the Authority's proposed 2021-2022 Capital Improvement Plan (the "2021-2022 CIP") was also reviewed with the Board at the Budget Workshop meeting. Copies of the 2021 Budget and the 2021-2022 CIP are attached hereto.

Director Rendl then called on Mr. Howell, who reviewed the "Cost of Water" PowerPoint presentation and further explained the need for the pumpage and surface water rate increases. Mr. Howell stated that a rate adjustment is also necessary due to increases in the Authority's debt service payments. Mr. Howell also stated that he is comfortable that the Authority is keeping rates as low as possible for as long as possible, while not setting itself up for a larger increase in the future.

Director Rendl then noted that the proposed increases in the pumpage and surface water rates, the 2021 Budget and the 2021-2022 CIP will be presented to the Board for approval and adoption at tonight's regular meeting, beginning at 6:15 p.m.

**QUESTIONS & ANSWERS**

Director Rendl then asked for any questions from the audience.

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

PASSED, APPROVED AND ADOPTED this 4th day of January, 2021.

\_\_\_\_\_  
Secretary, Board of Directors

(AUTHORITY SEAL)



## PRESIDENT'S MESSAGE

Director Rendl first reported that the Authority was the recipient of the 2020 Safety Award from the Texas Water Conservation Association. Director Rendl also reported that Ms. Plunkett recently celebrated her 20-year anniversary of working for the Authority. Director Rendl then stated that he hopes Authority meetings will be able to get back to normal some time in 2021. Director Rendl went on to wish everyone a Merry Christmas and a Happy New Year.

## PUBLIC COMMENT

Mr. Gary Matocha first addressed the Board and asked if the balance of the amount owed to Harris County (the "County") for the Authority's November 3, 2020 Directors Election had been received. Director Rendl responded that the balance due to the County had not yet been received.

## BUDGET MATTERS

Mr. Chang then explained that the Authority had held a Budget Workshop meeting on Monday, November 23<sup>rd</sup>, to review and discuss the Authority's proposed 2021 Budget and the proposed 2021-2022 Capital Improvement Plan (the "2021-2022 CIP"). Mr. Chang added that a public hearing on the proposed pumpage fee and surface water rate increases was held earlier this evening at 6:00 p.m. Mr. Chang then recommended that the Board adopt the proposed 2021 Budget.

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 adopt the 2021 Budget, a copy of which is included behind Tab 2 of the meeting packet and is attached hereto.

## ADOPT PROPOSED 2021-2022 CIP AND ADOPT RESOLUTION APPROVING AND IMPLEMENTING THE CAPITAL IMPROVEMENT PLAN FOR 2021 AND 2022 (THE "RESOLUTION")

Director Rendl then stated that the Board had spent a great deal of time reviewing and discussing the 2021-2022 CIP at the November 23<sup>rd</sup> Budget Workshop meeting and requested a motion be made for approval of the 2021-2022 CIP.

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 adopt the proposed 2021-2022 CIP and the Resolution, copies of which are included behind Tab 3 of the meeting packet and is attached hereto. A complete copy of the 2021-2022 CIP can be found in the Authority's files.

## ADOPT UPDATED PRICING POLICY REGARDING INCREASES IN AUTHORITY RATES AND FEES TO BE EFFECTIVE APRIL 1, 2021

Mr. Chang next explained that during the preparation of the 2021 Budget and the 2021-2022 CIP, he, Ms. Plunkett, Mr. Howell and Mr. Berckenhoff conducted a review of the Authority's finances as it relates to the current cost of water and the consensus of the group was

that the current pumpage fee should be increased from \$4.25 per 1,000 gallons to \$4.60 per 1,000 gallons and that the current surface water rate should be increased from \$4.70 per 1,000 gallons to \$5.05 per 1,000 gallons. Mr. Chang added that the proposed increases would take effect on April 1, 2021.

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 approve the increase in the pumpage fee to \$4.60 per 1,000 gallons and the increase in the surface water rate to \$5.05 per 1,000 gallons, effective April 1, 2021, and to adopt the Updated Pricing Policy, a copy of which is included behind Tab 4 of the meeting packet and is attached hereto.

#### 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 reported that the Authority has a new program called Water U, which will allow people to learn about critical water issues and provide timely education information. Ms. Payne further reported that Director Rendl has a new virtual presentation available for utility districts. Director Rendl stated that he has two (2) upcoming presentations scheduled and that he hopes to receive feedback on the new presentation from his audiences.

#### GENERAL MANAGER'S REPORT

Mr. Chang then called upon Mr. Evans to provide an update on the Texas Water Development Board (the "TWDB") SWIFT funding.

#### UPDATE ON TWDB SWIFT FUNDING

Mr. Evans reported that the Authority did not submit an application for new SWIFT funding for 2020, but that they had closed on \$78,670,000 of previously committed funding on November 19, 2020. Mr. Evans also reported that the interest rate for this year's closing was 2.295%. Mr. Evans further reported that the Authority has received a commitment of approximately \$2.076 billion in funding, which leaves \$630 million in unclosed funding commitments still available for closing after this year. Mr. Evans added that the Authority does not anticipate submitting an application for new funding in 2021, but that they plan to close on \$38,530,000 of previously committed funding in 2021. Mr. Evans noted that the SWIFT program has provided the Authority approximately \$250 million in savings.

#### PROGRAM MANAGER'S REPORT

Mr. Chang then called upon Mr. Berckenhoff to present the Program Manager's Report to the Board, a copy of which is included behind Tab 6 of the meeting packet and attached hereto.

## 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 28.5 million gallons per day ("MGD") of surface water during November. Mr. Berckenhoff added that the alternative water used in October was approximately 32.3%, compared to approximately 30.8% in September. Mr. Berckenhoff further explained that during October, approximately 77.3% of the water used by the Public Water Systems (the "PWSs") in the Authority's 2010 service area was alternative water.

## 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 seven (7) in or near construction, 17 in final design and right-of-way acquisition, one (1) 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 continued installation of 48-inch (48") discharge piping/valves, installed 84-inch (84") header and pressure testing of 48-inch (48") piping, continued upstream riverbank rip rap installation and began removal of the cofferdam at the Capers Ridge Pump Station; and 2) the contractor began removal and replacement of grooved piped sections and continued electrical installation in the pig retrieval building, as well as continued hydromulch seeding along the pipeline corridor.

## 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 for the filter modules and main slab 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 a 96-inch (96") BVF and platform piping is ongoing, and fish screens have been delivered to the site. Mr. Berckenhoff further reported that installation of structural steel for the administration building and the roof installation at the maintenance building have been completed. Mr. Berckenhoff went on to report that construction of the South Plant is continuing with installation of inlet piping and pump cans at the high service pump station and the installation of the bridge crane

and roofing have been completed at the dewatering facility. Mr. Berckenhoff also reported that installation of the battery system and bus duct at the electrical substation 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 of Houston 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 seven (7) 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 then reported that Radcliffe Bobbitt will file the required annual eminent domain report on behalf of the Authority pursuant to Texas Government Code, Section 2206.151-157, as amended. Ms. Bobbitt explained that the report includes information related to the Authority's authority to exercise its power of eminent domain and must be filed by no later than February 1<sup>st</sup> of each year. 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 Radcliffe Bobbitt to file the required annual eminent domain report pursuant to Texas Government Code, Section 2206.151-157.

#### REGULAR AGENDA

##### APPROVAL OF MINUTES

The Board next considered approval of the minutes of the November 2, 2020 regular meeting. 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 minutes of November 2, 2020 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 October 31, 2020, a copy of which is included behind Tab 8 of the meeting packet and attached hereto.

Upon motion by Director Sigler, 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.

## GENERAL MANAGER'S ACTION ITEMS

### OVERVIEW OF UPDATED WATER CONSERVATION PLAN (THE "WCP") AND ADOPT RESOLUTION ADOPTING UPDATED WATER CONSERVATION PLAN (THE "RESOLUTION")

Mr. Evans then reviewed the updated WCP, a copy of which is included behind Tab 9 of the meeting packet and attached hereto. Mr. Evans reported that the WCP has been updated pursuant to the Texas Administrative Code, which requires all wholesale water suppliers to update their WCP every 5 years to coincide with the regional water planning group's plan. Mr. Evans explained that the Authority's WCP includes general information on the Authority, water use data, information on the Authority's water supply system and information on the Authority's conservation and education programs. Mr. Evans stated that once approved by the Board, the WCP will be filed with the TWDB and Region H, as well as posted on the Authority's website. Director Rendl stated that he is very proud of the work that the Authority has done over the years with conservation and education programs, school programs, the mobile teaching trailer, the water reuse program and informational materials for utility districts to utilize.

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 Resolution.

### AWARD OF CONTRACT FOR CONSTRUCTION OF PROJECT 25D AND AUTHORIZE EXECUTION OF SAME, SUBJECT TO RECEIPT OF TWDB APPROVAL

Mr. Berckenhoff then recommended award of the contract for construction of Project 25D to the lowest qualified bidder, Harper Brothers Construction, LLC ("Harper Brothers"), in the amount of \$33,733,550.50. Mr. Berckenhoff noted that TWDB approval has not yet been received for this project, but will likely be received before the next meeting. 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 25D to Harper Brothers, subject to receipt of TWDB approval.

### APPROVE 2021 HOLIDAY SCHEDULE

Mr. Chang next presented the proposed 2021 Holiday Schedule for the Authority's employees, a copy of which is included behind Tab 11 of the meeting packet and is attached hereto. 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 approve the Authority's 2021 Holiday Schedule.

### APPROVE AND AUTHORIZE EXECUTION OF GENERAL MANAGER'S EMPLOYMENT AGREEMENT WITH JUN CHANG

Director Rendl next explained that the current Employment Agreement for Mr. Jimmie Schindewolf, General Manager for the Authority, is expiring as of December 31, 2020 and that Mr. Schindewolf does not wish to renew the Employment Agreement. Director Fessler stated that it has been a pleasure to serve with Director Rendl on the subcommittee to identify Mr. Chang as the next General Manager of the Authority. Director Fessler further stated that he has

full confidence in Mr. Chang and has no doubt that Mr. Chang is the right person for the job. Director Rendl stated that he finds Mr. Chang to be extremely knowledgeable and Mr. Chang's relationship with the City of Houston is extremely beneficial to the Authority. Director Rendl noted that he will miss working with Mr. Schindewolf, but that he is looking forward to working with Mr. Chang in the General Manager's capacity. 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 approve and authorize execution of a the Employment Agreement with Mr. Chang, a copy of which is included in the Authority's files.

SUPPLEMENTAL NOTICE OF PUBLIC MEETING

UPDATE ON NOVEMBER 3, 2020 DIRECTORS ELECTION MATTERS

Ms. Bobbitt then administered the oaths of office for Directors Rendl, Pulliam and Fessler. Ms. Bobbitt noted that the oaths of office will be filed with the Secretary of State, as required by law.

Director Rendl then executed the Certificates of Election for himself and Directors Pulliam and Fessler.

Upon motion by Director Pulliam, seconded by Director Sigler, after full discussion and the question being put to the Board, the Board voted unanimously to authorize payment of the balance owed to the County for joint election costs, once such invoice is received from the County.

CONFIRM UPCOMING MEETING DATE

Director Rendl then informed the meeting attendees that the Authority's next regular meeting will be held on Monday, January 4, 2021, at 6:00 p.m. at the Authority's office. Director Rendl concluded by wishing everyone a Merry Christmas and Happy New Year.

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.

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

PASSED, APPROVED AND ADOPTED this 4<sup>th</sup> day of January, 2021.

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Secretary, Board of Directors

(AUTHORITY SEAL)

**NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY**

**FINANCIAL REPORT**

**For the month of November, 2020**

**January 4, 2021**

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

**AS OF NOVEMBER 30, 2020**

**CAPITAL FUNDS** **\$ 777,031,957.91**

CONSTRUCTION	\$ 103,390,399.76
TWDB ESCROW	\$ 673,641,558.15
TOTAL	\$ 777,031,957.91

**INTEREST & SINKING FUNDS AND DEBT SERVICE RESERVE FUND** **\$ 191,087,262.84**

INTEREST & SINKING	\$ 71,524,174.84
DEBT SERVICE RESERVE	\$ 119,563,088.00
TOTAL	\$ 191,087,262.84

**COVERAGE FUND AND IMPROVEMENT FUND** **\$ 242,025,830.39**

COVERAGE FUND	\$ 55,569,850.38
IMPROVEMENT FUND	\$ 186,455,980.01
TOTAL	\$ 242,025,830.39

**OPERATING FUNDS** **\$ 65,090,648.46**

OPERATING FUNDS	\$ 65,090,648.46
TOTAL	\$ 65,090,648.46

TOTAL:	\$ 1,275,235,699.60	<b>\$ 1,275,235,699.60</b>
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# North Harris County Regional Water Authority

## Balance Sheet

**As of 11/30/2020**

	Current Year
Assets	
Cash	
Cash in Bank - Amegy Operating acct	56,027,771.43
Cash in Bank - Amegy Cap Proj 2003	2,163,118.28
Cash in Bank - Amegy Admin. Expense	25,950.11
Note Payment Account - Bank of America	2,873.82
Petty Cash	1,432.27
Capital Contributions - TexPool	11,991,465.22
Operating Fund - Texpool	4,292,107.06
Operations & Maintenance Reserve - TTP	4,743,387.59
Construction Fund 2003 - TexSTAR	5.64
Interest & Sinking Fund 13 TexPool Prime	5,832,067.71
Coverage Fund - TexSTAR	47,051,374.46
Debt Service Reserve Fund 2003 - TPPrime	786,680.86
RBC 2003 DSRF Investments	8,148,134.85
RBC 2005 Capital Contributions Investmen	0.01
Construction Fund 2015 - TexPool	3,013.11
Construction Fund 2015 - TexPool Prime	568,731.75
Construction Fund 2005 - TexSTAR	17,545.11
Interest & Sinking Fund 2014 - TexSTAR	4,366,242.19
Debt Service Reserve Fund 2014 - TPPrime	114,983.85
CHCRWA Construction Acct. - TPPrime	330,012.95
PFUD Initial Difference 4C3 - TPPrime	245,964.37
Capital Contributions 2008 - TPPrime	1,592,750.19
RBC 2008 Capital Contributions Investmen	26,158,729.81
TWDB 2015 Escrow	9,699,342.04
RBC 2014 DSRF Investments	5,745,861.87
Construction Fund 2008 - TexPool Prime	1,794,961.55
Construction Fund 2008 - TexSTAR	1,569,330.14
Interest & Sinking Fund 2008 - TPPrime	2,878,408.71
Debt Service Reserve Fund 2008 - TPPrime	282,421.82
RBC 2016 DSRF Investments	18,776,956.99
Interest & Sinking Fund 2015 - TPPrime	3,151,400.61
Debt Service Reserve Fund 2015 - TPPrime	349,582.87
Construction Fund 2016 - TPPrime	457,198.05
Interest & Sinking Fund 2016 - TPPrime	12,302,920.49
Debt Service Reserve Fund 2016 - TPPrime	340,739.75
Construction Fund 2016A - TexPool Prime	25,724,113.32
Interest & Sinking Fund 2016A - TTPPrime	7,744,535.26
Debt Service Reserve Fund 2016A - TPP	480,893.04
Construction Fund 2017 - TexPool Prime	24,105,186.13
Interest & Sinking Fund 2017 - TTPPrime	14,570,684.40
Debt Service Reserve Fund 2017 - TTP	915,485.58
TWDB 2017 Escrow	100,634,251.66
TWDB 2016A Escrow	48,819,966.28
Construction Fund 2018 - TexPool Prime	6,665,400.31

**North Harris County Regional Water Authority**

Balance Sheet

**As of 11/30/2020**

	Current Year
Interest & Sinking 2018 - TexPool Prime	9,226,791.24
Debt Service Reserve Fund 2018 - TTP	1,006,746.27
TWDB 2018 Escrow	238,924,342.29
PTA 2015 TWDB DSRF Investments	4,002,795.82
PTA 2016A TWDB DSRF Investments	9,506,640.06
PTA 2017 TWDB DSRF Investments	20,013,979.08
PTA 2018 TWDB DSRF Investments	30,003,796.88
Interest & Sinking 2019 - TexPool Prime	8,093,943.38
Debt Service Reserve Fund 2019 - TTP	14,333,084.79
TWDB 2019 Escrow	205,253,935.88
Interest & Sinking 2020 - TexPool Prime	3,357,180.85
Debt Service Reserve Fund 2020 - TPP	4,754,303.62
TWDB 2020 Escrow	70,309,720.00
Improvement Fund - TexSTAR	101,879,638.02
RBC Improvement Fund Investments	84,576,341.99
RBC Coverage Fund Investments	8,518,475.92
<b>Total Cash</b>	<b>1,275,235,699.60</b>
<b>Other Assets</b>	
Due from City of Houston	640.20
Accounts Receivable - Other	5,770,298.79
Accrued Interest Receivable - RBCpurchas	578,703.89
Water Conservation Credits - HGSD	725,872.38
Interest in Treated Water Facilities	221,982,854.60
Accumulated Amortization - TWF	(23,478,295.08)
COH NEWPP Funds Held in Escrow	232,964,530.33
Interest in Luce Bayou	6,719,530.74
Accumulated Amortization - Luce Bayou	(507,856.00)
Interest in Water Plant 2 - Charterwood	961,432.86
Accumulated Amortization - WP2 Charterw	(256,380.36)
Interest in Transmission Facilities	23,037,069.69
Accumulated Amortization - TF	(6,655,154.22)
Interest in Northeast Transmission Line	226,882,418.56
Accumulated Amortization - NETL	(1,707,744.00)
<b>Total Other Assets</b>	<b>687,017,922.38</b>
<b>Fixed Assets</b>	
Land, Easements and Right of Ways	27,376,536.24
Waterline - Emerald Forest UD	36,694.50
Accum. Dep. - Waterline - Emerald Forest	(12,872.65)
ROW Acquisition Costs	9,386,125.61
Infrastructure - Water Wells	800,439.00
Infrastructure - Waterlines	284,718,031.55
Accum Depr - Infrastructure	(57,022,867.18)
Construction in Progress	17,824,069.55
Computer Equipment	326,372.01
Accum. Dep. - Computer Equip.	(215,185.60)
Furniture and Fixtures	37,713.58

# North Harris County Regional Water Authority

## Balance Sheet

As of 11/30/2020

	Current Year
Accum. Dep. - Furn. & Fix.	(25,341.51)
Total Fixed Assets	283,229,715.10
Total Assets	2,245,483,337.08

### Liabilities

#### Deferred Revenue - Capital Contributions

Deferred Rev - Cap Cont - Bilma PUD	937,606.20
Deferred Rev - Cap Cont - Charterwood	728,616.31
Deferred Rev - Cap Cont - CNP UD	1,852,350.62
Deferred Rev - Cap Cont - Cy-Champ PUD	1,300,044.31
Deferred Rev - Cap Cont - Faulkey Gully	1,830,083.38
Deferred Rev - Cap Cont - Fountainhead	983,034.78
Deferred Rev - Cap Cont - HCMUD 16	816,935.44
Deferred Rev - Cap Cont - HCMUD 25	534,954.81
Deferred Rev - Cap Cont - HCMUD109	1,451,092.24
Deferred Rev - Cap Cont - HCMUD168	1,688,795.86
Deferred Rev - Cap Cont - HCMUD275	122,764.81
Deferred Rev - Cap Cont - HCWCID119	1,129,448.66
Deferred Rev - Cap Cont - Heatherloch	915,281.30
Deferred Rev - Cap Cont - Kleinwood MUD	871,895.51
Deferred Rev - Cap Cont - Louetta Road M	361,448.78
Deferred Rev - Cap Cont - Malcomson Rd M	1,735,654.63
Deferred Rev - Cap Cont - Meadowhill Reg	645,936.68
Deferred Rev - Cap Cont - NWHCMUD15	461,653.53
Deferred Rev - Cap Cont - NWHCMUD19	228,102.69
Deferred Rev - Cap Cont - NWHCMUD20	567,608.12
Deferred Rev - Cap Cont - Timberlake ID	624,445.23
Deferred Rev - Cap Cont - WHCMUD9	963,387.19
Deferred Rev - Cap Cont - WHCMUD10	1,305,137.51
Deferred Rev - Cap Cont - WHCMUD11	1,355,279.83
Deferred Rev - Cap Cont 05 - HCMUD 44	399,172.43
Deferred Rev - Cap Cont 05 - Bilma PUD	662,168.70
Deferred Rev - Cap Cont 05 - CNP UD	1,271,593.06
Deferred Rev - Cap Cont 05 - Cy-Champ	892,357.59
Deferred Rev - Cap Cont 05 - Faulkey Gul	1,339,211.61
Deferred Rev - Cap Cont 05 - Fountainhea	681,152.78
Deferred Rev - Cap Cont 05 - HCMUD 16	541,262.47
Deferred Rev - Cap Cont 05 - HCMUD275	75,545.57
Deferred Rev - Cap Cont 05 - Louetta Nor	520,339.61
Deferred Rev - Cap Cont 05 - Meadowhill	397,521.80
Deferred Rev - Cap Cont 05 - NWHCMUD 15	233,329.54
Deferred Rev - Cap Cont 05 - NWHCMUD19	170,695.23
Deferred Rev - Cap Cont 05 - NWHCMUD 20	466,976.28
Deferred Rev - Cap Cont 05 - NWHCMUD 24	175,578.96
Deferred Rev - Cap Cont 05 - NWHCMUD 6	263,929.74
Deferred Rev - Cap Cont 05 - Timberlake	437,083.43

**North Harris County Regional Water Authority**

Balance Sheet

**As of 11/30/2020**

	Current Year
Deferred Rev - Cap Cont 05 - WHCMUD 9	688,653.93
Deferred Rev - Cap Cont 05 - WHCMUD 10	923,949.54
Deferred Rev - Cap Cont 05 - WHCMUD 11	856,001.22
Deferred Rev - Cap Cont 08 - Bilma PUD	2,037,007.18
Deferred Rev - Cap Cont 08 - CNP UD	3,125,667.82
Deferred Rev - Cap Cont 08 - Cy-Champ	2,072,920.25
Deferred Rev - Cap Cont 08 - Faulkey Gul	3,048,431.40
Deferred Rev - Cap Cont 08 - Fountainhea	648,539.93
Deferred Rev - Cap Cont 08 - HCMUD168	2,616,330.25
Deferred Rev - Cap Cont 08 - HCMUD 25	832,651.34
Deferred Rev - Cap Cont 08 - HCMUD275	307,081.81
Deferred Rev - Cap Cont 08 - HCMUD 44	920,861.10
Deferred Rev - Cap Cont 08 - HCWCID110	2,585,835.76
Deferred Rev - Cap Cont 08 - HCWCID119	2,144,434.18
Deferred Rev - Cap Cont 08 - Northgate	796,479.71
Deferred Rev - Cap Cont 08 - NWHCMUD19	805,406.41
Deferred Rev - Cap Cont 08 - NWHCMUD20	881,090.35
Deferred Rev - Cap Cont 08 - NWHCMUD24	1,332,792.81
Deferred Rev - Cap Cont 08 - Timberlake	827,568.93
Deferred Rev - Cap Cont 08 - WHCMUD 10	1,854,744.65
Deferred Rev - Cap Cont 08 - WHCMUD 11	1,531,799.31
Deferred Rev - Cap Cont 08 - WHCMUD 21	1,132,121.54
Deferred Rev - Cap Cont 08 - WHCMUD 9	1,492,244.53
<b>Total Deferred Revenue - Capital Contributions</b>	<b>65,402,091.17</b>
<b>Accounts Payable</b>	
Trade Accounts Payable	6,178,240.78
Social Security - 457 Plan Payable	(18.90)
Group Insurance Payable	(37,849.89)
Medicare Payable	(4.36)
SUTA Payable	2,750.13
Compensated Absences	131,240.33
Chloramination Credit Payable	18,300,974.39
Other Payables	12,568.77
<b>Total Accounts Payable</b>	<b>24,587,901.25</b>
<b>Bonds Payable</b>	
Accumulated Amortization 2013 Bond Prem	(3,768,090.00)
Accrued Interest Payable 2003 Bonds	167,719.00
Net Premium on Bonds 2005	0.45
Accumulated Amortization 2005 Bond Prem	(2,665,329.77)
Accrued Interest Payable - 2005 Bonds	89,578.00
Bonds Payable - Series 2014 Refunding	60,855,000.00
Deferred Premium on Bonds 2014	12,151,604.90
Deferred Discount - Bonds 2014	(424,162.15)
Deferred Difference on Refunding 2014	2,068,328.00
Accrued Interest Payable - 2014 Bonds	134,602.36
Bonds Payable - Series 2013 Refunding	83,040,000.00

North Harris County Regional Water Authority

Balance Sheet

As of 11/30/2020

	<u>Current Year</u>
Deferred Premium on Bonds 2013	13,106,405.15
Deferred Difference on Refunding 2013	(3,578,649.24)
Bonds Payable - Series 2015 TWDB	74,295,000.00
Bonds Payable - Series 2016 Revenue	252,155,000.11
Accrued Interest Payable - 2016 Bonds	529,127.00
Deffered Bond Premium - Series 2016	48,223,265.00
Deffered Bond Discount - Series 2016	(1,383,221.00)
Accumulated Amortization 2016 Bonds	(4,532,907.00)
Bonds Payable - Series 2016A TWDB	184,380,000.00
Accrued Interest Payable - 2016A Bonds	190,798.00
Deffered Difference - Series 2016	(21,075,319.01)
Bonds Payable - Series 2017 TWDB	381,945,000.00
Accrued Interest Payable - Series 2017	416,185.00
Bonds Payable - Series 2018 TWDB	469,345,000.00
Accrued Interest Payable - Series 2018	1,871,909.00
Bonds Payable - Series 2019 TWDB	229,616,561.00
Bonds Payable - Series 2020 TWDB	78,420,840.00
Total Bonds Payable	<u>1,855,574,244.80</u>
Total Liabilities	<u>1,945,564,237.22</u>
Fund Balance	
Unreserved Fund Balance	250,601,370.56
Other	49,317,729.30
Total Fund Balance	<u>299,919,099.86</u>
Liabilities & Fund Balance	<u>2,245,483,337.08</u>

# North Harris County Regional Water Authority

## Statement of Revenues and Expenditures

From 11/1/2020 Through 11/30/2020

	Current Period Actual	Current Year Actual
Receipts		
Pumpage Fees		
Cost of Water Revenue	9,810,203.66	111,653,514.30
Total Pumpage Fees	9,810,203.66	111,653,514.30
Interest Earned		
Interest Earned	39,359.96	5,401,381.43
Total Interest Earned	39,359.96	5,401,381.43
Total Receipts	9,849,563.62	117,054,895.73
Disbursements & Expenses		
Financial Services		
Audit Expenses	0.00	44,500.00
Total Financial Services	0.00	44,500.00
Engineering Services		
Acquisition Services	171,139.74	2,087,270.29
Engineering Services	1,556,084.22	16,537,561.60
Construction Expense	854,944.65	3,648,123.35
Total Engineering Services	2,582,168.61	22,272,955.24
Legal Services		
Legal - General Counsel Services	14,566.02	124,608.79
Legal - Litigation	23,956.21	23,956.21
Legal - VRA Submission/Director Election	4,272.30	33,929.79
Legal - Open Records Request	0.00	14,715.82
Legal - Contract Negotiations	4,283.75	39,312.00
Legal - Legislation	0.00	137.50
Legal - Easement/ROW Acquisition	0.00	758.75
Legal - Capital Contribution Matters	0.00	512.50
Total Legal Services	47,078.28	237,931.36
Operations & Maintenance		
Operations & Maintenance Services	156,069.56	1,933,608.94
Total Operations & Maintenance	156,069.56	1,933,608.94
Water Purchase		
Bulk Water Purchase	717,287.11	11,566,811.62
Total Water Purchase	717,287.11	11,566,811.62
Legislative Services		
Legislative Consultant	10,833.41	119,166.71
Total Legislative Services	10,833.41	119,166.71
Communications Services		
Communication Consultant	6,630.00	73,330.00
Printing	70.50	17,289.81
Water Conservation	500.00	31,225.57
Professional Services - Communications	0.00	183.30
WBIMS	4,314.00	51,868.00
Total Communications Services	11,514.50	173,896.68
Professional Services		
Director Fees	1,200.00	16,500.00
Salaries, Wages & Benefits	117,411.22	1,285,958.77
Retirement	6,657.34	120,111.10
Group Insurance	16,476.82	178,108.70
Social Security	2,756.08	68,846.50
Medicare	1,704.57	18,832.17
Unemployment Compensation	0.00	1,440.00
Bank Charges	3,015.00	17,353.27
Safe Deposit Box	0.00	75.00
Travel/Hotel&Meals	2,688.84	33,443.47
Mileage Reimbursements	69.00	2,311.71
Seminars/Training	50.00	6,809.00
Redistricting/Mapping	0.00	9,250.00

# North Harris County Regional Water Authority

## Statement of Revenues and Expenditures

From 11/1/2020 Through 11/30/2020

	Current Period Actual	Current Year Actual
Total Professional Services	152,028.87	1,759,039.69
Office Expenses		
Maintenance & Repairs	0.00	643.08
Office Supplies	363.84	9,810.43
Books/Periodicals	0.00	78.00
Postage/delivery	178.75	3,998.43
Telephone/Long Distance	1,613.38	41,811.33
Utilities	53,229.13	565,473.04
Equipment Leases	1,086.13	12,536.98
Office Lease	13,227.63	129,700.78
Security	0.00	2,176.24
Cellular Telephone	378.82	4,144.44
Memberships/Subscriptions	2,045.00	11,741.00
DSL Line/Internet Service	2,574.41	29,119.72
Computer Software	0.00	25,457.55
Computer Services	0.00	21,912.50
Computer Maintenance	0.00	8,650.00
Computer Equipment	0.00	4,413.45
Total Office Expenses	74,697.09	871,666.97
Misc. Expenses		
Election Expenses	0.00	509,407.35
Permit Fees	0.00	617,615.50
Insurance - Liability & Bonds	0.00	130,461.00
Total Misc. Expenses	0.00	1,257,483.85
Interest Expenses		
Interest Expense on Bonds - Series 2013	0.00	1,780,084.38
Interest Expense on Bonds - Series 2014	0.00	1,468,675.00
Interest Expense on Bonds - Series 2015	0.00	991,874.75
Interest Expense on Bonds - Series 2016	0.00	5,803,425.00
Interest Expense on Bonds - Series 2016A	0.00	2,125,879.75
Interest Expense on Bonds - Series 2017	0.00	4,644,952.00
Interest Expense on Bonds - Series 2018	0.00	7,394,621.50
Interest Expense on Bonds - Series 2019	0.00	3,290,592.99
Total Interest Expenses	0.00	27,500,105.37
Total Disbursements & Expenses	3,751,677.43	67,737,166.43
Excess Revenues Over (Under) Expenditures	6,097,886.19	49,317,729.30

# North Harris County Regional Water Authority

## Statement of Revenues and Expenditures by Period

From 1/1/2020 Through 11/30/2020

	1/1/2020 - 1/31/2020	2/1/2020 - 2/29/2020	3/1/2020 - 3/31/2020	4/1/2020 - 4/30/2020	5/1/2020 - 5/31/2020	6/1/2020 - 6/30/2020	7/1/2020 - 7/31/2020	8/1/2020 - 8/31/2020	9/1/2020 - 9/30/2020	10/1/2020 - 10/31/2020	11/1/2020 - 11/30/2020	Total
<b>Receipts</b>												
<b>Pumpage Fees</b>												
Cost of Water Revenue	7,406,405.84	6,820,249.31	6,722,418.23	8,166,568.84	6,616,105.49	11,952,281.56	9,176,851.74	16,036,979.60	11,814,952.33	17,130,497.70	9,810,203.66	111,653,514.30
<b>Total Pumpage Fees</b>	<b>7,406,405.84</b>	<b>6,820,249.31</b>	<b>6,722,418.23</b>	<b>8,166,568.84</b>	<b>6,616,105.49</b>	<b>11,952,281.56</b>	<b>9,176,851.74</b>	<b>16,036,979.60</b>	<b>11,814,952.33</b>	<b>17,130,497.70</b>	<b>9,810,203.66</b>	<b>111,653,514.30</b>
<b>Interest Earned</b>												
Interest Earned	1,399,693.40	1,397,323.58	1,169,145.14	638,984.12	252,075.96	163,789.75	123,394.06	98,607.28	67,086.81	51,921.37	39,359.96	5,401,381.43
<b>Total Interest Earned</b>	<b>1,399,693.40</b>	<b>1,397,323.58</b>	<b>1,169,145.14</b>	<b>638,984.12</b>	<b>252,075.96</b>	<b>163,789.75</b>	<b>123,394.06</b>	<b>98,607.28</b>	<b>67,086.81</b>	<b>51,921.37</b>	<b>39,359.96</b>	<b>5,401,381.43</b>
<b>Total Receipts</b>	<b>8,806,099.24</b>	<b>8,217,572.89</b>	<b>7,891,563.37</b>	<b>8,805,552.96</b>	<b>6,868,181.45</b>	<b>12,116,071.31</b>	<b>9,300,245.80</b>	<b>16,135,586.88</b>	<b>11,882,039.14</b>	<b>17,182,419.07</b>	<b>9,849,563.62</b>	<b>117,054,895.73</b>
<b>Disbursements &amp; Expenses</b>												
<b>Financial Services</b>												
Audit Expenses	0.00	0.00	0.00	44,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44,500.00
<b>Total Financial Services</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>44,500.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>44,500.00</b>
<b>Engineering Services</b>												
Acquisition Services	65,251.59	168,329.26	291,979.47	261,766.71	170,611.63	188,158.09	144,541.75	345,137.51	175,594.93	104,759.61	171,139.74	2,087,270.29
Engineering Services	1,255,841.05	1,576,890.61	2,174,020.27	1,762,371.44	1,960,920.71	1,364,791.60	1,101,309.44	1,126,760.34	1,147,660.66	1,510,911.26	1,556,084.22	16,537,561.60
Construction Expense	(104,341.12)	0.00	0.00	(286,245.36)	0.00	0.00	0.00	0.00	2,532,052.71	651,712.47	854,944.65	3,648,123.35
<b>Total Engineering Services</b>	<b>1,216,751.52</b>	<b>1,745,219.87</b>	<b>2,465,999.74</b>	<b>1,737,892.79</b>	<b>2,131,532.34</b>	<b>1,552,949.69</b>	<b>1,245,851.19</b>	<b>1,471,897.85</b>	<b>3,855,308.30</b>	<b>2,267,383.34</b>	<b>2,582,168.61</b>	<b>22,272,955.24</b>
<b>Legal Services</b>												
Legal - General Counsel Services	13,670.86	13,951.66	11,837.74	16,371.01	7,764.36	10,025.32	6,536.63	4,448.59	13,146.49	12,290.11	14,566.02	124,608.79
Legal - Litigation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23,956.21	23,956.21
Legal - VRA Submission/... Election	0.00	0.00	0.00	0.00	0.00	1,058.75	3,407.25	9,303.15	3,584.75	12,303.59	4,272.30	33,929.79
Legal - Open Records Request	0.00	0.00	0.00	0.00	0.00	0.00	4,142.50	7,305.82	3,207.50	60.00	0.00	14,715.82

# North Harris County Regional Water Authority

## Statement of Revenues and Expenditures by Period

From 1/1/2020 Through 11/30/2020

	1/1/2020 - 1/31/2020	2/1/2020 - 2/29/2020	3/1/2020 - 3/31/2020	4/1/2020 - 4/30/2020	5/1/2020 - 5/31/2020	6/1/2020 - 6/30/2020	7/1/2020 - 7/31/2020	8/1/2020 - 8/31/2020	9/1/2020 - 9/30/2020	10/1/2020 - 10/31/2020	11/1/2020 - 11/30/2020	Total
Legal - Contract Negotiations	4,898.75	3,523.40	518.05	1,257.15	1,111.25	4,977.45	5,653.75	1,099.05	7,496.90	4,492.50	4,283.75	39,312.00
Legal - Legislation	0.00	0.00	137.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	137.50
Legal - Easement/RO... Acquisition	0.00	0.00	0.00	71.25	0.00	0.00	687.50	0.00	0.00	0.00	0.00	758.75
Legal - Capital Contribution Matters	86.25	98.75	0.00	0.00	0.00	0.00	0.00	0.00	327.50	0.00	0.00	512.50
<b>Total Legal Services</b>	<b>18,655.86</b>	<b>17,573.81</b>	<b>12,493.29</b>	<b>17,699.41</b>	<b>8,875.61</b>	<b>16,061.52</b>	<b>20,427.63</b>	<b>22,156.61</b>	<b>27,763.14</b>	<b>29,146.20</b>	<b>47,078.28</b>	<b>237,931.36</b>
<b>Operations &amp; Maintenance</b>												
Operations & Maintenance Services	(115,106.32)	47,923.51	141,787.64	352,193.93	174,066.98	263,422.43	470,867.28	94,272.45	50,605.15	297,506.33	156,069.56	1,933,608.94
<b>Total Operations &amp; Maintenance</b>	<b>(115,106.32)</b>	<b>47,923.51</b>	<b>141,787.64</b>	<b>352,193.93</b>	<b>174,066.98</b>	<b>263,422.43</b>	<b>470,867.28</b>	<b>94,272.45</b>	<b>50,605.15</b>	<b>297,506.33</b>	<b>156,069.56</b>	<b>1,933,608.94</b>
<b>Water Purchase</b>												
Bulk Water Purchase	863,004.40	817,952.97	1,047,612.81	1,047,548.12	1,363,128.03	1,342,960.20	1,325,829.97	1,480,610.23	841,733.25	719,144.53	717,287.11	11,566,811.62
<b>Total Water Purchase</b>	<b>863,004.40</b>	<b>817,952.97</b>	<b>1,047,612.81</b>	<b>1,047,548.12</b>	<b>1,363,128.03</b>	<b>1,342,960.20</b>	<b>1,325,829.97</b>	<b>1,480,610.23</b>	<b>841,733.25</b>	<b>719,144.53</b>	<b>717,287.11</b>	<b>11,566,811.62</b>
<b>Legislative Services</b>												
Legislative Consultant	10,833.33	10,833.33	10,833.33	10,833.33	10,833.33	10,833.33	10,833.33	10,833.33	10,833.33	10,833.33	10,833.41	119,166.71
<b>Total Legislative Services</b>	<b>10,833.33</b>	<b>10,833.41</b>	<b>119,166.71</b>									
<b>Communications Services</b>												
Communicati... Consultant	6,670.00	6,670.00	6,670.00	6,670.00	6,670.00	6,670.00	6,670.00	6,670.00	6,670.00	6,670.00	6,630.00	73,330.00
Printing	10,174.42	0.00	6,633.63	0.00	0.00	0.00	0.00	411.26	0.00	0.00	70.50	17,289.81
Water Conservation	0.00	1,097.02	1,611.73	1,000.00	500.00	500.00	500.00	1,737.27	500.00	23,279.55	500.00	31,225.57
Professional Services - Communicati...	0.00	0.00	183.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	183.30
WBIMS	8,628.00	4,314.00	4,314.00	4,314.00	4,314.00	4,414.00	4,314.00	4,314.00	4,314.00	4,314.00	4,314.00	51,868.00

# North Harris County Regional Water Authority

## Statement of Revenues and Expenditures by Period

From 1/1/2020 Through 11/30/2020

	1/1/2020 - 1/31/2020	2/1/2020 - 2/29/2020	3/1/2020 - 3/31/2020	4/1/2020 - 4/30/2020	5/1/2020 - 5/31/2020	6/1/2020 - 6/30/2020	7/1/2020 - 7/31/2020	8/1/2020 - 8/31/2020	9/1/2020 - 9/30/2020	10/1/2020 - 10/31/2020	11/1/2020 - 11/30/2020	Total
Total Communications Services	25,472.42	12,081.02	19,412.66	11,984.00	11,484.00	11,584.00	11,484.00	13,132.53	11,484.00	34,263.55	11,514.50	173,896.68
Professional Services												
Director Fees	1,800.00	1,200.00	1,650.00	1,650.00	2,100.00	1,200.00	1,200.00	2,100.00	1,200.00	1,200.00	1,200.00	16,500.00
Salaries, Wages & Benefits	116,173.24	111,095.59	117,539.54	118,052.82	117,026.26	117,539.54	118,052.82	117,026.26	118,052.82	117,988.66	117,411.22	1,285,958.77
Retirement	13,040.23	12,434.80	12,885.87	12,921.80	13,099.94	12,885.87	12,921.80	10,363.46	6,452.24	6,447.75	6,657.34	120,111.10
Group Insurance	15,912.76	15,912.76	15,912.76	15,912.76	15,912.76	15,912.76	15,912.76	17,038.92	16,726.82	16,476.82	16,476.82	178,108.70
Social Security	7,314.31	6,962.29	7,389.72	7,421.54	7,385.80	7,361.82	5,912.56	5,781.36	5,789.20	4,771.82	2,756.08	68,846.50
Medicare	1,710.62	1,628.29	1,728.26	1,735.69	1,727.33	1,721.73	1,729.17	1,719.70	1,713.87	1,712.94	1,704.57	18,832.17
Unemployment Compensation	72.73	12.17	1,355.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,440.00
Bank Charges	0.00	2,750.00	0.00	1,030.00	0.00	0.00	7,806.27	500.00	0.00	2,252.00	3,015.00	17,353.27
Safe Deposit Box	0.00	0.00	0.00	75.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.00
Travel/Hotel...	2,684.06	4,322.11	4,499.46	3,422.22	2,533.50	2,533.50	3,008.20	2,614.16	2,533.50	2,603.92	2,688.84	33,443.47
Mileage Reimburseme...	104.26	707.83	546.25	391.58	47.73	66.13	131.10	113.85	68.43	65.55	69.00	2,311.71
Seminars/Tra...	2,995.00	445.00	3,210.00	0.00	(575.00)	375.00	229.00	(375.00)	405.00	50.00	50.00	6,809.00
Redistricting/...	0.00	0.00	0.00	0.00	0.00	0.00	9,250.00	0.00	0.00	0.00	0.00	9,250.00
Total Professional Services	161,807.21	157,470.84	166,716.96	162,613.41	159,258.32	159,596.35	176,153.68	156,882.71	152,941.88	153,569.46	152,028.87	1,759,039.69
Office Expenses												
Maintenance & Repairs	0.00	0.00	0.00	0.00	0.00	643.08	0.00	0.00	0.00	0.00	0.00	643.08
Office Supplies	2,830.04	48.96	958.10	651.59	513.90	549.95	1,806.08	1,282.46	330.98	474.53	363.84	9,810.43
Books/Period...	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.00	0.00	78.00
Postage/deliv...	198.00	617.79	472.35	482.98	196.53	318.57	217.57	495.30	442.26	378.33	178.75	3,998.43
Telephone/Lo... Distance	3,580.29	3,520.09	3,632.12	3,683.54	3,716.11	4,148.09	4,376.77	4,510.66	4,515.65	4,514.63	1,613.38	41,811.33
Utilities	2,448.33	38,985.04	43,528.11	47,638.23	98,049.85	55,528.05	57,408.54	54,135.20	58,438.62	56,083.94	53,229.13	565,473.04
Equipment Leases	1,086.13	1,173.96	1,086.13	1,086.13	1,086.13	1,336.99	1,086.13	2,172.26	1,336.99	0.00	1,086.13	12,536.98
Office Lease	12,458.75	12,458.75	12,458.75	12,458.75	12,458.75	13,227.63	13,227.63	13,227.63	13,227.63	1,268.88	13,227.63	129,700.78
Security	320.00	320.00	554.88	160.00	0.00	410.68	0.00	0.00	410.68	0.00	0.00	2,176.24
Cellular Telephone	378.47	378.47	378.47	378.37	378.37	378.37	358.76	378.76	378.76	378.82	378.82	4,144.44

**North Harris County Regional Water Authority**

Statement of Revenues and Expenditures by Period

From 1/1/2020 Through 11/30/2020

	1/1/2020 - 1/31/2020	2/1/2020 - 2/29/2020	3/1/2020 - 3/31/2020	4/1/2020 - 4/30/2020	5/1/2020 - 5/31/2020	6/1/2020 - 6/30/2020	7/1/2020 - 7/31/2020	8/1/2020 - 8/31/2020	9/1/2020 - 9/30/2020	10/1/2020 - 10/31/2020	11/1/2020 - 11/30/2020	Total
Memberships...	294.00	4,018.00	414.00	70.00	40.00	1,825.00	0.00	1,320.00	70.00	1,645.00	2,045.00	11,741.00
DSL Line/Internet Service	2,844.06	2,844.06	2,844.06	2,838.72	2,838.72	2,838.72	2,835.78	2,835.78	2,572.72	1,252.69	2,574.41	29,119.72
Computer Software	15,204.32	5,586.00	0.00	359.55	0.00	280.00	0.00	1,148.88	1,919.04	959.76	0.00	25,457.55
Computer Services	4,575.00	1,275.00	0.00	2,250.00	0.00	1,162.50	0.00	8,412.50	412.50	3,825.00	0.00	21,912.50
Computer Maintenance	8,650.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,650.00
Computer Equipment	1,542.46	1,682.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,188.42	0.00	4,413.45
<b>Total Office Expenses</b>	<b>56,409.85</b>	<b>72,908.69</b>	<b>66,326.97</b>	<b>72,057.86</b>	<b>119,278.36</b>	<b>82,647.63</b>	<b>81,317.26</b>	<b>89,919.43</b>	<b>84,055.83</b>	<b>72,048.00</b>	<b>74,697.09</b>	<b>871,666.97</b>
<b>Misc. Expenses</b>												
Election Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	509,407.35	0.00	0.00	0.00	509,407.35
Permit Fees	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38,015.50	579,600.00	0.00	617,615.50
Insurance - Liability & Bonds	0.00	0.00	0.00	0.00	0.00	128,558.00	1,300.00	603.00	0.00	0.00	0.00	130,461.00
<b>Total Misc. Expenses</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>128,558.00</b>	<b>1,300.00</b>	<b>510,010.35</b>	<b>38,015.50</b>	<b>579,600.00</b>	<b>0.00</b>	<b>1,257,483.85</b>
<b>Interest Expenses</b>												
Interest Expense on Bonds - Series 2013	0.00	0.00	0.00	0.00	0.00	1,780,084.38	0.00	0.00	0.00	0.00	0.00	1,780,084.38
Interest Expense on Bonds - Series 2014	0.00	0.00	0.00	0.00	0.00	1,468,675.00	0.00	0.00	0.00	0.00	0.00	1,468,675.00
Interest Expense on Bonds - Series 2015	0.00	0.00	0.00	0.00	0.00	991,874.75	0.00	0.00	0.00	0.00	0.00	991,874.75
Interest Expense on Bonds - Series 2016	0.00	0.00	0.00	0.00	0.00	5,803,425.00	0.00	0.00	0.00	0.00	0.00	5,803,425.00

**North Harris County Regional Water Authority**

Statement of Revenues and Expenditures by Period

From 1/1/2020 Through 11/30/2020

	1/1/2020 - 1/31/2020	2/1/2020 - 2/29/2020	3/1/2020 - 3/31/2020	4/1/2020 - 4/30/2020	5/1/2020 - 5/31/2020	6/1/2020 - 6/30/2020	7/1/2020 - 7/31/2020	8/1/2020 - 8/31/2020	9/1/2020 - 9/30/2020	10/1/2020 - 10/31/2020	11/1/2020 - 11/30/2020	Total
Interest Expense on Bonds - Series 2016A	0.00	0.00	0.00	0.00	0.00	2,125,879.75	0.00	0.00	0.00	0.00	0.00	2,125,879.75
Interest Expense on Bonds - Series 2017	0.00	0.00	0.00	0.00	0.00	4,644,952.00	0.00	0.00	0.00	0.00	0.00	4,644,952.00
Interest Expense on Bonds - Series 2018	0.00	0.00	0.00	0.00	0.00	7,394,621.50	0.00	0.00	0.00	0.00	0.00	7,394,621.50
Interest Expense on Bonds - Series 2019	0.00	0.00	0.00	0.00	0.00	3,290,592.99	0.00	0.00	0.00	0.00	0.00	3,290,592.99
<b>Total Interest Expenses</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>27,500,105.37</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>27,500,105.37</b>
<b>Total Disbursements &amp; Expenses</b>	<b>2,237,828.27</b>	<b>2,881,964.04</b>	<b>3,931,183.40</b>	<b>3,457,322.85</b>	<b>3,978,456.97</b>	<b>31,068,718.52</b>	<b>3,344,064.34</b>	<b>3,849,715.49</b>	<b>5,072,740.38</b>	<b>4,163,494.74</b>	<b>3,751,677.43</b>	<b>67,737,166.43</b>
<b>Excess Revenues Over (Under) Expenditures</b>	<b>6,568,270.97</b>	<b>5,335,608.85</b>	<b>3,960,379.97</b>	<b>5,348,230.11</b>	<b>2,889,724.48</b>	<b>(18,952,647.21)</b>	<b>5,956,181.46</b>	<b>12,285,871.39</b>	<b>6,809,298.76</b>	<b>13,018,924.33</b>	<b>6,097,886.19</b>	<b>49,317,729.30</b>

**INVESTMENT REPORT, AUTHORIZATION AND REVIEW**

Report for  
NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY

Prepared for the reporting period ("Period") from 11/1/2020 to 11/30/2020

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	0.1200%	9,843,126.79	1.000270	9,845,784.43	(1,627.54)	(5,551,019.73)	4,292,107.06	1.000240	4,293,137.17
OA Texpool Prime - Operating	0.1600%	4,742,753.97	1.000090	4,743,180.82	(189.68)	633.62	4,743,387.59	1.000050	4,743,624.76
CA Texpool - Construction Fund 2005	0.1200%	3,012.81	1.000270	3,013.62	(0.09)	0.30	3,013.11	1.000240	3,013.83
CA Texpool Prime - Const Fund 2015	0.1600%	544,532.16	1.000090	544,581.17	(20.57)	24,199.59	568,731.75	1.000050	568,760.19
CA Texpool Prime - Capital Contrib 2005	0.1600%	13,289,790.82	1.000090	13,290,986.90	(596.51)	(1,298,325.60)	11,991,465.22	1.000050	11,992,064.79
CA Texpool Prime - CHCRWA Const	0.1600%	329,968.86	1.000090	329,998.56	(13.20)	44.09	330,012.95	1.000050	330,029.45
CA Texpool Prime - PFUD Initial Difference 4C3	0.1600%	245,931.47	1.000090	245,953.60	(9.84)	32.90	245,964.37	1.000050	245,976.67
IS Texpool Prime - I & S Fund 2003/2013	0.1600%	5,831,288.72	1.000090	5,831,813.54	(233.21)	778.99	5,832,067.71	1.000050	5,832,359.31
IS Texpool Prime - 2013 Debt Service Reserve	0.1600%	116,662.85	1.000090	116,673.35	28.83	670,018.01	786,680.86	1.000050	786,720.19
IS Texpool Prime - 2014 Debt Service Reserve	0.1600%	114,968.50	1.000090	114,978.85	(4.60)	15.35	114,983.85	1.000050	114,989.60
CA Texpool Prime - Const Fund 2008	0.1600%	4,794,686.54	1.000090	4,795,118.06	(341.77)	(2,999,724.99)	1,794,961.55	1.000050	1,795,051.30
CA Texpool Prime - Capital Contrib 2008	0.1600%	1,592,537.47	1.000090	1,592,680.80	(63.69)	212.72	1,592,750.19	1.000050	1,592,829.83
IS Texpool Prime - I & S Fund 2008	0.1600%	2,878,024.21	1.000090	2,878,283.23	(115.10)	384.50	2,878,408.71	1.000050	2,878,552.63
IS Texpool Prime - 2008 Debt Service Reserve	0.1600%	282,384.06	1.000090	282,409.47	(11.29)	37.76	282,421.82	1.000050	282,435.94
IS Texpool Prime - I & S Fund 2015	0.1600%	2,811,023.87	1.000090	2,811,276.86	(95.42)	340,376.74	3,151,400.61	1.000050	3,151,558.18
IS Texpool Prime - 2015 Debt Service Reserve	0.1600%	349,536.19	1.000090	349,567.65	(13.98)	46.68	349,582.87	1.000050	349,600.35
CA Texpool Prime - Const Fund 2016	0.1600%	457,136.94	1.000090	457,178.08	(18.28)	61.11	457,198.05	1.000050	457,220.91
IS Texpool Prime - I & S Fund 2016	0.1600%	10,811,470.82	1.000090	10,812,443.85	(357.89)	1,491,449.67	12,302,920.49	1.000050	12,303,535.64
IS Texpool Prime - 2016 Debt Service Reserve	0.1600%	340,694.24	1.000090	340,724.90	(13.63)	45.51	340,739.75	1.000050	340,756.79
CA Texpool Prime - Const Fund 2016A	0.1600%	25,720,677.34	1.000090	25,722,992.20	(1,028.66)	3,435.98	25,724,113.32	1.000050	25,725,399.53
IS Texpool Prime - I & S Fund 2016A	0.1600%	6,940,605.19	1.000090	6,941,229.84	(237.43)	803,930.07	7,744,535.26	1.000050	7,744,922.49
IS Texpool Prime - 2016A Debt Service Reserve	0.1600%	480,828.84	1.000090	480,872.11	(19.23)	64.20	480,893.04	1.000050	480,917.08
CA Texpool Prime - Const Fund 2017	0.1600%	24,101,966.37	1.000090	24,104,135.55	(963.92)	3,219.76	24,105,186.13	1.000050	24,106,391.39
IS Texpool Prime - I & S Fund 2017	0.1600%	12,972,945.65	1.000090	12,974,113.22	(439.03)	1,597,738.75	14,570,684.40	1.000050	14,571,412.93
IS Texpool Prime - 2017 Debt Service Reserve	0.1600%	915,363.30	1.000090	915,445.68	(36.61)	122.28	915,485.58	1.000050	915,531.35
CA Texpool Prime - Const Fund 2018	0.1600%	6,664,510.03	1.000090	6,665,109.84	(266.54)	890.28	6,665,400.31	1.000050	6,665,733.58
IS Texpool Prime - I & S Fund 2018	0.1600%	9,035,583.53	1.000090	9,036,396.73	(351.86)	191,207.71	9,226,791.24	1.000050	9,227,252.58
IS Texpool Prime - 2018 Debt Service Reserve	0.1600%	1,006,611.81	1.000090	1,006,702.41	(40.26)	134.46	1,006,746.27	1.000050	1,006,796.61
CA Texpool Prime - Const Fund 2019	0.1600%	0.00	1.000090	0.00	0.00	0.00	0.00	1.000050	0.00
IS Texpool Prime - I & S Fund 2019	0.1600%	8,092,862.24	1.000090	8,093,590.60	(323.66)	1,081.14	8,093,943.38	1.000050	8,094,348.08
IS Texpool Prime - 2019 Debt Service Reserve	0.1600%	14,331,170.25	1.000090	14,332,460.06	(573.15)	1,914.54	14,333,084.79	1.000050	14,333,801.44
CA Texpool Prime - Const Fund 2020	0.1600%	0.00	1.000090	0.00	0.00	0.00	0.00	1.000050	0.00
IS Texpool Prime - I & S Fund 2020	0.1600%	0.00	1.000090	0.00	167.86	3,357,180.85	3,357,180.85	1.000050	3,357,348.71
IS Texpool Prime - 2020 Debt Service Reserve	0.1600%	0.00	1.000090	0.00	237.72	4,754,303.62	4,754,303.62	1.000050	4,754,541.34
CA TexSTAR - Construction Fund 2005	0.0944%	17,549.37	1.000203	17,552.93	(0.26)	1.38	17,550.75	1.000188	17,554.05
IS TexSTAR - I & S Fund 2005/2014	0.0944%	3,902,938.47	1.000203	3,903,730.77	28.56	463,303.72	4,366,242.19	1.000188	4,367,063.04
CA TexSTAR - Construction Fund 2008	0.0944%	1,569,208.39	1.000203	1,569,526.94	(23.52)	121.75	1,569,330.14	1.000188	1,569,625.17
IMP TexSTAR - Improvement Fund	0.0944%	101,871,734.54	1.000203	101,892,414.50	(1,526.59)	7,903.48	101,879,638.02	1.000188	101,898,791.39
COV TexSTAR - Coverage Fund	0.0944%	47,047,724.38	1.000203	47,057,275.07	(705.03)	3,650.08	47,051,374.46	1.000188	47,060,220.12
	0.1088%	324,051,810.99		324,100,196.19	(9,799.05)	3,869,471.27	327,921,282.26		327,959,868.41

**PTA Accounts**

	Yield	Beginning Value for Period		Changes in Market Value	Deposits or (Withdraw)	Ending Value for Period	
		Book	Market*			Book	Market*
NHCWRA-2016SERIESATWDBDSRF	0.150%	9,844,397.66	9,964,494.53	9,331.11	0.00	9,862,734.70	9,973,825.63
NHCWRA 2018 DSRF	0.155%	31,125,261.32	31,488,122.92	20,629.63	0.00	31,175,655.77	31,508,752.56
NHCWRA - 2017 TWDB DSRF	0.149%	20,731,997.96	20,991,985.49	17,294.10	0.00	20,769,140.86	21,009,279.59
NHCWRA - 2015 TWDB DSRF	0.164%	4,135,397.45	4,163,160.40	1,360.66	0.00	4,140,055.57	4,164,521.06
NHCRWA Improvement Fund	0.161%	88,002,555.03	89,220,153.51	3,882.48	0.00	88,082,341.04	89,224,035.99
NHCRWA Coverage Fund	0.159%	8,875,893.19	8,978,339.80	(5,720.76)	0.00	8,875,790.67	8,972,619.03
NHCRWA 2014 DSRF	0.142%	5,983,454.13	6,039,603.76	6,543.04	0.00	5,994,619.26	6,046,146.80
NHCRWA 2013 DSRF	0.154%	8,489,203.52	8,595,325.12	(7,133.74)	0.00	8,487,746.68	8,588,191.38
NHCRWA 2008/2016 DSRF	0.146%	19,536,935.58	19,765,722.21	1,412.49	0.00	19,553,825.00	19,767,134.70
NHCRWA 2008 Capital Contribution	0.111%	27,017,603.98	27,045,106.72	6,886.72	0.00	27,031,075.71	27,051,793.44
	0.151%	223,742,699.82	226,252,014.46	54,285.73	0.00	223,972,985.26	226,306,300.19

Total of all investments

\$ 3,869,471.27 \$ 551,894,267.52 \$ 554,266,168.59

**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 & date)



Report: NHCWRA Holdings Report  
Date: 11/01/2020 - 11/30/2020

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	31846V443	U.S. Bancorp	11/30/2020	AAAm	Aaa	112,661.50	112,661.50	0.00	887,009.75	887,009.75	0.00	887,009.75
NHCWRA-2016SERIESATWDBDSRF	CCYUSD	---	11/30/2020	AAA	Aaa	4,690.38	4,690.38	0.00	0.72	0.72	0.00	0.72
NHCWRA-2016SERIESATWDBDSRF	3130A0EN6	Federal Home Loan Banks	12/10/2021	AA+	Aaa	751,907.03	772,527.51	8,445.31	751,768.27	770,834.15	10,242.19	781,076.34
NHCWRA-2016SERIESATWDBDSRF	3135G0U92	Federal National Mortgage Association	01/11/2022	AA+	Aaa	249,926.76	257,299.94	2,005.21	249,931.69	256,915.00	2,552.08	259,467.08
NHCWRA-2016SERIESATWDBDSRF	912828J76	United States	03/31/2022	AA+	Aaa	799,410.99	818,093.60	1,230.77	799,445.04	817,187.20	2,384.62	819,571.82
NHCWRA-2016SERIESATWDBDSRF	9128286M7	United States	04/15/2022	AA+	Aaa	781,743.58	798,704.15	814.39	781,364.37	797,523.05	2,251.55	799,774.60
NHCWRA-2016SERIESATWDBDSRF	9128285Q9	United States	11/30/2020	AA+	Aaa	750,113.31	751,496.25	8,678.28	0.00	0.00	0.00	0.00
NHCWRA-2016SERIESATWDBDSRF	3133ELGN8	Farm Credit System	10/13/2022	AA+	Aaa	852,368.12	873,376.42	680.00	852,269.03	872,514.96	1,813.33	874,328.29
NHCWRA-2016SERIESATWDBDSRF	9128283X6	United States	02/15/2021	AA+	Aaa	749,368.29	754,570.50	3,576.77	749,547.08	753,250.50	4,952.45	758,202.95
NHCWRA-2016SERIESATWDBDSRF	9128284P2	United States	05/15/2021	AA+	Aaa	750,367.76	760,078.50	9,094.77	750,311.83	758,730.75	870.17	759,600.92
NHCWRA-2016SERIESATWDBDSRF	3135G05G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	798,931.96	800,857.45	616.67	798,964.17	800,231.10	783.33	801,014.44
NHCWRA-2016SERIESATWDBDSRF	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	752,212.40	752,877.71	85.94	752,138.68	753,342.60	320.31	753,662.91
NHCWRA-2016SERIESATWDBDSRF	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	772,717.46	773,419.87	6,242.19	771,565.36	772,358.62	7,570.31	779,928.93
NHCWRA-2016SERIESATWDBDSRF	912828D72	United States	08/31/2021	AA+	Aaa	224,077.45	228,462.98	770.72	224,169.01	228,172.95	1,143.65	229,316.60
NHCWRA-2016SERIESATWDBDSRF	3137EAEY1	Freddie Mac	10/16/2023	AA+	Aaa	747,167.61	747,204.29	39.06	747,246.31	748,049.53	117.19	748,166.72
NHCWRA-2016SERIESATWDBDSRF	912828T67	United States	10/31/2021	AA+	Aaa	746,733.04	758,173.50	25.90	747,003.39	757,704.75	802.83	758,507.58
NHCWRA-2016SERIESATWDBDSRF	---	---	04/07/2022	AA+	Aaa	9,844,397.66	9,964,494.53	42,305.96	9,862,734.70	9,973,825.63	35,804.00	10,009,629.63

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	31846V443	U.S. Bancorp	11/30/2020	AAAm	Aaa	304,677.05	304,677.05	0.00	2,376,860.51	2,376,860.51	0.00	2,376,860.51
NHCWRA 2018 DSRF	CCYUSD	---	11/30/2020	AAA	Aaa	20,007.69	20,007.69	0.00	1.99	1.99	0.00	1.99
NHCWRA 2018 DSRF	3135G0U92	Federal National Mortgage Association	01/11/2022	AA+	Aaa	669,803.73	689,563.83	5,373.96	669,816.92	688,532.20	6,839.58	695,371.78
NHCWRA 2018 DSRF	3130A0EN6	Federal Home Loan Banks	12/10/2021	AA+	Aaa	2,005,085.42	2,060,073.36	22,520.83	2,004,715.37	2,055,557.74	27,312.50	2,082,870.24
NHCWRA 2018 DSRF	9128286M7	United States	04/15/2022	AA+	Aaa	2,017,402.79	2,061,172.00	2,101.65	2,016,424.17	2,058,124.00	5,810.44	2,063,934.44
NHCWRA 2018 DSRF	9128285Q9	United States	11/30/2020	AA+	Aaa	2,000,302.16	2,003,990.00	23,142.08	0.00	0.00	0.00	0.00
NHCWRA 2018 DSRF	912828W89	United States	03/31/2022	AA+	Aaa	2,006,035.40	2,048,672.00	3,296.70	2,005,686.22	2,046,406.00	6,387.36	2,052,793.36
NHCWRA 2018 DSRF	9128285S5	United States	12/31/2020	AA+	Aaa	1,999,954.64	2,007,530.00	16,847.83	1,999,977.32	2,003,862.00	20,923.91	2,024,785.91
NHCWRA 2018 DSRF	3133ELGN8	Farm Credit System	10/13/2022	AA+	Aaa	2,506,965.06	2,568,754.18	2,000.00	2,506,673.63	2,566,220.48	5,333.33	2,571,553.81
NHCWRA 2018 DSRF	9128283X6	United States	02/15/2021	AA+	Aaa	1,998,315.45	2,012,188.00	9,538.04	1,998,792.21	2,008,668.00	13,206.52	2,021,874.52
NHCWRA 2018 DSRF	9128284P2	United States	05/15/2021	AA+	Aaa	2,000,980.71	2,026,876.00	24,252.72	2,000,831.54	2,023,282.00	2,320.44	2,025,602.44
NHCWRA 2018 DSRF	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	1,855,457.27	1,857,098.34	211.98	1,855,275.42	1,858,245.08	790.10	1,859,035.18
NHCWRA 2018 DSRF	3135G05G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	2,496,662.38	2,502,679.53	1,927.08	2,496,763.05	2,500,722.20	2,447.92	2,503,170.12
NHCWRA 2018 DSRF	912828D72	United States	08/31/2021	AA+	Aaa	1,244,874.72	1,269,238.75	4,281.77	1,245,383.40	1,267,627.50	6,353.59	1,273,981.09
NHCWRA 2018 DSRF	3137EAEV7	Freddie Mac	08/24/2023	AA+	Aaa	2,000,345.38	1,999,789.38	972.22	2,000,335.41	2,000,611.40	1,388.89	2,002,000.29
NHCWRA 2018 DSRF	3133ELEF7	Farm Credit System	09/20/2021	AA+	Aaa	1,999,126.51	2,026,550.06	3,758.33	1,999,208.01	2,024,700.72	6,508.33	2,031,209.05
NHCWRA 2018 DSRF	3137EAEY1	Freddie Mac	10/16/2023	AA+	Aaa	1,992,446.97	1,992,544.76	104.17	1,992,656.84	1,994,798.74	312.50	1,995,111.24
NHCWRA 2018 DSRF	912828F96	United States	10/31/2021	AA+	Aaa	2,006,818.01	2,036,718.00	110.50	2,006,253.75	2,034,532.00	3,425.41	2,037,957.41
NHCWRA 2018 DSRF	---	---	03/23/2022	AA+	Aaa	31,125,261.32	31,488,122.92	120,439.86	31,175,655.77	31,508,752.56	109,360.84	31,618,113.40

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	31846V443	U.S. Bancorp	11/30/2020	AAAm	Aaa	143,135.82	143,135.82	0.00	1,693,028.79	1,693,028.79	0.00	1,693,028.79
NHCWRA - 2017 TWDB DSRF	CCYUSD	---	11/30/2020	AAA	Aaa	10,630.34	10,630.34	0.00	1.05	1.05	0.00	1.05
NHCWRA - 2017 TWDB DSRF	3135G0U92	Federal National Mortgage Association	01/11/2022	AA+	Aaa	504,852.06	519,745.87	4,050.52	504,862.01	518,968.30	5,155.21	524,123.51
NHCWRA - 2017 TWDB DSRF	3130A0EN6	Federal Home Loan Banks	12/10/2021	AA+	Aaa	1,503,814.07	1,545,055.02	16,890.63	1,503,536.53	1,541,668.31	20,484.38	1,562,152.68
NHCWRA - 2017 TWDB DSRF	912828J76	United States	03/31/2022	AA+	Aaa	1,648,785.16	1,687,318.05	2,538.46	1,648,855.39	1,685,448.60	4,918.27	1,690,366.87
NHCWRA - 2017 TWDB DSRF	9128286M7	United States	04/15/2022	AA+	Aaa	1,513,052.09	1,545,879.00	1,576.24	1,512,318.13	1,543,593.00	4,357.83	1,547,950.83
NHCWRA - 2017 TWDB DSRF	9128285Q9	United States	11/30/2020	AA+	Aaa	1,500,226.62	1,502,992.50	17,356.56	0.00	0.00	0.00	0.00
NHCWRA - 2017 TWDB DSRF	3133ELGN8	Farm Credit System	10/13/2022	AA+	Aaa	1,579,387.99	1,618,315.13	1,260.00	1,579,204.39	1,616,718.90	3,360.00	1,620,078.90
NHCWRA - 2017 TWDB DSRF	9128283X6	United States	02/15/2021	AA+	Aaa	1,498,736.59	1,509,141.00	7,153.53	1,499,094.16	1,506,501.00	9,904.89	1,516,405.89
NHCWRA - 2017 TWDB DSRF	9128284P2	United States	05/15/2021	AA+	Aaa	1,500,735.53	1,520,157.00	18,189.54	1,500,623.65	1,517,461.50	1,740.33	1,519,201.83
NHCWRA - 2017 TWDB DSRF	3135G05G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	1,647,797.17	1,651,768.49	1,271.88	1,647,863.61	1,650,476.65	1,615.63	1,652,092.28
NHCWRA - 2017 TWDB DSRF	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	1,504,424.81	1,505,755.41	171.88	1,504,277.37	1,506,685.20	640.63	1,507,325.83
NHCWRA - 2017 TWDB DSRF	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	1,545,434.91	1,546,839.74	12,484.38	1,543,130.72	1,544,717.24	15,140.63	1,559,857.86
NHCWRA - 2017 TWDB DSRF	912828D72	United States	08/31/2021	AA+	Aaa	1,444,054.67	1,472,316.95	4,966.85	1,444,644.75	1,470,447.90	7,370.17	1,477,818.07
NHCWRA - 2017 TWDB DSRF	3137EAEY1	Freddie Mac	10/16/2023	AA+	Aaa	1,494,335.23	1,494,408.57	78.13	1,494,492.63	1,496,099.06	234.38	1,496,333.43
NHCWRA - 2017 TWDB DSRF	912828T67	United States	10/31/2021	AA+	Aaa	1,692,594.89	1,718,526.60	58.70	1,693,207.68	1,717,464.10	1,819.75	1,719,283.85
NHCWRA - 2017 TWDB DSRF	---	---	03/28/2022	AA+	Aaa	20,731,997.96	20,991,985.49	88,047.27	20,769,140.86	21,009,279.59	76,742.07	21,086,021.66

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	31846V443	U.S. Bancorp	11/30/2020	AAA	Aaa	93,649.19	93,649.19	0.00	102,144.73	102,144.73	0.00	102,144.73
NHCWRA - 2015 TWDB DSRF	CCYUSD	---	11/30/2020	AAA	Aaa	3,125.47	3,125.47	0.00	0.48	0.48	0.00	0.48
NHCWRA - 2015 TWDB DSRF	9128285S5	United States	12/31/2020	AA+	Aaa	499,988.66	501,882.50	4,211.96	499,994.33	500,965.50	5,230.98	506,196.48
NHCWRA - 2015 TWDB DSRF	912828Z60	United States	01/31/2022	AA+	Aaa	549,729.09	558,421.60	1,911.18	549,746.65	557,970.60	2,527.68	560,498.28
NHCWRA - 2015 TWDB DSRF	9128283X6	United States	02/15/2021	AA+	Aaa	500,493.56	503,047.00	2,384.51	500,353.87	502,167.00	3,301.63	505,468.63
NHCWRA - 2015 TWDB DSRF	9128286V7	United States	05/31/2021	AA+	Aaa	526,173.98	531,029.10	4,694.16	526,009.01	530,331.90	30.65	530,362.55
NHCWRA - 2015 TWDB DSRF	3135G05G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	549,265.72	550,589.50	423.96	549,287.87	550,158.88	538.54	550,697.43
NHCWRA - 2015 TWDB DSRF	3135G0T78	Federal National Mortgage Association	10/05/2022	AA+	Aaa	413,674.81	414,048.58	577.78	413,090.59	413,417.07	1,244.44	414,661.51
NHCWRA - 2015 TWDB DSRF	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	501,474.94	501,918.47	57.29	501,425.79	502,228.40	213.54	502,441.94
NHCWRA - 2015 TWDB DSRF	912828T67	United States	10/31/2021	AA+	Aaa	497,822.03	505,449.00	17.27	498,002.26	505,136.50	535.22	505,671.72
NHCWRA - 2015 TWDB DSRF	---	---	02/04/2022	AA+	Aaa	4,135,397.45	4,163,160.40	14,278.10	4,140,055.57	4,164,521.06	13,622.69	4,178,143.75

NHCWRA 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
NHCWRA Improvement Fund	31846V443	U.S. Bancorp	11/30/2020	AAA	Aaa	483,271.57	483,271.57	0.00	585,816.18	585,816.18	0.00	585,816.18
NHCWRA Improvement Fund	CCYUSD	---	11/30/2020	AAA	Aaa	21,879.53	21,879.53	0.00	2.59	2.59	0.00	2.59
NHCWRA Improvement Fund	3133EJT74	Farm Credit System	11/15/2021	AA+	Aaa	3,003,334.34	3,090,437.73	42,191.67	3,003,073.65	3,084,980.67	4,066.67	3,089,047.34
NHCWRA Improvement Fund	3130A0EN6	Federal Home Loan Banks	12/10/2021	AA+	Aaa	2,957,533.17	3,038,608.21	33,218.23	2,956,985.01	3,031,947.67	40,285.94	3,072,233.60
NHCWRA Improvement Fund	9128285V8	United States	01/15/2022	AA+	Aaa	2,997,618.52	3,085,077.00	22,214.67	2,997,777.25	3,079,923.00	28,328.80	3,108,251.80
NHCWRA Improvement Fund	313378WG2	Federal Home Loan Banks	03/11/2022	AA+	Aaa	2,205,974.07	2,269,852.86	7,638.89	2,205,614.38	2,265,909.36	12,222.22	2,278,131.58
NHCWRA Improvement Fund	3135G0T45	Federal National Mortgage Association	04/05/2022	AA+	Aaa	2,252,050.27	2,304,818.30	3,046.88	2,251,932.88	2,302,346.39	6,562.50	2,308,908.89
NHCWRA Improvement Fund	912828XR6	United States	05/31/2022	AA+	Aaa	2,250,248.13	2,306,688.75	16,567.62	2,250,235.46	2,304,843.75	108.17	2,304,951.92
NHCWRA Improvement Fund	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	2,259,574.95	2,320,259.60	18,726.56	2,259,094.80	2,317,075.85	22,710.94	2,339,786.79
NHCWRA Improvement Fund	9128282S8	United States	08/31/2022	AA+	Aaa	2,251,441.58	2,310,293.25	6,262.09	2,251,377.10	2,308,095.00	9,292.13	2,317,387.13
NHCWRA Improvement Fund	9128287C8	United States	07/15/2022	AA+	Aaa	2,004,147.40	2,054,296.00	10,366.85	2,003,951.77	2,051,954.00	13,220.11	2,065,174.11
NHCWRA Improvement Fund	313380GJ0	Federal Home Loan Banks	09/09/2022	AA+	Aaa	1,514,785.93	1,549,984.79	4,333.33	1,514,132.61	1,548,090.69	6,833.33	1,554,924.02
NHCWRA Improvement Fund	912828YK0	United States	10/15/2022	AA+	Aaa	2,489,617.91	2,559,277.50	1,605.43	2,490,050.66	2,557,130.00	4,438.53	2,561,568.53
NHCWRA Improvement Fund	912828YW4	United States	12/15/2022	AA+	Aaa	2,497,842.08	2,577,245.00	15,428.62	2,497,923.88	2,575,097.50	18,758.54	2,593,856.04
NHCWRA Improvement Fund	912828U65	United States	11/30/2021	AA+	Aaa	2,252,155.12	2,288,848.50	16,567.62	2,251,993.23	2,286,913.50	108.17	2,287,021.67
NHCWRA Improvement Fund	912828A83	United States	12/31/2020	AA+	Aaa	2,997,251.25	3,010,692.00	24,008.15	2,998,625.62	3,005,487.00	29,816.58	3,035,303.58
NHCWRA Improvement Fund	3133ELKN3	Farm Credit System	01/28/2022	AA+	Aaa	2,600,421.10	2,644,103.10	10,410.83	2,600,393.65	2,642,554.28	13,769.17	2,656,323.44
NHCWRA Improvement Fund	3133ELGN8	Farm Credit System	10/13/2022	AA+	Aaa	2,256,268.56	2,311,878.76	1,800.00	2,256,006.27	2,309,598.43	4,800.00	2,314,398.43
NHCWRA Improvement Fund	9128283X6	United States	02/15/2021	AA+	Aaa	2,993,969.94	3,018,282.00	14,307.07	2,995,676.56	3,013,002.00	19,809.78	3,032,811.78
NHCWRA Improvement Fund	9128284B3	United States	03/15/2021	AA+	Aaa	3,396,901.50	3,428,155.40	10,484.12	3,397,595.19	3,422,579.40	17,176.11	3,439,755.51
NHCWRA Improvement Fund	3133EJLZ0	Farm Credit System	04/23/2021	AA+	Aaa	3,423,662.90	3,466,562.41	1,997.92	3,423,894.77	3,459,094.85	9,490.10	3,468,584.95
NHCWRA Improvement Fund	9128284T4	United States	06/15/2021	AA+	Aaa	2,993,495.23	3,046,056.00	29,907.79	2,994,344.69	3,041,016.00	36,362.70	3,077,378.70
NHCWRA Improvement Fund	3135G05G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	4,993,324.77	5,005,359.05	3,854.17	4,993,526.09	5,001,444.40	4,895.83	5,006,340.23
NHCWRA Improvement Fund	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	4,011,799.49	4,015,347.76	458.33	4,011,406.32	4,017,827.20	1,708.33	4,019,535.53
NHCWRA Improvement Fund	3130AJ7E3	Federal Home Loan Banks	02/17/2023	AA+	Aaa	4,617,248.62	4,619,385.81	12,718.75	4,613,091.68	4,616,543.88	17,875.00	4,634,418.88
NHCWRA Improvement Fund	3133EL3U6	Farm Credit System	02/10/2023	AA+	Aaa	3,496,532.66	3,499,165.08	1,382.50	3,496,657.72	3,500,518.32	1,907.50	3,502,425.82
NHCWRA Improvement Fund	912828RC6	United States	08/15/2021	AA+	Aaa	1,794,207.49	1,828,125.00	8,107.34	1,794,801.93	1,825,734.60	11,225.54	1,836,960.14
NHCWRA Improvement Fund	3137EAE54	Freddie Mac	06/26/2023	AA+	Aaa	3,999,146.21	4,001,495.80	3,472.22	3,999,172.69	4,004,003.12	4,305.56	4,008,308.68
NHCWRA Improvement Fund	313378JP7	Federal Home Loan Banks	09/10/2021	AA+	Aaa	2,012,648.99	2,038,220.52	6,729.17	2,011,430.68	2,034,977.12	10,687.50	2,045,664.62
NHCWRA Improvement Fund	3137EAEV7	Freddie Mac	08/24/2023	AA+	Aaa	4,500,777.10	4,499,526.11	2,187.50	4,500,754.68	4,501,375.65	3,125.00	4,504,500.65
NHCWRA Improvement Fund	3137EAEY1	Freddie Mac	10/16/2023	AA+	Aaa	2,988,670.45	2,988,817.14	156.25	2,988,985.26	2,992,198.11	468.75	2,992,666.86
NHCWRA Improvement Fund	912828T67	United States	10/31/2021	AA+	Aaa	2,986,932.17	3,032,694.00	103.59	2,988,013.55	3,030,819.00	3,211.33	3,034,030.33
NHCWRA Improvement Fund	912828T67	United States	10/31/2021	AA+	Aaa	497,822.03	505,449.00	17.27	498,002.26	505,136.50	535.22	505,671.72
NHCWRA Improvement Fund	---	---	06/05/2022	AA+	Aaa	88,002,555.03	89,220,153.51	330,271.41	88,082,341.04	89,224,035.99	358,106.05	89,582,142.05

NHCRWA Coverage Fund

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
NHCRWA Coverage Fund	31846V443	U.S. Bancorp	11/30/2020	AAAm	Aaa	150,205.74	150,205.74	0.00	151,320.82	151,320.82	0.00	151,320.82
NHCRWA Coverage Fund	CCYUSD	---	11/30/2020	AAA	Aaa	1,563.22	1,563.22	0.00	0.75	0.75	0.00	0.75
NHCRWA Coverage Fund	3137EADB2	Freddie Mac	01/13/2022	AA+	Aaa	327,149.71	333,604.46	2,315.63	327,005.11	333,183.38	2,958.85	336,142.24
NHCRWA Coverage Fund	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	276,170.27	283,587.28	2,288.80	276,111.59	283,198.16	2,775.78	285,973.94
NHCRWA Coverage Fund	9128286M7	United States	04/15/2022	AA+	Aaa	378,263.02	386,469.75	394.06	378,079.53	385,898.25	1,089.46	386,987.71
NHCRWA Coverage Fund	912828YK0	United States	10/15/2022	AA+	Aaa	323,650.33	332,706.08	208.71	323,706.58	332,426.90	577.01	333,003.91
NHCRWA Coverage Fund	912828YW4	United States	12/15/2022	AA+	Aaa	749,352.63	773,173.50	4,628.59	749,377.17	772,529.25	5,627.56	778,156.81
NHCRWA Coverage Fund	912828YK0	United States	10/15/2022	AA+	Aaa	324,303.68	332,706.08	208.71	324,332.73	332,426.90	577.01	333,003.91
NHCRWA Coverage Fund	3133ELKN3	Farm Credit System	01/28/2022	AA+	Aaa	400,064.78	406,785.09	1,601.67	400,060.56	406,546.81	2,118.33	408,665.15
NHCRWA Coverage Fund	9128284B3	United States	03/15/2021	AA+	Aaa	524,521.55	529,347.53	1,618.87	524,628.67	528,486.53	2,652.19	531,138.72
NHCRWA Coverage Fund	3133EJLZ0	Farm Credit System	04/23/2021	AA+	Aaa	549,785.28	556,674.26	320.83	549,822.52	555,475.09	1,523.96	556,999.04
NHCRWA Coverage Fund	912828WR7	United States	06/30/2021	AA+	Aaa	473,951.82	481,271.43	3,401.15	474,079.51	480,640.63	4,224.01	484,864.64
NHCRWA Coverage Fund	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	752,212.40	752,877.71	85.94	752,138.68	753,342.60	320.31	753,662.91
NHCRWA Coverage Fund	3135G05G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	748,998.72	750,803.86	578.13	749,028.91	750,216.66	734.38	750,951.04
NHCRWA Coverage Fund	3137EAES4	Freddie Mac	06/26/2023	AA+	Aaa	649,861.26	650,243.07	564.24	649,865.56	650,650.51	699.65	651,350.16
NHCRWA Coverage Fund	912828F6	United States	08/31/2021	AA+	Aaa	497,009.41	504,101.50	963.40	497,306.80	503,828.00	1,429.56	505,257.56
NHCRWA Coverage Fund	3137EAEV7	Freddie Mac	08/24/2023	AA+	Aaa	750,129.52	749,921.02	364.58	750,125.78	750,229.28	520.83	750,750.11
NHCRWA Coverage Fund	3133ELGR0	Farm Credit System	09/09/2022	AA+	Aaa	749,788.83	749,573.75	162.50	749,798.26	749,650.28	256.25	749,906.53
NHCRWA Coverage Fund	912828T67	United States	10/31/2021	AA+	Aaa	248,911.01	252,724.50	8.63	249,001.13	252,568.25	267.61	252,835.86
NHCRWA Coverage Fund	---	---	07/20/2022	AA+	Aaa	8,875,893.19	8,978,339.80	19,714.42	8,875,790.67	8,972,619.03	28,352.76	9,000,971.80

NHCRWA 2014 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
NHCRWA 2014 DSRF	31846V443	U.S. Bancorp	11/30/2020	AAAm	Aaa	83,302.14	83,302.14	0.00	695,000.51	695,000.51	0.00	695,000.51
NHCRWA 2014 DSRF	CCYUSD	---	11/30/2020	AAA	Aaa	0.40	0.40	0.00	0.51	0.51	0.00	0.51
NHCRWA 2014 DSRF	3137EADB2	Freddie Mac	01/13/2022	AA+	Aaa	226,488.26	230,956.94	1,603.13	226,388.16	230,665.42	2,048.44	232,713.86
NHCRWA 2014 DSRF	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	200,851.11	206,245.30	1,664.58	200,808.43	205,962.30	2,018.75	207,981.05
NHCRWA 2014 DSRF	9128286M7	United States	04/15/2022	AA+	Aaa	302,610.42	309,175.80	315.25	302,463.63	308,718.60	871.57	309,590.17
NHCRWA 2014 DSRF	9128285Q9	United States	11/30/2020	AA+	Aaa	600,036.29	601,197.00	6,942.62	0.00	0.00	0.00	0.00
NHCRWA 2014 DSRF	912828YW4	United States	12/15/2022	AA+	Aaa	349,697.89	360,814.30	2,160.01	349,709.34	360,513.65	2,626.20	363,139.85
NHCRWA 2014 DSRF	912828A83	United States	12/31/2020	AA+	Aaa	289,906.57	291,033.56	2,320.79	289,953.29	290,530.41	2,882.27	293,412.68
NHCRWA 2014 DSRF	9128282S8	United States	08/31/2022	AA+	Aaa	175,466.28	179,689.48	487.05	175,445.40	179,518.50	722.72	180,241.22
NHCRWA 2014 DSRF	3133ELKN3	Farm Credit System	01/28/2022	AA+	Aaa	300,048.59	305,088.82	1,201.25	300,045.42	304,910.11	1,588.75	306,498.86
NHCRWA 2014 DSRF	9128284B3	United States	03/15/2021	AA+	Aaa	324,703.82	327,691.33	1,002.16	324,770.13	327,158.33	1,641.83	328,800.16
NHCRWA 2014 DSRF	3133EJLZ0	Farm Credit System	04/23/2021	AA+	Aaa	349,863.36	354,247.25	204.17	349,887.06	353,484.15	969.79	354,453.94
NHCRWA 2014 DSRF	912828WR7	United States	06/30/2021	AA+	Aaa	299,337.99	303,960.90	2,148.10	299,418.64	303,562.50	2,667.80	306,230.30
NHCRWA 2014 DSRF	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	300,884.96	301,151.08	34.38	300,855.47	301,337.04	128.13	301,465.17
NHCRWA 2014 DSRF	3135G05G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	349,532.73	350,375.13	269.79	349,546.83	350,101.11	342.71	350,443.82
NHCRWA 2014 DSRF	3137EAES4	Freddie Mac	06/26/2023	AA+	Aaa	549,882.60	550,205.67	477.43	549,886.25	550,550.43	592.01	551,142.44
NHCRWA 2014 DSRF	9128282F6	United States	08/31/2021	AA+	Aaa	273,355.18	277,255.83	529.87	273,518.74	277,105.40	786.26	277,891.66
NHCRWA 2014 DSRF	912828YT1	United States	11/30/2021	AA+	Aaa	507,399.19	507,265.50	3,155.74	506,837.62	506,875.00	20.60	506,895.60
NHCRWA 2014 DSRF	3137EAEV7	Freddie Mac	08/24/2023	AA+	Aaa	500,086.34	499,947.35	243.06	500,083.85	500,152.85	347.22	500,500.07
NHCRWA 2014 DSRF	---	---	03/25/2022	AA+	Aaa	5,983,454.13	6,039,603.76	24,759.36	5,994,619.26	6,046,146.80	20,255.04	6,066,401.85

NHCRWA 2013 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 2013 DSRF	31846V443	U.S. Bancorp	11/30/2020	AAAm	Aaa	59,252.15	59,252.15	0.00	60,385.71	60,385.71	0.00	60,385.71
NHCRWA 2013 DSRF	CCYUSD	---	11/30/2020	AAA	Aaa	1,562.76	1,562.76	0.00	0.30	0.30	0.00	0.30
NHCRWA 2013 DSRF	3137EADB2	Freddie Mac	01/13/2022	AA+	Aaa	528,472.60	538,899.52	3,740.63	528,239.03	538,219.31	4,779.69	542,999.00
NHCRWA 2013 DSRF	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	326,383.05	335,148.61	2,704.95	326,313.69	334,688.73	3,280.47	337,969.20
NHCRWA 2013 DSRF	9128286M7	United States	04/15/2022	AA+	Aaa	453,915.63	463,763.70	472.87	453,695.44	463,077.90	1,307.35	464,385.25
NHCRWA 2013 DSRF	912828YK0	United States	10/15/2022	AA+	Aaa	323,650.33	332,706.08	208.71	323,706.58	332,426.90	577.01	333,003.91
NHCRWA 2013 DSRF	912828YW4	United States	12/15/2022	AA+	Aaa	549,525.25	566,993.90	3,394.30	549,543.25	566,521.45	4,126.88	570,648.33
NHCRWA 2013 DSRF	9128282S8	United States	08/31/2022	AA+	Aaa	250,666.11	256,699.25	695.79	250,636.29	256,455.00	1,032.46	257,487.46
NHCRWA 2013 DSRF	3133ELKN3	Farm Credit System	01/28/2022	AA+	Aaa	500,080.98	508,481.37	2,002.08	500,075.70	508,183.52	2,647.92	510,831.43
NHCRWA 2013 DSRF	9128284B3	United States	03/15/2021	AA+	Aaa	449,589.90	453,726.45	1,387.60	449,681.72	452,988.45	2,273.31	455,261.76
NHCRWA 2013 DSRF	3133EJLZ0	Farm Credit System	04/23/2021	AA+	Aaa	449,824.32	455,460.75	262.50	449,854.79	454,479.62	1,246.88	455,726.49
NHCRWA 2013 DSRF	912828WR7	United States	06/30/2021	AA+	Aaa	523,841.49	531,931.58	3,759.17	523,982.62	531,234.38	4,668.65	535,903.02
NHCRWA 2013 DSRF	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	601,769.92	602,302.16	68.75	601,710.95	602,674.08	256.25	602,930.33
NHCRWA 2013 DSRF	3135G05G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	599,198.97	600,643.09	462.50	599,223.13	600,173.33	587.50	600,760.83
NHCRWA 2013 DSRF	3137EAE54	Freddie Mac	06/26/2023	AA+	Aaa	524,887.94	525,196.32	455.73	524,891.42	525,525.41	565.10	526,090.51
NHCRWA 2013 DSRF	912828W9	United States	09/30/2022	AA+	Aaa	774,858.61	774,579.75	1,236.26	773,788.29	773,701.50	2,395.26	776,096.76
NHCRWA 2013 DSRF	3137EAEV7	Freddie Mac	08/24/2023	AA+	Aaa	750,129.52	749,921.02	364.58	750,125.78	750,229.28	520.83	750,750.11
NHCRWA 2013 DSRF	912828F21	United States	09/30/2021	AA+	Aaa	572,682.96	585,332.18	1,074.18	572,890.87	584,658.28	2,081.22	586,739.49
NHCRWA 2013 DSRF	912828T67	United States	10/31/2021	AA+	Aaa	248,911.01	252,724.50	8.63	249,001.13	252,568.25	267.61	252,835.86
NHCRWA 2013 DSRF	---	---	07/06/2022	AA+	Aaa	8,489,203.52	8,595,325.12	22,299.23	8,487,746.68	8,588,191.38	32,614.37	8,620,805.75

NHCRWA 2008 DSRF

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NHCRWA 2008 DSRF	31846V443	U.S. Bancorp	11/30/2020	AAAm	Aaa	227,030.28	227,030.28	0.00	1,003,280.96	1,003,280.96	0.00	1,003,280.96
NHCRWA 2008 DSRF	CCYUSD	---	11/30/2020	AAA	Aaa	6,251.07	6,251.07	0.00	1.30	1.30	0.00	1.30
NHCRWA 2008 DSRF	3133EJIT74	Farm Credit System	11/15/2021	AA+	Aaa	700,778.01	721,102.14	9,844.72	700,717.18	719,828.82	948.89	720,777.71
NHCRWA 2008 DSRF	3137EADB2	Freddie Mac	01/13/2022	AA+	Aaa	1,207,937.38	1,231,770.32	8,550.00	1,207,403.50	1,230,215.57	10,925.00	1,241,140.57
NHCRWA 2008 DSRF	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	853,617.20	876,542.52	7,074.48	853,435.81	875,339.77	8,579.69	883,919.45
NHCRWA 2008 DSRF	9128286M7	United States	04/15/2022	AA+	Aaa	706,090.97	721,410.20	735.58	705,748.46	720,343.40	2,033.65	722,377.05
NHCRWA 2008 DSRF	912828YK0	United States	10/15/2022	AA+	Aaa	572,612.12	588,633.83	369.25	572,711.65	588,139.90	1,020.86	589,160.76
NHCRWA 2008 DSRF	9128285Q9	United States	11/30/2020	AA+	Aaa	450,027.22	450,897.75	5,206.97	0.00	0.00	0.00	0.00
NHCRWA 2008 DSRF	912828U81	United States	11/30/2020	AA+	Aaa	300,035.88	300,598.50	3,471.31	0.00	0.00	0.00	0.00
NHCRWA 2008 DSRF	912828U81	United States	12/31/2021	AA+	Aaa	752,812.53	766,083.75	5,054.35	752,617.50	765,264.00	6,277.17	771,541.17
NHCRWA 2008 DSRF	912828YW4	United States	12/15/2022	AA+	Aaa	749,352.63	773,173.50	4,628.59	749,377.17	772,529.25	5,627.56	778,156.81
NHCRWA 2008 DSRF	9128282S8	United States	08/31/2022	AA+	Aaa	526,398.84	539,068.43	1,461.15	526,336.21	538,555.50	2,168.16	540,723.66
NHCRWA 2008 DSRF	3133ELKN3	Farm Credit System	01/28/2022	AA+	Aaa	750,121.47	762,722.05	3,003.13	750,113.55	762,275.27	3,971.88	766,247.15
NHCRWA 2008 DSRF	3133EJXV6	Farm Credit System	02/23/2021	AA+	Aaa	624,912.03	630,157.35	3,187.50	624,935.18	628,699.50	4,593.75	633,293.25
NHCRWA 2008 DSRF	9128284B3	United States	03/15/2021	AA+	Aaa	974,111.46	983,073.98	3,006.47	974,310.39	981,474.98	4,925.50	986,400.48
NHCRWA 2008 DSRF	3133EJLZ0	Farm Credit System	04/23/2021	AA+	Aaa	974,619.37	986,831.63	568.75	974,685.37	984,705.83	2,701.56	987,407.40
NHCRWA 2008 DSRF	912828WR7	United States	06/30/2021	AA+	Aaa	848,124.32	861,222.55	6,086.28	848,352.81	860,093.75	7,558.76	867,652.51
NHCRWA 2008 DSRF	3135G05G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	1,248,331.19	1,251,339.76	963.54	1,248,381.52	1,250,361.10	1,223.96	1,251,585.06
NHCRWA 2008 DSRF	3135G0T78	Federal National Mortgage Association	10/05/2022	AA+	Aaa	1,034,187.04	1,035,121.44	1,444.44	1,032,726.47	1,033,542.67	3,111.11	1,036,653.78
NHCRWA 2008 DSRF	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	1,253,687.34	1,254,796.18	143.23	1,253,564.47	1,255,571.00	533.85	1,256,104.85
NHCRWA 2008 DSRF	3137EAE54	Freddie Mac	06/26/2023	AA+	Aaa	749,839.91	750,280.46	651.04	749,844.88	750,750.59	807.29	751,557.88
NHCRWA 2008 DSRF	9128282F6	United States	08/31/2021	AA+	Aaa	497,009.41	504,101.50	963.40	497,306.80	503,828.00	1,429.56	505,257.56
NHCRWA 2008 DSRF	9128282W9	United States	09/30/2022	AA+	Aaa	1,033,144.82	1,032,773.00	1,648.35	1,031,717.72	1,031,602.00	3,193.68	1,034,795.68
NHCRWA 2008 DSRF	3137EAEV7	Freddie Mac	08/24/2023	AA+	Aaa	1,500,259.03	1,499,842.04	729.17	1,500,251.56	1,500,458.55	1,041.67	1,501,500.22
NHCRWA 2008 DSRF	912828T67	United States	10/31/2021	AA+	Aaa	995,644.06	1,010,898.00	34.53	996,004.52	1,010,273.00	1,070.44	1,011,343.44
NHCRWA 2008 DSRF	---	---	05/09/2022	AA+	Aaa	19,536,935.58	19,765,722.21	68,826.22	19,553,825.00	19,767,134.70	73,744.01	19,840,878.71

NHCRWA 2008 Capital Contributi

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 2008 Capital Contributi	31846V443	U.S. Bancorp	11/30/2020	AAAm	Aaa	179,576.97	179,576.97	0.00	2,188,726.19	2,188,726.19	0.00	2,188,726.19
NHCRWA 2008 Capital Contributi	CCYUSD	---	11/30/2020	AAA	Aaa	2,017,507.35	2,017,507.35	0.00	1.75	1.75	0.00	1.75
NHCRWA 2008 Capital Contributi	912828M98	United States	11/30/2020	AA+	Aaa	2,000,006.40	2,002,270.00	13,674.86	0.00	0.00	0.00	0.00
NHCRWA 2008 Capital Contributi	912828N48	United States	12/31/2020	AA+	Aaa	2,000,269.38	2,005,126.00	11,793.48	2,000,134.69	2,002,640.00	14,646.74	2,017,286.74
NHCRWA 2008 Capital Contributi	9128285X4	United States	01/31/2021	AA+	Aaa	2,004,104.98	2,011,436.00	12,635.87	2,002,751.69	2,007,818.00	16,711.96	2,024,529.96
NHCRWA 2008 Capital Contributi	9128286D7	United States	02/28/2021	AA+	Aaa	2,507,958.95	2,519,335.00	10,704.42	2,505,952.50	2,514,432.50	15,883.98	2,530,316.48
NHCRWA 2008 Capital Contributi	912828R77	United States	05/31/2021	AA+	Aaa	2,014,236.45	2,014,532.00	11,571.04	2,012,222.72	2,012,968.00	75.55	2,013,043.55
NHCRWA 2008 Capital Contributi	9127962Q1	United States	04/22/2021	AA+	Aaa	1,998,624.96	1,999,032.00	0.00	1,998,864.79	1,999,280.00	0.00	1,999,280.00
NHCRWA 2008 Capital Contributi	9127963H0	United States	06/17/2021	AA+	Aaa	1,998,157.00	1,998,708.00	0.00	1,998,399.50	1,999,092.00	0.00	1,999,092.00
NHCRWA 2008 Capital Contributi	9127962F5	United States	03/25/2021	AA+	Aaa	1,998,864.80	1,999,246.00	0.00	1,999,101.30	1,999,406.00	0.00	1,999,406.00
NHCRWA 2008 Capital Contributi	9127963S6	United States	07/15/2021	AA+	Aaa	1,997,866.66	1,998,512.00	0.00	1,998,116.66	1,998,918.00	0.00	1,998,918.00
NHCRWA 2008 Capital Contributi	9127964B2	United States	08/12/2021	AA+	Aaa	1,998,027.77	1,998,350.00	0.00	1,998,236.11	1,998,760.00	0.00	1,998,760.00
NHCRWA 2008 Capital Contributi	9128285A4	United States	09/15/2021	AA+	Aaa	2,250,221.79	2,249,757.40	7,854.97	2,245,440.47	2,245,375.00	12,868.78	2,258,243.78
NHCRWA 2008 Capital Contributi	9128285F3	United States	10/15/2021	AA+	Aaa	2,052,180.51	2,051,718.00	2,685.44	2,047,670.83	2,048,282.00	7,424.45	2,055,706.45
NHCRWA 2008 Capital Contributi	912828RR3	United States	11/15/2021	AA+	Aaa	0.00	0.00	0.00	2,035,456.51	2,036,094.00	1,767.96	2,037,861.96
NHCRWA 2008 Capital Contributi	---	---	05/22/2021	AA+	Aaa	27,017,603.98	27,045,106.72	70,920.08	27,031,075.71	27,051,793.44	69,379.41	27,121,172.85

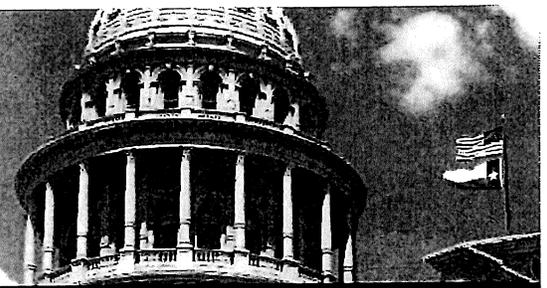
Summary

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
---	---	---	03/29/2022	AA+	Aaa	223,742,699.82	226,252,014.46	801,861.90	223,972,985.26	226,306,300.19	817,981.26	227,124,281.45

\* Grouped by: Account

\* Groups Sorted by: Account

\* Weighted by: Ending Market Value + Accrued



# Monthly Newsletter: December 2020

## ANNOUNCEMENTS

We welcome the following entities who joined TexPool in November 2020:

### TexPool

Reeves County ESD 1  
Reeves County ESD 2  
Williamson County MUD 31

### TexPool Prime

Grand Parkway Transportation Corp/US Bank TTEE  
Reeves County ESD 1  
Reeves County ESD 2

### Upcoming Events

Jan 25, 2021 – Jan 27, 2021,  
TASA Midwinter Conference  
Virtual Conference

Feb 15, 2021 – Feb 19, 2021,  
TASBO Annual Conference  
Hybrid Conference

Feb 22, 2021 – Feb 23, 2021,  
GTOT Winter Seminar  
Virtual Conference

### TexPool Advisory Board Members

David Garcia	Jerry Dale
Patrick Krishock	David Landeros
Belinda Weaver	Sharon Matthews
Deborah Lauderdale	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: Fighting the Fed

December 1, 2020

The stakes are high, but it was hard to resist eating popcorn while watching the Federal Reserve and the federal government square off last month.

The main card featured Treasury Secretary Steven Mnuchin, who informed the Fed that the Treasury Department would let most of the emergency lending facilities expire at the end of the year. Hours after that news, the Fed issued a rare public rebuke of the administration, arguing that the programs provide crucial support for an economy still struggling to recover.

The fisticuffs concerned the more prominent—and politically charged—special purpose vehicles (SPVs) including the Main Street Lending Program and the Municipal Liquidity Facility. In contrast, the Treasury seems to understand the importance of the Commercial Paper Funding Facility and the Money Market Liquidity Facility and actually asked the Fed to extend them through March 31, 2021. Even though these SPVs have seen little use since last March, their mere existence has instilled confidence in the liquidity sector.

Underlying the conflict was the frustration Fed policymakers have felt about the government's inability to provide additional fiscal stimulus. Their position that the lack

(continued page 6)

### Performance as of November 30, 2020

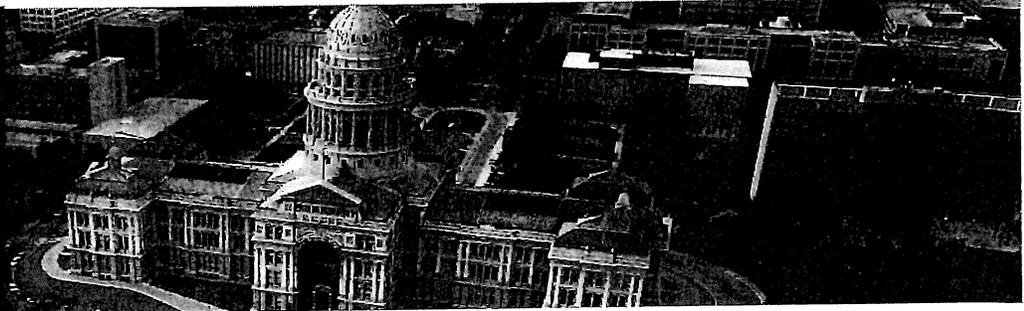
	TexPool	TexPool Prime
Current Invested Balance	\$21,302,765,954.70	\$8,195,787,664.39
Weighted Average Maturity**	32	48
Weighted Average Life**	102	63
Net Asset Value	1.00024	1.00005
Total Number of Participants	2636	435
Management Fee on Invested Balance	0.0450%	0.0550%
Interest Distributed	\$2,179,536.47	\$1,101,776.91
Management Fee Collected	\$713,342.16	\$337,810.44
Standard & Poor's Current Rating	AAAm	AAAm
<b>Month Averages</b>		
Average Invested Balance	\$21,515,900,069.43	\$8,245,511,797.54
Average Monthly Rate*	0.12%	0.16%
Average Weighted Average Maturity**	36	51
Average Weighted Average Life**	104	65

\*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**  
**NOVEMBER**  
**2020**



**PERFORMANCE**

**As of November 30, 2020**

Current Invested Balance	\$8,910,228,194.78
Weighted Average Maturity (1)	43 Days
Weighted Average Maturity(2)	99 Days
Net Asset Value	1.000188
Total Number of Participants	933
Management Fee on Invested Balance	0.06%*
Interest Distributed	\$1,129,149.21
Management Fee Collected	\$438,350.97
% of Portfolio Invested Beyond 1 Year	7.59%
Standard & Poor's Current Rating	AAAm

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

**November Averages**

Average Invested Balance	\$8,912,834,273.85
Average Monthly Yield, on a simple basis	0.0944%
Average Weighted Maturity (1)*	46 Days
Average Weighted Life (2)*	104 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 the Christmas holiday, **TexSTAR will be closed Friday, December 25, 2020.** All ACH transactions initiated on Thursday, December 24th will settle on Monday, December 28th.

In observance of the New Year's Day holiday, **TexSTAR will be closed Friday, January 1, 2021.** All ACH transactions initiated on Thursday, December 31st will settle on Monday, January 4th.

Notification of any early transaction deadlines on the business day preceding the 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**

November was a positive month as encouraging news on vaccine developments, the formal start of U.S. President-elect Joe Biden's transition to the White House, and his nomination of former Federal Reserve (Fed) Chair Janet Yellen as the new Treasury Secretary buoyed markets, eclipsed new lockdown measures amid surging virus cases and hospitalizations. Attention now turns to how quickly these vaccines can be approved, manufactured, distributed and administered on a mass scale. In any event, the path to recovery remains challenging, particularly as virus cases are expected to further increase during the holiday season, putting additional stress on the health care system. The U.S. presidential election passed without much impact on markets. We expect Joe Biden to take a more diplomatic approach to foreign policy matters, with less focus on tariff measures and also expect greater focus on climate change initiatives. What still remains to be seen, however, is the fate of the Senate. Our base case is for the Republicans to win at least one of these seats, which would hand them control over the Senate and limit the scope for sizeable fiscal stimulus packages and corporate tax increases. Strong October readings on wholesale and retail inventories, durable goods orders and real consumer spending suggest considerable momentum entering 4Q20, possibly resulting in better than 5% real GDP growth. However, the surging pandemic could mean slower growth at the end of the quarter and into 1Q21. The unemployment rate fell to 6.9% and the economy has now regained 54% of the 22 million jobs lost between February and April but the pace of progress has slowed considerably. On the monetary policy front, the federal funds target rate remained unchanged at a range of 0.00%–0.25%. The Federal Open Market Committee (FOMC) will also maintain its current pace of asset purchases of \$120 billion per month. Fed Chairman Powell stated that both monetary and fiscal policy have played critical roles in combating the effects of the pandemic and will continue to do so under the next administration. U.S. Treasury Secretary Mnuchin announced that several of its emergency lending programs will expire at the end of the year and that unused funds be returned to the Treasury.

*(continued page 4)*

**Member Securities and Safekeeping Services Joint Custody Receipt**

**21563 - North Harris County Regional Water Authority  
3648 CYPRESS CREEK PKWY, STE 110  
HOUSTON, TX 770683609**

As of 11/27/2020



DEC 1 2020 AM 11

Acct.	Pledgor	FHLBTCD ReferenceNumber	Cusip	Description	Interest Rate	Maturity Date	Amount Pledged	Current Principal	Last Update	Market Value	Market Price
4435	Zions Bancorporation, National Association		36179Q3Y5	GOVT NAT MTG ASSN II	2.7500	2/20/2045	7,835,000.00	725,432.39	11/27/2020	748,000.59	103.111
4435	Zions Bancorporation, National Association		36179R3D9	GOVT NAT MTG ASSN II	3.0000	3/20/2031	2,160,000.00	723,242.89	11/27/2020	758,689.02	104.901
4435	Zions Bancorporation, National Association		36179RJU4	GOVT NAT MTG ASSN II	2.0000	7/20/2045	78,360,000.00	7,717,855.84	11/27/2020	7,966,447.98	103.221
4435	Zions Bancorporation, National Association		36179RTM1	GOVT NAT MTG ASSN II	3.0000	11/20/2045	16,600,000.00	2,679,981.85	11/27/2020	2,764,856.88	103.167
4435	Zions Bancorporation, National Association		36179SBF3	GOVT NAT MTG ASSN II	2.5000	5/20/2031	8,430,000.00	3,362,670.86	11/27/2020	3,498,388.25	104.036
4435	Zions Bancorporation, National Association		36179SRL3	GOVT NAT MTG ASSN II	3.0000	11/20/2046	21,700,000.00	3,736,430.34	11/27/2020	3,852,969.60	103.119
4435	Zions Bancorporation, National Association		36179STB3	GOVT NAT MTG ASSN II	3.0000	12/20/2046	19,000,000.00	3,293,202.74	11/27/2020	3,395,786.01	103.115
4435	Zions Bancorporation, National Association		36179SU88	GOVT NAT MTG ASSN II	2.5000	1/20/2047	6,800,000.00	2,279,065.02	11/27/2020	2,335,243.97	102.465
4435	Zions Bancorporation, National Association		36179SZE0	GOVT NAT MTG ASSN II	3.0000	3/20/2047	1,600,000.00	372,610.54	11/27/2020	385,502.87	103.460
4435	Zions Bancorporation, National Association		36179T2P9	GOVT NAT MTG ASSN II	2.5000	6/20/2048	4,530,000.00	1,245,004.59	11/27/2020	1,288,579.75	103.500
4435	Zions Bancorporation, National Association		36179TDL6	GOVT NAT MTG ASSN II	1.6250	7/20/2047	3,550,000.00	1,115,192.56	11/27/2020	1,148,235.72	102.963
4435	Zions Bancorporation, National Association		36179TFL4	GOVT NAT MTG ASSN II	1.6250	8/20/2047	27,080,000.00	7,803,617.87	11/27/2020	8,039,365.17	103.021
4435	Zions Bancorporation, National Association		36179TKK0	GOVT NAT MTG ASSN II	2.0000	10/20/2047	4,900,000.00	1,622,465.31	11/27/2020	1,670,879.68	102.984
4435	Zions Bancorporation, National Association		36179TMB8	GOVT NAT MTG ASSN II	2.0000	11/20/2047	1,900,000.00	736,021.24	11/27/2020	757,844.27	102.965
4435	Zions Bancorporation, National Association		36179TPB5	GOVT NAT MTG ASSN II	2.0000	12/20/2047	1,410,000.00	591,507.66	11/27/2020	609,099.10	102.974
4435	Zions Bancorporation, National Association		36179TS30	GOVT NAT MTG ASSN II	2.5000	2/20/2048	1,985,000.00	975,983.69	11/27/2020	1,011,763.25	103.666
4435	Zions Bancorporation, National Association		36179TUV5	GOVT NAT MTG ASSN II	2.5000	3/20/2048	725,000.00	287,179.88	11/27/2020	297,162.25	103.476

Market Values are provided as a courtesy. The Federal Home Loan Bank does not warrant the accuracy of the market value(s).

**Member Securities and Safekeeping Services Joint Custody Receipt**

21563 - North Harris County Regional Water Authority  
 3648 CYPRESS CREEK PKWY, STE 110  
 HOUSTON, TX 770683609

As of 11/27/2020



Acct.	Pledgor	FHLB TCD Reference Number	Cusip	Description	Interest Rate	Maturity Date	Amount Pledged	Current Principal	Last Update	Market Value	Market Price
4435	Zions Bancorporation, National Association		36179UAH5	GOVT NAT MTG ASSN II	3.0000	8/20/2048	22,725,000.00	11,700,872.30	11/27/2020	12,148,547.67	103.826
4435	Zions Bancorporation, National Association		36179UEM0	GOVT NAT MTG ASSN II	3.5000	9/20/2048	9,080,000.00	3,450,745.13	11/27/2020	3,588,602.40	103.995
4435	Zions Bancorporation, National Association		36179UGQ9	GOVT NAT MTG ASSN II	3.5000	11/20/2048	11,465,798.00	4,619,093.84	11/27/2020	4,803,949.98	104.002
4435	Zions Bancorporation, National Association		36179ULA8	GOVT NAT MTG ASSN II	3.0000	1/20/2049	7,885,000.00	4,149,719.61	11/27/2020	4,320,480.58	104.115
* Member			# of Securities:		21	Amount Totals:	259,720,798.00	63,187,896.15		65,390,394.99	
** Agency			# of Securities:		21	Amount Totals:	259,720,798.00	63,187,896.15		65,390,394.99	

**NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY**  
**Actual General Operating Budget Comparison**  
**Fiscal Year Ending DECEMBER 31, 2020**

	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL REVENUES & EXPENSES	11 months Budget Comparison	2020 ADOPTED BUDGET	OVER (UNDER) BUDGET	
<b>Receipts</b>																	
Cost of Water	7,406,406	6,820,249	6,722,418	8,166,569	6,616,105	11,952,282	9,176,852	16,036,980	11,814,952	17,130,498	9,810,204	0	111,853,514	97,250,695	106,091,667	14,402,820	
Water Sales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Interest Earned	1,399,693	1,397,324	1,169,145	638,984	252,076	163,790	123,394	98,607	67,087	51,921	39,360	0	5,401,381	4,583,333	5,000,000	818,048	
<b>Total Receipts</b>	<b>8,806,099</b>	<b>8,217,573</b>	<b>7,891,563</b>	<b>8,805,553</b>	<b>6,868,181</b>	<b>12,116,071</b>	<b>9,300,246</b>	<b>16,135,587</b>	<b>11,882,039</b>	<b>17,182,419</b>	<b>9,849,564</b>	<b>0</b>	<b>117,054,896</b>	<b>101,834,028</b>	<b>111,091,667</b>	<b>15,220,868</b>	
<b>Disbursements &amp; Expenses</b>																	
Interest Expense	0	0	0	0	0	27,500,105	0	0	0	0	0	0	27,500,105	66,536,786	72,585,585	(39,036,681)	
Water Purchase	863,004	817,953	1,047,613	1,047,548	1,363,128	1,342,960	1,325,830	1,480,610	841,733	719,145	717,287	0	11,666,812	0	0	0	
Operations & Maintenance	(115,106)	47,824	141,789	352,194	174,067	283,422	470,867	94,272	50,605	297,506	156,070	0	1,933,609	21,615,917	23,581,000	(8,115,496)	
Financial Advisory/Audit Expenses	0	0	0	0	0	0	0	0	0	0	0	0	44,500	59,583	65,000	(15,083)	
Public Trust Advisors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GMS Group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
McGrath & Co. - Auditors	0	0	0	44,500	0	0	0	0	0	0	0	0	44,500	0	0	0	
<b>Engineering Expenses (non CIP related)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>45,833</b>	<b>50,000</b>	<b>(45,833)</b>	
<b>Legal Expenses</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>237,931</b>	<b>264,458</b>	<b>288,500</b>	<b>(26,527)</b>
Radcliffe Bobbitt Adams Polley	18,658	17,574	12,493	17,699	8,876	16,062	20,428	22,157	27,763	29,146	24,360	0	215,213	0	0	0	
Kemp Smith	0	0	0	0	0	0	0	0	0	0	22,719	0	22,719	0	0	0	
Lobbyist	0	0	0	0	0	0	0	0	0	0	0	0	0	118,167	120,542	131,500	(1,375)
Steve Bresnen	10,833	10,833	10,833	10,833	10,833	10,833	10,833	10,833	10,833	10,833	10,833	0	119,167	0	0	0	
<b>Public Relations</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>173,897</b>	<b>357,860</b>	<b>390,393</b>	<b>(183,964)</b>
Barbara Payne (Contract)	6,670	6,670	6,670	6,670	6,670	6,670	6,670	6,670	6,670	6,670	6,630	0	73,330	0	0	0	
Technology Transfer Project - WBIMS	8,628	4,314	4,314	4,314	4,314	4,414	4,314	4,314	4,314	4,314	4,314	0	51,868	0	0	0	
Water Conservation	0	1,097	1,612	1,000	500	500	500	1,737	500	23,280	500	0	31,226	0	0	0	
Public Education	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Web Page	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Professional services	0	0	183	0	0	0	0	0	0	0	0	0	0	0	0	183	
Office Expenses (including postage)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Printing	10,174	0	6,634	0	0	0	0	411	0	0	71	0	17,290	0	0	0	
<b>Professional Services</b>	<b>1,800</b>	<b>1,200</b>	<b>1,650</b>	<b>1,650</b>	<b>2,100</b>	<b>1,200</b>	<b>1,200</b>	<b>2,100</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>0</b>	<b>16,500</b>	<b>2,855,266</b>	<b>3,114,836</b>	<b>(1,279,510)</b>	
Directors Fees	1,895	1,715	3,198	1,838	1,868	1,796	1,804	1,850	1,788	1,787	1,779	0	21,295	0	0	0	
Payroll Taxes (Director/staff)	20,243	19,323	20,173	20,241	20,356	20,173	18,760	16,015	12,167	11,145	9,339	0	187,335	0	0	0	
Contribution to 401A/457	25,853	25,853	25,853	25,853	25,853	25,853	25,853	25,853	25,853	25,853	25,853	0	284,385	0	0	0	
General Manager	90,320	85,242	91,686	92,200	91,173	91,686	92,200	91,173	92,200	92,135	91,558	0	1,001,574	0	0	0	
Administrative Support (salary)	13,225	1,275	0	0	0	1,163	0	8,413	413	3,825	0	0	28,313	0	0	0	
Contract/Temporary Services	2,788	5,030	5,046	3,814	2,581	2,600	3,139	2,728	2,602	2,669	2,758	0	35,755	0	0	0	
Travel and reimbursements	13,545	13,633	13,545	13,545	13,545	14,565	14,314	15,400	14,565	1,269	14,314	0	142,238	0	0	0	
Lease Space	1,542	1,683	0	0	0	0	0	0	0	2,148	0	0	5,953	0	0	0	
Purchase costs (furniture, computer)	24,775	51,634	50,938	57,308	104,983	63,304	64,980	63,009	68,235	62,230	57,798	0	669,933	0	0	0	
Utilities	3,028	3,417	1,430	2,240	710	1,512	9,630	2,278	773	3,183	3,558	0	31,958	0	0	0	
Office Expenses (including postage)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Misc Expenses</b>	<b>284</b>	<b>4,018</b>	<b>414</b>	<b>70</b>	<b>40</b>	<b>1,825</b>	<b>0</b>	<b>1,320</b>	<b>70</b>	<b>1,645</b>	<b>2,045</b>	<b>0</b>	<b>11,741</b>	<b>68,750</b>	<b>75,000</b>	<b>1,394,643</b>	
Membership Fees	2,995	445	3,210	0	-575	375	229	-375	405	50	50	0	6,809	0	0	0	
Seminars/Training (conferences, etc.)	0	0	0	0	0	0	9,250	0	0	0	0	0	9,250	0	0	0	
Redistricting/Mapping	0	0	0	0	0	0	0	0	38,016	579,800	0	0	617,616	0	0	0	
Permit Fees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Election Expenses	0	0	0	0	0	0	0	509,407	0	0	0	0	509,407	0	0	0	
Other Misc. Expenses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Insurance (directors & employees)	15,913	15,913	15,913	15,913	15,913	144,471	17,213	17,642	16,727	16,477	16,477	0	308,570	0	0	0	
<b>Total Disbursements</b>	<b>1,021,077</b>	<b>1,136,744</b>	<b>1,465,184</b>	<b>1,719,430</b>	<b>1,846,925</b>	<b>29,515,769</b>	<b>2,098,213</b>	<b>2,377,818</b>	<b>1,217,432</b>	<b>1,896,111</b>	<b>1,169,509</b>	<b>0</b>	<b>45,464,211</b>	<b>92,401,663</b>	<b>100,801,814</b>	<b>(46,937,452)</b>	
<b>2019 Capital Improvement Plan</b>																	
<b>Acquisition</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>75</b>	<b>800</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>225</b>	<b>0</b>	<b>0</b>	<b>2,196,648</b>	<b>3,271,583</b>	<b>3,569,000</b>	<b>(1,074,935)</b>	
Courthouse Specialists	0	0	0	0	0	0	0	0	0	0	0	0	1,100	0	0	0	
PSA Property Acquisition Services	37,030	104,367	78,348	137,887	100,367	108,232	95,187	175,702	155,435	102,013	84,982	0	1,179,569	0	0	0	
Universal Field Services	28,222	63,943	213,632	123,805	69,445	79,926	49,355	169,435	129,538	2,522	86,157	0	1,015,960	0	0	0	
<b>Design</b>	<b>253,678</b>	<b>265,098</b>	<b>365,134</b>	<b>316,173</b>	<b>345,731</b>	<b>379,255</b>	<b>288,011</b>	<b>360,703</b>	<b>583,323</b>	<b>425,899</b>	<b>377,425</b>	<b>0</b>	<b>3,960,428</b>	<b>19,022,667</b>	<b>20,752,000</b>	<b>(2,485,105)</b>	
AECOM USA Group, Inc.	0	0	0	0	0	0	0	0	0	0	0	0	3,853	0	0	0	
Aviles Engineering Corporation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Acclaim Energy, LTD	0	0	0	0	0	0	0	0	20,625	23,681	0	0	44,306	0	0	0	
Aurora Technical Services, LLC	323,144	404,002	378,451	247,020	192,862	115,932	86,266	51,850	119,553	143,190	313,670	0	2,375,939	0	0	0	
Binkley & Barfield, Inc.	172,518	89,221	195,590	103,308	249,152	2,084	86,355	2,781	13,376	120,726	115,573	0	1,150,782	0	0	0	
Carroll	20,645	0	39,361	11,074	0	0	15,473	19,198	13,497	32,646	135,072	0	286,975	0	0	0	
Arcadis	116,841	85,929	150,226	67,347	65,865	70,766	32,379	47,954	36,441	0	0	0	673,748	0	0	0	
KIT Professionals, Inc.	29,865	12,251	6,527	0	0	0	0	0	0	61,407	0	0	110,050	0	0	0	
Corpro, Inc.	0	165	0	0	0	0	0	0	0	0	0	0	165	0	0	0	
Dannenbaum Engineering	216,681	325,499	823,495	670,699	690,196	536,413	439,794	489,987	170,146	130,763	175,271	0	4,668,945	0	0	0	
LJA Engineering	4,425	24,135	20,110	0	22,481	0	0	0	0	43,333	0	0	114,485	0	0	0	
Jacobs Engineering Group Inc	0	23,547	0	0	0	0	0	0	0	0	0	0	23,547	0	0	0	
Kinley Horn & Associates	0	0	9,812	0	208,580	129,737	66,306	32,475	0	99,574	47,273	0	593,557	0	0	0	
Freesse & Nichols	64,197	17,700	51,310	65,937	66,612	50,516	50,516	6,568	99,567	47,044	47,044	0	567,012	0	0	0	
Jones & Carter	1,045	1,835	1,511	14,460	11,992	3,844	3,939	1,409	9,450	151,571	205,839	0	406,895	0	0	0</	

<b>NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY OPERATING BUDGET PLANNING REPORT FISCAL YEAR 2020</b>			
	<b>PROJECTED TOTAL</b>	<b>ORIGINAL BUDGET</b>	<b>PROPOSED BUDGET</b>
	<b>2019</b>	<b>2019</b>	<b>2020</b>
<b>REVENUES</b>			
Surface Water and Groundwater Revenues	\$ 96,905,622	\$ 96,087,500	\$ 106,091,667
Interest Earned	\$ 18,196,717	\$ 1,500,000	\$ 5,000,000
<b>TOTAL REVENUES</b>	<b>\$ 115,102,339</b>	<b>\$ 97,587,500</b>	<b>\$ 111,091,667</b>
<b>EXPENSES</b>			
DEBT SERVICE EXPENSE & RESERVES	\$ 61,755,743	\$ 61,755,743	\$ 72,585,585
<b>O&amp;M EXPENSES:</b>			
OPERATIONS & MAINTENANCE	\$ 17,881,472	\$ 23,070,000	\$ 23,581,000
<b>TOTAL O&amp;M</b>	<b>\$ 17,881,472</b>	<b>\$ 23,070,000</b>	<b>\$ 23,581,000</b>
<b>ADMINISTRATIVE EXPENSES:</b>			
FINANCIAL SERVICES	\$ 60,700	\$ 60,000	\$ 65,000
ENGINEERING SERVICES	\$ 43,375	\$ 50,000	\$ 50,000
LEGAL SERVICES	\$ 271,876	\$ 298,000	\$ 288,500
LEGISLATIVE CONSULTANT	\$ 130,000	\$ 131,500	\$ 131,500
COMMUNICATION SERVICES	\$ 380,465	\$ 387,468	\$ 390,393
MANAGEMENT SERVICES	\$ 2,360,096	\$ 2,789,011	\$ 3,114,836
MISCELLANEOUS SERVICES	\$ 5,000	\$ 260,000	\$ 520,000
CAPITAL OUTLAY	\$ 69,220	\$ 75,000	\$ 75,000
<b>TOTAL ADMINISTRATIVE</b>	<b>\$ 3,320,732</b>	<b>\$ 4,050,979</b>	<b>\$ 4,635,229</b>
<b>TOTAL EXPENSES</b>	<b>\$ 82,957,947</b>	<b>\$ 88,876,722</b>	<b>\$ 100,801,814</b>
<b>NET REVENUES OVER (UNDER) EXPENSES</b>	<b>\$ 32,144,391</b>	<b>\$ 5,807,327</b>	<b>\$ 10,289,853</b>
<b>BEGINNING FUND BALANCE</b>	<b>\$ 190,516,038</b>	<b>\$ 161,684,922</b>	<b>\$ 222,660,429</b>
<b>BUDGETED ENDING FUND BALANCE</b>	<b>\$ 222,660,429</b>	<b>\$ 167,492,249</b>	<b>\$ 232,950,282</b>

# North Harris County Regional Water Authority

Check/Voucher Register

**1110 - Cash in Bank - Amegy Operating acct**

From 11/1/2020 Through 11/30/2020

Check Date	Check Number	Vendor Name	Check Amount
11/2/2020	7039	KELLY P. FESSLER	372.66
11/2/2020	7040	JAMES PULLIAM	165.02
11/2/2020	7041	ALAN J. RENDL	591.35
11/2/2020	7042	LENOX SIGLER	138.52
11/2/2020	7043	AECOM USA GROUP INC.	10,878.30
11/2/2020	7044	BLUE CROSS OF TEXAS	10,658.91
11/2/2020	7045	BRESNENASSOCIATES, INC.	10,833.33
11/2/2020	7046	CONSTELLATION NEW ENERGY, INC.	58,256.39
11/2/2020	7047	HARRIS-GALVESTON SUBSIDENCE DISTRICT	579,600.00
11/2/2020	7048	CITY OF HOUSTON UTILITY CUSTOMER SERVICE	4,479.94
11/2/2020	7049	CITY OF HOUSTON UTILITY CUSTOMER SERVICE	837,253.31
11/2/2020	7050	INFRAMARK LLC	117,989.78
11/2/2020	7051	PAYNE COMMUNICATIONS	6,670.00
11/2/2020	7052	RADCLIFFE BOBBITT ADAMS POLLEY PLLC	29,146.20
11/2/2020	7053	TRISON PROPERTIES	1,268.88
11/3/2020	EFTPS11/03/2020	INTERNAL REVENUE SERVICE	183.62
11/13/2020	401W11/13/2020	VANTAGEPOINT TRANSFER AGENTS - 401	2,688.28
11/13/2020	401X11/13/2020	VANTAGEPOINT TRANSFER AGENTS - 401	3,719.06
11/13/2020	457W11/13/2020	VANTAGEPOINT TRANSFER AGENTS - 457	3,527.68
11/13/2020	EFTPS11/13/2020	INTERNAL REVENUE SERVICE	12,571.14
11/13/2020	FSA11/13/2020	CLARITY BENEFIT SOLUTIONS	189.17
11/23/2020	7054	BRESNENASSOCIATES, INC.	10,833.33
11/30/2020	401W11/30/2020	VANTAGEPOINT TRANSFER AGENTS - 401	2,688.28
11/30/2020	401X11/30/2020	VANTAGEPOINT TRANSFER AGENTS - 401	3,719.06
11/30/2020	457W11/30/2020	VANTAGEPOINT TRANSFER AGENTS - 457	3,467.68
11/30/2020	EFTPS11/30/2020	INTERNAL REVENUE SERVICE	12,578.34
11/30/2020	FSA11/30/2020	CLARITY BENEFIT SOLUTIONS	189.17
Total 1110 - Cash in Bank - Amegy Operating acct			1,724,657.40

# North Harris County Regional Water Authority

Check/Voucher Register

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

From 11/1/2020 Through 11/30/2020

Check Date	Check Number	Vendor Name	Check Amount
11/2/2020	8727	ACCLAIM ENERGY, LTD	20,625.00
11/2/2020	8728	AECOM USA GROUP INC.	618,760.08
11/2/2020	8729	ARCADIS	36,440.88
11/2/2020	8730	AURORA TECHNICAL SERVICES, LLC	119,553.14
11/2/2020	8731	BINKLEY & BARFIELD, INC.	13,375.50
11/2/2020	8732	CAROLLO	13,496.62
11/2/2020	8733	CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC	186,470.00
11/2/2020	8734	ENVERUS	225.00
11/2/2020	8735	DANNENBAUM ENGINEERING CORPORATION	170,145.53
11/2/2020	8736	E. P. BRADY, INC.	651,712.47
11/2/2020	8737	FREESE AND NICHOLS	99,567.36
11/2/2020	8738	JONES & CARTER, INC.	9,449.50
11/2/2020	8740	PAS PROPERTY ACQUISITION SERVICES, LLC	155,434.50
11/2/2020	8741	UNIVERSAL FIELD SERVICES, INC.	129,538.26
11/2/2020	8742	V&A CONSULTING ENGINEERS INC	46,247.05
11/9/2020	8743	MCFARLAND PLLC FBO LIBERTY PROPERTY LP	30,000.00
11/10/2020	8744	HARRIS COUNTY M.U.D. 406	3,000.00
11/12/2020	8745	REBECCA LYNN CLARK	20,416.59
11/12/2020	8746	M.E. FLORENCE INVESTMENT COMPANY, LTD.	61,250.00
11/12/2020	8747	ANN E. MCCARTHY	20,416.59
11/12/2020	8748	BARBARA PARKER MCCOY	20,416.59
11/12/2020	8749	EMILY MULKEY	769.79
11/12/2020	8750	THE PARKER FAMILY TRUST	10,834.39
11/12/2020	8751	GARY PARKER	15,120.67
11/12/2020	8752	MARTHA J. PARKER	15,120.67
11/12/2020	8753	SUSAN A. PARKER	15,120.67
11/17/2020	8754	JOHN M. PARKER	4,286.52
11/23/2020	8755	TEXAS LOAN STAR TITLE, LLC	103,841.04
11/30/2020	8756	THE FLORENCE FOUNDATION	30,625.00
11/30/2020	8757	FULTZ & FULTZ, PLLC	16,184.00
11/30/2020	8758	HELEN LEFKOWITZ WINEBURGH ESTATE	30,624.03
		Total 1115 - Cash in Bank - Amegy Cap Proj 2003	2,669,067.44

## North Harris County Regional Water Authority

Check/Voucher Register

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

From 11/1/2020 Through 11/30/2020

Check Date	Check Number	Vendor Name	Check Amount
11/10/2020	18072	AMEGY BANK OF TEXAS	3,015.00
11/10/2020	18073	AT&T	381.41
11/10/2020	18074	AT&T	43.05
11/10/2020	18075	ASSOCIATION OF WATER BOARD DIRECTORS	50.00
11/10/2020	18076	CENTERPOINT ENERGY	17.55
11/10/2020	18077	CLARITY BENEFIT SOLUTIONS	47.50
11/10/2020	18078	GFOAT	80.00
11/10/2020	18079	MIDDLEMAN MESSENGER	143.75
11/10/2020	18080	QUILL	262.43
11/10/2020	18081	RICOH USA, INC.	1,086.13
11/10/2020	18082	TEXAS BOARD OF PROFESSIONAL ENGINEERS	40.00
11/10/2020	18083	TEXAS WATER CONSERVATION ASSOCIATION	1,000.00
11/24/2020	18084	AT&T	2,574.41
11/24/2020	18085	AT&T	383.48
11/24/2020	18086	AT&T	154.53
11/24/2020	18087	AT&T	425.34
11/24/2020	18088	AT&T MOBILITY	173.82
11/24/2020	18089	ASSOCIATION OF WATER BOARD DIRECTORS	675.00
11/24/2020	18090	CAVALLO ENERGY TEXAS LLC	15.17
11/24/2020	18091	COMCAST	135.76
11/24/2020	18092	EDP	500.00
11/24/2020	18093	HAMLET HOVSEPIAN	320.00
11/24/2020	18094	HARRIS COUNTY MUD 217	47.50
11/24/2020	18095	ICMA RETIREMENT CORPORATION	250.00
11/24/2020	18096	JUN CHANG	558.48
11/24/2020	18097	JIMMIE SCHINDEWOLF	1,225.00
11/24/2020	18098	LONE STAR QUICKPRINT	70.50
11/24/2020	18099	MARK EVANS	520.00
11/24/2020	18100	MIDDLEMAN MESSENGER	35.00
11/24/2020	18101	NAPCO CHEMICAL COMPANY	4,892.10
11/24/2020	18102	PERSONALIZED COMMUNICATIONS, INC.	205.57
11/24/2020	18103	QUILL	101.41
11/24/2020	18104	SHOWRI NANDAGIRI	200.00
11/24/2020	18105	TOMBALL AREA CHAMBER OF COMMERCE	250.00
11/24/2020	18106	THE TEXAS NETWORK	2,899.00
11/24/2020	18107	THE TEXAS NETWORK	1,415.00
11/30/2020	NOV 2020 GUARD	GUARDIAN	4,562.30
		Total 1120 - Cash in Bank - Amegy Admin. Expense	28,756.19

# North Harris County Regional Water Authority

Check/Voucher Register

## 1501 - Construction Fund 2015 - TexPool Prime

From 11/1/2020 Through 11/30/2020

<u>Check Date</u>	<u>Check Number</u>	<u>Vendor Name</u>	<u>Check Amount</u>
11/13/2020	CD15C11/13/2020	CITY OF HOUSTON	1,275,881.05
		Total 1501 - Construction Fund 2015 - TexPool Prime	1,275,881.05
Report Total			5,698,362.08