

A scenic winter landscape featuring a wooden cabin on a snow-covered hill, with a path leading through the snow towards it. In the background, there are snow-capped mountains under a clear blue sky. The title "NHCRWA SPECIAL MEETING" is overlaid in a blue box at the top.

# **NHCRWA SPECIAL MEETING**

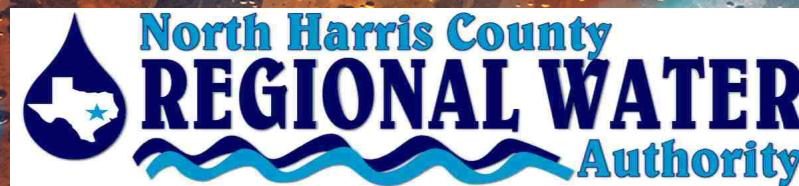
- **Call to Order;**
- **Public hearing on proposed increases in Authority rates and fees to be effective April 1,2021;**
- **Adjourn.**





# COST OF WATER

## UPDATE TO THE PRICING POLICY





# Recommended Cost of Water Rates

- **Effective April 1, 2021**
- **Groundwater -- \$4.60/1000 gallons**
- **Surface water -- \$5.05/1000 gallons**
- **The \$0.35 increase is consistent with last year's guidance**





# **What Does the Revenue Pay For?**

**2025 Surface Water Conversion ~ 60% Surface Water**

- **Capital Related Costs**
  - **Approximately 78% of the Authority's annual cash out flow**
  - **Need to raise rates in advance of selling Bonds to satisfy Additional Bonds Test and to avoid big upward spike in rates**



# **What Does the Revenue Pay For? (Continued)**

**2025 Surface Water Conversion ~ 60% Surface Water**

- **Cost of Water from City of Houston**
  - Approximately 13% of Authority's annual cash out flow
  - Increases as we use more surface water
- **Operating Costs**
  - Approximately 9% of Authority's annual cash out flow
  - **O&M Costs**
  - **Administrative Costs**



# **Why is the rate increase necessary?**

## **Capital Related Costs**

- **\$1.6 billion of Bonds sold 2015 – 2022**
- **Pre 2015 Debt Service \$30 million per year**
- **We are now working towards Debt Service of \$121 million per year**
- **Series 2015 Bonds – Series 2022 Bonds**
  - **Northeast Plant** **\$768 million**
  - **NETL** **\$340 million**
  - **Authority Facilities** **\$474 million**
- **Steps to minimize annual Debt Service**
  - **TWDB SWIRFT Bonds**
  - **Refundings (3)**



- 
- A close-up photograph of a circular, aged parchment or leather surface. The texture is highly irregular, with numerous scratches, stains, and areas of discoloration in shades of tan, brown, and cream. Faint, dark lines are visible, forming concentric circles and radial segments that suggest a scale or measurement system, possibly a clock face or a decorative plate. The overall appearance is that of an antique or weathered object.



# **Why Is The Rate Increase Necessary?**

## **Operating Costs**

- **Operating costs represent 9% of Authority's annual cash out flow**
- **O&M costs represent 5% of Authority's annual cash out flow**
- **Administrative costs represent 4% of Authority's annual cash out flow**





# IN SUMMARY

- Rate increase effective April 1, 2021
- Increase Rates by \$0.35 per 1,000 gallons
  - Groundwater goes from \$4.25 to \$4.60
  - Surface water goes from \$4.70 to \$5.05
- Rate increase will generate an additional \$8.5 million of revenue
- We are keeping our rates as low as we can for as long as we can
- We are not setting ourselves up for a big rate increase in future years
- The increase is consistent with our \$0.40 – \$0.50 guidance for the past 5 years
- Guidance is still \$0.35 - \$0.45 for future year's increases



# NHCRWA Board Meeting

## December 7, 2020





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







## **BUDGET MATTERS:**

- **Adopt proposed budget for the fiscal year ending December 31, 2021;**





## **BUDGET MATTERS:**

- **Adopt proposed budget for the fiscal year ending December 31, 2021;**
- **Adopt proposed 2021-2022 Capital Improvement Plan and adopt Resolution Approving and Implementing the 2021-2022 Capital Improvement Plan;**





## **BUDGET MATTERS:**

- **Adopt proposed budget for the fiscal year ending December 31, 2021;**
- **Adopt proposed 2021-2022 Capital Improvement Plan and adopt Resolution Approving and Implementing the 2021-2022 Capital Improvement Plan;**
- **Adopt Updated Pricing Policy regarding increases in Authority rates and fees to be effective April 1, 2021;**



**Making the transition from  
real time, print education and  
outreach programs to  
virtual video formats...**





Al Rendl has two  
VIRTUAL presentations  
on Wednesday...

NEW presentation  
available for MUDs  
and HOAs







# GENERAL MANAGER'S REPORT

- Update on Texas Water Development Board ("TWDB") SWIFT funding;





**“Securing a long term, reliable supply  
of wholesale drinking water for  
North Harris County.”**







# 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 November Spears Road Regional Pump Station delivered surface water at an average daily rate of approximately 28.5 MGD.
- Alternative water usage during October was approximately 32.3% as compared to approximately 30.8% in September.
- During October approximately 77.3% 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. To Advertise for Construction Bids soon.
- ▼ • 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 Regional PS Package 1. **Advertised for Construction bid 10/30/2020. Bids due 12/15/2020**
- ★ • 24C – SH249 Regional PS Package 2. **Advertised for Construction bid 11/20/2020. Bid due 12/17/2020**
- ★ • 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. **Advertised for Construction bid 11/20/2020. Bids due 12/15/2020**
- ★ • 25D - 84-inch Transmission. **Bids received 11/17/2020. GM Action Item No. 2 to Award to Harper Bros. \$33,733,550.50**
- ★ • 25E – 36-inch Interconnect. 75% submittal in review. ROW Acquisition underway.
- ★ • 2-8 – Spears Road Regional Pump Station Upgrade. 75% Final Design submittal in review.
- ★ • 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

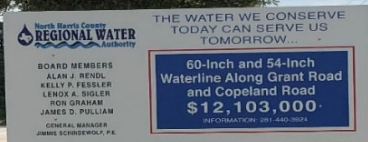
1 Routing Study  
and Preliminary  
Engineering

1 On-Hold (6B-3R)



## Project 28B:

- 1<sup>st</sup> tunneling crew has finished installing 275LF of 78-inch tunnel casing along Copeland Drive.
- 2<sup>nd</sup> tunneling crew has finished installing 489LF of 72-inch tunnel casing along Grant Road.
- Open-Cut crew working to connect two tunnels along Copeland Drive installing 60-inch WL.
- Delivery of first sticks of pipe arrived on site Mid-November with deliveries continuing on schedule.







**Project 28B 60-inch WL in 78-inch Tunnel**



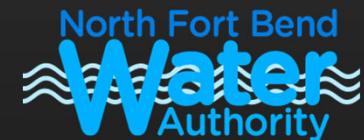


**Project 28B 60-inch WL along Copeland Dr.**



# 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**





**Trinity River Intake**





**CRPS 2200HP Motor**



# 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

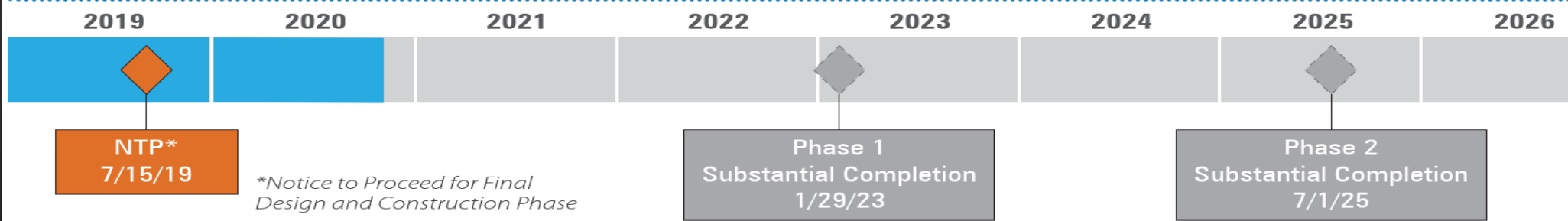
Approx. \$230 million. In construction. Includes marine works in Lake Houston.



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

















## SCHEDULE STATUS



## KEY PERFORMANCE INDICATORS (KPI)

Status through October 2020

KPI	Description	Target	Status	Trend (from last update)	Notes
Phase 1 Completion	Phase 1 (80 MGD) Substantial Completion date	Jan 29, 2023			Current schedule shows available float is significantly reduced; target date adjusted due to tropical storm Imelda.
Phase 2 Completion	Phase 2 (240 MGD) Substantial Completion date	July 1, 2025			Current schedule shows available float is significantly reduced; target date adjusted due to tropical storm Imelda.
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			3,026M hours to date. 5 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 Solids Building**





**NEWPP Expansion Project**



# Northeast Transmission Line (“NETL”)

- Two (2) 108-inch lines (0126 & 0156) & the 54-inch interconnect (0127) is Complete.
- Construction of the 120-inch section of line (0174) is Complete.
- Construction of seven (7) sections of the 108-inch line (0154,0155,0157,0165,0140, 0164 and 0168) is ongoing.
- Real estate acquisition efforts continue on several sections of the line.
- Proposals were received for a 108-inch section (0167) on May 7<sup>th</sup> . NTP anticipated 12/8/2020.
- Proposals were received for a 66-inch section (0166) on May 14<sup>th</sup> . Anticipated award in December.
- Estimated Total Project Costs for all 13 segments (Construction, Design, Real Estate, etc.) ~ \$461.43 million
- Estimated completion of final segment is October 2022.

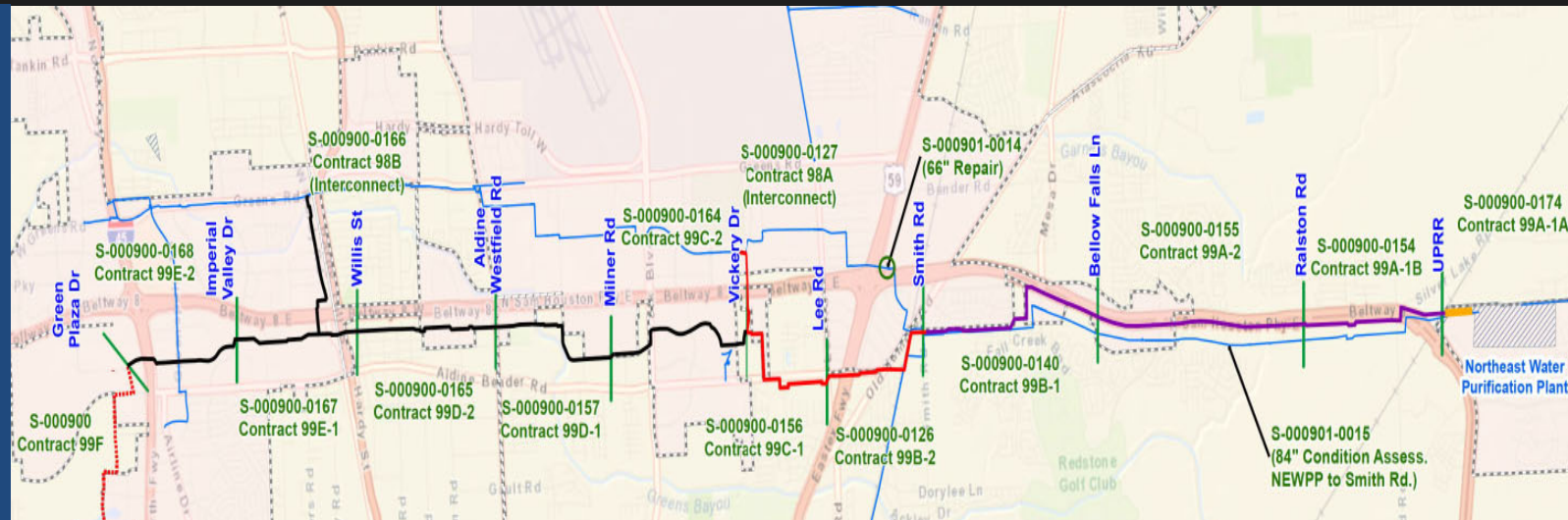
**Approx. 16.5 miles**

**1 - 120 inch**

**10 – 108 inch**

**1 – 66 in. interconnect**

**1 – 54 inch interconnect**





# Questions ?



# ATTORNEY'S REPORT

- Approve eminent domain reporting compliance pursuant to Texas Government Code, Section 2206.151-157, as amended;



# APPROVAL OF MINUTES





# OCTOBER Financial Report





# Financial Report Summary

As of October 31, 2020:

Total Enterprise Fund Balance:

**\$1,192,745,830.06**

CAPITAL FUNDS	\$	710,652,008.44
INTEREST & SINKING AND DEBT SERVICE RESERVES	\$	177,413,128.29
COVERAGE AND IMPROVEMENT FUNDS	\$	242,014,276.83
OPERATING FUNDS	\$	62,666,416.50
<b>ENTERPRISE FUND BALANCE</b>	<b>\$</b>	<b>1,192,745,830.06</b>

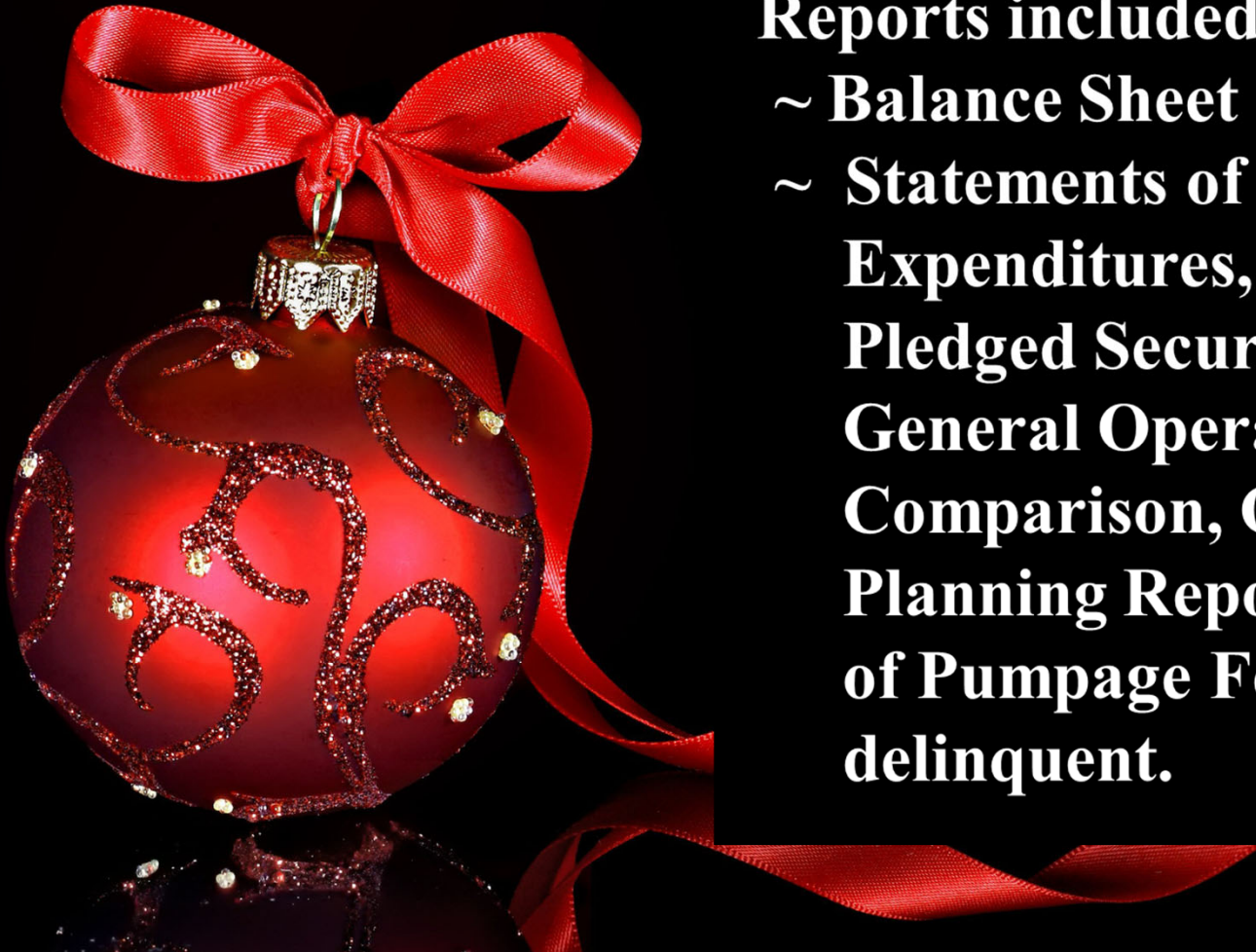




# Financial Report Summary

**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

- **Overview of updated Water Conservation Plan and adopt Resolution Adopting Updated Water Conservation Plan;**





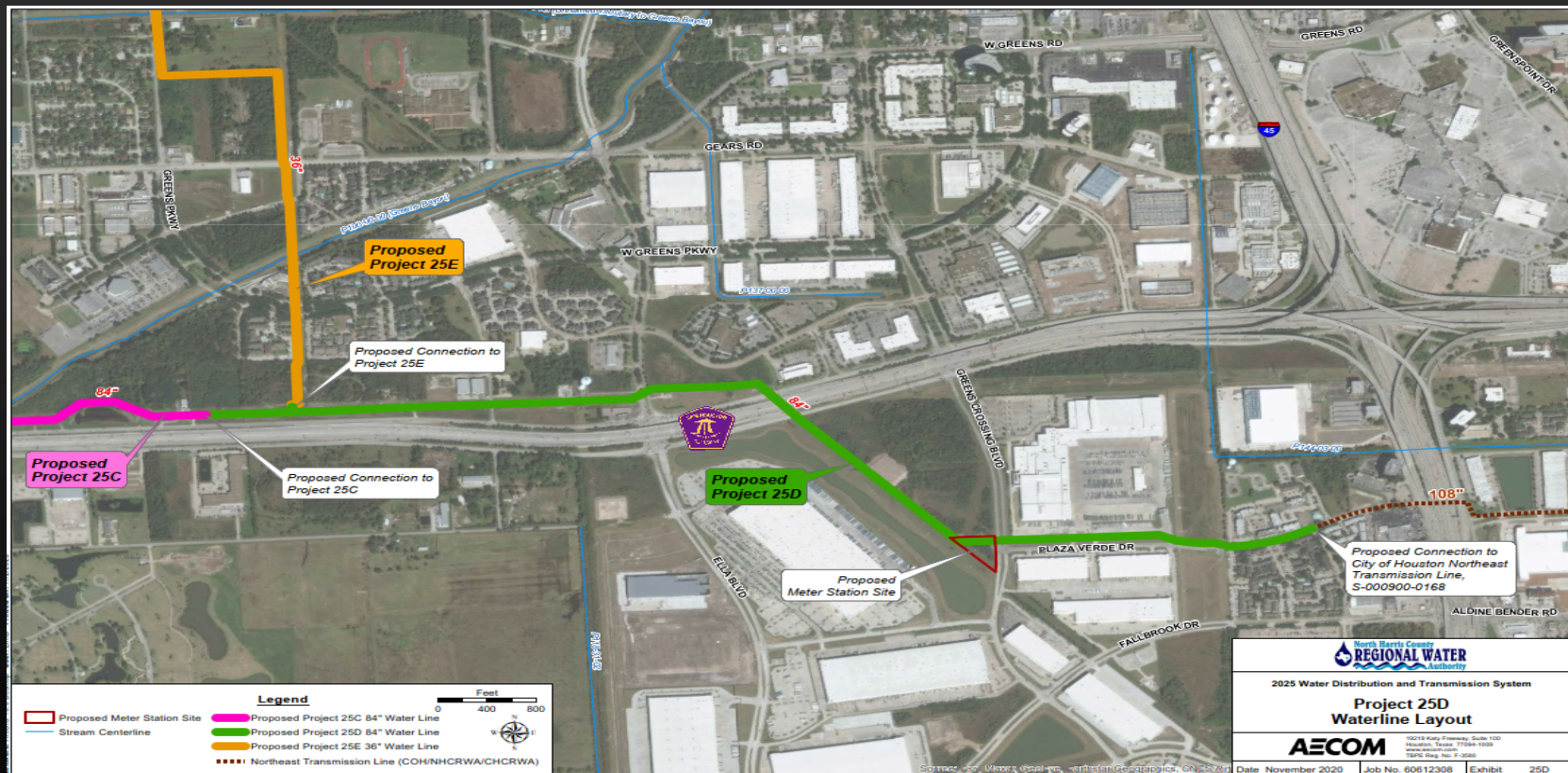
# **GENERAL MANAGER'S ACTION ITEMS**

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





- Project 25D ~ 9,865 LF of 84-inch Water Line along Plaza Verde Drive and CenterPoint Energy Northbelt Corridor Including Meter Station





## General Manager's Action Item # 2

- Project 25D ~ 9,865 LF of 84-inch Water Line along Plaza Verde Drive and CenterPoint Energy Northbelt Corridor Including Meter Station
- Project advertised on 10 / 23 / 2020. Prebid Conference on 11 / 05 / 2020.
- Bid opening 11 / 17 / 2020 at 2pm
- 5 Bids received ranging from \$33,733,550.50 to \$42,836,154
- ***Recommendation is to award to the low bidder, Harper Brothers Construction in the amount of \$33,733,550.50, after receipt of approval from the Texas Water Development Board. Contract duration is 480 days for substantial completion.***



# GENERAL MANAGER'S ACTION ITEMS

- **Approve 2021 holiday schedule;**





**Approve and authorize  
execution of  
General Manager's  
Employment Agreement  
with Jun Chang;**






## **Supplemental Notice of Public Meeting**

# **ELECTION AGENDA:**

- **Qualification of Directors;**
- **Administration of Oaths of Office;**
- **Authorize remainder of payment to Harris County for joint election costs.**





- 
- **Confirm next regular meeting date on Monday, January 4, 2021, at 6:00 p.m.**



# PUBLIC COMMENTS





Please use water



y! You never  
know  
when a  
friend  
will need



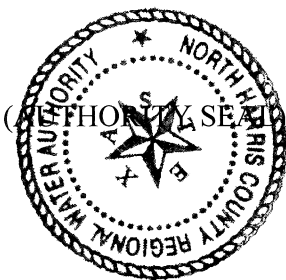
## AGENDA NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY

The Board of Directors of the North Harris County Regional Water Authority (the "Authority") will hold a special meeting on **Monday, December 7, 2020, at 6:00 p.m., by Zoom** teleconference and/or videoconference; **REGISTRATION IS REQUIRED** and may be done at <https://zoom.us/meeting/register/tJYtc-qoqDMuE9lTTjo5ixq94aQlqAJaksda> 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:

1. Call to Order;
2. Public hearing on proposed increases in Authority rates and fees to be effective April 1, 2021; and
3. 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 1<sup>st</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



**\*As a result of the current COVID-19 virus epidemic emergency, the convening at one location of a quorum of the Board is difficult or impossible. Therefore, the Board will conduct this meeting by teleconference and/or videoconference rather than by physical quorum pursuant to guidance of the Governor of the State of Texas. Members of the public are entitled to participate and address the Board during the meeting. In all respects, this meeting will be open to the public and compliant with applicable law and guidance of the Governor of the State of Texas. Please register for the meeting at <https://zoom.us/meeting/register/tJYtc-qoqDMuE91TTjo5ixq94aQIqAJaksda> and a telephone number to join via teleconference, a link to join via videoconference, and a password to access the conference will be provided. An electronic copy of the agenda packet can be found at: <https://www.nhcrwa.com/meetings/>.**



**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, December 7, 2020, at 6:15 p.m., by Zoom** teleconference and/or videoconference; **REGISTRATION IS REQUIRED** and may be done at <https://zoom.us/meeting/register/tJYtc-qoqDMuE91TTjo5ixq94aQIqAJaksda> 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. **BUDGET MATTERS:**
  - 1. Adopt proposed budget for the fiscal year ending December 31, 2021;
  - 2. Adopt proposed 2021-2022 Capital Improvement Plan and adopt Resolution Approving and Implementing the 2021-2022 Capital Improvement Plan;
  - 3. Adopt Updated Pricing Policy regarding increases in Authority rates and fees to be effective April 1, 2021;
- E. **REPORTS:**
  - 1. Report on status of activities by communications/public information consultant;
  - 2. General Manager's Report, including:
    - a. update on Texas Water Development Board ("TWDB") SWIFT funding;
    - b. report on miscellaneous administrative matters, including correspondence received from constituents of the Authority;
    - c. update on status of Surface Water Conversion Program; and
    - d. update on 2010-2025 Water Distribution and Transmission System;
  - 3. Program Manager's Report;
  - 4. Attorney's Report, including:
    - a. approve eminent domain reporting compliance pursuant to Texas Government Code, Section 2206.151-157, as amended;
- F. **REGULAR AGENDA:**
  - 1. Approval of minutes of the November 2, 2020 regular meeting;



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;
- G. General Manager's action items, including:
1. Overview of updated Water Conservation Plan and adopt Resolution Adopting Updated Water Conservation Plan;
  2. Award of contract for construction of Project 25D and authorize execution of same, subject to receipt of TWDB approval;
  3. Approve 2021 holiday schedule;
- H. Approve and authorize execution of General Manager's Employment Agreement with Jun Chang;
- I. **SUPPLEMENTAL NOTICE OF PUBLIC MEETING;**
- J. Confirm next **regular meeting date on Monday, January 4, 2021, at 6:00 p.m.;**
- K. Public Comments (15 minutes); and
- L. Adjourn.

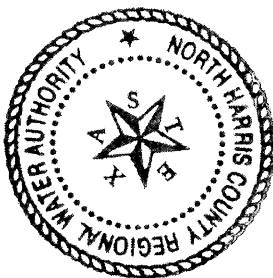
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EXECUTED this 1<sup>st</sup> day of December, 2020.

NORTH HARRIS COUNTY REGIONAL  
WATER AUTHORITY



By: \_\_\_\_\_  
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**NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY  
SUPPLEMENTAL NOTICE OF PUBLIC MEETING**

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**A. ELECTION AGENDA:**

1. Qualification of Directors;
2. Administration of Oaths of Office;
3. Authorize remainder of payment to Harris County for joint election costs.

\*\*\*\*\*

**AUTORIDAD REGIONAL DE AGUA DEL CONDADO DE NORTH HARRIS  
COMPLEMENTARIO NOTIFICACIÓN DE REUNIÓN PÚBLICA**

*La Junta Directiva de la Autoridad Regional de Agua del Condado de Harris del Norte (la "Autoridad") celebrará una asamblea regular el **lunes 7 de diciembre de 2020 a las 6:00 p.m.** por teleconferencia y / o videoconferencia de Zoom; **SE REQUIERE COMPLETAR UN REGISTRO** y se puede realizar en el siguiente enlace: <https://zoom.us/meeting/register/tJYtc-qoqDMuE91TTjo5ixq94aQIqAJaksda>, y se proporcionará un número de teléfono para unirse por teleconferencia, un enlace para unirse por videoconferencia y una contraseña para acceder a la conferencia. El tema de esta asamblea es considerar y actuar en relación con los siguientes asuntos:*

**A. ORDEN DEL DÍA REFERENTE A LA ELECCIÓN:**

1. Cualificación de los Directores;
2. Administración de los Juramentos al Cargo;
3. Autorizar el pago restante al Condado de Harris por los costos de la elección conjunta.

\*\*\*\*\*



**CƠ QUAN CẤP THOÁT NƯỚC KHU VỰC PHÍA BẮC QUẬN HARRIS**  
**BỔ SUNG THÔNG BÁO HỌP MẶT CÔNG CỘNG**

Ban Giám Đốc của Cơ Quan Cung Cấp Nước Khu Vực Phía Bắc Quận Harris ("Cơ Quan") sẽ tổ chức một phiên họp thường lệ vào lúc 6 giờ chiều thứ Hai, 7 tháng Mười Một, 2020, trên Zoom bằng hình thức hội nghị từ xa và/hoặc hội nghị video; **PHẢI GHI DANH** và có thể thực hiện tại <https://zoom.us/meeting/register/tJYtc-qoqDMuE91TTjo5ixq94aQIqAJaksda> và một số điện thoại tham gia hội nghị từ xa, một đường dẫn tham gia hội nghị từ xa, và một mật khẩu truy cập vào hội nghị sẽ được cung cấp sau. Chủ đề của cuộc họp này là xem xét và thực thi những nội dung sau đây:

**A. LỊCH TRÌNH NGHỊ SỰ:**

1. Xác định năng lực trình độ của các Giám Đốc;
2. Tiến hành thủ tục tuyển thệ nhậm chức;
3. Phê chuẩn phần cơ bản của khoản tiền trả Quấn Harris cho các khoản chi phí toả chiếu bầu cử kết hợp.

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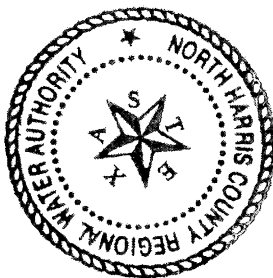
**北HARRIS縣地區水務局**  
**补充 選舉議程**

Harris 縣北部地區水資源管理局 ("管理局") 董事會將於 2020 年 12 月 7 日, 星期一, 下午 6:00 通過 Zoom 電話會議和/或電視會議召開例行會議; 需要註冊, 可以由 <https://zoom.us/meeting/register/tJYtc-qoqDMuE91TTjo5ixq94aQIqAJaksda> 進入, 並需要電話號碼加入電話會議, 需要鏈接加入視頻會議, 以及提供的訪問會議的密碼。本次會議的主題是審議並執行以下事項:

**A. 選舉議程:**

1. 董事資格;
2. 就職誓言管理;
3. 以及授權剩餘之聯合選舉成本款項給 Harris 郡.

EXECUTED this 1<sup>st</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

THIS NOTICE OF PUBLIC MEETING IS INTENDED TO BE A SUPPLEMENTAL NOTICE FOR THE PURPOSE OF ADDING ADDITIONAL SUBJECTS TO THE AGENDA FOR SUCH MEETING WHICH HAS PREVIOUSLY POSTED IN ACCORDANCE WITH THE OPEN MEETINGS LAW.



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 4, 2020  
**Subject:** General Manager's Report  
December 7, 2020 Meeting

The General Manager offers comments regarding certain items for the December 7, 2020 Agenda as follows:

- D.1. Adopt proposed budget for the fiscal year ending ("FYE") December 31, 2021.**
- D.2. Adopt proposed 2021-2022 Capital Improvement Plan and adopt Resolution Approving and Implementing the 2021-2022 Capital Improvement Plan.**

Included within your Board packet under Tabs 2 and 3, please find the proposed Fiscal Year (FY) 2021 Budget and FY 2021-2022 Capital Improvement Plan (CIP). This Budget-CIP is being submitted for consideration and approval at the December 7, 2020 Board Meeting.

A Budget Workshop was held by Zoom teleconference and/or videoconference on November 23, 2020, at 6:00 p.m. The workshop was attended by an audience of approximately 35 people. Detailed presentations were made for both the Budget and the CIP. Authority staff members and consultants responded to questions and comments from the Authority Board members. President Rendl invited members of the audience to ask any questions or make any comments they might have. There were no questions or comments from the audience. The Budget documents being presented to you are identical to those presented at the workshop.

The Budget-CIP document consists of two major sections. Those sections are as follows:

1. **Capital Improvement Plan.** This is the eighteenth Capital Improvement Plan to be developed by the Authority. The CIP is a two year plan covering FY 2021 and FY 2022. This CIP includes all of the projects that we plan to undertake during those two years. Major components of this program include Engineering Design, Engineering Management, Real Estate Acquisition, Construction, Construction Management, Construction Materials Testing, etc.



2. ***Fiscal Year 2021 Operating Budget.*** This budget was developed by the Authority staff members working with various representatives of our consultant team including legal counsel, financial advisors, engineering management, legislative affairs, public relations, and water conservation. Our goal was to develop a fiscally sound budget that is at the same time comprehensive enough to efficiently and properly operate and maintain the Authority's 2010 Surface Water Transmission and Distribution System in conformance with all local, state, and federal regulations and in compliance with the Groundwater Reduction Plan approved by the Harris-Galveston Subsidence District. This budget also includes funding to continue the planning and development process for the 2025 Surface Water Conversion Program.

Now that the Budget Workshop has been completed, the final step in the process is to approve Agenda Items D.1 and D.2. I am therefore recommending that the Board of Directors approve these two (2) Agenda Items.

**D.3. Adopt Updated Pricing Policy regarding increases in Authority rates and fees to be effective April 1, 2021.**

In addition to the discussion of the draft FY 2021 Budget and the draft FY 2021-2022 CIP at the Budget Workshop, I also broached the matter of the Cost of Water beyond December 31, 2020. During the Fiscal Year 2021 Budget and 2021-2022 Capital Improvement Plan development and preparation process, Authority Financial Advisor John Howell, working with Cyndi Plunkett, Jun Chang, Steve Berckenhoff, and me, also conducted a review of the Authority's finances as it relates to the current Cost of Water. The consensus of the group was that the current pumpage fee should be increased to \$4.60 per thousand gallons and the current cost of surface water should be increased to \$5.05 per thousand gallons with the new rates becoming effective on April 1, 2021.

Some of the reasons that served as the basis for the group's recommendation are as follows:

As you are aware, the Authority began taking surface water from the City of Houston (the "City") in February of 2010. The original rate that the Authority paid the City (the "O&M Rate") was \$0.9905 per 1000 gallons. Since that time, the O&M rate has increased significantly with the current rate being \$1.5375 per 1000 gallons --- an increase of 55%.

The Harris-Galveston Subsidence District completed an update of the 1999 Regulatory Plan and adopted a 2013 Regulatory Plan. 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 is participating 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 is paying the Authority's prorata share of the cost of constructing the Luce Bayou Interbasin Transfer Project.

The next step in the process is a Public Hearing scheduled for December 7, 2020 at 6:00 p.m. at which we will be prepared to discuss our rationale for recommending the increase in rates.

Once the Public Hearing is completed, the final step in the process is to approve Agenda Item D.3. which is captioned "Adopt Updated Pricing Policy regarding increases in Authority rates and fees to be effective April 1, 2021." A copy of this draft document is included under Tab 4 of your Board packet. I am therefore recommending that the Board of Directors approve this Agenda Item.

## **Reports**

### **E.2.a. Update on Texas Water Development Board ("TWDB") SWIFT Funding.**

#### **SWIFT Funding Update**

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

On November 15, 2019 the Authority closed with the TWDB and issued \$230,200,000 of Authority Senior Lien Revenue Bonds, Series 2019. The 2019 TWDB SWIRFT funding includes funding for the (1) Expansion of the Northeast Water Purification Plant (\$89,930,000), (2) Second Source Transmission Line (Northeast Transmission Line) Phase I (\$29,025,000), (3) Second Source Transmission Line Phase II (\$47,155,000), and (4) 2025 Distribution System Expansion (\$64,090,000).

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

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

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



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

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

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

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

On November 19, 2020 the Authority closed with the TWDB and issued \$78,670,000 of Authority Senior Lien Revenue Bonds, Series 2020.

Mark Evans, Authority Planning & Governmental Affairs Director will give the Board a brief end of the year SWIFT review.

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

**GROUNDWATER REDUCTION PLAN UPDATE**

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

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

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

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

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

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

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

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

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

**G.1. Overview of updated Water Conservation Plan and adopt Resolution Adopting Updated Water Conservation Plan.**

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

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



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

Included in your Board packet under Tab 10 is the following information related to this Agenda Item:

1. Copy of a November 23, 2020 letter from Mr. Doug Haude, P.E. by which he transmitted the bid tabulation for Project 25D and recommended award of contract to Harper Brothers Construction, LLC, on the basis of their low bid of \$33,733,550.50.
2. Copy of my November 30, 2020 letter to Mr. Jon Harper of Harper Brothers Construction, LLC., notifying him of my intent to recommend award of contract to the Board of Directors at the December 7, 2020 Board meeting.
3. Copy of my November 30, 2020 letter to the Board of Directors recommending award of contract to Harper Brothers Construction, LLC., for Project 25D in the amount of \$33,733,550.50.

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

**G.3. Approve 2021 holiday schedule.**

Included in your Board Meeting packet under Tab 11 you will find a Proposed 2021 North Harris County Regional Water Authority Holiday Schedule. This proposed schedule basically tracks the schedule adopted by the Harris County Commissioners Court for county employees.

I am therefore recommending that the Board of Directors approve the Proposed 2021 North Harris County Regional Water Authority Holiday Schedule as herewith submitted.

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

**Presented at the December 7, 2020  
North Harris County Regional Water Authority ("Authority") Board Meeting**

## **SURFACE WATER CONVERSION**

- During November Spears Road Regional Pump Station delivered treated surface water to the Authority at an average daily rate of approximately 28.5 MGD (million gallons per day).
- Alternative water i.e. surface water, etc., usage during October was approximately 32.3% compared to approximately 30.8% in September.
- During October approximately 77.3% of the water used by the Public Water Systems ("PWSs") in the 2010 service area was Alternative Water.

## **MAJOR ACTIVITIES**

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

## **REGIONAL WATER PROJECTS**

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

- Capers Ridge Pump Station – Continued installation of 48-inch discharge piping and valves, installation of 84-inch header and pressure testing of 48-inch piping. Continued upstream riverbank rip rap installation and began removal of Cofferdam. Pump motors were delivered and offloaded.
- Dual 96-Inch Diameter Pipelines – Began removal and replacement of grooved piped sections and continued electrical installation in Pig Retrieval Building. Continued hydromulch seeding along pipeline corridor.
- 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.

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

- Construction of Central Plant continues with concrete work for filter modules and main slab placement at Transfer Pump Station.
- Construction of North Plant continues with ongoing formwork, rebar placement and structural concrete for various structures.
- Ongoing installation of 96-inch BFV and platform piping. Fish screens delivered to site.
- Completed installation of structural steel for Administration Building and roof at Maintenance Building.
- Construction of South Plant continues with installation of inlet piping and pump cans at HSPS. Completed installation of bridge crane and roofing at dewatering facility.
- 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 eight (7) other sections of the 108-inch line (S-000900-0154, S-000900-0155, 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 7<sup>th</sup> for a 108-inch section of the line (Project S-000900-0167). The notice to proceed is anticipated to be issued December 8<sup>th</sup>.
- 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 late December.

**North Harris County Regional Water Authority**  
**Program Manager's Report**  
**Report Period: October 24, 2020 – November 27, 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 November 2, 2020 Authority Board meeting.
3. 10/27/20 - Participated in a conference call for Project 6C-1 with design engineering team to discuss design of Faulkey Gully MUD chloramination system.
4. 10/29/20 - Conducted a virtual meeting with Authority's Acting General Manager, Engineering Coordinator and representatives of Aurora Technical Services.
5. 10/29/20 – Participated in a meeting with Authority's Acting General Manager, Engineering Coordinator, and representatives from Aurora Technical Services, AEI Engineering, and Zarinkelk Engineering to discuss Project 28E Plan Submittal.
6. 10/29/20 - 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.
7. 11/2/20 – Participated in a virtual meeting with representatives of the City of Houston, Arcadis, and Jones & Carter to discuss roadway lighting requirements for Project 28G.
8. 11/2/20 - Attended and participated in joint meeting with other regional water authorities and City of Houston PATC team to receive status update regarding NEWPP project.
9. 11/2/20 – Prepared for and presented the Program Manager's Report at the November Board of Directors meeting.
10. 11/3/20 – Participated in a meeting with Authority's Engineering Coordinator, Technical Advisor and representatives of Dannenbaum to discuss review comments on Project 24C.
11. 11/3/20 – Participated in a NHCRWA Design Criteria Workshop with Authority's Acting General Manager, Engineering Coordinator, Technical Advisor and representatives from Aurora Technical Services.
12. 11/3/20 – Participated in a meeting with Authority's Engineering Coordinator, Technical Advisor and representatives of Jones & Carter to discuss review comments on Project 28D.
13. 11/4/20 - Conducted a virtual progress meeting for Project 6C-2 with Authority's Engineering Coordinator and representatives of AECOM.
14. 11/4/20 - Conducted a virtual progress meeting for Project 2-8 with Authority's Engineering Coordinator and representatives of AECOM.
15. 11/4/20 - Conducted a virtual progress meeting for Project 31B with Authority's Engineering Coordinator, Jones & Carter, and representatives of AECOM.
16. 11/4/20 – Participated in a meeting with Authority's Acting General Manager, Technical Advisor and representatives of Dannenbaum Engineering to discuss Project 24C, Package 1 review comments.



17. 11/5/20 - Conducted a virtual meeting with Authority's Deputy General Manager, Engineering Coordinator and representatives of Aurora Technical Services.
18. 11/5/20 – Conducted a virtual Pre-Bid Conference for Project 25D with the Authority's Engineering Coordinator and representatives of Aurora Technical Services.
19. 11/5/20 - Participated in an easement acquisition conference call for Project 25E with the Authority's Engineering Coordinator and representatives from PAS Property Acquisition Services and Husch Blackwell.
20. 11/5/20 - Conducted a virtual progress meeting for Project 7D-1 with Authority's Engineering Coordinator and representatives of AECOM.
21. 11/5/20 - 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.
22. 11/10/20 – 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.
23. 11/10/20 – Conducted a site visit at Louetta Road Regional Water Plant with Authority's Engineering Coordinator, Inframark, and Wright Solutions.
24. 11/10/20 - Conducted a virtual progress meeting for Project 25E with Authority's Engineering Coordinator, Kimley-Horn and Associates, and CivilTech, and representatives of AECOM.
25. 11/10/20 – Conducted a virtual Pre-Bid Meeting for Project 24C, Package 1 with Authority's Engineering Coordinator and representatives of Dannenbaum Engineering.
26. 11/11/20 – Conducted a virtual progress meeting for Project 28G with the Authority's Engineering Coordinator and representatives of Arcadis.
27. 11/11/20 – Conducted a virtual monthly progress meeting for Project 25A with the Authority's Engineering Coordinator and representatives from Binkley Barfield, Inc.
28. 11/11/20 – Participated in a virtual meeting with representatives of Dannenbaum and Williams Pipeline to coordinate a utility crossing on Project 24C.
29. 11/11/20 – Participated in a virtual cathodic protection coordination meeting for Project 25C with representatives from IDS Engineering Group and V&A Consulting Engineers.
30. 11/12/20 - Conducted a virtual meeting with Authority's Deputy General Manager, Engineering Coordinator and representatives of Aurora Technical Services.
31. 11/12/20 - 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.
32. 11/13/20 - Conducted a virtual progress meeting for Project 31A with Authority's Engineering Coordinator, Aurora Technical Services, and representatives of AECOM.
33. 11/16/20 - Attended and participated in joint meeting with other regional water authorities and City of Houston PATC team to receive status update regarding NEWPP project.
34. 11/17/20 – Conducted a virtual progress meeting for Project 25D with Authority's Engineering Coordinator, Aurora Technical Services and representatives of AECOM.
35. 11/17/20 – Conducted a bid opening for Project 25D via teleconference.
36. 11/18/20 - Conducted a virtual progress meeting for Project 31D with representatives of Carollo.

37. 11/18/20 - Conducted a virtual progress meeting for Project 31D with representatives of IDS.
38. 11/18/20 - Conducted a virtual progress meeting for Project 6C-1 with representatives of AECOM.
39. 11/19/20 - Conducted a virtual meeting with Authority's Deputy General Manager, Engineering Coordinator and representatives of Aurora Technical Services.
40. 11/19/20 - 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.
41. 11/19/20 – Attended and participated in Faulkey Gully MUD Monthly Board Meeting concerning Project 6C-1.
42. 11/19/20 – Conducted a teleconference meeting with representatives of Dannenbaum Engineering and AECOM to discuss Project 24C, Package 1 and 2 status.
43. 11/23/20 – Attended and participated in Authority Budget and Capital Improvement Plan Workshop.
44. 11/23/20 – Participated in Board Meeting Agenda conference call with Authority staff and attorney.
45. 11/24/20 - Conducted a virtual Kick-Off meeting for Project 1A-4 with Authority's Engineering Coordinator and representatives of AECOM.
46. Oversaw Inframark's activities on behalf of the Authority.
47. Assisted as needed in identifying, assessing and recommending solutions to system operational issues and performed various other efforts relevant to same.
48. 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.
49. Assisted the Authority and Inframark as needed in coordinating the delivery of surface water to the PWSs in the 2010 service area.
50. Assisted the Authority in developing and/or evaluating information and documents relative to development of the 2025 water supply system.
51. Assisted the Authority in a variety of activities involving the City.
52. Assisted the Authority as needed in responding to requirements of the TWDB regarding financial assistance under the TWDB SWIFT program.
53. Conducted status updates with the General Manager.
54. Assisted the Authority in the review of plans for Permitted Encroachments in the Authority's easements.
55. Updated the Authority's design standards, standard details and front-end documents, as required.
56. 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.
57. 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.
58. Developed scope of work for upcoming projects.



59. 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.
60. Reviewed and forwarded recommendations concerning payment of invoices from the Authority's consultants and operator.
61. Updated project schedules and budgets, as necessary.

### **KEY ACTIVITIES PLANNED FOR DECEMBER 2020**

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 2, 2020

The Board of Directors (the "Board") of the North Harris County Regional Water Authority (the "Authority") met in regular session, open to the public, via Zoom at [https://zoom.us/meeting/register/tJcqdOqvqzkqEtWCngPe3rrALbMsydytkuAh](https://zoom.us/join/zoom/register/tJcqdOqvqzkqEtWCngPe3rrALbMsydytkuAh) 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 2<sup>nd</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, Deputy 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 Berckenhoff, 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; 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 also participated in the conference call meeting. The conference call meeting was recorded and made available to the public in accordance with the provisions of Texas Government Code Sections 551.125 and 551.127.

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

#### PRESIDENT'S MESSAGE

Director Rendl first welcomed everyone to tonight's meeting.

#### BOARD MEMBER COMMENTS

Director Fessler then reported that he had recently spoken with Mr. Fred Blanton, candidate in the Authority's election for Director of Single-Member Voting District No. 4. Director Fessler stated that Mr. Blanton informed him that he wants to lower Authority water rates for senior citizens, impose a commercial Authority water rate for commercial businesses and wants the Authority to have ad valorem taxing authority. Director Fessler urged voters to be prudent with their vote in the upcoming election.

#### PUBLIC COMMENT

Mr. Jerry Homan, General Manager of Harris County Freshwater Supply District No. 61 then addressed the Board and thanked everyone that submitted questions to the Community Impact Newspaper for the candidates in the Authority's upcoming election for Single-Member Voting District No. 4. Director Rendl thanked Mr. Homan for his efforts.

#### 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's elementary assembly programs are being digitized, along with many other water education materials for use by teachers and homeschoolers.

#### GENERAL 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 3 of the meeting packet and attached hereto.

#### PROGRAM MANAGER'S REPORT

#### UPDATE ON STATUS OF SURFACE WATER CONVERSION

Mr. Berckenhoff first reported that the Spears Road Regional Pump Station delivered a daily average rate of approximately 29.5 million gallons per day ("MGD") of surface water during October. Mr. Berckenhoff added that the alternative water used in September was approximately 30.8%, compared to approximately 28.1% in August. Mr. Berckenhoff further



explained that during September, approximately 72.8% 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 six (6) in or near construction, 18 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 completed the concrete pour for discharge piping slab, installed 48-inch (48") discharge piping/valves, installed 36-inch (36") flusing piping valves, began pressure testing of the piping, continued installation of electrical conductors and installed electrical panels at the Capers Ridge Pump Station; and 2) the contractor removed and replaced Victaulic coupling and gasket, completed grinding and patching concrete in the flow distribution basin and continued electrical installation in the pig retrieval building.

## 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 header installation and pump cans for 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 108-inch (108") raw water pipeline and valves is ongoing. Mr. Berckenhoff further reported that installation of structural steel for the administration building has begun and installation of structural steel at the maintenance building has been completed. Mr. Berckenhoff went on to report that construction of the South Plant is continuing with discharge piping at the high service pump station and ongoing installation of the structural shell, walls and floors at the dewatering facility. 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.

Director Rendl stated that he hopes people attended the Association of Water Board Directors – Texas virtual Fall Seminar that had representatives from each of the water authorities speaking about the NEWPP project. Director Rendl further stated that Mr. Berckenhoff gave a presentation on the transmission line, pump station and storage facility at such event.

## ATTORNEY'S REPORT

Ms. Bobbitt stated that she had nothing to report at this time.

## REGULAR AGENDA

### APPROVAL OF MINUTES

The Board next considered approval of the minutes of the October 5, 2020 regular meeting. 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 approve the minutes of October 5, 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 September 30, 2020, a copy of which is included behind Tab 5 of the meeting packet and attached hereto.

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 approve the Financial Report, the monthly investment report, and the checks being presented for payment.

## GENERAL MANAGER'S ACTION ITEMS

### AUTHORIZE GENERAL MANAGER TO NEGOTIATE, FINALIZE AND EXECUTE A MASTER SERVICE AGREEMENT AND RELATED DOCUMENTS BY AND BETWEEN THE AUTHORITY AND ENCHANTED ROCK (THE "MASTER SERVICE AGREEMENT")

Mr. Berckenhoff next explained that the Master Service Agreement is for third-party backup power to the SH 249 Pump Station should the main line electricity from CenterPoint Energy ever be lost. Mr. Berckenhoff stated that Enchanted Rock is the backup power provider that the City and other water authorities have used. Mr. Berckenhoff went on to explain that the



Authority will give Enchanted Rock a ground lease to install generators to provide backup power to the Authority.

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 authorize the General Manager to negotiate, finalize and execute a Master Service Agreement and related documents by and between the Authority and Enchanted Rock, a copy of which can be found in the Authority's files.

APPROVE UTILITY CONSTRUCTION SERVICES AGREEMENT BY AND BETWEEN THE AUTHORITY AND CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC ("CENTERPOINT")

Mr. Berckenhoff next explained that the proposed agreement is for the relocation of approximately 4,000 linear feet of fence that is located within an Authority easement. 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 approve and authorize execution of the Utility Construction Services Agreement by and between the Authority and CenterPoint, a copy of which is attached hereto.

CONFIRM UPCOMING MEETING DATE

Director Rendl then confirmed the following upcoming meeting dates:

- Budget and Capital Improvement Plan workshop on Monday, November 23, 2020 at 6:00 p.m.;
- Rate Order workshop on Monday, November 30, 2020 at 6:00 p.m.;
- Public hearing on Authority rates on Monday December 7, 2020 at 6:00 p.m.; and
- Regular meeting on Monday December 7, 2020 at 6:15 p.m.

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

SUPPLEMENTAL NOTICE OF PUBLIC MEETING

UPDATE ON NOVEMBER 3, 2020 DIRECTORS ELECTION MATTERS

Ms. Bobbitt then reminded the Board that Single-Member Voting District No. 4 will have a contested election. Ms. Bobbitt reported that RBAP is continuing to work with Harris County on various election matters in preparation for the election. Ms. Bobbitt then requested that the Board hold its canvassing meeting on November 17, 2020 at 7:00 p.m. rather than 6:00 p.m. in order to provide ample time for Harris County to provide the canvassing results to her office.

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 approve the scheduling of the canvassing meeting on November 17, 2020 at 7:00 p.m.

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

PASSED, APPROVED AND ADOPTED this 7<sup>th</sup> day of December, 2020.

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Secretary, Board of Directors

(AUTHORITY SEAL)



**NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY**

**FINANCIAL REPORT**

**For the month of October, 2020**

**December 7, 2020**

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

**AS OF OCTOBER 31, 2020**

<b>CAPITAL FUNDS</b>	<b>\$</b>	<b>710,652,008.44</b>
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CONSTRUCTION	\$	107,325,297.93
TWDB ESCROW	\$	603,326,710.51
TOTAL	\$	710,652,008.44

<b>INTEREST &amp; SINKING FUNDS AND DEBT SERVICE RESERVE</b>	<b>\$</b>	<b>177,413,128.29</b>
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INTEREST & SINKING	\$	63,276,742.70
DEBT SERVICE RESERVE	\$	114,136,385.59
TOTAL	\$	177,413,128.29

<b>COVERAGE FUND AND IMPROVEMENT FUND</b>	<b>\$</b>	<b>242,014,276.83</b>
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COVERAGE FUND	\$	55,566,200.30
IMPROVEMENT FUND	\$	186,448,076.53
TOTAL	\$	242,014,276.83

<b>OPERATING FUNDS</b>	<b>\$</b>	<b>62,666,416.50</b>
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OPERATING FUNDS	\$	62,666,416.50
TOTAL	\$	62,666,416.50

TOTAL:	\$	<u>1,192,745,830.06</u>	\$	<u>1,192,745,830.06</u>
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# North Harris County Regional Water Authority

## Balance Sheet

**As of 10/31/2020**

	Current Year
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Assets	
Cash	
Cash in Bank - Amegy Operating acct	48,024,397.17
Cash in Bank - Amegy Cap Proj 2003	1,832,185.72
Cash in Bank - Amegy Admin. Expense	54,706.30
Note Payment Account - Bank of America	2,873.82
Petty Cash	1,432.27
Capital Contributions - TexPool	13,289,790.82
Operating Fund - Texpool	9,843,126.79
Operations & Maintenance Reserve - TTP	4,742,753.97
Construction Fund 2003 - TexSTAR	5.64
Interest & Sinking Fund 13 TexPool Prime	5,831,288.72
Coverage Fund - TexSTAR	47,047,724.38
Debt Service Reserve Fund 2003 - TPPPrime	116,662.85
RBC 2003 DSRF Investments	8,148,134.85
RBC 2005 Capital Contributions Investmen	0.01
Construction Fund 2015 - TexPool	3,012.81
Construction Fund 2015 - TexPool Prime	544,532.16
Construction Fund 2005 - TexSTAR	17,543.73
Interest & Sinking Fund 2014 - TexSTAR	3,902,938.47
Debt Service Reserve Fund 2014 - TPPPrime	114,968.50
CHCRWA Construction Acct. - TPPPrime	329,968.86
PFUD Initial Difference 4C3 - TPPPrime	245,931.47
Capital Contributions 2008 - TPPPrime	1,592,537.47
RBC 2008 Capital Contributions Investmen	26,158,729.81
TWDB 2015 Escrow	9,699,259.65
RBC 2014 DSRF Investments	5,745,861.87
Construction Fund 2008 - TexPool Prime	4,794,686.54
Construction Fund 2008 - TexSTAR	1,569,208.39
Interest & Sinking Fund 2008 - TPPPrime	2,878,024.21
Debt Service Reserve Fund 2008 - TPPPrime	282,384.06
RBC 2016 DSRF Investments	18,776,956.99
Interest & Sinking Fund 2015 - TPPPrime	2,811,023.87
Debt Service Reserve Fund 2015 - TPPPrime	349,536.19
Construction Fund 2016 - TPPPrime	457,136.94
Interest & Sinking Fund 2016 - TPPPrime	10,811,470.82
Debt Service Reserve Fund 2016 - TPPPrime	340,694.24
Construction Fund 2016A - TexPool Prime	25,720,677.34
Interest & Sinking Fund 2016A - TTPPrime	6,940,605.19
Debt Service Reserve Fund 2016A - TPP	480,828.84
Construction Fund 2017 - TexPool Prime	24,101,966.37
Interest & Sinking Fund 2017 - TTPPrime	12,972,945.65
Debt Service Reserve Fund 2017 - TTP	915,363.30
TWDB 2017 Escrow	100,633,396.88
TWDB 2016A Escrow	48,819,551.61
Construction Fund 2018 - TexPool Prime	6,664,510.03

# North Harris County Regional Water Authority

## Balance Sheet

**As of 10/31/2020**

	Current Year
Interest & Sinking 2018 - TexPool Prime	9,035,583.53
Debt Service Reserve Fund 2018 - TTP	1,006,611.81
TWDB 2018 Escrow	238,922,309.90
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	8,092,862.24
Debt Service Reserve Fund 2019 - TTP	14,331,170.25
TWDB 2019 Escrow	205,252,192.47
Improvement Fund - TexSTAR	101,871,734.54
RBC Improvement Fund Investments	84,576,341.99
RBC Coverage Fund Investments	8,518,475.92
Total Cash	1,192,745,830.06
Other Assets	
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	5,443,649.69
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)
Total Other Assets	685,742,041.33
Fixed Assets	
Land, Easements and Right of Ways	26,978,509.69
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
Accum. Dep. - Furn. & Fix.	(25,341.51)
Total Fixed Assets	282,831,688.55
Total Assets	2,161,319,559.94



# North Harris County Regional Water Authority

## Balance Sheet

**As of 10/31/2020**

	Current Year
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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
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

# North Harris County Regional Water Authority

## Balance Sheet

**As of 10/31/2020**

	Current Year
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
Total Deferred Revenue - Capital Contributions	65,402,091.17
Accounts Payable	
Trade Accounts Payable	6,533,194.50
Social Security - 457 Plan Payable	(18.90)
Group Insurance Payable	(37,854.56)
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
Total Accounts Payable	24,942,850.30
Bonds Payable	
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
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



# North Harris County Regional Water Authority

## Balance Sheet

As of 10/31/2020

	Current Year
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
Total Bonds Payable	<u>1,777,153,404.80</u>
Total Liabilities	<u>1,867,498,346.27</u>
Fund Balance	
Unreserved Fund Balance	250,601,370.56
Other	43,219,843.11
Total Fund Balance	<u>293,821,213.67</u>
Liabilities & Fund Balance	<u>2,161,319,559.94</u>

# North Harris County Regional Water Authority

## Statement of Revenues and Expenditures

From 10/1/2020 Through 10/31/2020

	<u>Current Period Actual</u>	<u>Current Year Actual</u>
Receipts		
Pumpage Fees		
Cost of Water Revenue	17,130,497.70	101,843,310.64
Total Pumpage Fees	17,130,497.70	101,843,310.64
Interest Earned		
Interest Earned	51,921.37	5,362,021.47
Total Interest Earned	51,921.37	5,362,021.47
Total Receipts	17,182,419.07	107,205,332.11
Disbursements & Expenses		
Financial Services		
Audit Expenses	0.00	44,500.00
Total Financial Services	0.00	44,500.00
Engineering Services		
Acquisition Services	104,759.61	1,916,130.55
Engineering Services	1,510,911.26	14,981,477.38
Construction Expense	651,712.47	2,793,178.70
Total Engineering Services	2,267,383.34	19,690,786.63
Legal Services		
Legal - General Counsel Services	12,290.11	110,042.77
Legal - VRA Submission/Director Election	12,303.59	29,657.49
Legal - Open Records Request	60.00	14,715.82
Legal - Contract Negotiations	4,492.50	35,028.25
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	29,146.20	190,853.08
Operations & Maintenance		
Operations & Maintenance Services	297,506.33	1,777,539.38
Total Operations & Maintenance	297,506.33	1,777,539.38
Water Purchase		
Bulk Water Purchase	719,144.53	10,849,524.51
Total Water Purchase	719,144.53	10,849,524.51
Legislative Services		
Legislative Consultant	10,833.33	108,333.30
Total Legislative Services	10,833.33	108,333.30
Communications Services		
Communication Consultant	6,670.00	66,700.00
Printing	0.00	17,219.31
Water Conservation	23,279.55	30,725.57
Professional Services - Communications	0.00	183.30
WBIMS	4,314.00	47,554.00
Total Communications Services	34,263.55	162,382.18
Professional Services		
Director Fees	1,200.00	15,300.00
Salaries, Wages & Benefits	117,988.66	1,168,547.55
Retirement	6,447.75	113,453.76
Group Insurance	16,476.82	161,631.88
Social Security	4,771.82	66,090.42
Medicare	1,712.94	17,127.60
Unemployment Compensation	0.00	1,440.00
Bank Charges	2,252.00	14,338.27
Safe Deposit Box	0.00	75.00
Travel/Hotel&Meals	2,603.92	30,754.63
Mileage Reimbursements	65.55	2,242.71
Seminars/Training	50.00	6,759.00
Redistricting/Mapping	0.00	9,250.00
Total Professional Services	153,569.46	1,607,010.82



# North Harris County Regional Water Authority

## Statement of Revenues and Expenditures

From 10/1/2020 Through 10/31/2020

	<u>Current Period Actual</u>	<u>Current Year Actual</u>
Office Expenses		
Maintenance & Repairs	0.00	643.08
Office Supplies	474.53	9,446.59
Books/Periodicals	78.00	78.00
Postage/delivery	378.33	3,819.68
Telephone/Long Distance	4,514.63	40,197.95
Utilities	56,083.94	512,243.91
Equipment Leases	0.00	11,450.85
Office Lease	1,268.88	116,473.15
Security	0.00	2,176.24
Cellular Telephone	378.82	3,765.62
Memberships/Subscriptions	1,645.00	9,696.00
DSL Line/Internet Service	1,252.69	26,545.31
Computer Software	959.76	25,457.55
Computer Services	3,825.00	21,912.50
Computer Maintenance	0.00	8,650.00
Computer Equipment	<u>1,188.42</u>	<u>4,413.45</u>
Total Office Expenses	72,048.00	796,969.88
Misc. Expenses		
Election Expenses	0.00	509,407.35
Permit Fees	579,600.00	617,615.50
Insurance - Liability & Bonds	<u>0.00</u>	<u>130,461.00</u>
Total Misc. Expenses	579,600.00	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	<u>0.00</u>	<u>3,290,592.99</u>
Total Interest Expenses	<u>0.00</u>	<u>27,500,105.37</u>
Total Disbursements & Expenses	<u>4,163,494.74</u>	<u>63,985,489.00</u>
Excess Revenues Over (Under) Expenditures	<u>13,018,924.33</u>	<u>43,219,843.11</u>

# North Harris County Regional Water Authority

## Statement of Revenues and Expenditures by Period

From 1/1/2020 Through 10/31/2020

	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	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	101,843,310.64
<b>Total Pumpage Fees</b>	<u>7,406,405.84</u>	<u>6,820,249.31</u>	<u>6,722,418.23</u>	<u>8,166,568.84</u>	<u>6,616,105.49</u>	<u>11,952,281.56</u>	<u>9,176,851.74</u>	<u>16,036,979.60</u>	<u>11,814,952.33</u>	<u>17,130,497.70</u>	<u>101,843,310.64</u>
<b>Interest Earned</b>											
Interest Earned	<u>1,399,693.40</u>	<u>1,397,323.58</u>	<u>1,169,145.14</u>	<u>638,984.12</u>	<u>252,075.96</u>	<u>163,789.75</u>	<u>123,394.06</u>	<u>98,607.28</u>	<u>67,086.81</u>	<u>51,921.37</u>	<u>5,362,021.47</u>
<b>Total Interest Earned</b>	<u>1,399,693.40</u>	<u>1,397,323.58</u>	<u>1,169,145.14</u>	<u>638,984.12</u>	<u>252,075.96</u>	<u>163,789.75</u>	<u>123,394.06</u>	<u>98,607.28</u>	<u>67,086.81</u>	<u>51,921.37</u>	<u>5,362,021.47</u>
<b>Total Receipts</b>	<u>8,806,099.24</u>	<u>8,217,572.89</u>	<u>7,891,563.37</u>	<u>8,805,552.96</u>	<u>6,868,181.45</u>	<u>12,116,071.31</u>	<u>9,300,245.80</u>	<u>16,135,586.88</u>	<u>11,882,039.14</u>	<u>17,182,419.07</u>	<u>107,205,332.11</u>
<b>Disbursements &amp; Expenses</b>											
<b>Financial Services</b>											
Audit Expenses	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>44,500.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>44,500.00</u>
<b>Total Financial Services</b>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>44,500.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>44,500.00</u>
<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	1,916,130.55
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	14,981,477.38
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	2,793,178.70
<b>Total Engineering Services</b>	<u>1,216,751.52</u>	<u>1,745,219.87</u>	<u>2,465,999.74</u>	<u>1,737,892.79</u>	<u>2,131,532.34</u>	<u>1,552,949.69</u>	<u>1,245,851.19</u>	<u>1,471,897.85</u>	<u>3,855,308.30</u>	<u>2,267,383.34</u>	<u>19,690,786.63</u>
<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	110,042.77
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	29,657.49
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	14,715.82
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	35,028.25



# North Harris County Regional Water Authority

## Statement of Revenues and Expenditures by Period

From 1/1/2020 Through 10/31/2020

	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	Total
Legal - Legislation	0.00	0.00	137.50	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	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	512.50
Total Legal Services	18,655.86	17,573.81	12,493.29	17,699.41	8,875.61	16,061.52	20,427.63	22,156.61	27,763.14	29,146.20	190,853.08
Operations & Maintenance											
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	1,777,539.38
Total Operations & Maintenance	(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	1,777,539.38
Water Purchase											
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	10,849,524.51
Total 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	10,849,524.51
Legislative Services											
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	108,333.30
Total Legislative Services	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	108,333.30
Communications Services											
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	66,700.00
Printing	10,174.42	0.00	6,633.63	0.00	0.00	0.00	0.00	411.26	0.00	0.00	17,219.31
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	30,725.57
Professional Services - Communicati...	0.00	0.00	183.30	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	47,554.00
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	162,382.18

# North Harris County Regional Water Authority

## Statement of Revenues and Expenditures by Period

From 1/1/2020 Through 10/31/2020

	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	Total
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	26,545.31
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	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	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	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	4,413.45
Total Office Expenses	56,409.85	72,908.69	66,326.97	72,057.86	119,278.36	82,647.63	81,317.26	89,919.43	84,055.83	72,048.00	796,969.88
Misc. Expenses											
Election Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	509,407.35	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	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	130,461.00
Total Misc. Expenses	0.00	0.00	0.00	0.00	0.00	128,558.00	1,300.00	510,010.35	38,015.50	579,600.00	1,257,483.85
Interest Expenses											
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	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	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	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	5,803,425.00



# North Harris County Regional Water Authority

## Statement of Revenues and Expenditures by Period

From 1/1/2020 Through 10/31/2020

	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	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	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	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	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	3,290,592.99
Total Interest Expenses	0.00	0.00	0.00	0.00	0.00	27,500,105.37	0.00	0.00	0.00	0.00	27,500,105.37
Total Disbursements & Expenses	2,237,828.27	2,881,964.04	3,931,183.40	3,457,322.85	3,978,456.97	31,068,718.52	3,344,064.34	3,849,715.49	5,072,740.38	4,163,494.74	63,985,489.00
Excess Revenues Over (Under) Expenditures	6,568,270.97	5,335,608.85	3,960,379.97	5,348,230.11	2,889,724.48	(18,952,647.21)	5,956,181.46	12,285,871.39	6,809,298.76	13,018,924.33	43,219,843.11

# INVESTMENT REPORT, AUTHORIZATION AND REVIEW

Report for  
NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY

Prepared for the reporting period ("Period") from 10/1/2020 to 10/31/2020

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	0.1300%	15,393,442.72	1.00032	15,398,368.62	(2,268.26)	(5,550,315.93)	9,843,126.79	1.000270	9,845,784.43
OA Texpool Prime - Operating	0.2300%	4,741,835.37	1.00020	4,742,783.74	(521.52)	918.60	4,742,753.97	1.000090	4,743,180.82
CA Texpool - Construction Fund 2005	0.1300%	3,012.50	1.00032	3,013.46	(0.15)	0.31	3,012.81	1.000270	3,013.62
CA Texpool Prime - Const Fund 2015	0.2300%	544,426.72	1.00020	544,535.61	(59.88)	105.44	544,532.16	1.000090	544,581.17
CA Texpool Prime - Capital Contrib 2005	0.2300%	13,287,216.71	1.00020	13,289,874.15	(1,461.36)	2,574.11	13,289,790.82	1.000090	13,290,986.90
CA Texpool Prime - CHCRWA Const	0.2300%	329,904.97	1.00020	329,970.95	(36.28)	63.89	329,968.86	1.000090	329,998.56
CA Texpool Prime - PFUD Initial Difference 4C3	0.2300%	245,883.84	1.00020	245,933.02	(27.04)	47.63	245,931.47	1.000090	245,953.60
IS Texpool Prime - I & S Fund 2003/2013	0.2300%	5,160,277.37	1.00020	5,161,309.43	(507.24)	671,011.35	5,831,288.72	1.000090	5,831,813.54
IS Texpool Prime - 2013 Debt Service Reserve	0.2300%	116,640.23	1.00020	116,663.56	(12.83)	22.62	116,662.85	1.000090	116,673.35
IS Texpool Prime - 2014 Debt Service Reserve	0.2300%	114,946.21	1.00020	114,969.20	(12.64)	22.29	114,968.50	1.000090	114,978.85
CA Texpool Prime - Const Fund 2008	0.2300%	4,793,757.86	1.00020	4,794,716.61	(527.23)	928.68	4,794,686.54	1.000090	4,795,118.06
CA Texpool Prime - Capital Contrib 2008	0.2300%	1,592,228.97	1.00020	1,592,547.42	(175.12)	308.50	1,592,537.47	1.000090	1,592,680.80
IS Texpool Prime - I & S Fund 2008	0.2300%	2,877,466.76	1.00020	2,878,042.25	(316.47)	557.45	2,878,024.21	1.000090	2,878,283.23
IS Texpool Prime - 2008 Debt Service Reserve	0.2300%	282,329.39	1.00020	282,385.86	(31.05)	54.67	282,384.06	1.000090	282,409.47
IS Texpool Prime - I & S Fund 2015	0.2300%	2,470,539.34	1.00020	2,471,033.45	(241.12)	340,484.53	2,811,023.87	1.000090	2,811,276.86
IS Texpool Prime - 2015 Debt Service Reserve	0.2300%	349,468.49	1.00020	349,538.38	(38.44)	67.70	349,536.19	1.000090	349,567.65
CA Texpool Prime - Const Fund 2016	0.2300%	457,048.36	1.00020	457,139.77	(50.27)	88.58	457,136.94	1.000090	457,178.08
IS Texpool Prime - I & S Fund 2016	0.2300%	9,319,639.50	1.00020	9,321,503.43	(890.90)	1,491,831.32	10,811,470.82	1.000090	10,812,443.85
IS Texpool Prime - 2016 Debt Service Reserve	0.2300%	340,628.25	1.00020	340,696.38	(37.46)	65.99	340,694.24	1.000090	340,724.90
CA Texpool Prime - Const Fund 2016A	0.2300%	28,215,613.51	1.00020	28,221,256.63	(3,328.26)	(2,494,936.17)	25,720,677.34	1.000090	25,722,992.20
IS Texpool Prime - I & S Fund 2016A	0.2300%	6,136,402.44	1.00020	6,137,629.72	(602.63)	804,202.75	6,940,605.19	1.000090	6,941,229.84
IS Texpool Prime - 2016A Debt Service Reserve	0.2300%	480,735.69	1.00020	480,831.84	(52.87)	93.15	480,828.84	1.000090	480,872.11
CA Texpool Prime - Const Fund 2017	0.2300%	24,097,298.04	1.00020	24,102,117.50	(2,650.28)	4,668.33	24,101,966.37	1.000090	24,104,135.55
IS Texpool Prime - I & S Fund 2017	0.2300%	11,374,714.31	1.00020	11,376,989.25	(1,107.38)	1,598,231.34	12,972,945.65	1.000090	12,974,113.22
IS Texpool Prime - 2017 Debt Service Reserve	0.2300%	915,185.98	1.00020	915,369.02	(100.65)	177.32	915,363.30	1.000090	915,445.68
CA Texpool Prime - Const Fund 2018	0.2300%	6,663,219.18	1.00020	6,664,551.82	(732.84)	1,290.85	6,664,510.03	1.000090	6,665,109.84
IS Texpool Prime - I & S Fund 2018	0.2300%	8,843,866.91	1.00020	8,845,635.68	(955.57)	191,716.62	9,035,583.53	1.000090	9,036,396.73
IS Texpool Prime - 2018 Debt Service Reserve	0.2300%	1,006,416.82	1.00020	1,006,618.10	(110.69)	194.99	1,006,611.81	1.000090	1,006,702.41
CA Texpool Prime - Const Fund 2019	0.2300%	0.00	1.00020	0.00	0.00	0.00	0.00	1.000090	0.00
IS Texpool Prime - I & S Fund 2019	0.2300%	8,091,294.75	1.00020	8,092,913.01	(889.90)	1,567.49	8,092,862.24	1.000090	8,093,590.60
IS Texpool Prime - 2019 Debt Service Reserve	0.2300%	14,328,394.40	1.00020	14,331,260.08	(1,575.87)	2,775.85	14,331,170.25	1.000090	14,332,460.06
CA TexSTAR - Construction Fund 2005	0.1150%	17,547.65	1.00026	17,552.16	(0.95)	1.72	17,549.37	1.000203	17,552.93
IS TexSTAR - I & S Fund 2005/2014	0.1150%	3,439,597.99	1.00026	3,440,481.97	(91.68)	463,340.48	3,902,938.47	1.000203	3,903,730.77
CA TexSTAR - Construction Fund 2008	0.1150%	1,569,055.11	1.00026	1,569,458.36	(84.70)	153.28	1,569,208.39	1.000203	1,569,526.94
IMP TexSTAR - Improvement Fund	0.1150%	101,861,783.82	1.00026	101,887,962.30	(5,498.52)	9,950.72	101,871,734.54	1.000203	101,892,414.50
COV TexSTAR - Coverage Fund	0.1150%	47,043,128.85	1.00026	47,055,218.93	(2,539.40)	4,595.53	47,047,724.38	1.000203	47,057,275.07
	0.1373%	326,504,949.01		326,580,871.65	(27,537.44)	-2,453,138.02	324,051,810.99		324,100,196.19

## PTA Accounts

	Yield	Beginning Value for Period			Changes in Market Value	Deposits or (Withdraw)	Ending Value for Period		
		Book		Market*			Book		Market*
NHCWRA-2016SERIESATWDBDSRF	0.195%	9,814,853.01		9,947,786.72	16,707.81	0.00	9,844,397.66		9,964,494.53
NHCWRA 2018 DSRF	0.201%	31,036,547.36		31,440,933.23	47,189.69	0.00	31,125,261.32		31,488,122.92
NHCWRA - 2017 TWDB DSRF	0.194%	20,672,735.26		20,960,607.34	31,378.14	0.00	20,731,997.96		20,991,985.49
NHCWRA - 2015 TWDB DSRF	0.185%	4,128,274.80		4,160,357.70	2,802.70	0.00	4,135,397.45		4,163,160.40
NHCRWA Improvement Fund	0.185%	87,834,392.46		89,179,048.35	41,105.16	0.00	88,002,555.03		89,220,153.51
NHCRWA Coverage Fund	0.179%	8,857,096.33		8,970,391.89	7,947.91	0.00	8,875,893.19		8,978,339.80
NHCRWA 2014 DSRF	0.204%	5,975,766.24		6,039,677.50	(73.74)	0.00	5,983,454.13		6,039,603.76
NHCRWA 2013 DSRF	0.180%	8,474,791.37		8,592,071.50	3,253.63	0.00	8,489,203.52		8,595,325.12
NHCRWA 2008/2016 DSRF	0.181%	19,497,892.59		19,752,605.08	13,117.12	0.00	19,536,935.58		19,765,722.21
NHCRWA 2008 Capital Contribution	0.147%	27,013,302.61		27,055,981.14	(10,874.42)	0.00	27,017,603.98		27,045,106.72
*Market values include accrued income	0.184%	223,305,652.04		226,099,460.46	152,554.00	0.00	223,742,699.82		226,252,014.46

Total of all investments

\$ (2,453,138.02) \$ 547,794,510.81 \$ 550,352,210.65

## 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)



NHCWA-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
NHCWA-2016SERIESATWDBDSRF	31846V443	U.S. Bancorp	10/31/2020	AAAm	Aaa	83,521.21	83,521.21	0.00	112,661.50	112,661.50	0.00	112,661.50
NHCWA-2016SERIESATWDBDSRF	CCYUSD	---	10/31/2020	AAA	Aaa	0.38	0.38	0.00	4,690.38	4,690.38	0.00	4,690.38
NHCWA-2016SERIESATWDBDSRF	3130A0EN6	Federal Home Loan Banks	12/10/2021	AA+	Aaa	752,050.43	774,498.58	6,648.44	751,907.03	772,527.51	8,445.31	780,972.82
NHCWA-2016SERIESATWDBDSRF	3135G0U92	Federal National Mortgage Association	01/11/2022	AA+	Aaa	249,921.68	257,960.00	1,458.33	249,926.76	257,999.94	2,005.21	259,305.15
NHCWA-2016SERIESATWDBDSRF	912828J76	United States	03/31/2022	AA+	Aaa	799,375.80	819,437.60	38.46	799,410.99	818,093.60	1,230.77	819,324.37
NHCWA-2016SERIESATWDBDSRF	9128286M7	United States	04/15/2022	AA+	Aaa	782,133.03	800,308.40	8,051.74	781,743.58	798,704.15	814.39	799,518.54
NHCWA-2016SERIESATWDBDSRF	3130AEWA4	Federal Home Loan Banks	10/01/2020	AA+	Aaa	750,000.00	750,000.00	9,843.75	0.00	0.00	0.00	0.00
NHCWA-2016SERIESATWDBDSRF	9128285Q9	United States	11/30/2020	AA+	Aaa	750,234.43	753,243.75	6,931.35	750,113.31	751,496.25	8,678.28	760,174.53
NHCWA-2016SERIESATWDBDSRF	912828T67	United States	10/31/2021	AA+	Aaa	746,460.32	759,081.75	3,923.23	746,733.04	758,173.50	25.90	758,199.40
NHCWA-2016SERIESATWDBDSRF	3133ELGN8	Farm Credit System	10/13/2022	AA+	Aaa	852,470.01	874,585.90	6,346.67	852,368.12	873,376.42	680.00	874,056.42
NHCWA-2016SERIESATWDBDSRF	9128283X6	United States	02/15/2021	AA+	Aaa	749,183.55	755,947.50	2,155.23	749,368.29	754,570.50	3,576.77	758,147.27
NHCWA-2016SERIESATWDBDSRF	9128284P2	United States	05/15/2021	AA+	Aaa	750,424.67	761,631.00	7,436.31	750,367.76	760,078.50	9,094.77	769,173.27
NHCWA-2016SERIESATWDBDSRF	3135G05G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	798,898.68	799,835.24	450.00	798,931.96	800,857.45	616.67	801,474.11
NHCWA-2016SERIESATWDBDSRF	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	752,288.03	753,964.34	1,257.81	752,212.40	752,877.71	85.94	752,963.64
NHCWA-2016SERIESATWDBDSRF	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	773,907.95	774,930.32	4,914.06	772,717.46	773,419.87	6,242.19	779,662.06
NHCWA-2016SERIESATWDBDSRF	912828D72	United States	08/31/2021	AA+	Aaa	223,982.84	228,840.75	385.36	224,077.45	228,462.98	770.72	229,233.69
NHCWA-2016SERIESATWDBDSRF	3137EAEY1	Freddie Mac	10/16/2023	AA+	Aaa	0.00	0.00	0.00	747,167.61	747,204.29	39.06	747,243.35
NHCWA-2016SERIESATWDBDSRI ---	---	---	04/07/2022	AA+	Aaa	9,814,853.01	9,947,786.72	59,840.75	9,844,397.66	9,964,494.53	42,305.96	10,006,800.49

NHCWA 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
NHCWA 2018 DSRF	31846V443	U.S. Bancorp	10/31/2020	AAAm	Aaa	226,365.97	226,365.97	0.00	304,677.05	304,677.05	0.00	304,677.05
NHCWA 2018 DSRF	CCYUSD	---	10/31/2020	AAA	Aaa	6.55	6.55	0.00	20,007.69	20,007.69	0.00	20,007.69
NHCWA 2018 DSRF	3135G0U92	Federal National Mortgage Association	01/11/2022	AA+	Aaa	669,790.10	691,332.80	3,908.33	669,803.73	689,563.83	5,373.96	694,937.79
NHCWA 2018 DSRF	3130A0EN6	Federal Home Loan Banks	12/10/2021	AA+	Aaa	2,005,467.80	2,065,329.54	17,729.17	2,005,085.42	2,060,073.36	22,520.83	2,082,594.19
NHCWA 2018 DSRF	912828F96	United States	10/31/2021	AA+	Aaa	2,007,387.32	2,040,156.00	16,739.13	2,006,818.01	2,036,718.00	110.50	2,036,828.50
NHCWA 2018 DSRF	9128286M7	United States	04/15/2022	AA+	Aaa	2,018,407.83	2,065,312.00	20,778.69	2,017,402.79	2,061,172.00	2,101.65	2,063,273.65
NHCWA 2018 DSRF	3130AEWA4	Federal Home Loan Banks	10/01/2020	AA+	Aaa	2,000,000.00	2,000,000.00	26,250.00	0.00	0.00	0.00	0.00
NHCWA 2018 DSRF	9128285Q9	United States	11/30/2020	AA+	Aaa	2,000,625.16	2,008,650.00	18,483.61	2,000,302.16	2,003,990.00	23,142.08	2,027,132.08
NHCWA 2018 DSRF	912828W89	United States	03/31/2022	AA+	Aaa	2,006,396.21	2,052,266.00	103.02	2,006,035.40	2,048,672.00	3,296.70	2,051,968.70
NHCWA 2018 DSRF	912828555	United States	12/31/2020	AA+	Aaa	1,999,931.21	2,011,764.00	12,635.87	1,999,954.64	2,007,530.00	16,847.83	2,024,377.83
NHCWA 2018 DSRF	3133ELGN8	Farm Credit System	10/13/2022	AA+	Aaa	2,507,264.74	2,572,311.48	18,666.67	2,506,965.06	2,568,754.18	2,000.00	2,570,754.18
NHCWA 2018 DSRF	9128283X6	United States	02/15/2021	AA+	Aaa	1,997,822.80	2,015,860.00	5,747.28	1,998,315.45	2,012,188.00	9,538.04	2,021,726.04
NHCWA 2018 DSRF	9128284P2	United States	05/15/2021	AA+	Aaa	2,001,132.47	2,031,016.00	19,830.16	2,000,980.71	2,026,876.00	24,252.72	2,051,128.72
NHCWA 2018 DSRF	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	1,855,643.80	1,859,778.69	3,102.60	1,855,457.27	1,857,098.34	211.98	1,857,310.32
NHCWA 2018 DSRF	3135G05G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	2,496,558.37	2,499,485.13	1,406.25	2,496,662.38	2,502,679.53	1,927.08	2,504,606.61
NHCWA 2018 DSRF	912828D72	United States	08/31/2021	AA+	Aaa	1,244,349.07	1,271,337.50	2,140.88	1,244,874.72	1,269,238.75	4,281.77	1,273,520.52
NHCWA 2018 DSRF	3137EAEV7	Freddie Mac	08/24/2023	AA+	Aaa	2,000,355.68	2,001,356.22	555.56	2,000,345.38	1,999,789.38	972.22	2,000,761.60
NHCWA 2018 DSRF	3133ELEF7	Farm Credit System	09/20/2021	AA+	Aaa	1,999,042.30	2,028,605.36	1,008.33	1,999,126.51	2,026,550.06	3,758.33	2,030,308.39
NHCWA 2018 DSRF	3137EAEY1	Freddie Mac	10/16/2023	AA+	Aaa	0.00	0.00	0.00	1,992,446.97	1,992,544.76	104.17	1,992,648.93
NHCWA 2018 DSRF	---	---	03/23/2022	AA+	Aaa	31,036,547.36	31,440,933.23	169,085.56	31,125,261.32	31,488,122.92	120,439.86	31,608,562.78

NHCWA - 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
NHCWA - 2017 TWDB DSRF	31846V443	U.S. Bancorp	10/31/2020	AAAm	Aaa	86,469.55	86,469.55	0.00	143,135.82	143,135.82	0.00	143,135.82
NHCWA - 2017 TWDB DSRF	CCYUSD	---	10/31/2020	AAA	Aaa	0.36	0.36	0.00	10,630.34	10,630.34	0.00	10,630.34
NHCWA - 2017 TWDB DSRF	3135G0U92	Federal National Mortgage Association	01/11/2022	AA+	Aaa	504,841.79	521,079.20	2,945.83	504,852.06	519,745.87	4,050.52	523,796.39
NHCWA - 2017 TWDB DSRF	3130A0EN6	Federal Home Loan Banks	12/10/2021	AA+	Aaa	1,504,100.85	1,548,997.16	13,296.88	1,503,814.07	1,545,055.02	16,890.63	1,561,945.65
NHCWA - 2017 TWDB DSRF	912828J76	United States	03/31/2022	AA+	Aaa	1,648,712.59	1,690,090.05	79.33	1,648,785.16	1,687,318.05	2,538.46	1,689,856.51
NHCWA - 2017 TWDB DSRF	9128286M7	United States	04/15/2022	AA+	Aaa	1,513,805.87	1,548,984.00	15,584.02	1,513,052.09	1,545,879.00	1,576.24	1,547,455.24
NHCWA - 2017 TWDB DSRF	3130AEWA4	Federal Home Loan Banks	10/01/2020	AA+	Aaa	1,500,000.00	1,500,000.00	19,687.50	0.00	0.00	0.00	0.00
NHCWA - 2017 TWDB DSRF	9128285Q9	United States	11/30/2020	AA+	Aaa	1,500,468.87	1,506,487.50	13,862.70	1,500,226.62	1,502,992.50	17,356.56	1,520,349.06
NHCWA - 2017 TWDB DSRF	912828T67	United States	10/31/2021	AA+	Aaa	1,691,976.73	1,720,585.30	8,892.66	1,692,594.89	1,718,526.60	58.70	1,718,585.30
NHCWA - 2017 TWDB DSRF	3133ELGN8	Farm Credit System	10/13/2022	AA+	Aaa	1,579,576.78	1,620,556.23	11,760.00	1,579,387.99	1,618,315.13	1,260.00	1,619,575.13
NHCWA - 2017 TWDB DSRF	9128283X6	United States	02/15/2021	AA+	Aaa	1,498,367.10	1,511,895.00	4,310.46	1,498,736.59	1,509,141.00	7,153.53	1,516,294.53
NHCWA - 2017 TWDB DSRF	9128284P2	United States	05/15/2021	AA+	Aaa	1,500,849.35	1,523,262.00	14,872.62	1,500,735.53	1,520,157.00	18,189.54	1,538,346.54
NHCWA - 2017 TWDB DSRF	3135G05G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	1,647,728.52	1,649,660.18	928.13	1,647,797.17	1,651,768.49	1,271.88	1,653,040.36
NHCWA - 2017 TWDB DSRF	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	1,504,576.06	1,507,928.67	2,515.63	1,504,424.81	1,505,755.41	171.88	1,505,927.29
NHCWA - 2017 TWDB DSRF	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	1,547,815.91	1,549,860.65	9,828.13	1,545,434.91	1,546,839.74	12,484.38	1,559,324.11
NHCWA - 2017 TWDB DSRF	912828D72	United States	08/31/2021	AA+	Aaa	1,443,444.93	1,474,751.50	2,483.43	1,444,054.67	1,472,316.95	4,966.85	1,477,283.80
NHCWA - 2017 TWDB DSRF	3137EAEY1	Freddie Mac	10/16/2023	AA+	Aaa	0.00	0.00	0.00	1,494,335.23	1,494,408.57	78.13	1,494,486.70
NHCWA - 2017 TWDB DSRF	---	---	03/28/2022	AA+	Aaa	20,672,735.26	20,960,607.34	121,047.30	20,731,997.96	20,991,985.49	88,047.27	21,080,032.76

**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	10/31/2020	AAAm	Aaa	88,912.59	88,912.59	0.00	93,649.19	93,649.19	0.00	93,649.19
NHCWRA - 2015 TWDB DSRF	CCYUSD	---	10/31/2020	AAA	Aaa	0.44	0.44	0.00	3,125.47	3,125.47	0.00	3,125.47
NHCWRA - 2015 TWDB DSRF	912828T67	United States	10/31/2021	AA+	Aaa	497,640.22	506,054.50	2,615.49	497,822.03	505,449.00	17.27	505,466.27
NHCWRA - 2015 TWDB DSRF	912828S55	United States	12/31/2020	AA+	Aaa	499,982.80	502,941.00	3,158.97	499,988.66	501,882.50	4,211.96	506,094.46
NHCWRA - 2015 TWDB DSRF	912828Z60	United States	01/31/2022	AA+	Aaa	549,710.95	559,131.10	1,274.12	549,729.09	558,421.60	1,911.18	560,332.78
NHCWRA - 2015 TWDB DSRF	9128283X6	United States	02/15/2021	AA+	Aaa	500,637.90	503,965.00	1,436.82	500,493.56	503,047.00	2,384.51	505,431.51
NHCWRA - 2015 TWDB DSRF	9128286V7	United States	05/31/2021	AA+	Aaa	526,344.37	531,993.00	3,749.23	526,173.98	531,029.10	4,694.16	535,723.26
NHCWRA - 2015 TWDB DSRF	3135G05G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	549,242.84	549,886.73	309.38	549,265.72	550,589.50	423.96	551,013.45
NHCWRA - 2015 TWDB DSRF	3135G0T78	Federal National Mortgage Association	10/05/2022	AA+	Aaa	414,277.35	414,830.45	3,911.11	413,674.81	414,048.58	577.78	414,626.35
NHCWRA - 2015 TWDB DSRF	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	501,525.35	502,642.89	838.54	501,474.94	501,918.47	57.29	501,975.76
<b>NHCWRA - 2015 TWDB DSRF</b>	<b>---</b>	<b>---</b>	<b>02/04/2022</b>	<b>AA+</b>	<b>Aaa</b>	<b>4,128,274.80</b>	<b>4,160,357.70</b>	<b>17,293.65</b>	<b>4,135,397.45</b>	<b>4,163,160.40</b>	<b>14,278.10</b>	<b>4,177,438.50</b>

**NHCRWA Improvement Fund**

Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moody's Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amortized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
NHCRWA Improvement Fund	31846V443	U.S. Bancorp	10/31/2020	AAAm	Aaa	324,535.64	324,535.64	0.00	483,271.57	483,271.57	0.00	483,271.57
NHCRWA Improvement Fund	CCYUSD	---	10/31/2020	AAA	Aaa	3.92	3.92	0.00	21,879.53	21,879.53	0.00	21,879.53
NHCRWA Improvement Fund	3133EJT74	Farm Credit System	11/15/2021	AA+	Aaa	3,003,599.27	3,097,830.96	34,566.67	3,003,334.34	3,090,437.73	42,191.67	3,132,629.40
NHCRWA Improvement Fund	3130A0EN6	Federal Home Loan Banks	12/10/2021	AA+	Aaa	2,958,099.61	3,046,361.07	26,150.52	2,957,533.17	3,038,608.21	33,218.23	3,071,826.44
NHCRWA Improvement Fund	9128285V8	United States	01/15/2022	AA+	Aaa	2,997,454.51	3,091,407.00	15,896.74	2,997,618.52	3,085,077.00	22,214.67	3,107,291.67
NHCRWA Improvement Fund	313378WG2	Federal Home Loan Banks	03/11/2022	AA+	Aaa	2,206,345.76	2,274,663.82	3,055.56	2,205,974.07	2,269,852.86	7,638.89	2,277,491.75
NHCRWA Improvement Fund	3135G0T45	Federal National Mortgage Association	04/05/2022	AA+	Aaa	2,252,171.35	2,309,250.60	20,625.00	2,252,050.27	2,304,818.30	3,046.88	2,307,865.18
NHCRWA Improvement Fund	912828XR6	United States	05/31/2022	AA+	Aaa	2,250,261.22	2,310,732.00	13,232.58	2,250,248.13	2,306,688.75	16,567.62	2,323,256.37
NHCRWA Improvement Fund	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	2,260,071.11	2,324,790.97	14,742.19	2,259,574.95	2,320,259.60	18,726.56	2,338,986.17
NHCRWA Improvement Fund	9128282S8	United States	08/31/2022	AA+	Aaa	2,251,508.21	2,314,424.25	3,131.04	2,251,441.58	2,310,293.25	6,262.09	2,316,555.34
NHCRWA Improvement Fund	9128287C8	United States	07/15/2022	AA+	Aaa	2,004,349.54	2,058,124.00	7,418.48	2,004,147.40	2,054,296.00	10,366.85	2,064,662.85
NHCRWA Improvement Fund	313380GJ0	Federal Home Loan Banks	09/09/2022	AA+	Aaa	1,515,461.02	1,554,262.37	1,833.33	1,514,785.93	1,549,984.79	4,333.33	1,554,318.12
NHCRWA Improvement Fund	3130AF2D8	Federal Home Loan Banks	10/15/2020	AA+	Aaa	2,999,855.26	3,003,159.06	39,563.33	0.00	0.00	0.00	0.00
NHCRWA Improvement Fund	912828YK0	United States	10/15/2022	AA+	Aaa	2,489,173.43	2,563,380.00	15,872.61	2,489,617.91	2,559,277.50	1,605.43	2,560,882.93
NHCRWA Improvement Fund	912828T67	United States	10/31/2021	AA+	Aaa	2,985,841.30	3,036,327.00	15,692.93	2,986,932.17	3,032,694.00	103.59	3,032,797.59
NHCRWA Improvement Fund	912828YW4	United States	12/15/2022	AA+	Aaa	2,497,757.55	2,582,227.50	11,987.70	2,497,842.08	2,577,245.00	15,428.62	2,592,673.62
NHCRWA Improvement Fund	912828U65	United States	11/30/2021	AA+	Aaa	2,252,322.32	2,292,363.00	13,232.58	2,252,155.12	2,288,848.50	16,567.62	2,305,416.12
NHCRWA Improvement Fund	912828T67	United States	10/31/2021	AA+	Aaa	497,640.22	506,054.50	2,615.49	497,822.03	505,449.00	17.27	505,466.27
NHCRWA Improvement Fund	912828A83	United States	12/31/2020	AA+	Aaa	2,995,831.06	3,016,719.00	18,006.11	2,997,251.25	3,010,692.00	24,008.15	3,034,700.15
NHCRWA Improvement Fund	3133ELKN3	Farm Credit System	01/28/2022	AA+	Aaa	2,600,449.46	2,647,976.86	7,052.50	2,600,421.10	2,644,103.10	10,410.83	2,654,513.93
NHCRWA Improvement Fund	3133ELGN8	Farm Credit System	10/13/2022	AA+	Aaa	2,256,538.26	2,315,080.33	16,800.00	2,256,268.56	2,311,878.76	1,800.00	2,313,678.76
NHCRWA Improvement Fund	9128283X6	United States	02/15/2021	AA+	Aaa	2,992,206.44	3,023,790.00	8,620.92	2,993,969.94	3,018,282.00	14,307.07	3,032,589.07
NHCRWA Improvement Fund	9128284B3	United States	03/15/2021	AA+	Aaa	3,396,184.68	3,435,060.80	3,569.06	3,396,901.50	3,428,155.40	10,484.12	3,438,639.52
NHCRWA Improvement Fund	3133EJLZ0	Farm Credit System	04/23/2021	AA+	Aaa	3,423,426.50	3,472,801.01	39,458.85	3,423,662.90	3,466,562.41	1,997.92	3,468,560.33
NHCRWA Improvement Fund	9128284T4	United States	06/15/2021	AA+	Aaa	2,992,617.46	3,052,968.00	23,237.70	2,993,495.23	3,046,056.00	29,907.79	3,075,963.79
NHCRWA Improvement Fund	3135G05G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	4,993,116.73	4,998,970.25	2,812.50	4,993,324.77	5,005,359.05	3,854.17	5,009,213.22
NHCRWA Improvement Fund	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	4,012,202.82	4,021,143.12	6,708.33	4,011,799.49	4,015,347.76	458.33	4,015,806.09
NHCRWA Improvement Fund	3130AJ7E3	Federal Home Loan Banks	02/17/2023	AA+	Aaa	4,621,544.12	4,626,114.35	7,562.50	4,617,248.62	4,619,385.81	12,718.75	4,632,104.56
NHCRWA Improvement Fund	3133EL3U6	Farm Credit System	02/01/2023	AA+	Aaa	3,496,403.43	3,498,368.13	857.50	3,496,532.66	3,499,165.08	1,382.50	3,500,547.58
NHCRWA Improvement Fund	912828RC6	United States	08/15/2021	AA+	Aaa	1,793,593.24	1,831,359.60	4,885.19	1,794,207.49	1,828,125.00	8,107.34	1,836,232.34
NHCRWA Improvement Fund	3137EAE54	Freddie Mac	06/26/2023	AA+	Aaa	3,999,118.84	4,003,593.16	2,638.89	3,999,146.21	4,001,495.80	3,472.22	4,004,968.02
NHCRWA Improvement Fund	313378JP7	Federal Home Loan Banks	09/10/2021	AA+	Aaa	2,013,907.91	2,042,154.60	2,770.83	2,012,648.99	2,038,220.52	6,729.17	2,044,949.69
NHCRWA Improvement Fund	3137EAEV7	Freddie Mac	08/24/2023	AA+	Aaa	4,500,800.28	4,503,051.50	1,250.00	4,500,777.10	4,499,526.11	2,187.50	4,501,713.61
NHCRWA Improvement Fund	3137EAEY1	Freddie Mac	10/16/2023	AA+	Aaa	0.00	0.00	0.00	2,988,670.45	2,988,817.14	156.25	2,988,973.39
<b>NHCRWA Improvement Fund</b>	<b>---</b>	<b>---</b>	<b>06/05/2022</b>	<b>AA+</b>	<b>Aaa</b>	<b>87,834,392.46</b>	<b>89,179,048.35</b>	<b>385,847.66</b>	<b>88,002,555.03</b>	<b>89,220,153.51</b>	<b>330,271.41</b>	<b>89,550,424.92</b>



**NHCRWA Coverage Fund**

Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moody's Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amortized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
NHCRWA Coverage Fund	31846V443	U.S. Bancorp	10/31/2020	AAAm	Aaa	133,325.73	133,325.73	0.00	150,205.74	150,205.74	0.00	150,205.74
NHCRWA Coverage Fund	CCYUSD	---	10/31/2020	AAA	Aaa	1.21	1.21	0.00	1,563.22	1,563.22	0.00	1,563.22
NHCRWA Coverage Fund	3137EADB2	Freddie Mac	01/13/2022	AA+	Aaa	327,299.12	334,381.38	1,672.40	327,149.71	333,604.46	2,315.63	335,920.09
NHCRWA Coverage Fund	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	276,230.91	284,141.12	1,801.82	276,170.27	283,587.28	2,288.80	285,876.09
NHCRWA Coverage Fund	9128286M7	United States	04/15/2022	AA+	Aaa	378,451.47	387,246.00	3,896.00	378,263.02	386,469.75	394.06	386,863.81
NHCRWA Coverage Fund	912828YK0	United States	10/15/2022	AA+	Aaa	323,592.54	333,239.40	2,063.44	323,650.33	332,706.08	208.71	332,914.78
NHCRWA Coverage Fund	912828T67	United States	10/31/2021	AA+	Aaa	248,820.11	253,027.25	1,307.74	248,911.01	252,724.50	8.63	252,733.13
NHCRWA Coverage Fund	912828YW4	United States	12/15/2022	AA+	Aaa	749,327.27	774,668.25	3,596.31	749,352.63	773,173.50	4,628.59	777,802.09
NHCRWA Coverage Fund	912828YK0	United States	10/15/2022	AA+	Aaa	324,273.84	333,239.40	2,063.44	324,303.68	332,706.08	208.71	332,914.78
NHCRWA Coverage Fund	3133ELKN3	Farm Credit System	01/28/2022	AA+	Aaa	400,069.15	407,381.06	1,085.00	400,064.78	406,785.09	1,601.67	408,386.76
NHCRWA Coverage Fund	9128284B3	United States	03/15/2021	AA+	Aaa	524,410.87	530,413.80	551.11	524,521.55	529,347.53	1,618.87	530,966.40
NHCRWA Coverage Fund	3133EJLZ0	Farm Credit System	04/23/2021	AA+	Aaa	549,747.32	557,676.08	6,336.46	549,785.28	556,674.26	320.83	556,995.09
NHCRWA Coverage Fund	912828WR7	United States	06/30/2021	AA+	Aaa	473,819.88	482,125.00	2,550.87	473,951.82	481,271.43	3,401.15	484,672.58
NHCRWA Coverage Fund	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	752,288.03	753,964.34	1,257.81	752,212.40	752,877.71	85.94	752,963.64
NHCRWA Coverage Fund	3135G05G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	748,967.51	749,845.54	421.88	748,998.72	750,803.86	578.13	751,381.98
NHCRWA Coverage Fund	3137EAE54	Freddie Mac	06/26/2023	AA+	Aaa	649,856.81	650,583.89	428.82	649,861.26	650,243.07	564.24	650,807.30
NHCRWA Coverage Fund	9128282F6	United States	08/31/2021	AA+	Aaa	496,702.10	504,492.00	481.70	497,009.41	504,101.50	963.40	505,064.90
NHCRWA Coverage Fund	3137EAEV7	Freddie Mac	08/24/2023	AA+	Aaa	750,133.38	750,508.58	208.33	750,129.52	749,921.02	364.58	750,285.60
NHCRWA Coverage Fund	3133EL6R0	Farm Credit System	09/09/2022	AA+	Aaa	749,779.09	750,131.88	68.75	749,788.83	749,573.75	162.50	749,736.25
<b>NHCRWA Coverage Fund</b>	<b>---</b>	<b>---</b>	<b>07/20/2022</b>	<b>AA+</b>	<b>Aaa</b>	<b>8,857,096.33</b>	<b>8,970,391.89</b>	<b>29,791.88</b>	<b>8,875,893.19</b>	<b>8,978,339.80</b>	<b>19,714.42</b>	<b>8,998,054.22</b>

**NHCRWA 2014 DSRF**

Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moody's Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amortized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
NHCRWA 2014 DSRF	31846V443	U.S. Bancorp	10/31/2020	AAAm	Aaa	75,062.44	75,062.44	0.00	83,302.14	83,302.14	0.00	83,302.14
NHCRWA 2014 DSRF	CCYUSD	---	10/31/2020	AAA	Aaa	0.75	0.75	0.00	0.40	0.40	0.00	0.40
NHCRWA 2014 DSRF	3137EADB2	Freddie Mac	01/13/2022	AA+	Aaa	226,591.70	231,494.80	1,157.81	226,488.26	230,956.94	1,603.13	232,560.06
NHCRWA 2014 DSRF	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	200,895.21	206,648.09	1,310.42	200,851.11	206,245.30	1,664.58	207,909.88
NHCRWA 2014 DSRF	9128286M7	United States	04/15/2022	AA+	Aaa	302,761.17	309,796.80	3,116.80	302,610.42	309,175.80	315.25	309,491.05
NHCRWA 2014 DSRF	9128285Q9	United States	11/30/2020	AA+	Aaa	600,075.08	602,595.00	5,545.08	600,036.29	601,197.00	6,942.62	608,139.62
NHCRWA 2014 DSRF	912828YW4	United States	12/15/2022	AA+	Aaa	349,686.06	361,511.85	1,678.28	349,697.89	360,814.30	2,160.01	362,974.31
NHCRWA 2014 DSRF	912828A83	United States	12/31/2020	AA+	Aaa	289,858.30	291,616.17	1,740.59	289,906.57	291,033.56	2,320.79	293,354.35
NHCRWA 2014 DSRF	9128282S8	United States	08/31/2022	AA+	Aaa	175,487.85	180,010.78	243.53	175,466.28	179,689.48	487.05	180,176.53
NHCRWA 2014 DSRF	3133ELKN3	Farm Credit System	01/28/2022	AA+	Aaa	300,051.86	305,535.79	813.75	300,048.59	305,088.82	1,201.25	306,290.07
NHCRWA 2014 DSRF	9128284B3	United States	03/15/2021	AA+	Aaa	324,635.30	328,351.40	341.16	324,703.82	327,691.33	1,002.16	328,693.48
NHCRWA 2014 DSRF	3133EJLZ0	Farm Credit System	04/23/2021	AA+	Aaa	349,839.20	354,884.78	4,032.29	349,863.36	354,247.25	204.17	354,451.42
NHCRWA 2014 DSRF	912828WR7	United States	06/30/2021	AA+	Aaa	299,254.66	304,500.00	1,611.07	299,337.99	303,960.90	2,148.10	306,109.00
NHCRWA 2014 DSRF	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	300,915.21	301,585.73	503.13	300,884.96	301,151.08	34.38	301,185.46
NHCRWA 2014 DSRF	3135G05G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	349,518.17	349,927.92	196.88	349,532.73	350,375.13	269.79	350,644.93
NHCRWA 2014 DSRF	3137EAE54	Freddie Mac	06/26/2023	AA+	Aaa	549,878.84	550,494.06	362.85	549,882.60	550,205.67	477.43	550,683.10
NHCRWA 2014 DSRF	9128282F6	United States	08/31/2021	AA+	Aaa	273,186.16	277,470.60	264.93	273,355.18	277,255.83	529.87	277,785.69
NHCRWA 2014 DSRF	912828YT1	United States	11/30/2021	AA+	Aaa	507,979.36	507,851.50	2,520.49	507,399.19	507,265.50	3,155.74	510,421.24
NHCRWA 2014 DSRF	3137EAEV7	Freddie Mac	08/24/2023	AA+	Aaa	500,088.92	500,339.06	138.89	500,086.34	499,947.35	243.06	500,190.40
<b>NHCRWA 2014 DSRF</b>	<b>---</b>	<b>---</b>	<b>03/25/2022</b>	<b>AA+</b>	<b>Aaa</b>	<b>5,975,766.24</b>	<b>6,039,677.50</b>	<b>25,577.95</b>	<b>5,983,454.13</b>	<b>6,039,603.76</b>	<b>24,759.36</b>	<b>6,064,363.12</b>

**NHCRWA 2013 DSRF**

Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moodys Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amortized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
NHCRWA 2013 DSRF	31846V443	U.S. Bancorp	10/31/2020	AAAm	Aaa	45,338.50	45,338.50	0.00	59,252.15	59,252.15	0.00	59,252.15
NHCRWA 2013 DSRF	CCYUSD	---	10/31/2020	AAA	Aaa	0.90	0.90	0.00	1,562.76	1,562.76	0.00	1,562.76
NHCRWA 2013 DSRF	3137EADB2	Freddie Mac	01/13/2022	AA+	Aaa	528,713.96	540,154.53	2,701.56	528,472.60	538,899.52	3,740.63	542,640.14
NHCRWA 2013 DSRF	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	326,454.72	335,803.14	2,129.43	326,383.05	335,148.61	2,704.95	337,853.56
NHCRWA 2013 DSRF	9128286M7	United States	04/15/2022	AA+	Aaa	454,141.76	464,695.20	4,675.20	453,915.63	463,763.70	472.87	464,236.57
NHCRWA 2013 DSRF	912828YK0	United States	10/15/2022	AA+	Aaa	323,592.54	333,239.40	2,063.44	323,650.33	332,706.08	208.71	332,914.78
NHCRWA 2013 DSRF	912828T67	United States	10/31/2021	AA+	Aaa	248,820.11	253,027.25	1,307.74	248,911.01	252,724.50	8.63	252,733.13
NHCRWA 2013 DSRF	912828YW4	United States	12/15/2022	AA+	Aaa	549,506.66	568,090.05	2,637.30	549,525.25	566,993.90	3,394.30	570,388.20
NHCRWA 2013 DSRF	912828S8	United States	08/31/2022	AA+	Aaa	250,696.93	257,158.25	347.89	250,666.11	256,699.25	695.79	257,395.04
NHCRWA 2013 DSRF	3133ELKN3	Farm Credit System	01/28/2022	AA+	Aaa	500,086.44	509,226.32	1,356.25	500,080.98	508,481.37	2,002.08	510,483.45
NHCRWA 2013 DSRF	9128284B3	United States	03/15/2021	AA+	Aaa	449,495.03	454,640.40	472.38	449,589.90	453,726.45	1,387.60	455,114.05
NHCRWA 2013 DSRF	3133EJLZ0	Farm Credit System	04/23/2021	AA+	Aaa	449,793.26	456,280.43	5,184.38	449,824.32	455,460.75	262.50	455,723.25
NHCRWA 2013 DSRF	912828WR7	United States	06/30/2021	AA+	Aaa	523,695.65	532,875.00	2,819.38	523,841.49	531,931.58	3,759.17	535,690.75
NHCRWA 2013 DSRF	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	601,830.42	603,171.47	1,006.25	601,769.92	602,302.16	68.75	602,370.91
NHCRWA 2013 DSRF	3135G05G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	599,174.01	599,876.43	337.50	599,198.97	600,643.09	462.50	601,105.59
NHCRWA 2013 DSRF	3137EAE54	Freddie Mac	06/26/2023	AA+	Aaa	524,884.35	525,471.60	346.35	524,887.94	525,196.32	455.73	525,652.05
NHCRWA 2013 DSRF	912828W9	United States	09/30/2022	AA+	Aaa	775,964.62	776,103.75	38.63	774,858.61	774,579.75	1,236.26	775,816.01
NHCRWA 2013 DSRF	3137EAEV7	Freddie Mac	08/24/2023	AA+	Aaa	750,133.38	750,508.58	208.33	750,129.52	749,921.02	364.58	750,285.60
NHCRWA 2013 DSRF	912828F21	United States	09/30/2021	AA+	Aaa	572,468.13	586,410.30	33.57	572,682.96	585,332.18	1,074.18	586,406.35
<b>NHCRWA 2013 DSRF</b>	<b>---</b>	<b>---</b>	<b>07/06/2022</b>	<b>AA+</b>	<b>Aaa</b>	<b>8,474,791.37</b>	<b>8,592,071.50</b>	<b>27,665.58</b>	<b>8,489,203.52</b>	<b>8,595,325.12</b>	<b>22,299.23</b>	<b>8,617,624.35</b>

**NHCRWA 2008 DSRF**

Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moodys Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amortized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
NHCRWA 2008 DSRF	31846V443	U.S. Bancorp	10/31/2020	AAAm	Aaa	191,013.35	191,013.35	0.00	227,030.28	227,030.28	0.00	227,030.28
NHCRWA 2008 DSRF	CCYUSD	---	10/31/2020	AAA	Aaa	4.21	4.21	0.00	6,251.07	6,251.07	0.00	6,251.07
NHCRWA 2008 DSRF	3133EJT74	Farm Credit System	11/15/2021	AA+	Aaa	700,839.83	722,827.22	8,065.56	700,778.01	721,102.14	9,844.72	730,946.86
NHCRWA 2008 DSRF	3137EADB2	Freddie Mac	01/13/2022	AA+	Aaa	1,208,489.05	1,234,638.92	6,175.00	1,207,937.38	1,231,770.32	8,550.00	1,240,320.32
NHCRWA 2008 DSRF	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	853,804.64	878,254.37	5,569.27	853,617.20	876,542.52	7,074.48	883,617.00
NHCRWA 2008 DSRF	9128286M7	United States	04/15/2022	AA+	Aaa	706,442.74	722,859.20	7,272.54	706,090.97	721,410.20	735.58	722,145.78
NHCRWA 2008 DSRF	912828YK0	United States	10/15/2022	AA+	Aaa	572,509.89	589,577.40	3,650.70	572,612.12	588,633.83	369.25	589,003.07
NHCRWA 2008 DSRF	9128285Q9	United States	11/30/2020	AA+	Aaa	450,056.31	451,946.25	4,158.81	450,027.22	450,897.75	5,206.97	456,104.72
NHCRWA 2008 DSRF	9128285Q9	United States	11/30/2020	AA+	Aaa	300,074.24	301,297.50	2,772.54	300,035.88	300,598.50	3,471.31	304,069.81
NHCRWA 2008 DSRF	912828T67	United States	10/31/2021	AA+	Aaa	995,280.43	1,012,109.00	5,230.98	995,644.06	1,010,898.00	34.53	1,010,932.53
NHCRWA 2008 DSRF	912828U81	United States	12/31/2021	AA+	Aaa	753,014.07	767,402.25	3,790.76	752,812.53	766,083.75	5,054.35	771,138.10
NHCRWA 2008 DSRF	912828YW4	United States	12/15/2022	AA+	Aaa	749,327.27	774,668.25	3,596.31	749,352.63	773,173.50	4,628.59	777,802.09
NHCRWA 2008 DSRF	912828S8	United States	08/31/2022	AA+	Aaa	526,463.56	540,032.33	730.58	526,398.84	539,068.43	1,461.15	540,529.58
NHCRWA 2008 DSRF	3133ELKN3	Farm Credit System	01/28/2022	AA+	Aaa	750,129.65	763,839.48	2,034.38	750,121.47	762,722.05	3,003.13	765,725.17
NHCRWA 2008 DSRF	3133EJXV6	Farm Credit System	02/23/2021	AA+	Aaa	624,888.10	631,309.77	1,781.25	624,912.03	630,157.35	3,187.50	633,344.85
NHCRWA 2008 DSRF	9128284B3	United States	03/15/2021	AA+	Aaa	973,905.90	985,054.20	1,023.48	974,111.46	983,073.98	3,006.47	986,080.45
NHCRWA 2008 DSRF	3133EJLZ0	Farm Credit System	04/23/2021	AA+	Aaa	974,552.07	988,607.59	11,232.81	974,619.37	986,831.63	568.75	987,400.38
NHCRWA 2008 DSRF	912828WR7	United States	06/30/2021	AA+	Aaa	847,888.20	862,750.00	4,564.71	848,124.32	861,222.55	6,086.28	867,308.83
NHCRWA 2008 DSRF	3135G05G4	Federal National Mortgage Association	07/10/2023	AA+	Aaa	1,248,279.18	1,249,742.56	703.13	1,248,331.19	1,251,339.76	963.54	1,252,303.30
NHCRWA 2008 DSRF	3135G07T8	Federal National Mortgage Association	10/05/2022	AA+	Aaa	1,035,693.37	1,037,076.13	9,777.78	1,034,187.04	1,035,121.44	1,444.44	1,036,565.88
NHCRWA 2008 DSRF	3137EAEQ8	Freddie Mac	04/20/2023	AA+	Aaa	1,253,813.38	1,256,607.23	2,096.35	1,253,687.34	1,254,796.18	143.23	1,254,939.40
NHCRWA 2008 DSRF	3137EAE54	Freddie Mac	06/26/2023	AA+	Aaa	749,834.78	750,673.72	494.79	749,839.91	750,280.46	651.04	750,931.50
NHCRWA 2008 DSRF	9128282F6	United States	08/31/2021	AA+	Aaa	496,702.10	504,492.00	481.70	497,009.41	504,101.50	963.40	505,064.90
NHCRWA 2008 DSRF	9128282W9	United States	09/30/2022	AA+	Aaa	1,034,619.50	1,034,805.00	51.51	1,033,144.82	1,032,773.00	1,648.35	1,034,421.35
NHCRWA 2008 DSRF	3137EAEV7	Freddie Mac	08/24/2023	AA+	Aaa	1,500,266.76	1,501,017.17	416.67	1,500,259.03	1,499,842.04	729.17	1,500,571.20
<b>NHCRWA 2008 DSRF</b>	<b>---</b>	<b>---</b>	<b>05/09/2022</b>	<b>AA+</b>	<b>Aaa</b>	<b>19,497,892.59</b>	<b>19,752,605.08</b>	<b>85,671.60</b>	<b>19,536,935.58</b>	<b>19,765,722.21</b>	<b>68,826.22</b>	<b>19,834,548.43</b>

**NHCRWA 2008 Capital Contributi**

Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moodys Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amotized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
NHCRWA 2008 Capital Contributi	31846V443	U.S. Bancorp	10/31/2020	AAAm	Aaa	2,235,650.58	2,235,650.58	0.00	179,576.97	179,576.97	0.00	179,576.97
NHCRWA 2008 Capital Contributi	CCYUSD	---	10/31/2020	AAA	Aaa	7.66	7.66	0.00	2,017,507.35	2,017,507.35	0.00	2,017,507.35
NHCRWA 2008 Capital Contributi	912828WC0	United States	10/31/2020	AA+	Aaa	1,999,882.74	2,002,688.00	14,646.74	0.00	0.00	0.00	0.00
NHCRWA 2008 Capital Contributi	912828M98	United States	11/30/2020	AA+	Aaa	2,000,013.24	2,004,964.00	10,922.13	2,000,006.40	2,002,270.00	13,674.86	2,015,944.86
NHCRWA 2008 Capital Contributi	912828N48	United States	12/31/2020	AA+	Aaa	2,000,408.57	2,008,056.00	8,845.11	2,000,269.38	2,005,126.00	11,793.48	2,016,919.48
NHCRWA 2008 Capital Contributi	9128285X4	United States	01/31/2021	AA+	Aaa	2,005,503.38	2,015,782.00	8,423.91	2,004,104.98	2,011,436.00	12,635.87	2,024,071.87
NHCRWA 2008 Capital Contributi	9128286D7	United States	02/28/2021	AA+	Aaa	2,510,032.30	2,524,512.50	5,352.21	2,507,958.95	2,519,335.00	10,704.42	2,530,039.42
NHCRWA 2008 Capital Contributi	912828R77	United States	05/31/2021	AA+	Aaa	2,016,316.88	2,016,876.00	9,241.80	2,014,236.45	2,014,532.00	11,571.04	2,026,103.04
NHCRWA 2008 Capital Contributi	9127962Q1	United States	04/22/2021	AA+	Aaa	1,998,377.13	1,998,760.00	0.00	1,998,624.96	1,999,032.00	0.00	1,999,032.00
NHCRWA 2008 Capital Contributi	9127963H0	United States	06/17/2021	AA+	Aaa	1,997,906.42	1,998,418.00	0.00	1,998,157.00	1,998,708.00	0.00	1,998,708.00
NHCRWA 2008 Capital Contributi	9127962F5	United States	03/25/2021	AA+	Aaa	1,998,620.42	1,998,954.00	0.00	1,998,864.80	1,999,246.00	0.00	1,999,246.00
NHCRWA 2008 Capital Contributi	9127963S6	United States	07/15/2021	AA+	Aaa	1,997,608.33	1,998,366.00	0.00	1,997,866.66	1,998,512.00	0.00	1,998,512.00
NHCRWA 2008 Capital Contributi	9127964B2	United States	08/12/2021	AA+	Aaa	1,997,812.50	1,998,118.00	0.00	1,998,027.77	1,998,350.00	0.00	1,998,350.00
NHCRWA 2008 Capital Contributi	9128285A4	United States	09/15/2021	AA+	Aaa	2,255,162.48	2,254,828.40	2,674.03	2,250,221.79	2,249,757.40	7,854.97	2,257,612.37
NHCRWA 2008 Capital Contributi	9128285F3	United States	10/15/2021	AA+	Aaa	0.00	0.00	0.00	2,052,180.51	2,051,718.00	2,685.44	2,054,403.44
<b>NHCRWA 2008 Capital Contributi</b>	<b>---</b>	<b>---</b>	<b>04/23/2021</b>	<b>AA+</b>	<b>Aaa</b>	<b>27,013,302.61</b>	<b>27,055,981.14</b>	<b>60,105.94</b>	<b>27,017,603.98</b>	<b>27,045,106.72</b>	<b>70,920.08</b>	<b>27,116,026.80</b>

**Summary**

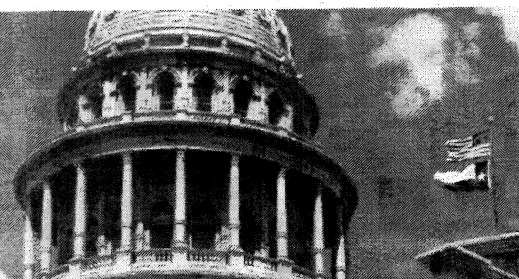
Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moodys Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amotized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
---	---	---	03/25/2022	AA+	Aaa	223,305,652.04	226,099,460.46	981,927.88	223,742,699.82	226,252,014.46	801,861.90	227,053,876.36

\* Grouped by: Account

\* Groups Sorted by: Account

\* Weighted by: Ending Market Value + Accrued





## Monthly Newsletter: November 2020

### ANNOUNCEMENTS

**We welcome the following entities who joined TexPool in October 2020:**

#### **TexPool**

Mason Creek Utility District  
East Harris County Emergency JPB  
Travis County MUD 20  
Sienna Plantation MUD 6  
City of Crandall  
Northwest Williamson County MUD 2

#### **TexPool Prime**

City of Oak Leaf  
City of Corpus Christi  
City of San Angelo  
City of Crandall

#### **Upcoming Events**

Nov 04, 2020 - Nov 06, 2020,  
GFOAT Fall Conference  
Virtual Conference

#### **TexPool Advisory Board Members**

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

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

Operated under the supervision of the Texas Treasury Safekeeping Trust Company

### Economic and Market Commentary: Plenty on the plate

November 1, 2020

Historically, the money markets don't experience volatility anywhere near that of other asset classes, but they don't like uncertainty any less than their equity and fixed-income brethren. No matter what results Election Day brings, there will be heightened anxiety and many unknowns. What will it mean for much-needed fiscal stimulus, shifts in policy and potential regulations? And as fate—or rather the U.S. Constitution—would have it, national elections run up against year-end, adding unwanted pressure to an already stressful affair. It's nothing cash managers can't handle, and we expect it to abate when we—finally—shut the door on 2020.

But 2020 will be with us for quite a while as the world recovers from the heath crisis and economic aftermath. In the financial sphere, we will see continued scrutiny of the money markets. This is unfair, as the Federal Reserve intervened to support the entire financial system, especially both commercial paper and CD primary- and secondary-market trading. Banks and dealers didn't make markets with their own paper, let alone that of other firms. That was unprecedented. The focus must be there.

The future of the cash-management sector is, of course, not just about the past. Plans to enhance access to it both across the globe and through an expanded window of time

(continued page 6)

#### Performance as of October 31, 2020

	<b>TexPool</b>	<b>TexPool Prime</b>
Current Invested Balance	\$21,923,808,618.19	\$8,324,884,047.26
Weighted Average Maturity**	39	52
Weighted Average Life**	106	65
Net Asset Value	1.00027	1.00009
Total Number of Participants	2633	432
Management Fee on Invested Balance	0.0450%	0.0550%
Interest Distributed	\$2,522,136.11	\$1,580,474.81
Management Fee Collected	\$753,478.63	\$346,731.71
Standard & Poor's Current Rating	AAAm	AAAm
<b>Month Averages</b>		
Average Invested Balance	\$22,259,416,905.15	\$8,166,105,858.51
Average Monthly Rate*	0.13%	0.23%
Average Weighted Average Maturity**	39	52
Average Weighted Average Life**	107	63

\*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.

Phone: 1-866-TEXPOOL (839-7665) · Fax: 1-866-839-3291 · TexPool.com

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# TexSTAR

## MONTHLY NEWSLETTER

### OCTOBER 2020

## PERFORMANCE

### As of October 31, 2020

### October Averages

Current Invested Balance	\$9,083,922,054.96	Average Invested Balance	\$9,281,363,172.03
Weighted Average Maturity (1)	39 Days	Average Monthly Yield, on a simple basis	0.1150%
Weighted Average Maturity (2)	97 Days	Average Weighted Maturity (1)*	42 Days
Net Asset Value	1.000203	Average Weighted Life (2)*	100 Days
Total Number of Participants	933	Definition of Weighted Average Maturity (1) & (2)	
Management Fee on Invested Balance	0.06%*	(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.	
Interest Distributed	\$1,378,348.47	(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.	
Management Fee Collected	\$471,691.86	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.	
% of Portfolio Invested Beyond 1 Year	7.22%		
Standard & Poor's Current Rating	AAAm		

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

## NEW PARTICIPANTS

We would like to welcome the following entities who joined the TexSTAR program in October:

- \* Oak Point Water Control and Improvement District No. 2

## HOLIDAY REMINDER

In observance of the **Veterans Day holiday**, TexSTAR will be closed **Wednesday, November 11, 2020**. All ACH transactions initiated on Tuesday, November 10th will settle on Thursday, November 12th.

In observance of the **Thanksgiving Day holiday**, TexSTAR will be closed **Thursday, November 26, 2020**. All ACH transactions initiated on Wednesday, November 25th will settle Friday, November 27th. Notification of any early transaction deadlines on the day preceding or following this holiday will be sent out by email to the primary contact on file for all TexSTAR participants.

## ECONOMIC COMMENTARY

### Market review

A resurgence of COVID-19 cases, ongoing fiscal stimulus negotiations, and the U.S. presidential election dominated headlines during the month of October. While this uncertainty caused some volatility out the curve, Treasury bill yields were relatively unchanged, with the three-month T-bill yield ending the month at 0.09% and the one-year T-bill yield ending at 0.12%.

The U.S. economy posted a sharp recovery in the third quarter with GDP surging 33.1% quarter over quarter (q/q) at a seasonally adjusted annual rate, driven by a resilient consumer and an unprecedented monetary-fiscal policy response. While it was the best quarterly GDP print on record, it followed the worst quarterly GDP print on record of -31.4% in the second quarter. Despite a solid bounce back, economic output is still about 3.5% below its 4Q2019 level. Looking ahead, the economic recovery should slow considerably, averaging 2-3% growth per quarter annualized in 4Q2020 and into 2021, and the stability of the recovery relies on additional fiscal stimulus from the government. Last week, durable goods orders had a solid increase of 1.9% month over month (m/m), personal income grew 0.9% in September and consumer spending rose 1.4%, driven by goods consumption.

Nonfarm payrolls increased by 661,000 in September, and the unemployment rate fell to 7.9%. Leisure and hospitality accounted for nearly half of the job gains, but government jobs declined by 216,000, including 34,000 temporary Census 2020 workers.

(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 10/28/2020



NOV 3 2020 PM 12:25

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		36179R3D9	GOVT NAT MTG ASSN II	3.0000	3/20/2031	2,160,000.00	751,409.31	10/28/2020	786,177.02	104.627
4435	Zions Bancorporation, National Association		36179RJU4	GOVT NAT MTG ASSN II	3.0000	7/20/2045	68,200,000.00	7,260,740.45	10/28/2020	7,438,555.99	102.449
4435	Zions Bancorporation, National Association		36179SRL3	GOVT NAT MTG ASSN II	3.0000	11/20/2046	9,400,000.00	1,792,453.57	10/28/2020	1,851,102.65	103.272
4435	Zions Bancorporation, National Association		36179STB3	GOVT NAT MTG ASSN II	3.0000	12/20/2046	19,000,000.00	3,655,942.00	10/28/2020	3,772,932.14	103.200
4435	Zions Bancorporation, National Association		36179SU88	GOVT NAT MTG ASSN II	2.5000	1/20/2047	6,800,000.00	2,512,304.54	10/28/2020	2,576,242.69	102.545
4435	Zions Bancorporation, National Association		36179SZE0	GOVT NAT MTG ASSN II	3.0000	3/20/2047	1,600,000.00	393,863.63	10/28/2020	407,633.10	103.496
4435	Zions Bancorporation, National Association		36179T2P9	GOVT NAT MTG ASSN II	2.5000	6/20/2048	4,530,000.00	1,280,916.16	10/28/2020	1,325,684.18	103.495
4435	Zions Bancorporation, National Association		36179TDL6	GOVT NAT MTG ASSN II	2.0000	7/20/2047	3,550,000.00	1,201,033.69	10/28/2020	1,236,199.96	102.928
4435	Zions Bancorporation, National Association		36179TFL4	GOVT NAT MTG ASSN II	2.0000	8/20/2047	27,080,000.00	8,170,277.01	10/28/2020	8,408,849.10	102.920
4435	Zions Bancorporation, National Association		36179TKK0	GOVT NAT MTG ASSN II	2.0000	10/20/2047	60,000.00	20,917.80	10/28/2020	21,542.19	102.985
4435	Zions Bancorporation, National Association		36179TMB8	GOVT NAT MTG ASSN II	2.0000	11/20/2047	1,900,000.00	762,887.43	10/28/2020	785,362.09	102.946
4435	Zions Bancorporation, National Association		36179TPB5	GOVT NAT MTG ASSN II	2.0000	12/20/2047	1,410,000.00	622,433.16	10/28/2020	641,106.16	103.000
4435	Zions Bancorporation, National Association		36179TS30	GOVT NAT MTG ASSN II	2.5000	2/20/2048	1,985,000.00	1,020,910.79	10/28/2020	1,058,408.84	103.673
4435	Zions Bancorporation, National Association		36179TUV5	GOVT NAT MTG ASSN II	2.5000	3/20/2048	725,000.00	297,343.80	10/28/2020	307,866.80	103.539
4435	Zions Bancorporation, National Association		36179UAH5	GOVT NAT MTG ASSN II	3.0000	8/20/2048	22,725,000.00	12,105,918.15	10/28/2020	12,520,303.73	103.423
4435	Zions Bancorporation, National Association		36179UEM0	GOVT NAT MTG ASSN II	3.5000	9/20/2048	8,950,000.00	3,691,619.48	10/28/2020	3,839,062.76	103.994
4435	Zions Bancorporation, National Association		36179UGQ9	GOVT NAT MTG ASSN II	3.5000	11/20/2048	9,520,798.00	4,106,348.64	10/28/2020	4,271,423.86	104.020

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

Page 1 of 2



**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 10/28/2020



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		36179ULA8	GOVT NAT MTG ASSN II	3.0000	1/20/2049	7,885,000.00	4,417,627.79	10/28/2020	4,578,694.49	103.646
	* Member		# of Securities:		18	Amount Totals:	197,480,798.00	54,064,947.40		55,827,147.75	
	** Agency		# of Securities:		18	Amount Totals:	197,480,798.00	54,064,947.40		55,827,147.75	

## 10

(109,378)
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NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY OPERATING BUDGET PLANNING REPORT FISCAL YEAR 2020			
	PROJECTED TOTAL	ORIGINAL BUDGET	PROPOSED BUDGET
	2019	2019	2020
<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 10/1/2020 Through 10/31/2020

Check Date	Check Number	Vendor Name	Check Amount
10/5/2020	7023	KELLY P. FESSLER	138.52
10/5/2020	7024	JAMES PULLIAM	330.05
10/5/2020	7025	ALAN J. RENDL	593.65
10/5/2020	7026	LENOX SIGLER	138.52
10/5/2020	7027	AECOM USA GROUP INC.	9,225.60
10/5/2020	7028	BLUE CROSS OF TEXAS	12,539.89
10/5/2020	7029	BRESNENASSOCIATES, INC.	0.00
10/5/2020	7030	BRH - GARVER CONSTRUCTION, LTD.	25,000.00
10/5/2020	7031	CONSTELLATION NEW ENERGY, INC.	53,980.21
10/5/2020	7032	HARRIS-GALVESTON SUBSIDENCE DISTRICT	37,860.00
10/5/2020	7033	CITY OF HOUSTON UTILITY CUSTOMER SERVICE	4,970.00
10/5/2020	7034	CITY OF HOUSTON UTILITY CUSTOMER SERVICE	1,475,640.23
10/5/2020	7035	INFRAMARK LLC	133,366.94
10/5/2020	7036	PAYNE COMMUNICATIONS	6,670.00
10/5/2020	7037	RADCLIFFE BOBBITT ADAMS POLLEY PLLC	27,763.14
10/5/2020	7038	TRISON PROPERTIES	13,227.63
10/6/2020	EFTPS10/06/2020	INTERNAL REVENUE SERVICE	183.62
10/15/2020	401W10/15/2020	VANTAGEPOINT TRANSFER AGENTS - 401	2,688.28
10/15/2020	401X10/15/2020	VANTAGEPOINT TRANSFER AGENTS - 401	3,763.96
10/15/2020	457W10/15/2020	VANTAGEPOINT TRANSFER AGENTS - 457	5,975.54
10/15/2020	FSA10/15/2020	CLARITY BENEFIT SOLUTIONS	189.17
10/30/2020	401W10/30/2020	VANTAGEPOINT TRANSFER AGENTS - 401	2,688.28
10/30/2020	401X10/30/2020	VANTAGEPOINT TRANSFER AGENTS - 401	3,754.98
10/30/2020	457W10/30/2020	VANTAGEPOINT TRANSFER AGENTS - 457	5,051.30
10/30/2020	EFTPS10/30/2020	INTERNAL REVENUE SERVICE	12,454.37
10/30/2020	FSA10/30/2020	CLARITY BENEFIT SOLUTIONS	189.17
10/31/2020	EFTPS10/15/2020	INTERNAL REVENUE SERVICE	12,342.67
Total 1110 - Cash in Bank - Amegy Operating acct			1,850,725.72

# North Harris County Regional Water Authority

Check/Voucher Register

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

From 10/1/2020 Through 10/31/2020

Check Date	Check Number	Vendor Name	Check Amount
10/1/2020	8700	CHRIS HOLLINS, HARRIS COUNTY CLERK	16,363.00
10/2/2020	8701	GARY D. AND JANATH E. WATSON	5,050.00
10/5/2020	8702	AECOM USA GROUP INC.	360,703.25
10/5/2020	8703	ARCADIS	47,954.04
10/5/2020	8704	AURORA TECHNICAL SERVICES, LLC	51,850.40
10/5/2020	8705	BINKLEY & BARFIELD, INC.	2,780.50
10/5/2020	8706	CAROLLO	19,198.36
10/5/2020	8707	DANNENBAUM ENGINEERING CORPORATION	489,987.49
10/5/2020	8708	E. P. BRADY, INC.	288,052.71
10/5/2020	8709	FREESE AND NICHOLS	6,567.99
10/5/2020	8710	IDS ENGINEERING GROUP	52,723.00
10/5/2020	8711	JONES & CARTER, INC.	1,409.25
10/5/2020	8712	KIMLEY-HORN AND ASSOCIATES, INC.	32,475.10
10/5/2020	8713	LOCKWOOD, ANDREWS & NEWNAM, INC.	12,681.90
10/5/2020	8714	PAS PROPERTY ACQUISITION SERVICES, LLC	175,702.28
10/5/2020	8715	UNIVERSAL FIELD SERVICES, INC.	169,435.23
10/5/2020	8716	V&A CONSULTING ENGINEERS INC	28,475.50
10/5/2020	8717	ZARINKELK ENGINEERING SERVICES, INC.	19,953.56
10/8/2020	8718	HANNA JADALLA AL-BANDAK AND	40,000.00
10/8/2020	8719	ALL STAR SUBCOOLED, LLC	35,000.00
10/8/2020	8720	WELLS FARGO BANK, NA	4,084.80
10/12/2020	8721	MINH T. DAO AND KIM MINH THI TRUONG	4,579.00
10/12/2020	8722	TEXAS SPECIALTY HOMES, L.P.	105,000.00
10/20/2020	8723	THE MANOR LAW FIRM PC	1,045.40
10/20/2020	8724	OLD REPUBLIC NATIONAL TITLE INSURANCE CO	53,249.60
10/29/2020	8725	SHOMER VI, LTD.	20,000.00
10/29/2020	8726	GARY D. AND JANATH E. WATSON	2,983.00
Total 1115 - Cash in Bank - Amegy Cap Proj 2003			2,047,305.36

# North Harris County Regional Water Authority

Check/Voucher Register

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

From 10/1/2020 Through 10/31/2020

Check Date	Check Number	Vendor Name	Check Amount
10/13/2020	18030	AAWRE	150.00
10/13/2020	18031	AT&T	383.58
10/13/2020	18032	AT&T	375.24
10/13/2020	18033	AT&T	42.84
10/13/2020	18034	CENTERPOINT ENERGY	18.09
10/13/2020	18035	CLARITY BENEFIT SOLUTIONS	47.50
10/13/2020	18036	COMCAST	133.35
10/13/2020	18037	DXI INDUSTRIES, INC.	4,853.75
10/13/2020	18038	HARRIS COUNTY MUD 217	47.50
10/13/2020	18039	THE HOUSTON CHRONICLE	70.00
10/13/2020	18040	MIDDLEMAN MESSENGER	83.00
10/13/2020	18041	NAPCO CHEMICAL COMPANY	5,262.40
10/13/2020	18042	NAPCO CHEMICAL COMPANY	5,175.00
10/13/2020	18043	QUILL	102.17
10/13/2020	18044	RYAN LANCLOS	3,000.00
10/13/2020	18045	SPRINT	2,974.26
10/13/2020	18046	TEXAS WATER CONSERVATION ASSOCIATION	1,425.00
10/13/2020	18047	THOMSON REUTERS - WEST PAYMENT CENTER	78.00
10/13/2020	18048	ZOOM VIDEO COMMUNICATIONS INC.	959.76
10/28/2020	18049	AMEGY BANK OF TEXAS	2,350.00
10/28/2020	18050	BANKCARD CENTER	1,321.41
10/28/2020	18051	AT&T	1,252.69
10/28/2020	18052	AT&T	154.85
10/28/2020	18053	AT&T	425.63
10/28/2020	18054	AT&T MOBILITY	173.82
10/28/2020	18055	ASSOCIATION OF WATER BOARD DIRECTORS	50.00
10/28/2020	18056	CALDWELL NETWORK SERVICES, LLC.	825.00
10/28/2020	18057	CAVALLO ENERGY TEXAS LLC	13.51
10/28/2020	18058	DXI INDUSTRIES, INC.	0.00
10/28/2020	18059	EDP	500.00
10/28/2020	18060	HAMLET HOVSEPIAN	320.00
10/28/2020	18061	JUN CHANG	511.21
10/28/2020	18062	JIMMIE SCHINDEWOLF	1,225.00
10/28/2020	18063	MARK EVANS	520.00
10/28/2020	18064	MIDDLEMAN MESSENGER	198.00
10/28/2020	18065	NAPCO CHEMICAL COMPANY	4,912.80
10/28/2020	18066	PERSONALIZED COMMUNICATIONS, INC.	128.28
10/28/2020	18067	QUILL	266.06
10/28/2020	18068	READYREFRESH BY NESTLE	106.30
10/28/2020	18069	SHOWRI NANDAGIRI	200.00
10/28/2020	18070	THE TEXAS NETWORK	2,899.00
10/28/2020	18071	THE TEXAS NETWORK	1,415.00
10/31/2020	OCT 2020 GUARD	GUARDIAN	4,562.30



# North Harris County Regional Water Authority

Check/Voucher Register

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

From 10/1/2020 Through 10/31/2020

Check Date	Check Number	Vendor Name	Check Amount
		Total 1120 - Cash in Bank - Amegy Admin. Expense	49,512.30

# North Harris County Regional Water Authority

Check/Voucher Register

## 1600 - Construction Fund 2008 - TexPool Prime

From 10/1/2020 Through 10/31/2020

Check Date	Check Number	Vendor Name	Check Amount
10/23/2020	NETL-013-NHCRWA	CITY OF HOUSTON	494,640.00
		Total 1600 - Construction Fund 2008 - TexPool Prime	494,640.00
Report Total			4,442,183.38