



**NHCRWA Board Meeting**  
**JULY 6, 2020**





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



# CONGRATULATIONS, LISA SAGSTETTER! 20<sup>TH</sup> NHCRWA ANNIVERSARY





# SPECIAL OUTREACH ITEMS:

- TOP 10 IRRIGATION TIPS - POSTERS
- PATTY POTTY BILLING INSERTS – Limited quantity
- PATTY POTTY “NO WIPES...” YARD SIGNS

## Top 10 for your yard water-saving tips

<b>1</b> DON'T WATER TOO MUCH!	<b>2</b> USE NATIVE PLANTS!
<b>3</b> ZONE IRRIGATION TO MATCH WATER NEEDS!	<b>4</b> MINIMIZE THIRSTY TURF AREAS!
<b>5</b> WATER DEEPLY, WATER LESS!	<b>6</b> DON'T CUT THE GRASS TOO SHORT!
<b>7</b> USE PLENTY OF COMPOST AND MULCH!	<b>8</b> CONSIDER INSTALLING DRIP IRRIGATION IN FLOWER BEDS!
<b>9</b> APPLY FERTILIZER SPARINGLY!	<b>10</b> USE RAIN SENSOR OR CONTROLLER!

### Facts about potential water savings -- Residential Lawn and Garden Irrigation

During the spring and summer months, approximately 80 percent of the water we use is for irrigation...and about 50 percent of that water is WASTED! The days of cheap and plentiful water supplies are behind us...and it is time that we all learn to use this precious natural resource more efficiently.

- ◆ Use only as much water on your lawn as you absolutely need to. Studies show that the average homeowner uses more than four times the actual amount of water needed to keep a lawn healthy and looking great.
- ◆ When watering, thoroughly wet soils to a depth of about 6 inches. One inch of water will accomplish a 6-inch moisture level in the soil, but this will vary according to soil mineral type. Shallow watering encourages shallow roots that dry out fast. Also wait as long as possible between watering cycles to allow the root zone to dry out...which encourages deeper roots and better drought tolerance.
- ◆ Water your lawn and garden in the very early morning or after sunset. If you water in the middle of the day, evaporation prevents about 14 percent of the water from ever reaching the plants' roots. Early or late watering can save the resident as much as 87 gallons a week...that's 4,524 gallons a year. For you trivia buffs, that's equal to nine times the annual rainfall in Seattle.
- ◆ Reduce the irrigation cycle by 1-3 minutes, or eliminate one irrigation cycle per week. Your potential savings can add up to 15-25 gallons per minute, or up to 250 gallons per cycle.
- ◆ Upgrade to a 'smart' irrigation controller that automatically adjusts watering times for hotter weather, and shuts down the system when it rains. This equipment can save up to 40 gallons of water per day!

Information provided by the Houston Gulf Coast Irrigation Association

**TRASH 'EM DON'T FLUSH 'EM!**

**NO WIPES IN THE PIPES!**

**SAVE WATER TEXAS COALITION**

[PattyPotty.com](http://PattyPotty.com)

**TRASH 'EM DON'T FLUSH 'EM!**

**THERE IS NOTHING WRONG WITH THESE PRODUCTS... THE PROBLEM IS HOW PEOPLE DISPOSE OF THEM.**

**NO WIPES IN THE PIPES!**

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



# REMINDER...

- **Rising Cost of Water brochure – order online**
- **Series of billing inserts available to order online**
- **Yard/irrigation inserts to come**

**A LEAKY FAUCET**  
Can waste thousands of dollars a year!



**THAT'S MONEY DOWN THE DRAIN!**

**WATER LESS SAVE MORE**  
savewater.texas.org

**LEAKY TOILET?**  
The single greatest water waster in the home is a leaking TOILET!



A leak of one gallon every six minutes adds up to ten gallons an hour, or 240 gallons per day!

**WATER LESS SAVE MORE**  
savewater.texas.org

**RUN THE DISHWASHER ONLY WHEN IT'S FULL!**



**Save water, energy and money!**

**WATER LESS SAVE MORE**  
savewater.texas.org

**STOP THOSE LEAKS**

Save water and money! Stop leaky faucets and toilets.



More than 10% of the water used in the home can be due to leaks.

Check routinely for leaking faucets, leaking toilets, and leaking appliances. Watch your water bill for any sudden increase in usage without changing your usual patterns. Fixing leaky faucets and plumbing joints can save 20 gallons a day for each one stopped.

**WATER LESS SAVE MORE**  
savewater.texas.org

**TAKE SHORTER SHOWERS**

Even a one or two minute shorter shower can save up to 700 gallons of water a month.



Multiply that reduction in water use by the number of people in your household and you're talking about some serious water savings!

**WATER LESS SAVE MORE**  
savewater.texas.org

**THE WASHING MACHINE**  
The second largest water user in your home.

Can account for as much as 22% of residential water use.



**RUN ONLY WITH FULL LOADS**  
MINIMUM VOLUME SHORTER WASH CYCLES

**WATER LESS SAVE MORE**  
savewater.texas.org

**TURN OFF THE WATER WHILE BRUSHING YOUR TEETH**



Did you know that turning off the water while you brush your teeth can save four gallons each time? In one year that adds up to be about 2,880 gallons of water!

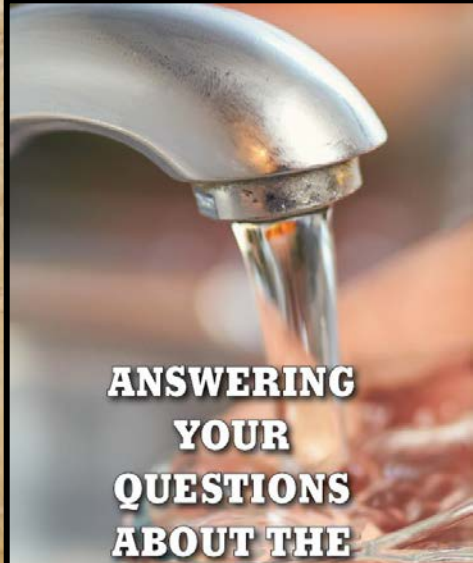
**WATER LESS SAVE MORE**  
savewater.texas.org

**WATER IS LIFE**



*Every Living Creature Needs It To Survive!*

**WATER LESS SAVE MORE**  
savewater.texas.org



**ANSWERING YOUR QUESTIONS ABOUT THE RISING COST OF WATER**

**North Harris County REGIONAL WATER Authority**

*Every Living Creature Needs It To Survive!*

March 2020



# GENERAL MANAGER'S REPORT

- **Update on status of Surface Water Conversion Program;**
- **Update on Texas Water Development Board SWIFT funding;**
- **Update on 2010-2025 Water Distribution and Transmission System;**





# PROGRAM MANAGER'S REPORT





# Surface Water Conversion

- During June Spears Road Regional Pump Station delivered surface water at an average daily rate of approximately 30.4 MGD.
- Alternative water usage during May was approximately 31.7% as compared to approximately 32.6% in April.
- During May approximately 77.6% 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. **Received 11 bids on June 23rd. Recommendation to Award to E.P. Brady LTD.**
- 28C – Mills Road 60-inch. Acquisition on-going. Joint ROW Acquisition with HC Pct 4 along Mills Road.
- 28D – Mills Road 60-inch. Acquisition on-going. To bid for construction soon.
- 28E – 16-inch WL and 5 water receiving facilities. Consultants finalizing plans. Acquisition on-going.
- 28F – 16-inch WL and 5 water receiving facilities. Acquisition on-going. To bid for construction soon.
- 28G – N. Gessner 84-inch. Final Design underway. **75% submittal June 24<sup>th</sup> in review.**
- 24C – SH249 Regional PS. Final Design underway. Package 1 at 90%. Package 2 90% submittal soon.
- 25A – 84-inch Transmission. Final Design underway. At 95% Final Design Submittal.
- 25B - 84-inch Transmission. Final Design underway. At 95% Final Design Submittal.
- 25C - 84-inch Transmission. Final Design underway. Working towards 95% Submittal.
- 25D - 84-inch Transmission. Final Design underway. At 95% Final Design Submittal.
- 25E – 36-inch Interconnect. **Consultant team and Acquisition team in Final Design submitted 50% drawings.**
- 2-8 – Spears Road Regional Pump Station Upgrade. Updating to include Project 25E Tie-In.
- 6C-1 – 16-inch WL and connection to Faulkey Gully MUD. Route & Alignment Study complete. **Final Design soon.**
- 6C-2 – 16-inch WL and connection to NWHCMUD5. Route & Alignment Study complete. **Final Design to begin soon.**
- 7D-1 – 16-inch & 30-inch WL and connection to NWHCMUD32. Route & Alignment Study complete. **Final Design to begin soon.**
- 6B-3R – Telge Road WL Realignment – Harris County ILA – Met with HC Pct 4 on 2/21 – Project being updated due to Atlas 14.
- 23A – Hardy Road Meter Station & Take Point Site Planning & Acquisition.
- 31 – 2nd Loop 16~ miles of 12-inch through 48-inch. Route & Alignment Study nearly complete. Final Design and ROW Mapping to begin soon.
- 1A-4 – Bammel UD 12-inch WL extension to WP# 1. Consultant team to begin final design soon.

20 Active Projects

5 In or Near  
Construction

11 In Final Design

4 In Planning or  
Preliminary  
Engineering



# Regional Water Projects

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





# Luce Bayou Interbasin Transfer Project



Vertical Turbine Pump Cans - Capers Ridge Pumping Station – Trinity River





**48-inch Discharge Piping**





**48-inch Discharge Piping**





**48-inch Discharge Piping**



# Northeast Water Purification Plant

- Balance of Plant (BOP)

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

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

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

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

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

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

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

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

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



WATER PURIFICATION PLANT EXPANSION

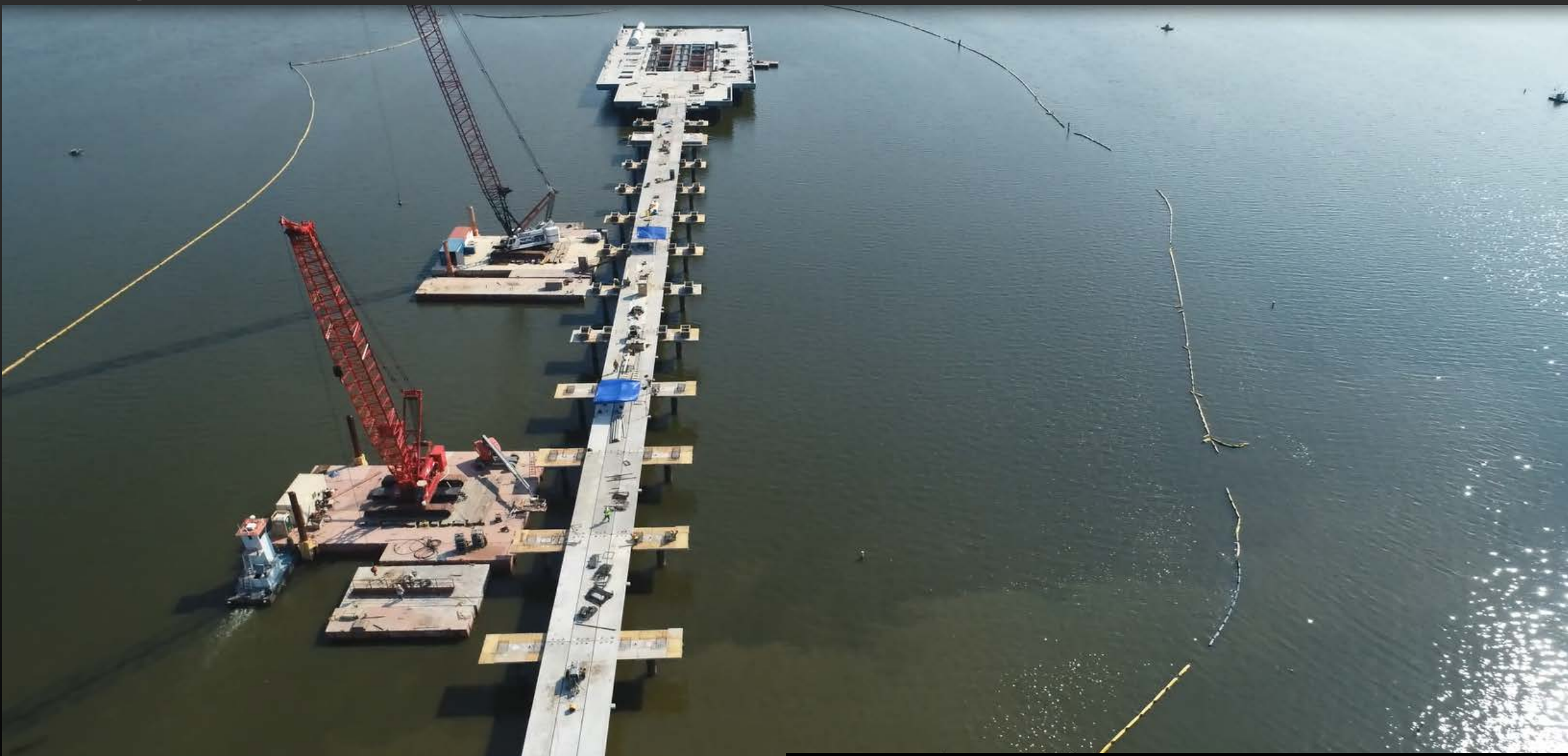
[www.newppexpansion.com](http://www.newppexpansion.com)





**Existing & New Raw Water Facilities at Lake Houston**





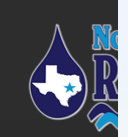
**NEWPP Intake Pump Station Over Lake Houston**





Phase I – West Plant Modules





ine it.  
ered.



**Dewatering Building – Steel Framing**





**Administration Building – Foundation**



# Northeast Transmission Line (“NETL”)

- One (1) 108-inch line (0156) & the 54-inch interconnect (0127) is Substantially Complete.
- Construction of the 120-inch section of line (Project S-000900-0174) has reached Final Completion.
- Construction of six (6) sections of the 108-inch line (0126,0154,0155,0140, 0164 and 0168) is ongoing.
- Real estate acquisition efforts continue on several sections of the line.
- June 16<sup>th</sup> Award to Harper Bros. for a 108-inch section (0165). (Notice to Proceed is pending)
- June 23<sup>rd</sup> Award Five Companies for a 108-inch section (0157). (Notice to Proceed is pending)
- Proposals were received for a 108-inch section (0167) on May 7
- Proposals were received for a 66-inch section (0166) on May 14
- Estimated Construction Costs for all 13 segments ~ \$353.29 million

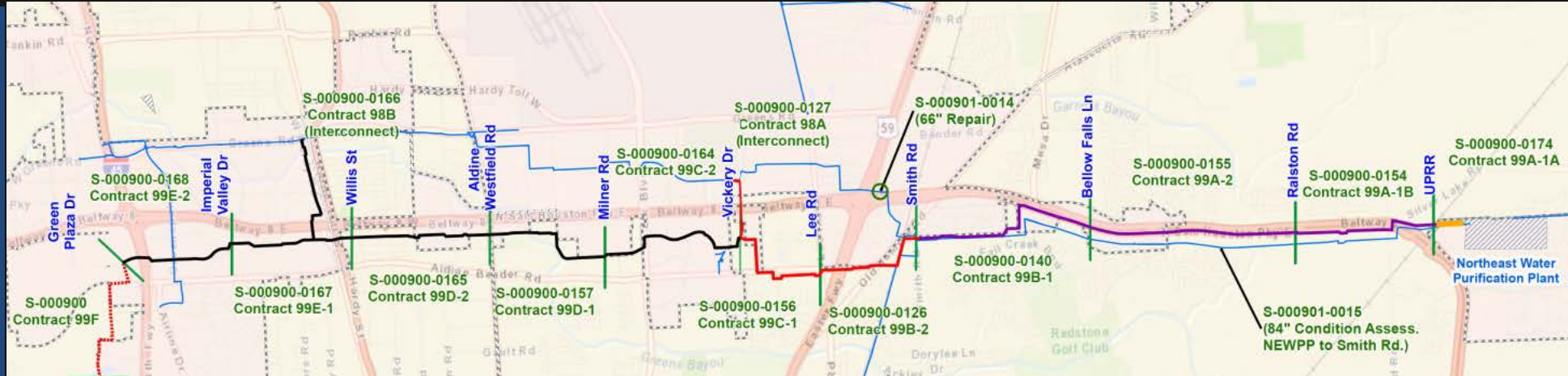
**Approx. 16.5 miles**

**1 - 120 inch**

**10 – 108 inch**

**1 – 66 in. interconnect**

**1 – 54 inch interconnect**

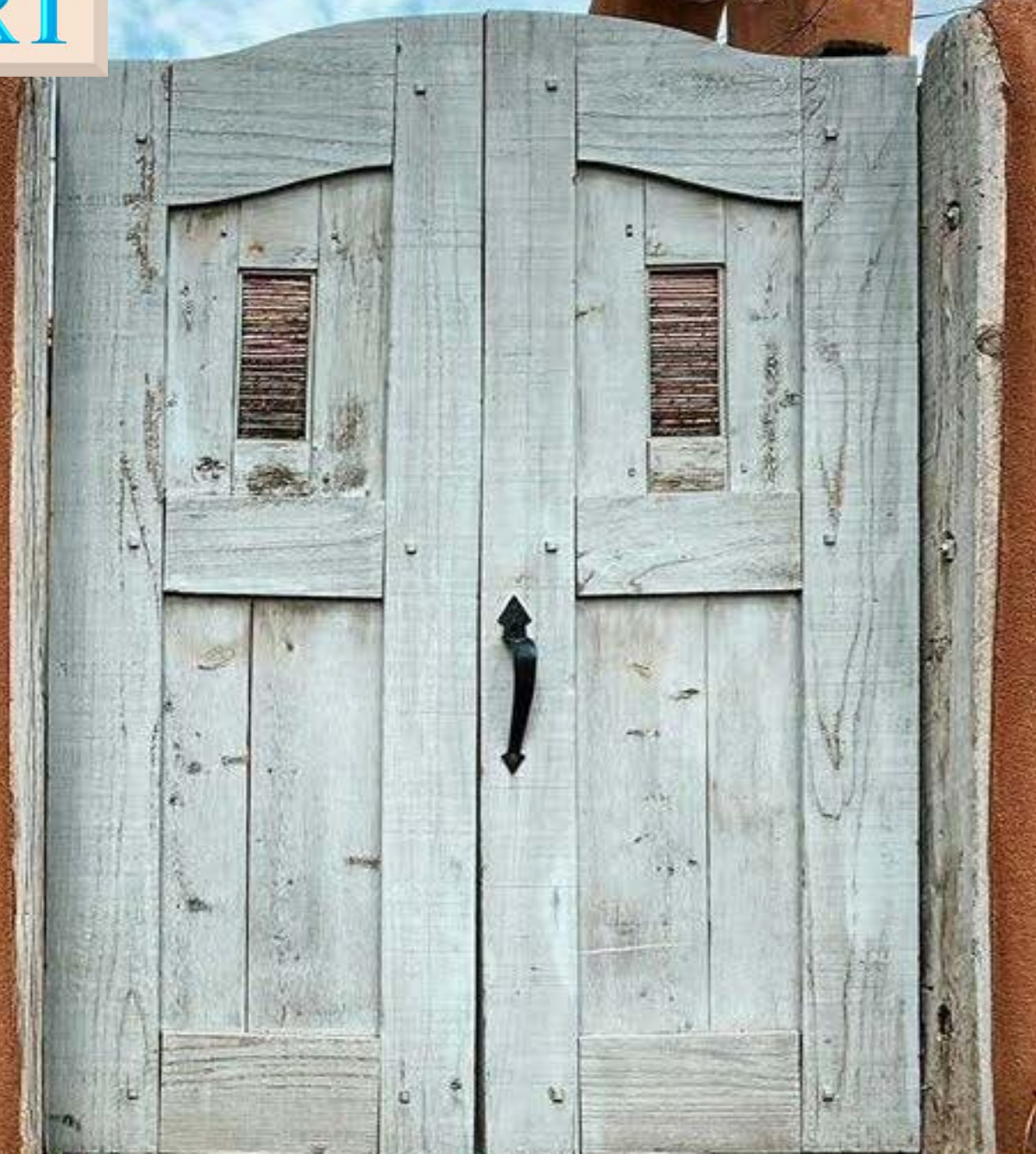




# Questions ?



# ATTORNEY'S REPORT





# APPROVAL OF MINUTES







# MAY

# Financial

# Report



# Financial Report Summary

As of May 31, 2020

Total Enterprise Fund Balance:

**\$1,221,949,953.29**

CAPITAL FUNDS	\$	768,752,802.60
INTEREST & SINKING AND DEBT SERVICE RESERVES	\$	177,057,471.23
COVERAGE AND IMPROVEMENT FUNDS	\$	241,913,071.24
OPERATING FUNDS	\$	34,226,608.22
<b>ENTERPRISE FUND BALANCE</b>	<b>\$</b>	<b>1,221,949,953.29</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.**



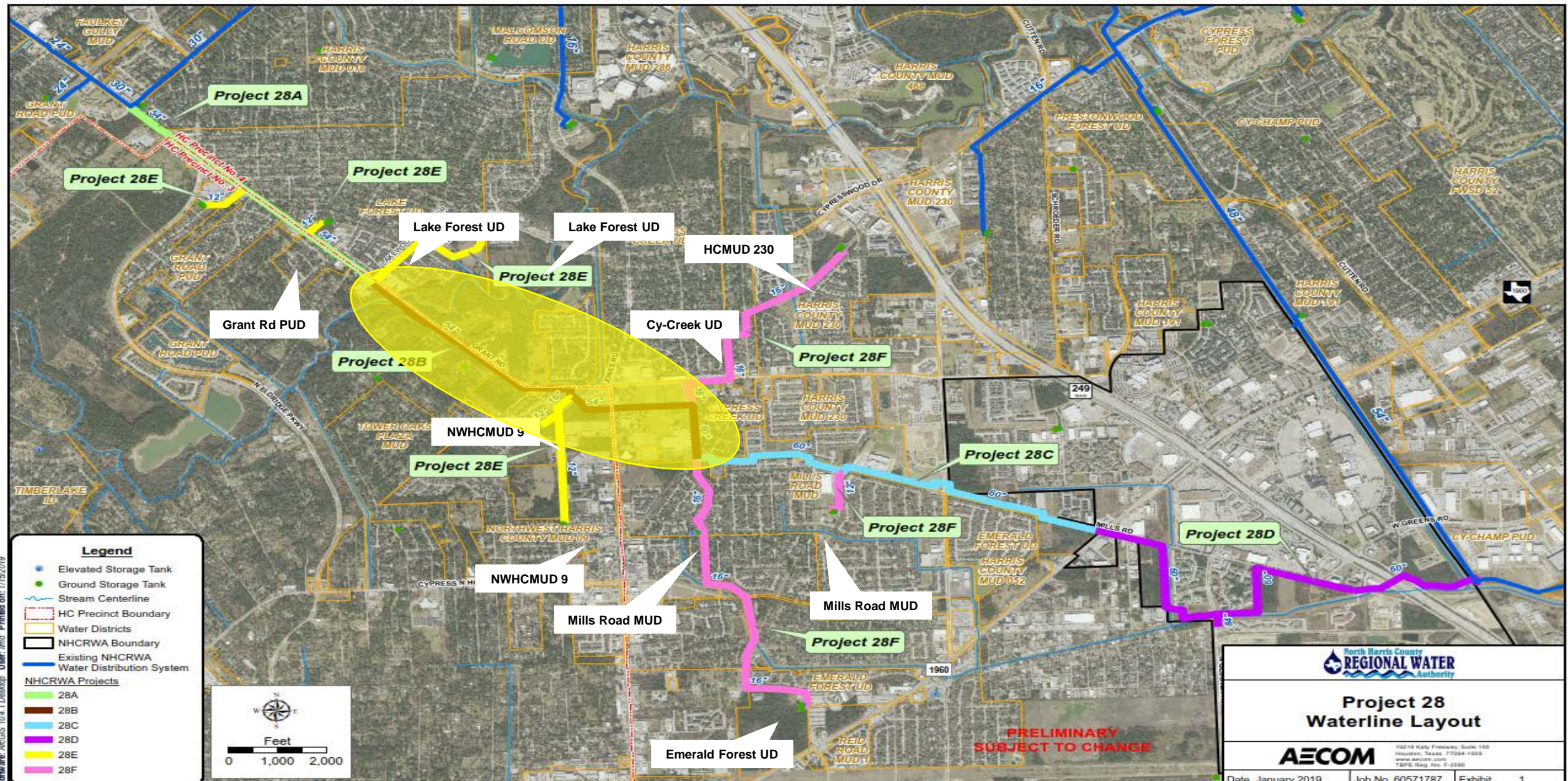


# GENERAL MANAGER'S ACTION ITEM

- **Award of contract for construction of Project 28B and authorize execution of same;**

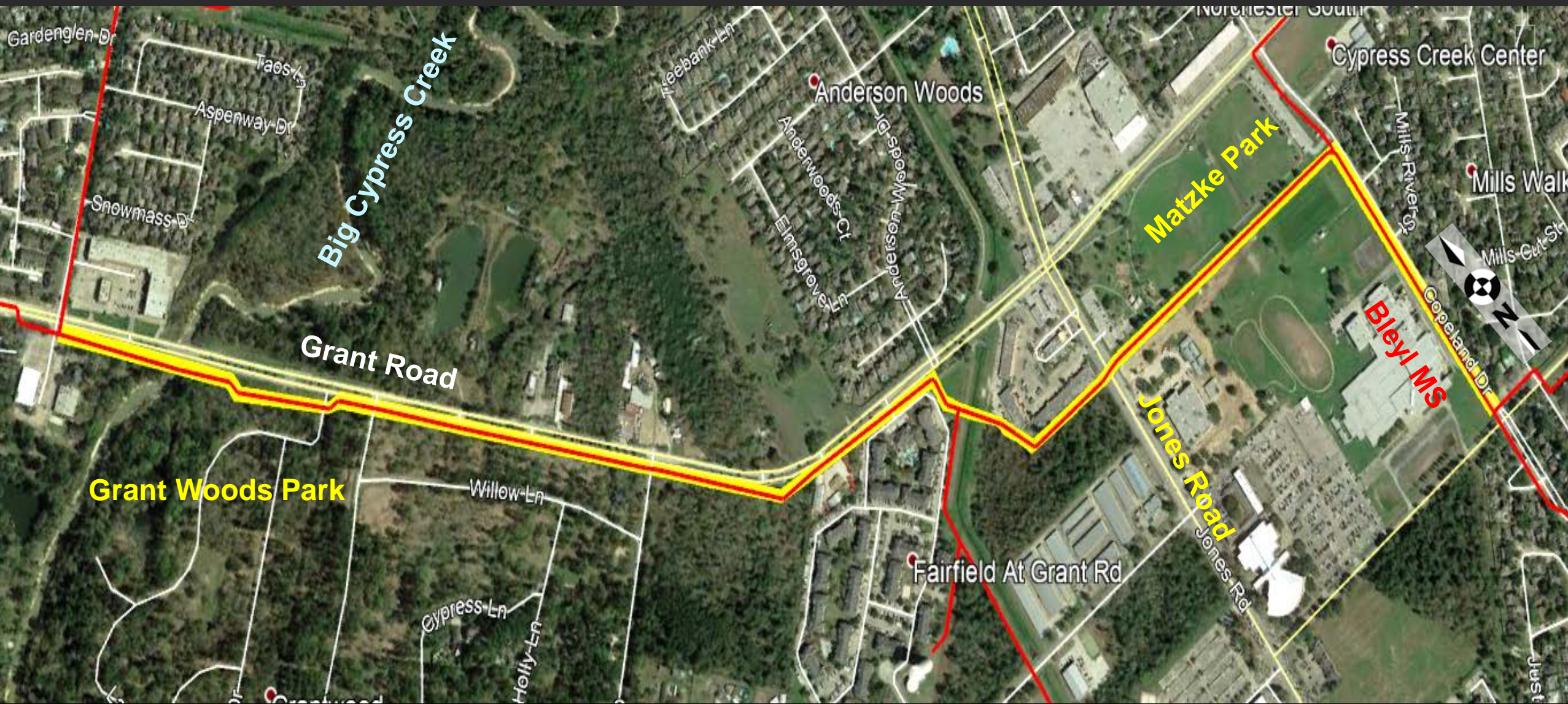








• **Project 28B** ~ 8,350 LF of 54-inch and 600-LF of 60-inch primarily along Grant Road





## Project 28B

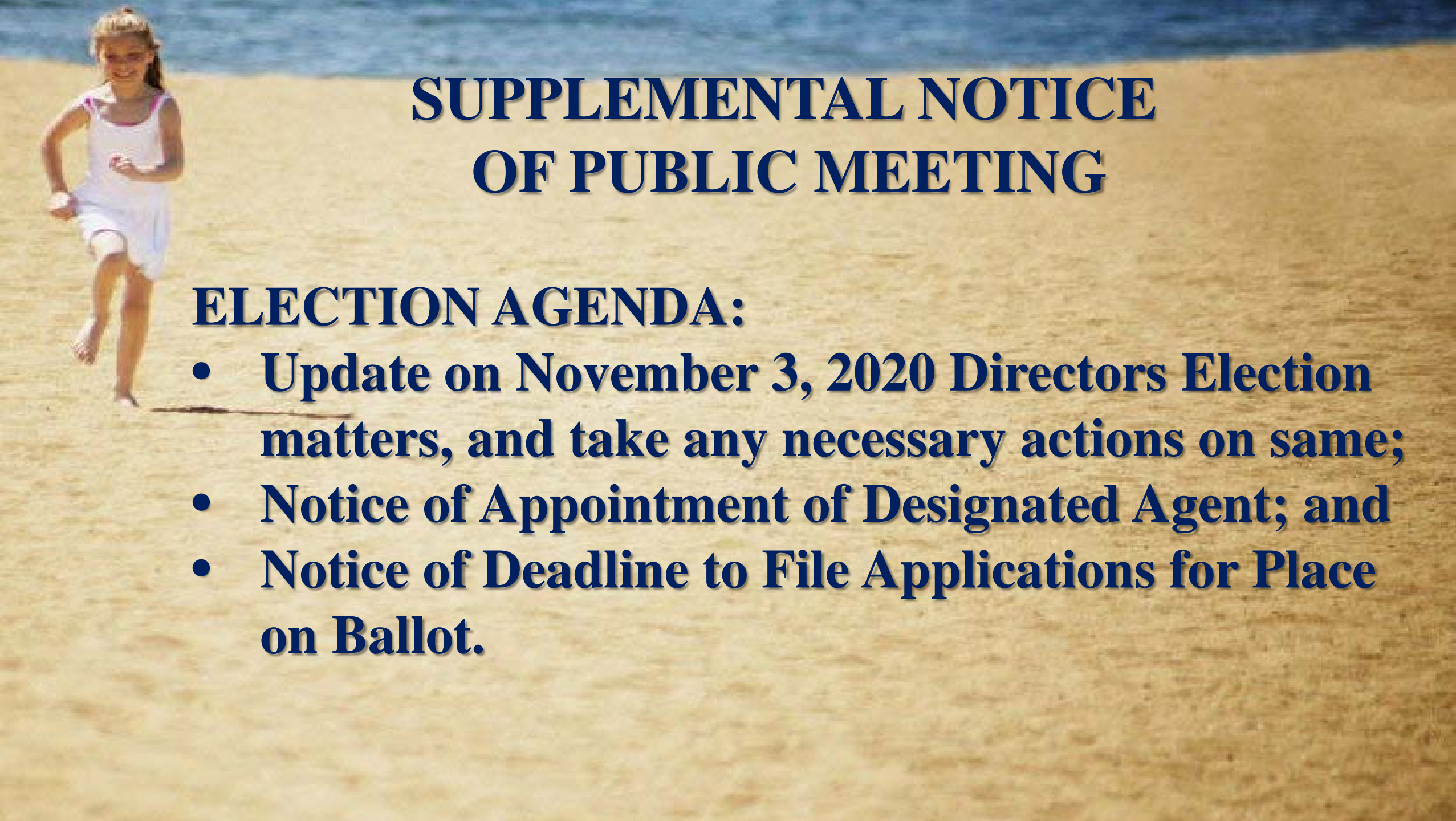
- Advertised for construction bids on Friday, May 29<sup>th</sup>
- Bids opened Tuesday, June 23<sup>rd</sup> at 10:00 AM
- 11 Bids received
- Bids ranged from \$12,102,509.65 to \$19,197,508.00



## Project 28B

- Advertised for construction bids on Friday, May 29<sup>th</sup>
- Bids opened Tuesday, June 23<sup>rd</sup> at 10:00 AM
- 11 Bids received
- Bids ranged from \$12,102,509.65 to \$19,197,508.00
- **Recommendation is to award Project 28B to E.P. Brady LTD for an amount of \$12,102,509.65**






# **SUPPLEMENTAL NOTICE OF PUBLIC MEETING**

## **ELECTION AGENDA:**

- **Update on November 3, 2020 Directors Election matters, and take any necessary actions on same;**
- **Notice of Appointment of Designated Agent; and**
- **Notice of Deadline to File Applications for Place on Ballot.**





Confirm the next regular meeting date  
Monday, August 3, 2020 -- 6:00 pm

**KEMAH**



# PUBLIC COMMENTS





PLEASE USE WATER WISELY!



YOU NEVER KNOW  
WHEN A FRIEND  
WILL NEED IT!



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

Notice is hereby given to all interested members of the public that the Board of Directors of the North Harris County Regional Water Authority will hold a regular public meeting **via video conference using Microsoft Teams and/or telephone conference call** pursuant to Texas Government Code, Section 551.125, as amended, and as modified by the temporary suspension of various provisions thereof effective March 16, 2020, by the Governor of Texas in accordance with the Texas Disaster Act of 1975, all as related to the Governor's proclamation on March 13, 2020, certifying that the COVID-19 pandemic poses an imminent threat of disaster and declaring a state of disaster for all counties in Texas. All members of the public may participate in the meeting via video conference and/or telephone conference. To participate by video conference, go to <https://tinyurl.com/NHCRWA-July-6-2020>. To participate by telephone conference dial **(877) 286-5733 and enter conference ID 856 735 781#**. Please see the additional instructions provided below. The meeting packet will be posted on the Authority's website at <https://www.nhcrwa.com/meetings/>.

**The meeting will be held on Monday, July 6, 2020, at 6:00 p.m.**

- A. Call to Order;
- B. Message from the President;
- C. Board Member Comments;
- D. Public Comments (15 minutes);
- E. **REPORTS:**
  - 1. Report on status of activities by communications/public information consultant;
  - 2. General Manager's Report, including:
    - a. report on miscellaneous administrative matters, including correspondence received from constituents of the Authority;
    - b. update on Texas Water Development Board SWIFT funding;
    - 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;
- F. **REGULAR AGENDA:**
  - 1. Approval of minutes of the June 1, 2020 regular meeting;

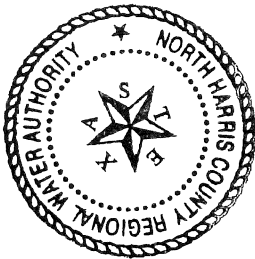


2. Financial Assistant's Report, including approve payment of bills and issuance of checks, review budget comparison and report on status of payments of quarterly pumpage fees;
- G. General Manager's action items, including:
1. Award of contract for construction of Project 28B and authorize execution of same;
- H. **SUPPLEMENTAL NOTICE OF PUBLIC MEETING;**
- I. Confirm next **regular meeting date on Monday, August 3, 2020, at 6:00 p.m.;**
- J. Public Comments (15 minutes); and
- K. Adjourn.

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

EXECUTED this 30<sup>th</sup> day of June, 2020.

NORTH HARRIS COUNTY REGIONAL  
WATER AUTHORITY



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

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



**\*ADDITIONAL INSTRUCTIONS FOR USING MICROSOFT TEAMS:**

All participants have the option of joining the meeting by phone (audio portion only) or also joining the meeting by video conference using a computer or other internet capable device. If you are trying to join the video conference via mobile device or tablet, you may need to download the Microsoft Teams mobile application. Use the phone number and conference ID reflected above to participate in the meeting via conference call. Participants desiring to see the PowerPoint presentation during the meeting will also need to click the following link: <https://tinyurl.com/NHCRWA-July-6-2020> and then click "Join in this browser instead". If you cannot hear the meeting on your computer, you may also call in to the telephone conference to listen to the meeting. All public participants will automatically be placed in the "Listen Only" mode. During the Public Comment portion of the meeting, participants may unmute their line by pressing \*6 to make a comment.



**NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY  
SUPPLEMENTAL NOTICE OF PUBLIC MEETING**

Notice is hereby given that the Board of Directors (the "Board") of the North Harris County Regional Water Authority (the "Authority") will hold a regular meeting, open to the public, on **Monday, July 6, 2020, at 6:00 P.M.**, via Microsoft Teams and/or teleconference, pursuant to the Texas Governor's suspension of certain Texas Open Meetings Act provisions due to COVID-19. To participate by video conference, go to <https://tinyurl.com/NHCRWA-July-6-2020>. To participate by telephone conference dial (877) 286-5733 and enter conference ID 856 735 781#. The subject of this meeting is to consider and act on the following matters:

**A. ELECTION AGENDA:**

1. Update on November 3, 2020 Directors Election matters, and take any necessary actions on same;
2. Notice of Appointment of Designated Agent; and
3. Notice of Deadline to File Applications for Place on Ballot.

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

*Se notifica por el presente que la Junta de Directores (la "Junta") de la Autoridad Regional de Agua del Norte del Condado del Harris (la "Autoridad") realizará una asamblea ordinaria abierta al público el **lunes 6 de julio de 2020, a las 6:00 P.M.**, por Microsoft Teams o teleconferencia, en conformidad con la suspensión de ciertas disposiciones de la Ley de Asambleas Públicas de Texas decretada por el Gobernador de Texas debido al COVID-19. Para participar en la videoconferencia, utilice el siguiente enlace: <https://tinyurl.com/NHCRWA-July-6-2020> Para participar por conferencia telefónica, marque (877) 286-5733 y escriba la ID de la conferencia 856 735 781#. El tema de esta asamblea es considerar y actuar en relación con los siguientes asuntos:*

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

1. *Actualización sobre los asuntos de la Elección de Directores del 3 de noviembre de 2020, y tomar las medidas necesarias al respecto;*
2. *Aviso De Nombramiento De Agente Designado; y*
3. *Aviso de Fecha Límite Para Presentar la Solicitud de un Lugar en la Boleta.*

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

Theo đây xin thông báo rằng Ban Giám Đốc ("Ban Giám Đốc") Cơ Quan Cung Cấp Nước Khu Vực Phía Bắc Quận Harris ("Cơ Quan") sẽ tổ chức một phiên họp thường lệ, công khai vào **thứ Hai, ngày 6 tháng Bảy, 2020, lúc 6 giờ CHIỀU.**, thông qua ứng dụng Microsoft Teams và/hoặc hình thức hội nghị từ xa, theo như quy định ngưng hiệu lực các điều khoản của Đạo Luật Nhóm Hợp Công Khai Texas do Thống Đốc Texas ban hành do COVID-19. Để tham gia bằng hình thức hội nghị video, ghé thăm <https://tinyurl.com/NHCRWA-July-6-2020>. Để tham gia bằng hình thức hội nghị trên điện thoại, ấn số (877) 286-5733 và nhập mã ID của hội nghị là 856 735 781#. Chủ đề của cuộc họp này là xem xét và thực thi những nội dung sau đây:

**A. LỊCH TRÌNH NGHỊ SỰ:**

1. Cập nhật các vấn đề có liên quan đến Cuộc Bầu Cử Xác Nhận và Ủy Viên Quản Trị ngày 3 tháng Năm 2020, và có thể có bất kỳ hành động cần thiết cho việc này;
2. Thông Báo Bổ Nhiệm Đại Diện Được Chỉ Định; và
3. Thông Báo Hạn Chót Nộp Đơn Xin một Vị Trí trên Lá Phiếu.

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**北HARRIS縣地區水務局**  
**补充 選舉議程**

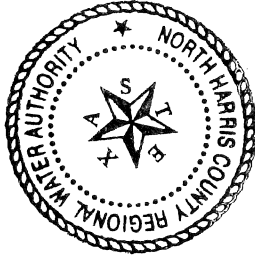
茲此通知，根據 Texas 州州長因 COVID-19 疫情中止了 Texas 州公開會議法案的規定，北 Harris 縣區域水資源管理局(下稱「管理局」)董事會(下稱「董事會」)，將於 **2020 年 7 月 6 日 (週一) 下午 6:00**，以 Microsoft Teams 和/或電話會議方式舉行面向公眾開放的例會。要通過視訊會議參加，請訪問 <https://tinyurl.com/NHCRWA-July-6-2020>。要通過電話會議參加，請撥打 (877) 286-5733，然後輸入會議 ID 856 735 781 #。本次會議的主題是審議並執行以下事項：

**A. 選舉議程:**

1. 2020年11月3日更新委員和合併選舉事宜, 并對同一法案付諸必要的行動;
2. 指定代理人委任公告; 以及
3. 關於提交選票席位申請之截止日期的通知.



EXECUTED this 30<sup>th</sup> day of June, 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:** July 2, 2020  
**Subject:** General Manager's Report  
July 6, 2020 Meeting

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The General Manager offers comments regarding certain items for the July 6, 2020 Agenda as follows:

### Reports

**E.2.a. 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.b. Update on Texas Water Development Board 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 are 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.

**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. Award of contract for construction of Project 28-B and authorize execution of same.**

Included in your Board packet under Tab 6 is the following information related to this Agenda Item:

1. Copy of a June 29 2020 letter from Mr. Doug Haude, P.E. by which he transmitted the bid tabulation for Project 28-B and recommended award of contract to E.P. Brady, LTD., on the basis of their low bid of \$12,102,509.65.
2. Copy of my June 29, 2020 letter to Mr. Daniel Brady of E.P. Brady, LTD., notifying him of my intent to recommend award of contract to the Board of Directors at the July 6, 2020 Board meeting.
3. Copy of my June 29, 2020 letter to the Board of Directors recommending award of contract to E.P. Brady, LTD., for Project 28-B in the amount of \$12,102,509.65

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



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

**Presented at the July 6, 2020  
North Harris County Regional Water Authority ("Authority") Board Meeting**

## **SURFACE WATER CONVERSION**

- During June Spears Road Regional Pump Station delivered treated surface water to the Authority at an average daily rate of approximately 30.4 MGD (million gallons per day).
- Alternative water i.e. surface water, etc., usage during May was approximately 31.7% compared to approximately 32.6% in April.
- During May approximately 77.6% 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 – Contractor installing conductors from Switchgear Buildings to Electrical Building and 48-inch diameter pump discharge piping. Vertical Turbine Pumps have been delivered.
- Dual 96-Inch Diameter Pipelines – Contractor continued concrete pours at flow distribution basin and concrete columns for walkway grating.
- 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”)

- Central Plant structural concrete work for chemical facilities, filter modules and transfer pump station continues on schedule.
- Construction of Early Work Package (EWP) #2 Filter Building and Transfer Pump Station is proceeding.
- Construction of EWP #4 continues with ongoing final grading of access road.
- Construction of EWP #6 North Plant continues with ongoing formwork, rebar placement and structural concrete for various structures.
- Completed final deck concrete work and ongoing installation of precast beams at EWP #6 IPS.
- Completed interlocking slab at HSPS.
- 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 substantially complete.
- Construction of the 120-inch section of line (Project S-000900-0174) is complete.
- Construction of a 108-inch section of line (Project S-000900-0156) is substantially complete.
- Construction of six (6) other sections of the 108-inch line (Projects S-000900-0126, S-000900-0154, S-000900-0155, S-000900-0168, S-000900-0164 and S-000900-0140) is ongoing.
- Real estate acquisition efforts continue on several sections of the line.
- A 108-inch section of the line (Project S-000900-0165) was Awarded June 16<sup>th</sup> and the Notice to Proceed is pending.
- A 108-inch section of the line (Project S-000900-0157) was Awarded June 23<sup>rd</sup> and the Notice to Proceed



- Proposals were received on May 7<sup>th</sup> for a 108-inch section of the line (Project S-000900-0167).
- Proposals were received on May 14<sup>th</sup> for the 66-inch interconnect (Project S-000900-0166).

**North Harris County Regional Water Authority  
Program Manager's Report  
Report Period: May 23, 2020 – June 26, 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 June 1, 2020 Authority Board meeting.
3. 5/26/20 – Participated in a virtual meeting with the Authority's Engineering Coordinator and representatives of Van De Wiele Engineering to discuss proposed encroachments to Project 15A by the Champion Oaks Development.
4. 5/26/20 - Participated in a virtual meeting with the Authority's Engineering Coordinator, representatives from Radcliffe Bobbitt Adams & Polley, and representatives from IDS Engineering to discuss Telge Ranch Development and the proposed widening of Telge Rd.
5. 5/26/20 – Conducted a virtual meeting with representatives of BRH Garver regarding a critical locate of a 12-inch Enterprise Products pipeline for Project 25D.
6. 5/28/20 – Participated in an easement acquisition conference call for Projects 23A, 25A, 25C, 25D, 28B, 28C, 28D, 28E and 28F with the Authority's Deputy General Manager, Engineering Coordinator and representatives from Harris County, Hunton Andrews & Kurth, Universal Field Services, PAS Property Acquisition Services and Integra Reality Resources.
7. 5/28/20 – Conducted a virtual meeting with the Authority's Engineering Coordinator to discuss final comments related to Project 28B.
8. 6/1/20 - Attended and participated in joint "on-line" meeting with other regional water authorities and City of Houston PATC team to receive status update regarding NEWPP project.
9. 6/1/20 - Prepared for, participated in and hosted the MS-TEAMS meeting for the May 2020 Board of Directors Meeting.
10. 6/3/20 – Met with Authority's Deputy General Manager to discuss Construction Management and Inspection for the upcoming Project 28B.
11. 6/4/20 – Participated in an easement acquisition conference call for Projects 23A, 25A, 25C, 25D, 28B, 28C, 28D, 28E and 28F with the Authority's Deputy General Manager, Engineering Coordinator and representatives from Harris County, Hunton Andrews & Kurth, Universal Field Services, PAS Property Acquisition Services and Integra Reality Resources.
12. 6/4/20 – Conducted a virtual progress meeting with Aurora Technical Services for the Authority's Condition Assessment of the Authority's existing 2010 System.
13. 6/4/20 – Conducted a virtual comment review meeting with representatives of Dannenbaum, Black & Veatch and Carollo for Project 24C.
14. 6/8/20 – Participated in a virtual meeting with representatives of AEI, Zarinkelk and TSC to discuss surveying on Project 28E.
15. 6/9/20 – Conducted a virtual pre-bid conference for Project 28B with the Authority's Engineering Coordinator, representatives of Dannenbaum Engineering, and potential bidders.
16. 6/9/20 – Conducted a virtual progress meeting for Project 25E with the Authority's Engineering Coordinator and representatives of Kimley-Horn and Associates, and CivilTech.



17. 6/9/20 – Conducted a virtual progress meeting for Project 24C with the Authority’s Deputy General Manager, Engineering Coordinator and representatives of Dannenbaum, Black & Veatch, and Carollo.
18. 6/10/20 – Attended a meeting with representatives of BRH Garver and Enterprise Products regarding the critical locate of a 12-inch Enterprise Products pipeline for Project 25D.
19. 6/10/20 – Conducted a virtual progress meeting for Project 28G with the Authority’s Engineering Coordinator and representatives of Arcadis.
20. 6/10/20 – Conducted a virtual meeting with the Authority’s Engineering Coordinator and representatives of Inframark to discuss format revisions to the monthly invoice and operator’s report.
21. 6/10/20 – Conducted a virtual progress meeting for Project 25A with the Authority’s Engineering Coordinator and representatives of Binkley & Barfield.
22. 6/11/20 – Participated in an easement acquisition conference call for Projects 23A, 25A, 25C, 25D, 28B, 28C, 28D, 28E and 28F with the Authority’s Deputy General Manager, Engineering Coordinator and representatives from Harris County, Hunton Andrews & Kurth, Universal Field Services, PAS Property Acquisition Services and Integra Reality Resources.
23. 6/11/20 – Participated in a virtual meeting with representatives of Binkley & Barfield to discuss review comments related to Project 25A.
24. 6/15/20 - Attended and participated in joint “on-line” meeting with other regional water authorities and City of Houston PATC team to receive status update regarding NEWPP project.
25. 6/16/20 – Conducted a virtual progress meeting for Project 31 with the Authority’s Engineering Coordinator and representatives of Aurora Technical Services, and RPS Group.
26. 6/17/20 - Conducted a progress meeting for Project 28F with representatives from Sander Engineering Corp.
27. 6/18/20 - Participated in an easement acquisition conference call for Projects 23A, 25A, 25C, 25D, 28B, 28C, 28D, 28E and 28F with the Authority’s Deputy General Manager, Engineering Coordinator and representatives from Harris County, Hunton Andrews & Kurth, Universal Field Services, PAS Property Acquisition Services and Integra Reality Resources.
28. 6/22/20 – Participated in Board Meeting Agenda conference call with Authority staff and attorney.
29. 6/23/20 – Conducted a bid opening teleconference for Project 28B with the Authority’s Engineering Coordinator.
30. 6/23/20 – Participated in a conference call on the Projects 25 A-D with representatives of Kinder Morgan Pipeline Company.
31. 6/23/20 - Conducted a meeting with the Authority’s Engineering Coordinator to discuss review comments for Project 28E.
32. 6/24/20 – Participated in a meeting on Project 28F with the Authority’s Engineering Coordinator and Sander Engineering Corp.
33. 6/24/20 – Participated in a conference call on Project 28F, Parcel 28F1-14, with Representatives of Kinder Morgan Tejas, Husch Blackwell, and Sander Engineering Corp.
34. 6/24/20 – Conducted a meeting with representatives of AEI and Zarinkelk to discuss review comments for Project 28E.

35. 6/25/20 – Participated in an easement acquisition conference call for Projects 23A, 25A, 25C, 25D, 28B, 28C, 28D, 28E and 28F with the Authority’s Deputy General Manager, Engineering Coordinator and representatives from Harris County, Hunton Andrews & Kurth, Universal Field Services, PAS Property Acquisition Services and Integra Realty Resources.
36. 6/26/20 – Conducted a virtual meeting with representatives of AEI and Sander Engineering Corp. to discuss Harris County Permitting requirements.
37. Provided construction administration services and project representative services, as needed, on Project 28A (Precinct 3 and 4 components) and the On Call System Repair Contract.
38. Submitted to the Authority the Annual O&M Accounting for the Joint Facilities for Fiscal Year 2019 between the Authority and the Central Harris County Regional Water Authority.
39. Oversaw Inframark’s activities on behalf of the Authority.
40. Assisted as needed in identifying, assessing and recommending solutions to system operational issues and performed various other efforts relevant to same.
41. 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.
42. Assisted the Authority and Inframark as needed in coordinating the delivery of surface water to the PWSs in the 2010 service area.
43. Assisted the Authority in developing and/or evaluating information and documents relative to development of the 2025 water supply system.
44. Assisted the Authority in a variety of activities involving the City.
45. Assisted the Authority as needed in responding to requirements of the TWDB regarding financial assistance under the TWDB SWIFT program.
46. Conducted status updates with the General Manager.
47. Assisted the Authority in the review of plans for Permitted Encroachments in the Authority’s easements.
48. Updated the Authority’s design standards, standard details and front-end documents, as required.
49. 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.
50. 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.
51. Developed scope of work for upcoming projects.
52. 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.
53. Reviewed and forwarded recommendations concerning payment of invoices from the Authority’s consultants and operator.
54. Updated project schedules and budgets, as necessary.



## **KEY ACTIVITIES PLANNED FOR JULY 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

June 1, 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 Microsoft Teams and/or telephone conference call at 877-286-5733, conference ID 722398015#, pursuant to the Texas Governor's suspension of certain Texas Open Meetings Act provisions due to COVID-19, at 6:00 p.m. on Monday, the 1<sup>st</sup> day of June, 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 Berkenhoff, P.E., Mike Baugher, P.E., and Doug Haude, P.E., of AECOM Technical Services, Inc., Program Manager for the Authority; Mr. David Huang, P.E., of RPS Klotz Associates, on-call engineers for the Authority; Mr. Lance McLeod, P.E., of Kimley-Horn and Associates Inc., on-call engineers for the Authority; Mr. Harrison Steed, P.E., of ARCADIS US, Inc., on-call engineers for the Authority; Ms. Giti Zarinkelk, P.E., and 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. Charles Shumate, P.E., of Lockwood Andrews and Newnam, 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 stated that he hopes everyone is staying safe and well. Director Rendl also noted that the Authority Board meetings will be held via teleconference until further notice or until Governor Greg Abbott allows for unrestricted attendance at public meetings because the Authority does not want to turn anyone away from a public meeting due to social gathering restrictions.

## BOARD MEMBER COMMENTS

Director Fessler stated that the kinks need to be worked out of the teleconference meetings prior to the meeting date.

## STATUS OF ACTIVITIES BY COMMUNICATIONS/PUBLIC INFORMATION COORDINATOR

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

Ms. Payne first reported that the printer for the billing inserts on water conservation is back in operation and, therefore, the billing inserts are available for ordering through the Authority's website or by contacting the Authority's office. Ms. Payne further reported that the Authority's water conservation education programs are being digitized for in-home school use.

## 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 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 31 million gallons per day ("MGD") of surface water during May. Mr. Berckenhoff added that the alternative water used in April was approximately 32.6%, compared to approximately 33.5% in March. Mr. Berckenhoff further explained that during April, approximately 78.9% 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 21 active projects, with seven (7) in or near construction, eight (8) in final design and six (6) in the planning or preliminary engineering stage.

#### 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 is in the process of installing conductors from switchgear buildings to the electrical building, metal stud drywall framing in the control building and 48-inch diameter pump discharge piping at the Capers Ridge Pump Station; and 2) continued concrete pours at the flow distribution basin and backfill and compaction at the pig retrieval facility.

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

Mr. Berckenhoff went on to report that construction of all pump can installations and interlocking slabs has been completed at HSPS. Mr. Berckenhoff further reported that the Central Plant structural concrete work is continuing on schedule. Mr. Berckenhoff went on to report that construction of Early Work Package ("EWP") 2 Filter Building and Transfer Pump Station continues to proceed. Mr. Berckenhoff also reported that construction of EWP 4 has continued with ongoing final grading of the access road and completion of storm drain ties. Mr. Berckenhoff further added that construction of EWP 6 North Plant continues with ongoing formwork, rebar placement and structural concrete for various structures. Mr. Berckenhoff added that the bridge pile installation was completed and the deck concrete work continues at EWP 6. Mr. Berckenhoff stated that the Houston Waterworks Team continues to progress on the procurement of various balance of plant packages and that the Project Advisor/Technical Consultant continues to provide construction oversight services on behalf of the City and the Authorities.

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

Mr. Berckenhoff next reported that in connection with the NETL project, the contractors have continued with construction on five (5) sections of the 108-inch (108") line. Mr. Berckenhoff added that real estate acquisitions are proceeding on several additional sections of the NETL.

#### ATTORNEY'S REPORT

Ms. Bobbitt stated that she had nothing to report.

## REGULAR AGENDA

### APPROVAL OF MINUTES

The Board next considered approval of the minutes of the May 4, 2020 regular meeting. Upon motion by Director Fessler, seconded by Director Sigler, after full discussion and the question being put to the Board, the Board voted unanimously to approve the minutes of the May 4, 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 April 30, 2020, a copy of which is attached hereto.

Upon motion by Director Sigler, seconded by Director Fessler, 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.

### CONFIRM UPCOMING MEETING DATE

Director Rendl then informed the meeting attendees that the Authority's next regular meeting will be held on Monday, July 6, 2020, at 6:00 p.m. Director Rendl noted that information on how the meeting will be conducted will be sent out via e-blast and also posted on the Authority's website.

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

PASSED, APPROVED AND ADOPTED this 6<sup>th</sup> day of July, 2020.

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Secretary, Board of Directors



**NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY**

**FINANCIAL REPORT**

**For the month of May, 2020**

**July 6, 2020**

# NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY ENTERPRISE FUND BALANCE SUMMARY

AS OF MAY 31, 2020

<b>CAPITAL FUNDS</b>		<b>\$</b>	<b>768,752,802.60</b>
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CONSTRUCTION		\$	102,784,991.98
TWDB ESCROW		\$	<u>665,967,810.62</u>
TOTAL		\$	768,752,802.60

<b>INTEREST &amp; SINKING FUNDS AND DEBT SERVICE RESERVE F</b>		<b>\$</b>	<b>177,057,471.23</b>
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INTEREST & SINKING		\$	62,947,678.77
DEBT SERVICE RESERVE		\$	<u>114,109,792.46</u>
TOTAL		\$	177,057,471.23

<b>COVERAGE FUND AND IMPROVEMENT FUND</b>		<b>\$</b>	<b>241,913,071.24</b>
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COVERAGE FUND		\$	55,534,226.74
IMPROVEMENT FUND		\$	<u>186,378,844.50</u>
TOTAL		\$	241,913,071.24

<b>OPERATING FUNDS</b>		<b>\$</b>	<b>34,226,608.22</b>
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OPERATING FUNDS		\$	<u>34,226,608.22</u>
TOTAL		\$	34,226,608.22

TOTAL:		\$	<u>1,221,949,953.29</u>
		<b>\$</b>	<b><u>1,221,949,953.29</u></b>



# North Harris County Regional Water Authority

## Balance Sheet

As of 5/31/2020

	Current Year
Assets	
Cash	
Cash in Bank - Amegy Operating acct	11,793,834.60
Cash in Bank - Amegy Cap Proj 2003	464,682.50
Cash in Bank - Amegy Admin. Expense	104,173.27
Note Payment Account - Bank of America	2,873.82
Petty Cash	1,432.27
Capital Contributions - TexPool	13,270,088.86
Operating Fund - Texpool	17,591,445.14
Operations & Maintenance Reserve - TTP	4,735,722.94
Construction Fund 2003 - TexSTAR	5.64
Interest & Sinking Fund 13 TexPool Prime	4,255,723.45
Coverage Fund - TexSTAR	47,015,750.82
Debt Service Reserve Fund 2003 - TPPPrime	116,489.93
RBC 2003 DSRF Investments	8,148,134.85
RBC 2005 Capital Contributions Investmen	0.01
Construction Fund 2015 - TexPool	3,010.56
Construction Fund 2015 - TexPool Prime	543,724.86
Construction Fund 2005 - TexSTAR	17,531.79
Interest & Sinking Fund 2014 - TexSTAR	3,054,872.16
Debt Service Reserve Fund 2014 - TPPPrime	114,798.02
CHCRWA Construction Acct. - TPPPrime	329,479.84
PFUD Initial Difference 4C3 - TPPPrime	245,566.88
Capital Contributions 2008 - TPPPrime	6,088,481.65
RBC 2008 Capital Contributions Investmen	26,158,729.81
TWDB 2015 Escrow	12,074,692.57
RBC 2014 DSRF Investments	5,745,861.87
Construction Fund 2008 - TexPool Prime	226,968.15
Construction Fund 2008 - TexSTAR	1,568,141.94
Interest & Sinking Fund 2008 - TPPPrime	2,873,757.61
Debt Service Reserve Fund 2008 - TPPPrime	281,965.55
RBC 2016 DSRF Investments	18,776,956.99
Interest & Sinking Fund 2015 - TPPPrime	2,100,235.91
Debt Service Reserve Fund 2015 - TPPPrime	349,017.97
Construction Fund 2016 - TPPPrime	456,459.11
Interest & Sinking Fund 2016 - TPPPrime	9,155,210.81
Debt Service Reserve Fund 2016 - TPPPrime	340,189.12
Construction Fund 2016A - TexPool Prime	19,691,917.41
Interest & Sinking Fund 2016A - TTPPrime	5,044,786.59
Debt Service Reserve Fund 2016A - TPP	480,115.93
Construction Fund 2017 - TexPool Prime	27,062,699.14
Interest & Sinking Fund 2017 - TTPPrime	9,625,730.30
Debt Service Reserve Fund 2017 - TTP	914,006.32
TWDB 2017 Escrow	100,606,270.53
TWDB 2016A Escrow	57,923,292.78
Construction Fund 2018 - TexPool Prime	6,654,630.01

# North Harris County Regional Water Authority

## Balance Sheet

As of 5/31/2020

	Current Year
Interest & Sinking 2018 - TexPool Prime	15,466,471.56
Debt Service Reserve Fund 2018 - TTP	1,005,119.54
TWDB 2018 Escrow	290,164,885.49
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	11,370,890.38
Debt Service Reserve Fund 2019 - TTP	14,309,924.53
TWDB 2019 Escrow	205,198,669.25
Improvement Fund - TexSTAR	101,802,502.51
RBC Improvement Fund Investments	84,576,341.99
RBC Coverage Fund Investments	8,518,475.92
<b>Total Cash</b>	<b>1,221,949,953.29</b>
<b>Other Assets</b>	
Due from City of Houston	640.20
Accounts Receivable - Other	5,770,298.79
Accrued Interest Receivable - RBCpurchas	578,703.89
Water Conservation Credits - HGSD	725,872.38
Interest in Treated Water Facilities	221,982,854.60
Accumulated Amortization - TWF	(23,478,295.08)
COH NEWPP Funds Held in Escrow	232,964,530.33
Interest in Luce Bayou	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	183,125,025.28
Accumulated Amortization - NETL	(1,707,744.00)
<b>Total Other Assets</b>	<b>641,984,648.05</b>
<b>Fixed Assets</b>	
Land, Easements and Right of Ways	23,304,397.17
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)
<b>Total Fixed Assets</b>	<b>279,157,576.03</b>
<b>Total Assets</b>	<b>2,143,092,177.37</b>



# North Harris County Regional Water Authority

## Balance Sheet

As of 5/31/2020

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 5/31/2020

	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
<b>Total Deferred Revenue - Capital Contributions</b>	<b>65,402,091.17</b>
<b>Accounts Payable</b>	
Trade Accounts Payable	7,431,834.04
Social Security - 457 Plan Payable	(18.90)
Group Insurance Payable	(38,795.49)
Medicare Payable	(4.36)
SUTA Payable	2,750.13
Compensated Absences	131,240.33
Chloramination Credit Payable	18,300,974.39
Other Payables	12,568.77
<b>Total Accounts Payable</b>	<b>25,840,548.91</b>
<b>Bonds Payable</b>	
Accumulated Amortization 2013 Bond Prem	(3,768,090.00)
Accrued Interest Payable 2003 Bonds	167,719.00
Net Premium on Bonds 2005	0.45
Accumulated Amortization 2005 Bond Prem	(2,665,329.77)
Accrued Interest Payable - 2005 Bonds	89,578.00
Bonds Payable - Series 2014 Refunding	60,855,000.00
Deferred Premium on Bonds 2014	12,151,604.90
Deferred Discount - Bonds 2014	(424,162.15)
Deferred Difference on Refunding 2014	2,068,328.00
Accrued Interest Payable - 2014 Bonds	134,602.36
Bonds Payable - Series 2013 Refunding	83,040,000.00
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 5/31/2020

	<u>Current Year</u>
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>1,868,396,044.88</u>
Fund Balance	
Unreserved Fund Balance	250,593,918.11
Other	24,102,214.38
Total Fund Balance	<u>274,696,132.49</u>
Liabilities & Fund Balance	<u>2,143,092,177.37</u>

# North Harris County Regional Water Authority

## Statement of Revenues and Expenditures

From 5/1/2020 Through 5/31/2020

	Current Period Actual	Current Year Actual
<b>Receipts</b>		
Pumpage Fees		
Cost of Water Revenue	6,616,105.49	35,731,747.71
Total Pumpage Fees	6,616,105.49	35,731,747.71
Interest Earned		
Interest Earned	252,075.96	4,857,222.20
Total Interest Earned	252,075.96	4,857,222.20
Total Receipts	6,868,181.45	40,588,969.91
<b>Disbursements &amp; Expenses</b>		
Financial Services		
Audit Expenses	0.00	44,500.00
Total Financial Services	0.00	44,500.00
Engineering Services		
Acquisition Services	170,611.63	957,938.66
Engineering Services	1,960,920.71	8,730,044.08
Construction Expense	0.00	(390,586.48)
Total Engineering Services	2,131,532.34	9,297,396.26
Legal Services		
Legal - General Counsel Services	7,764.36	63,595.63
Legal - Contract Negotiations	1,111.25	11,308.60
Legal - Legislation	0.00	137.50
Legal - Easement/ROW Acquisition	0.00	71.25
Legal - Capital Contribution Matters	0.00	185.00
Total Legal Services	8,875.61	75,297.98
Operations & Maintenance		
Operations & Maintenance Services	174,066.98	600,865.74
Total Operations & Maintenance	174,066.98	600,865.74
Water Purchase		
Bulk Water Purchase	1,363,128.03	5,139,246.33
Total Water Purchase	1,363,128.03	5,139,246.33
Legislative Services		
Legislative Consultant	10,833.33	54,166.65
Total Legislative Services	10,833.33	54,166.65
Communications Services		
Communication Consultant	6,670.00	33,350.00
Printing	0.00	16,808.05
Water Conservation	500.00	4,208.75
Professional Services - Communications	0.00	183.30
WBIMS	4,314.00	25,884.00
Total Communications Services	11,484.00	80,434.10
Professional Services		
Director Fees	2,100.00	8,400.00
Salaries, Wages & Benefits	117,026.26	579,887.45
Retirement	13,099.94	64,382.64
Group Insurance	15,912.76	79,563.80
Social Security	7,385.80	36,473.66
Medicare	1,727.33	8,530.19
Unemployment Compensation	0.00	1,440.00
Bank Charges	0.00	3,780.00
Safe Deposit Box	0.00	75.00
Travel/Hotel&Meals	2,533.50	17,461.35
Mileage Reimbursements	47.73	1,797.65
Seminars/Training	(575.00)	6,075.00
Total Professional Services	159,258.32	807,866.74
Office Expenses		
Office Supplies	513.90	5,002.59
Postage/delivery	196.53	1,967.65



# North Harris County Regional Water Authority

## Statement of Revenues and Expenditures

From 5/1/2020 Through 5/31/2020

	<u>Current Period Actual</u>	<u>Current Year Actual</u>
Telephone/Long Distance	3,716.11	18,132.15
Utilities	98,049.85	230,649.56
Equipment Leases	1,086.13	5,518.48
Office Lease	12,458.75	62,293.75
Security	0.00	1,354.88
Cellular Telephone	378.37	1,892.15
Memberships/Subscriptions	40.00	4,836.00
DSL Line/Internet Service	2,838.72	14,209.62
Computer Software	0.00	21,149.87
Computer Services	0.00	8,100.00
Computer Maintenance	0.00	8,650.00
Computer Equipment	0.00	3,225.03
Total Office Expenses	<u>119,278.36</u>	<u>386,981.73</u>
Total Disbursements & Expenses	<u>3,978,456.97</u>	<u>16,486,755.53</u>
Excess Revenues Over (Under) Expenditures	<u>2,889,724.48</u>	<u>24,102,214.38</u>

# North Harris County Regional Water Authority

## Statement of Revenues and Expenditures by Period

From 1/1/2020 Through 5/31/2020

	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	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	35,731,747.71
<b>Total Pumpage Fees</b>	<b>7,406,405.84</b>	<b>6,820,249.31</b>	<b>6,722,418.23</b>	<b>8,166,568.84</b>	<b>6,616,105.49</b>	<b>35,731,747.71</b>
<b>Interest Earned</b>						
Interest Earned	1,399,693.40	1,397,323.58	1,169,145.14	638,984.12	252,075.96	4,857,222.20
<b>Total Interest Earned</b>	<b>1,399,693.40</b>	<b>1,397,323.58</b>	<b>1,169,145.14</b>	<b>638,984.12</b>	<b>252,075.96</b>	<b>4,857,222.20</b>
<b>Total Receipts</b>	<b>8,806,099.24</b>	<b>8,217,572.89</b>	<b>7,891,563.37</b>	<b>8,805,552.96</b>	<b>6,868,181.45</b>	<b>40,588,969.91</b>
<b>Disbursements &amp; Expenses</b>						
<b>Financial Services</b>						
Audit Expenses	0.00	0.00	0.00	44,500.00	0.00	44,500.00
<b>Total Financial Services</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>44,500.00</b>	<b>0.00</b>	<b>44,500.00</b>
<b>Engineering Services</b>						
Acquisition Services	65,251.59	168,329.26	291,979.47	261,766.71	170,611.63	957,938.66
Engineering Services	1,255,841.05	1,576,890.61	2,174,020.27	1,762,371.44	1,960,920.71	8,730,044.08
Construction Expense	(104,341.12)	0.00	0.00	(286,245.36)	0.00	(390,586.48)
<b>Total Engineering Services</b>	<b>1,216,751.52</b>	<b>1,745,219.87</b>	<b>2,465,999.74</b>	<b>1,737,892.79</b>	<b>2,131,532.34</b>	<b>9,297,396.26</b>
<b>Legal Services</b>						
Legal - General Counsel Services	13,670.86	13,951.66	11,837.74	16,371.01	7,764.36	63,595.63
Legal - Contract Negotiations	4,898.75	3,523.40	518.05	1,257.15	1,111.25	11,308.60
Legal - Legislation	0.00	0.00	137.50	0.00	0.00	137.50
Legal - Easement/RO... Acquisition	0.00	0.00	0.00	71.25	0.00	71.25
Legal - Capital Contribution Matters	86.25	98.75	0.00	0.00	0.00	185.00
<b>Total Legal Services</b>	<b>18,655.86</b>	<b>17,573.81</b>	<b>12,493.29</b>	<b>17,699.41</b>	<b>8,875.61</b>	<b>75,297.98</b>
<b>Operations &amp; Maintenance</b>						
Operations & Maintenance Services	(115,106.32)	47,923.51	141,787.64	352,193.93	174,066.98	600,865.74
<b>Total Operations &amp; Maintenance</b>	<b>(115,106.32)</b>	<b>47,923.51</b>	<b>141,787.64</b>	<b>352,193.93</b>	<b>174,066.98</b>	<b>600,865.74</b>
<b>Water Purchase</b>						
Bulk Water Purchase	863,004.40	817,952.97	1,047,612.81	1,047,548.12	1,363,128.03	5,139,246.33
<b>Total Water Purchase</b>	<b>863,004.40</b>	<b>817,952.97</b>	<b>1,047,612.81</b>	<b>1,047,548.12</b>	<b>1,363,128.03</b>	<b>5,139,246.33</b>
<b>Legislative Services</b>						



# North Harris County Regional Water Authority

## Statement of Revenues and Expenditures by Period

From 1/1/2020 Through 5/31/2020

	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	Total
Legislative Consultant	10,833.33	10,833.33	10,833.33	10,833.33	10,833.33	54,166.65
<b>Total Legislative Services</b>	<b>10,833.33</b>	<b>10,833.33</b>	<b>10,833.33</b>	<b>10,833.33</b>	<b>10,833.33</b>	<b>54,166.65</b>
<b>Communications Services</b>						
Communicati... Consultant	6,670.00	6,670.00	6,670.00	6,670.00	6,670.00	33,350.00
Printing	10,174.42	0.00	6,633.63	0.00	0.00	16,808.05
Water Conservation	0.00	1,097.02	1,611.73	1,000.00	500.00	4,208.75
Professional Services - Communicati...	0.00	0.00	183.30	0.00	0.00	183.30
WBIMS	8,628.00	4,314.00	4,314.00	4,314.00	4,314.00	25,884.00
<b>Total Communications Services</b>	<b>25,472.42</b>	<b>12,081.02</b>	<b>19,412.66</b>	<b>11,984.00</b>	<b>11,484.00</b>	<b>80,434.10</b>
<b>Professional Services</b>						
Director Fees	1,800.00	1,200.00	1,650.00	1,650.00	2,100.00	8,400.00
Salaries, Wages & Benefits	116,173.24	111,095.59	117,539.54	118,052.82	117,026.26	579,887.45
Retirement	13,040.23	12,434.80	12,885.87	12,921.80	13,099.94	64,382.64
Group Insurance	15,912.76	15,912.76	15,912.76	15,912.76	15,912.76	79,563.80
Social Security	7,314.31	6,962.29	7,389.72	7,421.54	7,385.80	36,473.66
Medicare	1,710.62	1,628.29	1,728.26	1,735.69	1,727.33	8,530.19
Unemployme... Compensation	72.73	12.17	1,355.10	0.00	0.00	1,440.00
Bank Charges	0.00	2,750.00	0.00	1,030.00	0.00	3,780.00
Safe Deposit Box	0.00	0.00	0.00	75.00	0.00	75.00
Travel/Hotel...	2,684.06	4,322.11	4,499.46	3,422.22	2,533.50	17,461.35
Mileage Reimburseme...	104.26	707.83	546.25	391.58	47.73	1,797.65
Seminars/Tra...	2,995.00	445.00	3,210.00	0.00	(575.00)	6,075.00
<b>Total Professional Services</b>	<b>161,807.21</b>	<b>157,470.84</b>	<b>166,716.96</b>	<b>162,613.41</b>	<b>159,258.32</b>	<b>807,866.74</b>
<b>Office Expenses</b>						
Office Supplies	2,830.04	48.96	958.10	651.59	513.90	5,002.59
Postage/deliv...	198.00	617.79	472.35	482.98	196.53	1,967.65
Telephone/Lo... Distance	3,580.29	3,520.09	3,632.12	3,683.54	3,716.11	18,132.15
Utilities	2,448.33	38,985.04	43,528.11	47,638.23	98,049.85	230,649.56
Equipment Leases	1,086.13	1,173.96	1,086.13	1,086.13	1,086.13	5,518.48
Office Lease	12,458.75	12,458.75	12,458.75	12,458.75	12,458.75	62,293.75
Security	320.00	320.00	554.88	160.00	0.00	1,354.88
Cellular Telephone	378.47	378.47	378.47	378.37	378.37	1,892.15
Memberships...	294.00	4,018.00	414.00	70.00	40.00	4,836.00
DSL Line/Internet Service	2,844.06	2,844.06	2,844.06	2,838.72	2,838.72	14,209.62

# North Harris County Regional Water Authority

## Statement of Revenues and Expenditures by Period

From 1/1/2020 Through 5/31/2020

	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	Total
Computer Software	15,204.32	5,586.00	0.00	359.55	0.00	21,149.87
Computer Services	4,575.00	1,275.00	0.00	2,250.00	0.00	8,100.00
Computer Maintenance	8,650.00	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	3,225.03
<b>Total Office Expenses</b>	<b>56,409.85</b>	<b>72,908.69</b>	<b>66,326.97</b>	<b>72,057.86</b>	<b>119,278.36</b>	<b>386,981.73</b>
<b>Total Disbursements &amp; Expenses</b>	<b>2,237,828.27</b>	<b>2,881,964.04</b>	<b>3,931,183.40</b>	<b>3,457,322.85</b>	<b>3,978,456.97</b>	<b>16,486,755.53</b>
<b>Excess Revenues Over (Under) Expenditures</b>	<b>6,568,270.97</b>	<b>5,335,608.85</b>	<b>3,960,379.97</b>	<b>5,348,230.11</b>	<b>2,889,724.48</b>	<b>24,102,214.38</b>



**INVESTMENT REPORT, AUTHORIZATION AND REVIEW**

Report for  
NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY

Prepared for the reporting period ("Period") from **5/1/2020** to **5/31/2020**

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	0.2700%	13,140,371.81	1.00041	13,145,759.36	769.45	4,451,073.33	17,591,445.14	1.00035	17,597,602.15
OA Texpool Prime - Operating	0.7500%	4,732,695.35	1.00073	4,736,150.22	854.64	3,027.59	4,735,722.94	1.00091	4,740,032.45
CA Texpool - Construction Fund 2005	0.2700%	3,009.87	1.00041	3,011.10	(0.18)	0.69	3,010.56	1.00035	3,011.61
CA Texpool Prime - Const Fund 2015	0.7500%	1,403,013.88	1.00073	1,404,038.08	(529.41)	(859,289.02)	543,724.86	1.00091	544,219.65
CA Texpool Prime - Capital Contrib 2005	0.7500%	13,261,605.24	1.00073	13,271,286.21	2,394.81	8,483.62	13,270,088.86	1.00091	13,282,164.64
CA Texpool Prime - CHCRWA Const	0.7500%	329,269.20	1.00073	329,509.57	59.46	210.64	329,479.84	1.00091	329,779.67
CA Texpool Prime - PFUD Initial Difference 4C3	0.7500%	245,409.90	1.00073	245,589.05	44.32	156.98	245,566.88	1.00091	245,790.35
IS Texpool Prime - I & S Fund 2003/2013	0.7500%	3,583,373.31	1.00073	3,585,989.17	1,256.85	672,350.14	4,255,723.45	1.00091	4,259,596.16
IS Texpool Prime - 2013 Debt Service Reserve	0.7500%	116,415.43	1.00073	116,500.41	21.02	74.50	116,489.93	1.00091	116,595.94
IS Texpool Prime - 2014 Debt Service Reserve	0.7500%	114,724.64	1.00073	114,808.39	20.72	73.38	114,798.02	1.00091	114,902.49
CA Texpool Prime - Const Fund 2008	0.7500%	224,943.66	1.00073	225,107.87	42.33	2,024.49	226,968.15	1.00091	227,174.69
CA Texpool Prime - Capital Contrib 2008	0.7500%	8,584,344.49	1.00073	8,590,611.06	(726.05)	(2,495,862.84)	6,088,481.65	1.00091	6,094,022.17
IS Texpool Prime - I & S Fund 2008	0.7500%	2,871,920.43	1.00073	2,874,106.93	518.62	1,837.18	2,873,757.61	1.00091	2,876,372.73
IS Texpool Prime - 2008 Debt Service Reserve	0.7500%	281,785.26	1.00073	281,990.96	50.89	180.29	281,965.55	1.00091	282,222.14
IS Texpool Prime - I & S Fund 2015	0.7500%	1,759,081.23	1.00073	1,760,365.36	627.09	341,153.67	2,100,235.91	1.00091	2,102,147.12
IS Texpool Prime - 2015 Debt Service Reserve	0.7500%	348,794.80	1.00073	349,049.42	62.99	224.18	349,017.97	1.00091	349,335.58
CA Texpool Prime - Const Fund 2016	0.7500%	456,167.29	1.00073	456,500.29	82.38	291.82	456,459.11	1.00091	456,874.49
IS Texpool Prime - I & S Fund 2016	0.7500%	7,660,181.91	1.00073	7,665,773.84	2,739.31	1,495,028.90	9,155,210.81	1.00091	9,163,542.05
IS Texpool Prime - 2016 Debt Service Reserve	0.7500%	339,971.68	1.00073	340,219.86	61.39	217.44	340,189.12	1.00091	340,498.69
CA Texpool Prime - Const Fund 2016A	0.7500%	39,184,048.83	1.00073	39,212,653.19	(10,684.71)	(19,492,131.42)	19,691,917.41	1.00091	19,709,837.05
IS Texpool Prime - I & S Fund 2016A	0.7500%	4,239,005.53	1.00073	4,242,100.00	1,496.28	805,781.06	5,044,786.59	1.00091	5,049,377.35
IS Texpool Prime - 2016A Debt Service Reserve	0.7500%	479,808.97	1.00073	480,159.23	86.64	306.96	480,115.93	1.00091	480,552.84
CA Texpool Prime - Const Fund 2017	0.7500%	15,093,407.65	1.00073	15,104,425.84	13,608.87	11,969,291.49	27,062,699.14	1.00091	27,087,326.20
IS Texpool Prime - I & S Fund 2017	0.7500%	8,024,459.22	1.00073	8,030,317.08	2,901.56	1,601,271.08	9,625,730.30	1.00091	9,634,489.71
IS Texpool Prime - 2017 Debt Service Reserve	0.7500%	913,421.98	1.00073	914,088.78	164.95	584.34	914,006.32	1.00091	914,838.07
CA Texpool Prime - Const Fund 2018	0.7500%	6,650,375.66	1.00073	6,655,230.43	1,200.94	4,254.35	6,654,630.01	1.00091	6,660,685.72
IS Texpool Prime - I & S Fund 2018	0.7500%	15,266,688.83	1.00073	15,277,833.51	2,929.81	199,782.73	15,466,471.56	1.00091	15,480,546.05
IS Texpool Prime - 2018 Debt Service Reserve	0.7500%	1,004,476.95	1.00073	1,005,210.22	181.39	642.59	1,005,119.54	1.00091	1,006,034.20
CA Texpool Prime - Const Fund 2019	0.7500%	0.00	1.00073	0.00	0.00	0.00	0.00	1.00091	0.00
IS Texpool Prime - I & S Fund 2019	0.7500%	11,363,620.88	1.00073	11,371,916.32	2,052.07	7,269.50	11,370,890.38	1.00091	11,381,237.89
IS Texpool Prime - 2019 Debt Service Reserve	0.7500%	14,300,776.11	1.00073	14,311,215.68	2,582.46	9,148.42	14,309,924.53	1.00091	14,322,946.56
CA TextSTAR - Construction Fund 2005	0.2444%	17,533.81	1.000372	17,540.33	(0.91)	3.62	17,537.43	1.00032	17,543.04
IS TextSTAR - I & S Fund 2005/2014	0.2444%	2,591,321.31	1.000372	2,592,285.28	13.59	463,550.85	3,054,872.16	1.00032	3,055,849.72
CA TextSTAR - Construction Fund 2008	0.2444%	1,567,816.57	1.000372	1,568,399.80	(81.42)	325.37	1,568,141.94	1.00032	1,568,643.75
IMP TextSTAR - Improvement Fund	0.2444%	101,781,379.21	1.000372	101,819,241.88	(5,285.87)	21,123.30	101,802,502.51	1.00032	101,835,079.31
COV TextSTAR - Coverage Fund	0.2444%	47,005,995.38	1.000372	47,023,481.61	(2,441.19)	9,755.44	47,015,750.82	1.00032	47,030,795.86
	0.3336%	328,941,216.27		329,122,376.35	17,075.06	-777,783.34	328,163,432.93		328,361,668.06

**PTA Accounts**

PTA Accounts	Yield	Beginning Value for Period			Changes in Market Value	Deposits or (Withdrawal)	Ending Value for Period		
		Book	Market*	Market*			Book	Market*	Market*
NHCWRA-2016SERIESATWDBDSRF	0.166%	9,762,444.60		9,944,557.05	19,496.40	0.00	9,791,330.33		9,964,053.46
NHCWRA 2018 DSRF	0.185%	30,845,678.80		31,428,191.92	20,870.66	0.00	30,896,705.11		31,449,062.58
NHCWRA - 2017 TWDB DSRF	0.167%	20,555,081.59		20,951,945.79	36,545.67	0.00	20,613,324.50		20,988,491.46
NHCWRA - 2015 TWDB DSRF	0.131%	4,106,558.82		4,154,351.77	6,493.28	0.00	4,118,120.62		4,160,845.05
NHCRWA Improvement Fund	0.195%	87,157,708.95		88,998,368.74	27,317.11	0.00	87,287,287.52		89,025,685.85
NHCRWA Coverage Fund	0.192%	8,800,273.75		8,953,542.02	(2,070.47)	0.00	8,807,992.14		8,951,471.55
NHCRWA 2014 DSRF	0.207%	5,933,236.69		6,031,137.32	371.53	0.00	5,941,530.43		6,031,508.85
NHCRWA 2013 DSRF	0.196%	8,416,356.83		8,574,806.51	(3,619.14)	0.00	8,422,234.67		8,571,187.37
NHCRWA 2008/2016 DSRF	0.203%	19,357,719.15		19,713,264.58	9,638.91	0.00	19,391,207.12		19,722,903.49
NHCRWA 2008 Capital Contribution	0.156%	26,862,488.96		27,012,545.36	(5,822.60)	0.00	26,888,090.18		27,006,722.76
*Market values include accrued income	0.185%	221,797,548.15		225,762,711.06	109,221.35	0.00	222,157,822.62		225,871,932.40

Total of all investments

\$ (777,783.34) \$ 550,321,255.55 \$ 554,233,600.47

**Review:**

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

Investment Training since 5/2018:  
Jim Pulliam 8 hrs.

Cyndi Plunkett 8 hrs.

**Signatures:**

Investment Officer

(please sign & date)



Report: NHCWRA Holdings Report  
Date: 5/01/2020 - 5/31/2020

NHCWRA-2016 SERIES A TWDB DSRF

Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moody's Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amortized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
NHCWRA-2016SERIESATWDBDSRF	31846V443	U.S. Bancorp	05/31/2020	AAAm	Aaa	1,604,953.97	1,604,953.97	0.00	1,614,480.28	1,614,480.28	0.00	1,614,480.28
NHCWRA-2016SERIESATWDBDSRF	CCYUSD	---	05/31/2020	AAA	Aaa	163.66	163.66	0.00	769,703.58	769,703.58	0.00	769,703.58
NHCWRA-2016SERIESATWDBDSRF	3130A0EN6	Federal Home Loan Banks	12/10/2021	AA+	Aaa	752,755.73	781,240.92	8,445.31	752,614.21	780,278.87	10,242.19	790,521.05
NHCWRA-2016SERIESATWDBDSRF	9128284P2	United States	05/15/2021	AA+	Aaa	750,705.51	769,218.75	9,086.54	750,648.64	767,256.00	909.48	768,165.48
NHCWRA-2016SERIESATWDBDSRF	3135G0U92	Federal National Mortgage Association	01/11/2022	AA+	Aaa	249,896.60	259,960.24	2,005.21	249,901.67	259,753.72	2,552.08	262,305.80
NHCWRA-2016SERIESATWDBDSRF	912828D72	United States	08/31/2021	AA+	Aaa	223,526.46	230,519.48	758.15	223,618.38	230,071.28	1,137.23	231,208.50
NHCWRA-2016SERIESATWDBDSRF	9128284Q0	United States	05/31/2020	AA+	Aaa	749,951.77	751,474.50	7,838.11	0.00	0.00	0.00	0.00
NHCWRA-2016SERIESATWDBDSRF	912828J76	United States	03/31/2022	AA+	Aaa	799,204.61	823,593.60	1,185.79	799,239.30	823,031.20	2,371.58	825,402.78
NHCWRA-2016SERIESATWDBDSRF	9128286M7	United States	04/15/2022	AA+	Aaa	784,040.79	805,909.33	762.30	783,654.25	805,001.03	2,239.24	807,240.27
NHCWRA-2016SERIESATWDBDSRF	3130AEWA4	Federal Home Loan Banks	10/01/2020	AA+	Aaa	750,057.51	756,424.28	1,640.63	750,045.86	756,112.13	3,281.25	759,393.38
NHCWRA-2016SERIESATWDBDSRF	9128285Q9	United States	11/30/2020	AA+	Aaa	750,830.76	761,484.00	8,621.93	750,711.12	759,579.75	56.35	759,636.10
NHCWRA-2016SERIESATWDBDSRF	912828T67	United States	10/31/2021	AA+	Aaa	745,115.42	761,982.75	25.48	745,387.92	761,250.00	815.22	762,065.22
NHCWRA-2016SERIESATWDBDSRF	3133ELGN8	Farm Credit System	10/13/2022	AA+	Aaa	852,968.97	875,092.33	680.00	852,867.87	876,637.39	1,813.33	878,450.72
NHCWRA-2016SERIESATWDBDSRF	9128283X6	United States	02/15/2021	AA+	Aaa	748,272.83	762,539.25	3,523.35	748,457.26	760,898.25	4,960.51	765,858.76
NHCWRA-2016SERIESATWDBDSRF	---	---	06/01/2021	AA+	Aaa	9,762,444.60	9,944,557.05	44,572.79	9,791,330.33	9,964,053.46	30,378.46	9,994,431.92

NHCWRA 2018 DSRF

Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moody's Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amortized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
NHCWRA 2018 DSRF	31846V443	U.S. Bancorp	05/31/2020	AAAm	Aaa	4,380,711.09	4,380,711.09	0.00	4,405,887.28	4,405,887.28	0.00	4,405,887.28
NHCWRA 2018 DSRF	CCYUSD	---	05/31/2020	AAA	Aaa	446.04	446.04	0.00	27,543.89	27,543.89	0.00	27,543.89
NHCWRA 2018 DSRF	3135G0U92	Federal National Mortgage Association	01/11/2022	AA+	Aaa	669,722.89	696,693.44	5,373.96	669,736.49	696,139.97	6,839.58	702,979.55
NHCWRA 2018 DSRF	9128284P2	United States	05/15/2021	AA+	Aaa	2,001,881.36	2,051,250.00	24,230.77	2,001,729.71	2,046,016.00	2,425.27	2,048,441.27
NHCWRA 2018 DSRF	3130A0EN6	Federal Home Loan Banks	12/10/2021	AA+	Aaa	2,007,348.61	2,083,309.12	22,520.83	2,006,971.21	2,080,743.64	27,312.50	2,108,056.14
NHCWRA 2018 DSRF	912828D72	United States	08/31/2021	AA+	Aaa	1,241,813.66	1,280,663.75	4,211.96	1,242,324.34	1,278,173.75	6,317.93	1,284,491.68
NHCWRA 2018 DSRF	912828VV9	United States	08/31/2020	AA+	Aaa	1,997,129.36	2,013,594.00	7,160.33	1,997,858.78	2,009,860.00	10,740.49	2,020,600.49
NHCWRA 2018 DSRF	912828F96	United States	10/31/2021	AA+	Aaa	2,010,194.87	2,053,516.00	108.70	2,009,626.02	2,051,484.00	3,478.26	2,054,962.26
NHCWRA 2018 DSRF	9128286M7	United States	04/15/2022	AA+	Aaa	2,023,331.07	2,079,766.00	1,967.21	2,022,333.55	2,077,422.00	5,778.69	2,083,200.69
NHCWRA 2018 DSRF	3130AEWA4	Federal Home Loan Banks	10/01/2020	AA+	Aaa	2,000,153.37	2,017,131.42	4,375.00	2,000,122.29	2,016,299.00	8,750.00	2,025,049.00
NHCWRA 2018 DSRF	9128285Q9	United States	11/30/2020	AA+	Aaa	2,002,215.37	2,030,624.00	22,991.80	2,001,896.31	2,025,546.00	150.27	2,025,696.27
NHCWRA 2018 DSRF	3133ELEP7	Farm Credit System	09/20/2021	AA+	Aaa	1,998,636.14	2,037,936.08	3,758.33	1,998,718.29	2,037,553.80	6,508.33	2,044,062.13
NHCWRA 2018 DSRF	912828W89	United States	03/31/2022	AA+	Aaa	2,008,152.89	2,063,750.00	3,176.23	2,007,796.99	2,062,110.00	6,352.46	2,068,462.46
NHCWRA 2018 DSRF	9128285S5	United States	12/31/2020	AA+	Aaa	1,999,815.62	2,031,562.00	16,758.24	1,999,839.02	2,026,876.00	21,016.48	2,047,892.48
NHCWRA 2018 DSRF	3133ELGN8	Farm Credit System	10/13/2022	AA+	Aaa	2,508,732.26	2,573,800.98	2,000.00	2,508,434.91	2,578,345.25	5,333.33	2,583,678.58
NHCWRA 2018 DSRF	9128283X6	United States	02/15/2021	AA+	Aaa	1,995,394.22	2,033,438.00	9,395.60	1,995,886.02	2,029,062.00	13,228.02	2,042,290.02
NHCWRA 2018 DSRF	---	---	06/07/2021	AA+	Aaa	30,845,678.80	31,428,191.92	128,028.96	30,896,705.11	31,449,062.58	124,231.63	31,573,294.21

NHCWRA - 2017 TWDB DSRF

Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moody's Rating	Beginning Date	Beginning Date	Beginning Date	Ending Date	Ending Date	Ending Date	Accrued Ending Date
NHCWRA - 2017 TWDB DSRF	31846V443	U.S. Bancorp	05/31/2020	AAAm	Aaa	3,169,027.88	3,169,027.88	0.00	3,188,024.81	3,188,024.81	0.00	3,188,024.81
NHCWRA - 2017 TWDB DSRF	CCYUSD	---	05/31/2020	AAA	Aaa	323.06	323.06	0.00	1,539,406.75	1,539,406.75	0.00	1,539,406.75
NHCWRA - 2017 TWDB DSRF	3135G0U92	Federal National Mortgage Association	01/11/2022	AA+	Aaa	504,791.13	525,119.68	4,050.52	504,801.38	524,702.51	5,155.21	529,857.72
NHCWRA - 2017 TWDB DSRF	3130A0EN6	Federal Home Loan Banks	12/10/2021	AA+	Aaa	1,505,511.46	1,562,481.84	16,890.63	1,505,228.41	1,560,557.73	20,484.38	1,581,042.11
NHCWRA - 2017 TWDB DSRF	9128284P2	United States	05/15/2021	AA+	Aaa	1,501,411.02	1,538,437.50	18,173.08	1,501,297.29	1,534,512.00	1,818.95	1,536,330.95
NHCWRA - 2017 TWDB DSRF	912828D72	United States	08/31/2021	AA+	Aaa	1,440,503.84	1,485,569.95	4,885.87	1,441,096.23	1,482,681.55	7,328.80	1,490,010.35
NHCWRA - 2017 TWDB DSRF	9128284Q0	United States	05/31/2020	AA+	Aaa	1,499,903.55	1,502,949.00	15,676.23	0.00	0.00	0.00	0.00
NHCWRA - 2017 TWDB DSRF	912828J76	United States	03/31/2022	AA+	Aaa	1,648,359.52	1,698,661.80	2,445.70	1,648,431.05	1,697,501.85	4,891.39	1,702,393.24
NHCWRA - 2017 TWDB DSRF	9128286M7	United States	04/15/2022	AA+	Aaa	1,517,498.30	1,559,824.50	1,475.41	1,516,750.17	1,558,066.50	4,334.02	1,562,400.52
NHCWRA - 2017 TWDB DSRF	3130AEWA4	Federal Home Loan Banks	10/01/2020	AA+	Aaa	1,500,115.03	1,512,848.57	3,281.25	1,500,091.72	1,512,224.25	6,562.50	1,518,786.75
NHCWRA - 2017 TWDB DSRF	9128285Q9	United States	11/30/2020	AA+	Aaa	1,501,661.53	1,522,968.00	17,243.85	1,501,422.24	1,519,159.50	112.70	1,519,272.20
NHCWRA - 2017 TWDB DSRF	912828T67	United States	10/31/2021	AA+	Aaa	1,688,928.29	1,727,160.90	57.74	1,689,545.95	1,725,500.00	1,847.83	1,727,347.83
NHCWRA - 2017 TWDB DSRF	3133ELGN8	Farm Credit System	10/13/2022	AA+	Aaa	1,580,501.32	1,621,494.61	1,260.00	1,580,314.00	1,624,357.51	3,360.00	1,627,717.51
NHCWRA - 2017 TWDB DSRF	9128283X6	United States	02/15/2021	AA+	Aaa	1,496,545.66	1,525,078.50	7,046.70	1,496,914.52	1,521,796.50	9,921.02	1,531,717.52
NHCWRA - 2017 TWDB DSRF	---	---	06/05/2021	AA+	Aaa	20,555,081.59	20,951,945.79	92,486.98	20,613,324.50	20,988,491.46	65,816.80	21,054,308.26



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	05/31/2020	AAAm	Aaa	1,031,631.93	1,031,631.93	0.00	1,031,536.45	1,031,536.45	0.00	1,031,536.45
NHCWRA - 2015 TWDB DSRF	CCYUSD	---	05/31/2020	AAA	Aaa	105.59	105.59	0.00	511,838.45	511,838.45	0.00	511,838.45
NHCWRA - 2015 TWDB DSRF	9128284Q0	United States	05/31/2020	AA+	Aaa	499,967.85	500,983.00	5,225.41	0.00	0.00	0.00	0.00
NHCWRA - 2015 TWDB DSRF	9128286V7	United States	05/31/2021	AA+	Aaa	527,183.91	536,156.25	4,663.68	527,014.94	535,028.55	30.48	535,059.03
NHCWRA - 2015 TWDB DSRF	912828T67	United States	10/31/2021	AA+	Aaa	496,743.62	507,988.50	16.98	496,925.28	507,500.00	543.48	508,043.48
NHCWRA - 2015 TWDB DSRF	912828S55	United States	12/31/2020	AA+	Aaa	499,953.91	507,890.50	4,189.56	499,959.75	506,719.00	5,254.12	511,973.12
NHCWRA - 2015 TWDB DSRF	912828Z60	United States	01/31/2022	AA+	Aaa	549,621.01	561,236.50	1,890.63	549,639.29	560,957.10	2,534.68	563,491.78
NHCWRA - 2015 TWDB DSRF	9128283X6	United States	02/15/2021	AA+	Aaa	501,351.01	508,359.50	2,348.90	501,206.46	507,265.50	3,307.01	510,572.51
NHCWRA - 2015 TWDB DSRF	---	---	02/05/2021	AA+	Aaa	4,106,558.82	4,154,351.77	18,335.16	4,118,120.62	4,160,845.05	11,669.77	4,172,514.82

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	05/31/2020	AAAm	Aaa	10,079,006.87	10,079,006.87	0.00	13,190,995.25	13,190,995.25	0.00	13,190,995.25
NHCRWA Improvement Fund	CCYUSD	---	05/31/2020	AAA	Aaa	775.92	775.92	0.00	39,477.95	39,477.95	0.00	39,477.95
NHCRWA Improvement Fund	9128284T4	United States	06/15/2021	AA+	Aaa	2,988,303.96	3,083,202.00	29,692.62	2,989,168.84	3,075,351.00	36,362.70	3,111,713.70
NHCRWA Improvement Fund	3133EJ774	Farm Credit System	11/15/2021	AA+	Aaa	3,004,906.40	3,127,109.34	42,191.67	3,004,641.91	3,124,251.36	4,066.67	3,128,318.03
NHCRWA Improvement Fund	3130A0EN6	Federal Home Loan Banks	12/10/2021	AA+	Aaa	2,960,885.73	3,072,880.95	33,218.23	2,960,326.67	3,069,096.87	40,285.94	3,109,382.81
NHCRWA Improvement Fund	9128285V8	United States	01/15/2022	AA+	Aaa	2,996,645.74	3,117,069.00	22,046.70	2,996,809.46	3,112,734.00	28,434.07	3,141,168.07
NHCRWA Improvement Fund	912828CV6	United States	08/15/2021	AA+	Aaa	1,790,565.18	1,845,070.20	7,986.26	1,791,178.39	1,841,554.80	11,243.82	1,852,798.62
NHCRWA Improvement Fund	313378WG2	Federal Home Loan Banks	03/11/2022	AA+	Aaa	2,208,136.42	2,292,813.60	7,638.89	2,207,774.94	2,287,874.62	12,222.22	2,300,096.84
NHCRWA Improvement Fund	3130AECJ7	Federal Home Loan Banks	05/28/2020	AA+	Aaa	3,029,980.44	3,035,116.88	33,803.44	0.00	0.00	0.00	0.00
NHCRWA Improvement Fund	912828XY1	United States	06/30/2020	AA+	Aaa	1,499,568.93	1,505,931.00	12,568.68	1,499,791.65	1,502,854.50	15,762.36	1,518,616.86
NHCRWA Improvement Fund	3135G0T45	Federal National Mortgage Association	04/05/2022	AA+	Aaa	2,252,761.43	2,320,940.72	3,046.88	2,252,641.87	2,320,075.94	6,562.50	2,326,638.44
NHCRWA Improvement Fund	912828XR6	United States	05/31/2022	AA+	Aaa	2,250,325.72	2,321,806.50	16,460.04	2,250,312.74	2,320,663.50	107.58	2,320,771.08
NHCRWA Improvement Fund	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	2,262,513.99	2,339,037.61	18,726.56	2,262,022.40	2,335,245.05	22,710.94	2,357,955.99
NHCRWA Improvement Fund	912828Y46	United States	07/31/2020	AA+	Aaa	3,348,124.49	3,371,135.15	21,984.38	3,348,763.40	3,363,825.45	29,473.56	3,393,299.01
NHCRWA Improvement Fund	912828NT3	United States	08/15/2020	AA+	Aaa	2,997,481.20	3,022,500.00	16,442.31	2,998,217.83	3,015,411.00	23,149.04	3,038,560.04
NHCRWA Improvement Fund	912828ZV1	United States	09/15/2020	AA+	Aaa	949,457.93	954,453.60	1,668.31	949,580.59	953,154.00	2,768.68	955,922.68
NHCRWA Improvement Fund	912828ZV1	United States	09/15/2020	AA+	Aaa	1,492,115.83	1,507,032.00	2,634.17	1,493,899.84	1,504,980.00	4,371.60	1,509,351.60
NHCRWA Improvement Fund	912828ZV1	United States	09/15/2020	AA+	Aaa	1,891,484.41	1,908,907.20	3,336.62	1,893,411.29	1,906,308.00	5,537.36	1,911,845.36
NHCRWA Improvement Fund	912828ZS8	United States	08/31/2022	AA+	Aaa	2,251,830.77	2,323,476.00	6,159.99	2,251,765.74	2,323,125.00	9,239.98	2,332,364.98
NHCRWA Improvement Fund	9128287C8	United States	07/15/2022	AA+	Aaa	2,005,348.61	2,067,812.00	10,288.46	2,005,145.89	2,066,640.00	13,269.23	2,079,909.23
NHCRWA Improvement Fund	313380GJ0	Federal Home Loan Banks	09/09/2022	AA+	Aaa	1,518,726.11	1,559,992.01	4,333.33	1,518,066.83	1,558,515.74	6,833.33	1,565,349.07
NHCRWA Improvement Fund	3130AF2D8	Federal Home Loan Banks	10/15/2020	AA+	Aaa	2,998,273.42	3,031,137.63	3,813.33	2,998,593.92	3,029,972.40	10,963.33	3,040,935.73
NHCRWA Improvement Fund	912828YK0	United States	10/15/2022	AA+	Aaa	2,486,995.82	2,570,312.50	1,502.73	2,487,437.04	2,570,800.00	4,414.28	2,575,214.28
NHCRWA Improvement Fund	313378JP7	Federal Home Loan Banks	09/10/2021	AA+	Aaa	2,019,991.29	2,055,352.82	6,729.17	2,018,762.90	2,053,848.08	10,687.50	2,064,535.58
NHCRWA Improvement Fund	912828T67	United States	10/31/2021	AA+	Aaa	2,980,461.69	3,047,931.00	101.90	2,981,551.68	3,045,000.00	3,260.87	3,048,260.87
NHCRWA Improvement Fund	912828YW4	United States	12/15/2022	AA+	Aaa	2,497,341.13	2,591,307.50	15,317.62	2,497,425.12	2,591,895.00	18,758.54	2,610,653.54
NHCRWA Improvement Fund	912828U65	United States	11/30/2021	AA+	Aaa	2,253,145.03	2,304,668.25	16,460.04	2,252,980.34	2,302,911.00	107.58	2,303,018.58
NHCRWA Improvement Fund	912828T67	United States	10/31/2021	AA+	Aaa	496,743.62	507,988.50	16.98	496,925.28	507,500.00	543.48	508,043.48
NHCRWA Improvement Fund	912828A83	United States	12/31/2020	AA+	Aaa	2,988,831.85	3,044,532.00	23,880.49	2,990,246.81	3,038,085.00	29,948.49	3,068,033.49
NHCRWA Improvement Fund	3133ELKN3	Farm Credit System	01/28/2022	AA+	Aaa	2,600,589.71	2,656,057.74	10,410.83	2,600,561.26	2,657,972.98	13,769.17	2,671,742.15
NHCRWA Improvement Fund	3133ELGN8	Farm Credit System	10/13/2022	AA+	Aaa	2,257,859.03	2,316,420.88	1,800.00	2,257,591.42	2,320,510.73	4,800.00	2,325,310.73
NHCRWA Improvement Fund	9128283X6	United States	02/15/2021	AA+	Aaa	2,983,525.27	3,050,157.00	14,093.41	2,985,282.17	3,043,593.00	19,842.03	3,063,435.03
NHCRWA Improvement Fund	9128284B3	United States	03/15/2021	AA+	Aaa	3,392,738.86	3,466,140.20	10,313.18	3,393,434.85	3,458,439.20	17,115.49	3,475,554.69
NHCRWA Improvement Fund	3133EJLZ0	Farm Credit System	04/23/2021	AA+	Aaa	3,422,266.15	3,500,294.17	1,997.92	3,422,501.25	3,493,024.44	9,490.10	3,502,514.54
NHCRWA Improvement Fund	---	---	07/07/2021	AA+	Aaa	87,157,708.95	88,998,368.74	400,665.14	87,287,287.52	89,025,685.85	416,102.45	89,441,788.29

NHCRWA Coverage Fund

Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moodys Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amortized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
NHCRWA Coverage Fund	31846V443	U.S. Bancorp	05/31/2020	AAAm	Aaa	955,962.68	955,962.68	0.00	1,522,951.82	1,522,951.82	0.00	1,522,951.82
NHCRWA Coverage Fund	CCYUSD	---	05/31/2020	AAA	Aaa	72.05	72.05	0.00	9.93	9.93	0.00	9.93
NHCRWA Coverage Fund	912828WR7	United States	06/30/2021	AA+	Aaa	473,169.00	485,873.23	3,383.07	473,300.78	484,815.40	4,242.70	489,058.10
NHCRWA Coverage Fund	3130AECJ7	Federal Home Loan Banks	05/28/2020	AA+	Aaa	559,996.38	560,945.69	6,247.50	0.00	0.00	0.00	0.00
NHCRWA Coverage Fund	3137EADB2	Freddie Mac	01/13/2022	AA+	Aaa	328,037.20	336,527.43	2,315.63	327,887.51	336,428.34	2,958.85	339,387.19
NHCRWA Coverage Fund	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	276,529.49	285,882.37	2,288.80	276,469.40	285,418.84	2,775.78	288,194.62
NHCRWA Coverage Fund	9128282F6	United States	08/31/2021	AA+	Aaa	495,216.05	506,289.00	947.69	495,515.57	505,859.50	1,421.54	507,281.04
NHCRWA Coverage Fund	912828Y46	United States	07/31/2020	AA+	Aaa	649,636.10	654,100.85	4,265.63	649,760.06	652,682.55	5,718.75	658,401.30
NHCRWA Coverage Fund	9128282V1	United States	09/15/2020	AA+	Aaa	414,763.20	416,945.52	728.79	414,816.78	416,377.80	1,209.48	417,587.28
NHCRWA Coverage Fund	9128282V1	United States	09/15/2020	AA+	Aaa	1,148,975.31	1,155,391.20	2,019.53	1,149,207.18	1,153,818.00	3,351.56	1,157,169.56
NHCRWA Coverage Fund	9128286M7	United States	04/15/2022	AA+	Aaa	379,374.58	389,956.13	368.85	379,187.54	389,516.63	1,083.50	390,600.13
NHCRWA Coverage Fund	912828YK0	United States	10/15/2022	AA+	Aaa	323,309.45	334,140.63	195.36	323,366.81	334,204.00	573.86	334,777.86
NHCRWA Coverage Fund	912828T67	United States	10/31/2021	AA+	Aaa	248,371.80	253,994.25	8.49	248,462.64	253,750.00	271.74	254,021.74
NHCRWA Coverage Fund	912828YW4	United States	12/15/2022	AA+	Aaa	749,202.34	777,392.25	4,595.29	749,227.54	777,568.50	5,627.56	783,196.06
NHCRWA Coverage Fund	912828YK0	United States	10/15/2022	AA+	Aaa	324,127.60	334,140.63	195.36	324,157.23	334,204.00	573.86	334,777.86
NHCRWA Coverage Fund	3133ELKN3	Farm Credit System	01/28/2022	AA+	Aaa	400,090.73	408,624.27	1,601.67	400,086.35	408,918.92	2,118.33	411,037.25
NHCRWA Coverage Fund	9128284B3	United States	03/15/2021	AA+	Aaa	523,878.79	535,212.83	1,592.48	523,986.26	534,023.70	2,642.83	536,666.53
NHCRWA Coverage Fund	3133EJLZ0	Farm Credit System	04/23/2021	AA+	Aaa	549,560.99	562,091.04	320.83	549,598.74	560,923.63	1,523.96	562,447.59
NHCRWA Coverage Fund	---	---	06/07/2021	AA+	Aaa	8,800,273.75	8,953,542.02	31,074.95	8,807,992.14	8,951,471.55	36,094.30	8,987,565.86

NHCRWA 2014 DSRF

Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moodys Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amortized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
NHCRWA 2014 DSRF	31846V443	U.S. Bancorp	05/31/2020	AAAm	Aaa	667,184.45	667,184.45	0.00	666,950.17	666,950.17	0.00	666,950.17
NHCRWA 2014 DSRF	CCYUSD	---	05/31/2020	AAA	Aaa	57.58	57.58	0.00	8,256.67	8,256.67	0.00	8,256.67
NHCRWA 2014 DSRF	912828WR7	United States	06/30/2021	AA+	Aaa	298,843.58	306,867.30	2,136.68	298,926.80	306,199.20	2,679.60	308,878.80
NHCRWA 2014 DSRF	3137EADB2	Freddie Mac	01/13/2022	AA+	Aaa	227,102.68	232,980.53	1,603.13	226,999.04	232,911.92	2,048.44	234,960.36
NHCRWA 2014 DSRF	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	201,112.36	207,914.45	1,664.58	201,068.66	207,577.34	2,018.75	209,596.09
NHCRWA 2014 DSRF	9128282F6	United States	08/31/2021	AA+	Aaa	272,368.83	278,458.95	521.23	272,533.56	278,222.73	781.84	279,004.57
NHCRWA 2014 DSRF	912828Y46	United States	07/31/2020	AA+	Aaa	524,706.08	528,312.23	3,445.31	524,806.20	527,166.68	4,618.99	531,785.67
NHCRWA 2014 DSRF	9128282V1	United States	09/15/2020	AA+	Aaa	299,828.82	301,406.40	526.83	299,867.55	300,996.00	874.32	301,870.32
NHCRWA 2014 DSRF	9128282V1	United States	09/15/2020	AA+	Aaa	749,331.73	753,516.00	1,317.09	749,482.94	752,490.00	2,185.80	754,675.80
NHCRWA 2014 DSRF	9128286M7	United States	04/15/2022	AA+	Aaa	303,499.66	311,964.90	295.08	303,350.03	311,613.30	866.80	312,480.10
NHCRWA 2014 DSRF	9128285Q9	United States	11/30/2020	AA+	Aaa	600,266.04	609,187.20	6,897.54	600,227.74	607,663.80	45.08	607,708.88
NHCRWA 2014 DSRF	912828YW4	United States	12/15/2022	AA+	Aaa	349,627.76	362,783.05	2,144.47	349,639.52	362,865.30	2,626.20	365,491.50
NHCRWA 2014 DSRF	912828A83	United States	12/31/2020	AA+	Aaa	289,620.23	294,304.76	2,308.45	289,668.41	293,681.55	2,895.02	296,576.57
NHCRWA 2014 DSRF	9128282S8	United States	08/31/2022	AA+	Aaa	175,592.32	180,714.80	479.11	175,571.26	180,687.50	718.67	181,406.17
NHCRWA 2014 DSRF	3133ELKN3	Farm Credit System	01/28/2022	AA+	Aaa	300,068.04	306,468.20	1,201.25	300,064.76	306,689.19	1,588.75	308,277.94
NHCRWA 2014 DSRF	9128284B3	United States	03/15/2021	AA+	Aaa	324,305.92	331,322.23	985.82	324,372.45	330,586.10	1,636.04	332,222.14
NHCRWA 2014 DSRF	3133EJLZ0	Farm Credit System	04/23/2021	AA+	Aaa	349,720.63	357,694.30	204.17	349,744.65	356,951.40	969.79	357,921.19
NHCRWA 2014 DSRF	---	---	04/20/2021	AA+	Aaa	5,933,236.69	6,031,137.32	25,730.73	5,941,530.43	6,031,508.85	26,554.09	6,058,062.94



NHCRWA 2013 DSRF

Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moody's Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amortized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
NHCRWA 2013 DSRF	31846V443	U.S. Bancorp	05/31/2020	AAAm	Aaa	795,679.98	795,679.98	0.00	1,246,172.17	1,246,172.17	0.00	1,246,172.17
NHCRWA 2013 DSRF	CCYUSD	---	05/31/2020	AAA	Aaa	66.15	66.15	0.00	8.25	8.25	0.00	8.25
NHCRWA 2013 DSRF	912828F21	United States	09/30/2021	AA+	Aaa	571,426.90	590,902.20	1,034.92	571,637.84	589,824.08	2,069.84	591,893.92
NHCRWA 2013 DSRF	912828WR7	United States	06/30/2021	AA+	Aaa	522,976.26	537,017.78	3,739.18	523,121.91	535,848.60	4,689.30	540,537.90
NHCRWA 2013 DSRF	1330AECJ7	Federal Home Loan Banks	05/28/2020	AA+	Aaa	444,997.13	445,751.49	4,964.53	0.00	0.00	0.00	0.00
NHCRWA 2013 DSRF	3137EADB2	Freddie Mac	01/13/2022	AA+	Aaa	529,906.25	543,621.23	3,740.63	529,664.44	543,461.16	4,779.69	548,240.85
NHCRWA 2013 DSRF	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	326,807.58	337,860.99	2,704.95	326,736.57	337,313.17	3,280.47	340,593.64
NHCRWA 2013 DSRF	912828Y46	United States	07/31/2020	AA+	Aaa	474,734.07	477,996.78	3,117.19	474,824.66	476,960.33	4,179.09	481,139.41
NHCRWA 2013 DSRF	9128282V1	United States	09/15/2020	AA+	Aaa	424,757.49	426,992.40	746.35	424,812.37	426,411.00	1,238.62	427,649.62
NHCRWA 2013 DSRF	9128282V1	United States	09/15/2020	AA+	Aaa	1,099,019.87	1,105,156.80	1,931.73	1,099,241.65	1,103,652.00	3,205.84	1,106,857.84
NHCRWA 2013 DSRF	9128286M7	United States	04/15/2022	AA+	Aaa	455,249.49	467,947.35	442.62	455,025.05	467,419.95	1,300.20	468,720.15
NHCRWA 2013 DSRF	912828YK0	United States	10/15/2022	AA+	Aaa	323,309.45	334,140.63	195.36	323,366.81	334,204.00	573.86	334,777.86
NHCRWA 2013 DSRF	912828T67	United States	10/31/2021	AA+	Aaa	248,371.80	253,994.25	8.49	248,462.64	253,750.00	271.74	254,021.74
NHCRWA 2013 DSRF	912828YW4	United States	12/15/2022	AA+	Aaa	549,415.05	570,087.65	3,369.88	549,433.52	570,216.90	4,126.88	574,343.78
NHCRWA 2013 DSRF	9128282S8	United States	08/31/2022	AA+	Aaa	250,846.18	258,164.00	684.44	250,816.09	258,125.00	1,026.66	259,151.66
NHCRWA 2013 DSRF	3133ELKN3	Farm Credit System	01/28/2022	AA+	Aaa	500,113.41	510,780.34	2,002.08	500,107.93	511,148.65	2,647.92	513,796.57
NHCRWA 2013 DSRF	9128284B3	United States	03/15/2021	AA+	Aaa	449,038.97	458,753.85	1,364.98	449,131.08	457,734.60	2,265.29	459,999.89
NHCRWA 2013 DSRF	3133EJLZ0	Farm Credit System	04/23/2021	AA+	Aaa	449,640.81	459,892.67	262.50	449,671.70	458,937.52	1,246.88	460,184.39
<b>NHCRWA 2013 DSRF</b>	<b>---</b>	<b>---</b>	<b>06/25/2020</b>	<b>AA+</b>	<b>Aaa</b>	<b>8,416,356.83</b>	<b>8,574,806.51</b>	<b>30,309.82</b>	<b>8,422,234.67</b>	<b>8,571,187.37</b>	<b>36,902.27</b>	<b>8,608,089.64</b>

NHCRWA 2008 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 2008 DSRF	31846V443	U.S. Bancorp	05/31/2020	AAAm	Aaa	1,660,079.24	1,660,079.24	0.00	2,647,600.65	2,647,600.65	0.00	2,647,600.65
NHCRWA 2008 DSRF	CCYUSD	---	05/31/2020	AAA	Aaa	134.96	134.96	0.00	10,329.77	10,329.77	0.00	10,329.77
NHCRWA 2008 DSRF	3133EJL74	Farm Credit System	11/15/2021	AA+	Aaa	701,144.83	729,658.85	9,844.72	701,083.11	728,991.98	948.89	729,940.87
NHCRWA 2008 DSRF	912828WR7	United States	06/30/2021	AA+	Aaa	846,723.48	869,457.35	6,053.91	846,959.28	867,564.40	7,592.20	875,156.60
NHCRWA 2008 DSRF	1330AECJ7	Federal Home Loan Banks	05/28/2020	AA+	Aaa	964,993.77	966,629.63	10,765.78	0.00	0.00	0.00	0.00
NHCRWA 2008 DSRF	912828VJ6	United States	06/30/2020	AA+	Aaa	999,027.59	1,002,924.00	6,284.34	999,530.00	1,001,405.00	7,881.18	1,009,286.18
NHCRWA 2008 DSRF	3137EADB2	Freddie Mac	01/13/2022	AA+	Aaa	1,211,214.29	1,242,562.80	8,550.00	1,210,661.57	1,242,196.93	10,925.00	1,253,121.93
NHCRWA 2008 DSRF	313379Q69	Federal Home Loan Banks	06/10/2022	AA+	Aaa	854,727.51	883,636.43	7,074.48	854,541.79	882,203.69	8,579.69	890,783.37
NHCRWA 2008 DSRF	9128282F6	United States	08/31/2021	AA+	Aaa	495,216.05	506,289.00	947.69	495,515.57	505,859.50	1,421.54	507,281.04
NHCRWA 2008 DSRF	912828Y46	United States	07/31/2020	AA+	Aaa	624,650.09	628,943.13	4,101.56	624,769.29	627,579.38	5,498.80	633,078.17
NHCRWA 2008 DSRF	9128284Y3	United States	08/31/2020	AA+	Aaa	999,861.31	1,008,359.00	4,422.55	999,896.55	1,006,166.00	6,633.83	1,012,799.83
NHCRWA 2008 DSRF	9128282V1	United States	09/15/2020	AA+	Aaa	624,643.37	627,930.00	1,097.57	624,724.07	627,075.00	1,821.50	628,896.50
NHCRWA 2008 DSRF	9128282V1	United States	09/15/2020	AA+	Aaa	999,108.97	1,004,688.00	1,756.11	999,310.59	1,003,320.00	2,914.40	1,006,234.40
NHCRWA 2008 DSRF	9128286M7	United States	04/15/2022	AA+	Aaa	708,165.87	727,918.10	688.52	707,816.74	727,097.70	2,022.54	729,120.24
NHCRWA 2008 DSRF	912828YK0	United States	10/15/2022	AA+	Aaa	572,009.04	591,171.88	345.63	572,110.52	591,284.00	1,015.28	592,299.28
NHCRWA 2008 DSRF	9128285Q9	United States	11/30/2020	AA+	Aaa	450,199.53	456,890.40	5,173.16	450,170.81	455,747.85	33.81	455,781.66
NHCRWA 2008 DSRF	9128285Q9	United States	11/30/2020	AA+	Aaa	300,263.07	304,593.60	3,448.77	300,225.19	303,831.90	22.54	303,854.44
NHCRWA 2008 DSRF	912828T67	United States	10/31/2021	AA+	Aaa	993,487.23	1,015,977.00	33.97	993,850.56	1,015,000.00	1,086.96	1,016,086.96
NHCRWA 2008 DSRF	912828U81	United States	12/31/2021	AA+	Aaa	754,009.74	772,324.50	5,027.47	753,807.68	771,533.25	6,304.95	777,838.20
NHCRWA 2008 DSRF	912828YW4	United States	12/15/2022	AA+	Aaa	749,202.34	777,392.25	4,595.29	749,227.54	777,568.50	5,627.56	783,196.06
NHCRWA 2008 DSRF	9128282S8	United States	08/31/2022	AA+	Aaa	526,776.97	542,144.40	1,437.33	526,713.78	542,062.50	2,156.00	544,218.50
NHCRWA 2008 DSRF	3133ELKN3	Farm Credit System	01/28/2022	AA+	Aaa	750,170.11	766,170.50	3,003.13	750,161.90	766,722.98	3,971.88	770,694.85
NHCRWA 2008 DSRF	3133EJXV6	Farm Credit System	02/23/2021	AA+	Aaa	624,770.27	636,988.78	3,187.50	624,794.13	635,639.59	4,593.75	640,233.34
NHCRWA 2008 DSRF	9128284B3	United States	03/15/2021	AA+	Aaa	972,917.76	993,966.68	2,957.46	973,117.35	991,758.30	4,908.12	996,666.42
NHCRWA 2008 DSRF	3133EJLZ0	Farm Credit System	04/23/2021	AA+	Aaa	974,221.75	996,434.11	568.75	974,288.68	994,364.62	2,701.56	997,066.18
<b>NHCRWA 2008 DSRF</b>	<b>---</b>	<b>---</b>	<b>06/01/2021</b>	<b>AA+</b>	<b>Aaa</b>	<b>19,357,719.15</b>	<b>19,713,264.58</b>	<b>91,365.70</b>	<b>19,391,207.12</b>	<b>19,722,903.49</b>	<b>88,661.97</b>	<b>19,811,565.46</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	05/31/2020	AAAm	Aaa	6,320,590.76	6,320,590.76	0.00	8,334,822.39	8,334,822.39	0.00	8,334,822.39
NHCRWA 2008 Capital Contributi	CCYUSD	---	05/31/2020	AAA	Aaa	538.10	538.10	0.00	16,318.87	16,318.87	0.00	16,318.87
NHCRWA 2008 Capital Contributi	912828X96	United States	05/15/2020	AA+	Aaa	1,999,484.83	2,001,076.00	13,846.15	0.00	0.00	0.00	0.00
NHCRWA 2008 Capital Contributi	912828XH8	United States	06/30/2020	AA+	Aaa	1,998,878.25	2,005,024.00	10,892.86	1,999,457.82	2,002,412.00	13,660.71	2,016,072.71
NHCRWA 2008 Capital Contributi	912828XM7	United States	07/31/2020	AA+	Aaa	1,998,452.85	2,007,622.00	8,125.00	1,998,979.90	2,004,958.00	10,892.86	2,015,850.86
NHCRWA 2008 Capital Contributi	9128284Y3	United States	08/31/2020	AA+	Aaa	2,004,186.10	2,016,718.00	8,845.11	2,003,122.42	2,012,332.00	13,267.66	2,025,599.66
NHCRWA 2008 Capital Contributi	9128285B2	United States	09/30/2020	AA+	Aaa	2,007,442.69	2,022,032.00	4,658.47	2,005,924.78	2,016,796.00	9,316.94	2,026,112.94
NHCRWA 2008 Capital Contributi	912828WC0	United States	10/31/2020	AA+	Aaa	1,999,284.70	2,016,016.00	95.11	1,999,405.87	2,012,734.00	3,043.48	2,015,777.48
NHCRWA 2008 Capital Contributi	912828M98	United States	11/30/2020	AA+	Aaa	2,000,046.94	2,017,500.00	13,586.07	2,000,040.16	2,014,376.00	88.80	2,014,464.80
NHCRWA 2008 Capital Contributi	912828N48	United States	12/31/2020	AA+	Aaa	2,001,096.20	2,021,484.00	11,730.77	2,000,956.66	2,018,124.00	14,711.54	2,032,835.54
NHCRWA 2008 Capital Contributi	9128285X4	United States	01/31/2021	AA+	Aaa	2,012,416.05	2,035,312.00	12,500.00	2,011,013.94	2,030,782.00	16,758.24	2,047,540.24
NHCRWA 2008 Capital Contributi	9128286D7	United States	02/28/2021	AA+	Aaa	2,520,071.49	2,548,632.50	10,529.89	2,518,047.38	2,543,067.50	15,794.84	2,558,862.34
NHCRWA 2008 Capital Contributi	---	---	09/16/2020	AA+	Aaa	26,862,488.96	27,012,545.36	94,809.42	26,888,090.18	27,006,722.76	97,535.07	27,104,257.83

Summary

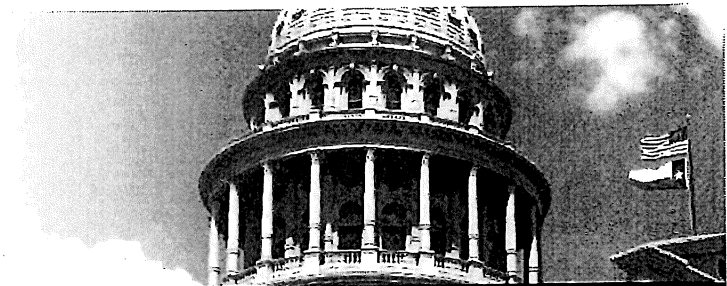
Account	Identifier	Ultimate Parent Description	Final Maturity	S&P Rating	Moodys Rating	Amortized Cost Beginning Date	Market Value Beginning Date	Accrued Interest Beginning Date	Amotized Cost Ending Date	Market Value Ending Date	Accrued Interest Ending Date	Market Value + Accrued Ending Date
---	---	---	05/14/2021	AA+	Aaa	221,797,548.15	225,762,711.06	957,379.66	222,157,822.62	225,871,932.40	933,946.82	226,805,879.23

\* Grouped by: Account

\* Groups Sorted by: Account

\* Weighted by: Ending Market Value + Accrued





# Monthly Newsletter: June 2020

## ANNOUNCEMENTS

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

### TexPool

No New Participants

### TexPool Prime

No New Participants

### Upcoming Events

#### IMPORTANT MESSAGE

Due to efforts to reduce the spread of COVID-19, all summer events have been cancelled

Sep 21, 2020 – Sep 24 2020  
72nd Annual CTAT (County Treasurers Assoc of TX) Conference  
Hilton Waco, Austin

Oct 02, 2020 – Oct 04, 2020  
TASA/TASB Annual Conference  
Hilton Waco, Austin

Oct 14, 2020 – Oct 16, 2020  
TML Annual Conference  
Henry B. Gonzalez Convention Center,  
San Antonio

Nov 4, 2020 – Nov 6, 2020  
GFOAT Fall Conference  
Sheraton Arlington Hotel,  
San Marcos

### TexPool Advisory Board Members

David Garcia	Jerry Dale
Patrick Krishock	David Landeros
Belinda Weaver	Sharon Matthews
Deborah Laudermilk	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: Less of Zero

June 1, 2020

Investors have been given plenty of alphabet soup since the onset of the coronavirus. Among the first servings were special purpose vehicles such as the Money Market Mutual Fund Liquidity Facility (MMLF), Commercial Paper Funding Facility (CPFF) and Primary Dealer Credit Facility (PDCF). Then came Congress' CARES Act and a slew of others.

More recently, new letters have turned up to forecast the shape of the GDP curve as the U.S. economy recovers from recession. They range from an optimistic prediction of a V-shaped curve to the pessimistic L-shaped one. Our best case is for a U. As communities continue to lower restrictions, we think the economy can recover sooner than many expect. If there are too many hiccups or false starts—or if we see a resurgence of Covid-19 infections—the bottom of the U will be longer. But what we have seen in the last month as the U.S. and other countries begin to open up is encouraging.

No matter the shape of the curve, we aren't expecting a return to the extended zero-rate time frame of 2008 to 2016, but one best measured in quarters, adding up to a couple of years at most. The minutes of the April Federal Open Market Committee revealed this was the Fed's consensus. If anything, the Fed seems to be quietly formulating a

(continued page 6)

### Performance as of May 31, 2020

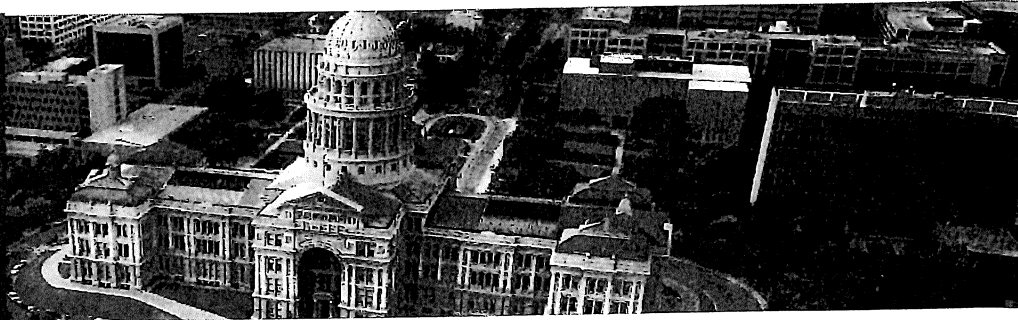
	TexPool	TexPool Prime
Current Invested Balance	\$27,678,713,202.66	\$7,154,878,504.00
Weighted Average Maturity**	36	50
Weighted Average Life**	109	63
Net Asset Value	1.00035	1.00091
Total Number of Participants	2,613	423
Management Fee on Invested Balance	0.0450%	0.0550%
Interest Distributed	\$6,330,808.31	\$4,530,438.64
Management Fee Collected	\$964,318.51	\$298,578.72
Standard & Poor's Current Rating	AAAm	AAAm
<b>Month Averages</b>		
Average Invested Balance	\$27,990,041,980.72	\$7,082,275,797.12
Average Monthly Rate*	0.27%	0.75%
Average Weighted Average Maturity**	33	51
Average Weighted Average Life**	107	68

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

\*\*See page 2 for definitions.

Past performance is no guarantee of future results.

**TexSTAR**  
**MONTHLY NEWSLETTER**  
**MAY 2020**



**PERFORMANCE**

**As of May 31, 2020**

Current Invested Balance	\$9,711,678,322.09
Weighted Average Maturity (1)	29 Days
Weighted Average Maturity(2)	103 Days
Net Asset Value	1.000320
Total Number of Participants	924
Management Fee on Invested Balance	0.06%*
Interest Distributed	\$2,470,313.74
Management Fee Collected	\$486,325.75
% of Portfolio Invested Beyond 1 Year	6.60%
Standard & Poor's Current Rating	AAAm

**May Averages**

Average Invested Balance	\$9,569,398,760.50
Average Monthly Yield, on a simple basis	0.2444%
Average Weighted Maturity (1)*	29 Days
Average Weighted Life (2)*	103 Days

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

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

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

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

**NEW PARTICIPANTS**

We would like to welcome the following entity who joined the TexSTAR program in May:

- \* Kaufman County Fresh Water Supply District No. 1-C

**HOLIDAY REMINDER**

In observance of **Independence Day, TexSTAR will be closed on Friday, July 3, 2020.** All ACH transactions initiated on Thursday, July 2nd will settle on Monday, July 6th. Notification of any early transaction deadlines on the business day preceding this holiday will be sent by email to the primary contact on file for all TexSTAR participants. Please plan accordingly for your liquidity needs.

**ECONOMIC COMMENTARY**

**Market review**

The impact of the COVID-19 pandemic continued to dominate markets in May, with an increasing focus on how countries would begin to relax their lockdown measures and how this would affect the economy. Markets continued to normalize and credit spreads tightened given the Federal Reserve's \$3 trillion balance sheet expansion, the flattening of the COVID-19 contagion curve and optimism about growing momentum to reopen economies. However, intensifying tensions between the U.S. and China have increased geopolitical uncertainty just as concerns over the health crisis have begun to recede. The U.S. unemployment rate for April reached 14.7%, the highest level in post-war history. With around 10 million additional people claiming unemployment insurance over the last month, the unemployment rate will continue to worsen in the next jobs report on June 5th. With stay-at-home orders in the U.S. having started around the end of March and activity still not back to full capacity, the expectation is for second quarter GDP to be considerably worse than in the first quarter. Almost all states have relaxed their lockdown orders to some degree despite the fact that several states are still experiencing an acceleration in new daily infections. As U.S. states begin to increasingly relax their stay-at-home orders, we will need to monitor the infection rate. After the U.S. Federal Reserve (Fed) reacted quickly last month by increasing its balance sheet purchases, it made no meaningful adjustments to policy at its May meeting. Fed Chair Powell did push back on using negative rates as he does not believe they are good for the economy and have shown mixed evidence of success particularly given some of the downside effects on the banking sector.

*(continued page 4)*





**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 5/1/2020 Through 5/31/2020

Check Date	Check Number	Vendor Name	Check Amount
5/4/2020	6939	KELLY P. FESSLER	277.05
5/4/2020	6940	JAMES PULLIAM	303.55
5/4/2020	6941	ALAN J. RENDL	598.83
5/4/2020	6942	LENOX SIGLER	277.05
5/4/2020	6943	AECOM USA GROUP INC.	13,032.00
5/4/2020	6944	BLUE CROSS OF TEXAS	11,737.66
5/4/2020	6945	BRESNENASSOCIATES, INC.	10,833.33
5/4/2020	6946	CONSTELLATION NEW ENERGY, INC.	47,455.81
5/4/2020	6947	CITY OF HOUSTON UTILITY CUSTOMER SERVICE	4,096.38
5/4/2020	6948	CITY OF HOUSTON UTILITY CUSTOMER SERVICE	1,043,516.43
5/4/2020	6949	MCGRATH & CO., PLLC	30,000.00
5/4/2020	6950	NAPCO CHEMICAL COMPANY	5,191.10
5/4/2020	6951	PAYNE COMMUNICATIONS	6,670.00
5/4/2020	6952	RADCLIFFE BOBBITT ADAMS POLLEY PLLC	17,699.41
5/4/2020	6953	TRISON PROPERTIES	12,458.75
5/5/2020	6954	RON GRAHAM	554.10
5/5/2020	EFTPS05/05/2020	INTERNAL REVENUE SERVICE	229.50
5/6/2020	EFTPS05/06/2020	INTERNAL REVENUE SERVICE	91.80
5/15/2020	401W05/15/2020	VANTAGEPOINT TRANSFER AGENTS - 401	2,688.28
5/15/2020	401X05/15/2020	VANTAGEPOINT TRANSFER AGENTS - 401	7,444.44
5/15/2020	457W05/15/2020	VANTAGEPOINT TRANSFER AGENTS - 457	8,071.60
5/15/2020	EFTPS05/15/2020	INTERNAL REVENUE SERVICE	13,379.15
5/27/2020	PWIRE05/27/2020	TEXAS EQUAL ACCESS TO JUSTICE IOLTA	111,972.00
5/29/2020	401W05/29/2020	VANTAGEPOINT TRANSFER AGENTS - 401	2,688.28
5/29/2020	401X05/29/2020	VANTAGEPOINT TRANSFER AGENTS - 401	7,444.44
5/29/2020	457W05/29/2020	VANTAGEPOINT TRANSFER AGENTS - 457	8,071.60
5/29/2020	EFTPS05/29/2020	INTERNAL REVENUE SERVICE	13,379.15
Total 1110 - Cash in Bank - Amegy Operating acct			1,380,161.69



# North Harris County Regional Water Authority

Check/Voucher Register

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

From 5/1/2020 Through 5/31/2020

<u>Check Date</u>	<u>Check Number</u>	<u>Vendor Name</u>	<u>Check Amount</u>
5/4/2020	8576	AECOM USA GROUP INC.	365,578.00
5/4/2020	8577	ARCADIS	150,226.25
5/4/2020	8578	AURORA TECHNICAL SERVICES, LLC	378,450.97
5/4/2020	8579	BINKLEY & BARFIELD, INC.	195,589.75
5/4/2020	8580	CAROLLO	39,367.78
5/4/2020	8581	DANNENBAUM ENGINEERING CORPORATION	823,494.67
5/4/2020	8582	FREESE AND NICHOLS	51,309.65
5/4/2020	8583	HR GREEN, INC.	21,420.70
5/4/2020	8584	JONES & CARTER, INC.	1,511.25
5/4/2020	8585	KIMLEY-HORN AND ASSOCIATES, INC.	9,611.65
5/4/2020	8586	KIT PROFESSIONALS, INC.	6,527.20
5/4/2020	8587	LJA ENGINEERING	20,110.40
5/4/2020	8588	PAS PROPERTY ACQUISITION SERVICES, LLC	78,347.55
5/4/2020	8590	UNIVERSAL FIELD SERVICES, INC.	213,631.92
5/4/2020	8591	V&A CONSULTING ENGINEERS INC	110,822.00
5/13/2020	8592	BNSF RAILWAY COMPANY	5,800.00
5/13/2020	8593	BNSF RAILWAY COMPANY	2,000.00
5/13/2020	8594	BNSF RAILWAY COMPANY	5,800.00
5/13/2020	8595	BNSF RAILWAY COMPANY	2,000.00
5/15/2020	8596	TEXAS LOAN STAR TITLE, LLC	34,993.26
		Total 1115 - Cash in Bank - Amegy Cap Proj 2003	2,516,593.00

# North Harris County Regional Water Authority

Check/Voucher Register

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

From 5/1/2020 Through 5/31/2020

Check Date	Check Number	Vendor Name	Check Amount
5/11/2020	17841	AT&T	371.57
5/11/2020	17842	AT&T	40.51
5/11/2020	17843	CENTERPOINT ENERGY	18.24
5/11/2020	17844	COMCAST	137.28
5/11/2020	17845	ICMA RETIREMENT CORPORATION	250.00
5/11/2020	17846	PERSONALIZED COMMUNICATIONS, INC.	176.45
5/11/2020	17847	QUILL	186.87
5/11/2020	17848	RICOH USA, INC.	1,086.13
5/11/2020	17849	SPRINT	2,228.14
5/26/2020	17850	BANKCARD CENTER	179.99
5/26/2020	17851	AT&T	2,838.72
5/26/2020	17852	AT&T	332.47
5/26/2020	17853	AT&T	152.88
5/26/2020	17854	AT&T	384.14
5/26/2020	17855	AT&T MOBILITY	173.37
5/26/2020	17856	EDP	500.00
5/26/2020	17857	GRANT ROAD P.U.D.	1,445.00
5/26/2020	17858	HAMLET HOVSEPIAN	360.00
5/26/2020	17859	HARRIS COUNTY MUD 217	47.50
5/26/2020	17860	JUN CHANG	616.49
5/26/2020	17861	JIMMIE SCHINDEWOLF	1,225.00
5/26/2020	17862	MARK EVANS	520.00
5/26/2020	17863	MIDDLEMAN MESSENGER	166.00
5/26/2020	17864	QUILL	41.03
5/26/2020	17865	SHOWRI NANDAGIRI	200.00
5/26/2020	17866	THE TEXAS NETWORK	2,899.00
5/26/2020	17867	THE TEXAS NETWORK	1,415.00
5/26/2020	17868	TEXAS WATER CONSERVATION ASSOCIATION	300.00
5/31/2020	MAY 2020 GUARD	GUARDIAN	4,460.96
Total 1120 - Cash in Bank - Amegy Admin. Expense			22,752.74

# North Harris County Regional Water Authority

Check/Voucher Register

## 1501 - Construction Fund 2015 - TexPool Prime

From 5/1/2020 Through 5/31/2020

<u>Check Date</u>	<u>Check Number</u>	<u>Vendor Name</u>	<u>Check Amount</u>
5/15/2020	CD15C05/15/2020	CITY OF HOUSTON	859,908.06
		Total 1501 - Construction Fund 2015 - TexPool Prime	859,908.06



# North Harris County Regional Water Authority

Check/Voucher Register

## 1600 - Construction Fund 2008 - TexPool Prime

From 5/1/2020 Through 5/31/2020

<u>Check Date</u>	<u>Check Number</u>	<u>Vendor Name</u>	<u>Check Amount</u>
5/26/2020	NETL-010-NHCRWA	CITY OF HOUSTON	19,513,273.20
		Total 1600 - Construction Fund 2008 - TexPool Prime	19,513,273.20
Report Total			24,292,688.69