

Annual Comprehensive Financial Report  
for the Fiscal Years Ended August 31, 2021 and 2020

SABINE RIVER AUTHORITY OF TEXAS



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### THIS REPORT PREPARED BY THE AUTHORITY GENERAL OFFICE

*The cover features SRA’s Earl William’s Pump Station.*

*(For more information about the Earl Williams Pump Station, see page 14)*



February 1, 2022

President Carey "Mac" Abney  
and Members of the Board of Directors  
Sabine River Authority of Texas

Board Members:

It is our pleasure to submit the Comprehensive Annual Financial Report of the Sabine River Authority of Texas for the fiscal year ended August 31, 2021. The material aspect of the data is accurate in our opinion and the report discloses results of operations and the financial position of the Authority as recorded by the activity of the nine divisions within the Authority. Necessary information to assist the reader in understanding the financial position of the Authority is included. Narratives applicable to each division, along with financial statements are enclosed to provide complete details concerning the Authority's fiscal year activities and related costs.

Management is responsible for the completeness and reliability of the information contained in this report, based upon a comprehensive framework of internal controls that have been established for this purpose. Because the cost of internal controls should not exceed the anticipated benefit, the objective is to provide reasonable, rather than absolute, assurance that the financial statements are free of any material misstatement.

The Annual Comprehensive Financial Report includes the management's discussion and analysis which can be found in the financial section immediately following the auditors' opinion letter. The management's discussion and analysis provides an overview of the Authority's financial activities and should be read in conjunction with the financial statements. The Statistical Section includes selected financial and demographic information.

The Authority was created in 1949, pursuant to Vernon's Ann. Civ. Stat. Art. 8280-133, as a conservation and reclamation district. The Authority was determined to be necessary in accomplishing the provisions of Article XVI, Section 59, of the Texas Constitution and for the conservation, protection, and development of the waters of the Sabine River. The Authority is governed by a nine-member Board of Directors appointed by the Governor and the Board is vested with the management and control of the Authority. Responsibilities of the Authority include municipal, industrial, mining, and agricultural raw water supply; hydroelectric generation; wastewater treatment and water quality; management of three major reservoirs, a canal system, and recreation facilities; and an initiative to enhance economic growth in the Sabine River Basin.

## **LONG-TERM FINANCIAL PLANNING**

The Authority continues to pursue planning for meeting future water supply needs of the Basin and plays a major part in the State's regional water planning process. The Authority completed the construction of the Earl Williams Gulf Coast Division Pump Station and Pipeline Project in July 2021. The 85 million gallons per day raw water pump station project, funded through the Texas Water Development Board's State Water Implementation Fund for Texas (SWIFT) program, provides a modernized pumping facility located along the main stem of the Sabine River and will ensure a more reliable water supply for the Authority's customers in the lower basin. Additionally, as approved by the Board, the Authority is implementing the Parks and Recreation Master Plan to evaluate and enhance major recreation facilities throughout the Basin. Construction on some of the larger parks began in fiscal year 2020 and continued in fiscal year 2021.



## FINANCIAL INFORMATION

The Authority accounting system consists of two enterprise funds where all financial activities are recorded. Management of the Authority is responsible for establishing and maintaining an internal control structure designed to ensure that the assets of the Authority are protected. Through an ongoing review process the Authority assures that internal controls are adequate.

**Enterprise Operations.** Total revenues for all funds for the fiscal year were \$43,849,848 compared to \$42,237,923 for FY2020.

**Budget Controls.** A budget is prepared annually in accordance with the Water Code Chapter 49, Subchapter G, Sec. 49.199 and, after approval by the Board of Directors, is used in planning and controlling costs. During the year, necessary budget amendments are submitted and approved by the Board prior to implementation.

**Debt Administration.** Outstanding large debt at August 31, 2021 totaled \$71,925,000 which was attributed to Gulf Coast Division Water Supply System Revenue Bonds. The various bond indentures, resolutions and agreements provide for the establishment of separate restricted accounts for debt service.

## OTHER INFORMATION

**Independent Auditor.** V.T.C.A., Water Code Sec. 49.191 requires an annual audit of the Authority's records by the State Auditor or by an independent accountant. The Board of Directors engaged Axley & Rode, LLP to perform this audit. This report will be filed with the Texas Commission on Environmental Quality, the Orange County Clerk and the Pension Review Board.

**Awards.** The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the Sabine River Authority of Texas for its comprehensive annual financial report for the fiscal year ended August 31, 2020. This was the thirteenth consecutive year that the Authority has achieved this prestigious award. The Certificate of Achievement is the highest form of recognition for excellence in state and local government financial reporting. In order to be awarded a Certificate of Achievement, a government must publish an easily readable and efficiently organized annual comprehensive financial report. This report must satisfy both generally accepted accounting principles and applicable legal requirements.

A Certificate of Achievement is valid for a period of one year only. We believe that our current comprehensive annual financial report continues to meet the Certificate of Achievement Program's requirements and we are submitting it to the GFOA to determine its eligibility for another certificate.

On behalf of the Executive Staff, we would like to sincerely thank the Board of Directors, Employees and Consultants for their cooperation and commitment to the projects undertaken by the Authority. The preparation of the Annual Comprehensive Financial Report was achieved through cooperative efforts and dedicated service of the Authority's General Office Staff.

Sincerely yours,

### SABINE RIVER AUTHORITY OF TEXAS

David Montagne  
Executive Vice President  
and General Manager

Holly Smith  
Assistant General Manager/  
Chief Financial Officer

# BOARD OF DIRECTORS - FY-2021



**Cary “Mac” Abney**  
**President**  
*Marshall, Texas*

Mr. Abney is a certified public accountant and president of Abney and Company, PLLC. He is a member of the American Institute of Certified Public Accountants, Texas Society of Certified Public Accountants, Texas Association of Sports Officials, Texas Forestry Association, and a board member of the Marshall Harrison County Joint Airport Zoning Board, the Harrison County Soil and Water Conservation District, USDA, and is in the TSTC Foundation representing East Texas and the Texas Parks and Wildlife Foundation as Chairman of Region III. Mr. Abney is also past president of the Harrison County Housing Finance Corporation and Harrison County Airport Advisory Committee, director and secretary of the Turney Foundation, Slaughter Foundation, Pelz Foundation, and secretary of the Fern Lake Club. He received a bachelor's degree from Southern Methodist University and is a graduate of the College of Financial Planning. Mr. Abney and his wife, Claudia, reside in Marshall, Texas, and have two children and five grandchildren.



**Laurie Woloszyn,**  
*Longview, Texas*  
**Vice President**

Ms. Woloszyn is currently the Gregg County Auditor appointed in 2003. She is the Co-Investment Officer for Gregg County and is a member of the Texas County Auditors Association. Prior to serving as auditor, Ms. Woloszyn served as the elected Gregg County Clerk from 1995-2003. She has worked for Gregg County for over 31 years. Prior to this she worked in both private and public sector positions when the love for public service was first recognized. Ms. Woloszyn graduated from Kilgore College and received a Bachelor of Business Administration from The University of Texas at Tyler in 1982. She has lived in Longview 45 years and has two adult sons. Her hobbies include travel, reading and spending time with her family.



**Thomas “Tom” Beall,**  
*Milam, Texas*  
**Secretary/Treasurer**

Tom Beall is the president of Beall's Furniture Inc., and current owner of Cimarron Equipment. Additionally, he is current owner of Red Hill Ranch Cattle and a former owner and manager of several Ashley Furniture Home Stores. Mr. Beall served on the Hemphill Independent School District Board for 15 years and is a current board member for First State Bank in Hemphill. Mr. Beall received an associate degree in management from Tyler Junior College. He and his wife, Kelly, reside in Milam, Texas.



**Jeffrey D. “Jeff” Jacobs,**  
*Rockwall, Texas*  
**Secretary Pro-Tem**

Jeff Jacobs is the owner and manager of Jacobs Farms. He is a board member on the Texas A&M Agrilife Extension Service Ag Increment Advisory Board and the Rockwall County Farm Bureau Board of Directors. Mr. Jacobs attended Eastfield College in Mesquite where he studied drafting. He and his wife, Vera, reside in Rockwall, Texas.



**Joshua A. "Josh" McAdams,**  
*Center, Texas*

Joshua McAdams is owner of Midstream Transportation and vice president of McAdams Propane Company. He is president of Texas Propane Gas Association and a member of National Propane Gas Association. In addition, he is a board member of Shelby County Children's Advocacy Center and a member of Shelby County Cookers and the Houston Livestock Show and Rodeo's Area Go Texan Committee. Mr. McAdams received a Bachelor of Business Administration in Management from Texas A&M University. He and his wife, Sharisse, reside in Center, Texas.



**Cliff Todd,**  
*Long Branch, Texas*

Cliff Todd of Long Branch manages the assets of his farm and ranch operations in Panola County and is the Executive Vice President for Topcat Waste Companies of Longview. He is a member of the Society of Petroleum Engineers and a board member at the Carthage UT Health East Texas Hospital. He serves as a commissioner with Emergency Services District for Panola County and president of the Panola County Airport Advisory Board. He is a past member of the Austin and Carthage Rotary Clubs. Additionally, he is a member and deacon of Central Baptist Church of Carthage, and longtime adult Sunday school teacher. Mr. Todd received a Bachelor of Science in Agriculture from Stephen F. Austin State University. He and his wife, Denise, reside in Long Branch, Texas.



**Jeanette Sterner,**  
*Holly Lake Ranch, Texas*

Col. Jeanette Sterner was honorably discharged from the United States Army and Texas Army National Guard after 30 years of service. While serving in the Texas Army National Guard, she worked for the Veterans Administration Medical Center in Dallas as a vocational rehabilitation counselor and clinical coordinator for the Veterans Homeless Program. She is an active member of the Military Officers Association of America, VFW Mineola, and the Women's Service Guild Holly Lake Ranch. She is former president of Greater Hawkins Veterans Memorial Association, Holly Lake Ranch Veterans Association, and the Women's Auxiliary to Greater Hawkins Memorial Association. Civilian awards include Who's Who in America, Who's Who in the South and Southwest, and Biography of the Directory of Distinguished Americans. Col. Sterner received a Bachelor of Arts from Oklahoma City University, Master of Science from Trinity University and a master's degree in Strategic Planning for Global Situations from the Army War College. She and her husband, Sven, reside in Holly Lake Ranch.



**Janie Walenta,**  
*Quitman, Texas*

Janie Walenta grew up in Dallas and moved to Quitman in 2006. A Telecom Manager by profession, she retired in 2008 after a 32-year career in telecommunications. In 2010 she was appointed to the One-Call Board of Texas, was reappointed in 2015 and served on the Board until 2019. Ms. Walenta received a BBA in business management from UT Austin and an MBA from the University of Dallas Graduate School of Management. She is active in Bay View Century Club and local politics. She and husband Ron enjoy East Texas day trips and reading.



**Kevin Williams,**  
*Orange, Texas*

Kevin Williams of Orange is owner of Cypress Bayou Industrial, C&S Trailers of Fort Worth and Rose City, American Industrial Minerals of Deweyville, Texas, and a partner in Zoetic Global. He serves on the board of First Financial Bank, and as a member of Rotary District and ABC Associated Builders & Contractors. In addition, he is a member of Faith United Methodist Church and Krewe De Bon Amis. Mr. Williams received a Bachelor of Science degree in Economics from Texas A&M University. He and his wife, Angela, reside in Orange, Texas.



# BOARD OFFICERS - 2021



*President*  
**Cary “Mac” Abney**  
*(seated right)*

*Vice President*  
**Laurie Woloszyn**  
*(seated left)*

*Secretary/Treasurer*  
**Thomas “Tom” Beall**  
*(standing left)*

*Secretary Pro-Tem*  
**Jeffrey D. “Jeff” Jacobs**  
*(standing right)*



## **Board of Directors 2021**

*Standing from left:*  
Cliff Todd, Josh McAdams,  
Jeff Jacobs, Janie Walenta,  
and Tom Beall

*Seated from left:*  
Kevin Williams, Jeanette Sterner,  
Laurie Woloszyn, and Mac Abney

**The Sabine River Authority of Texas** is governed by a nine-member Board of Directors. Each board member serves a six-year term. The Governor of Texas appoints three board members every two years. Directors are required to reside within a county situated wholly or partially within the watershed of the Sabine River. The members of the Board of Directors are leaders in their communities. They are dedicated citizens who are active participants in the water issues being addressed by the Sabine River Authority of Texas.

# BOARD HIGHLIGHTS



*Kevin Williams presents a Hurricane Laura Disaster Relief grant to Orange County.*



*Jeanette Sterner, Janie Walenta, Laurie Woloszyn, and Mac Abney present a Community Assistant grant to Cypress Springs SUD.*



*Jeff Jacobs, Janie Walenta, and Mac Abney present a Community Assistance grant to the City of Lone Oak.*



*Mac Abney, Laurie Woloszyn, and Cliff Todd present a Community Assistance grant to Minden-Brachfield WSC.*



*Janie Walenta, Jeff Jacobs, and Mac Abney present a Community Assistance grant to Upper Sabine Soil & Water Cons. District.*



*Cliff Todd, Mac Abney, and Tom Beall present a Community Assistance grant to Panola County.*



*Janie Walenta, Jeff Jacobs, Mac Abney, and Jeanette Sterner present a Community Assistance grant to Hopkins County.*



*Jeanette Sterner and Jeff Jacobs present a Community Assistance grant to the City of Como.*



# EXECUTIVE STAFF



**Don Iles, CPM**  
Middle Basin  
Regional Manager

**David Montagne**  
Executive Vice President  
and General Manager

**Mark Mann, P. E.**  
Director of  
Engineering Services

**Troy Henry**  
Upper Basin  
Regional Manager

**Debra Stagner**  
Chief Administrative  
Officer/Treasurer

**Travis Williams, P. E.**  
Assistant General Manager,  
Operations

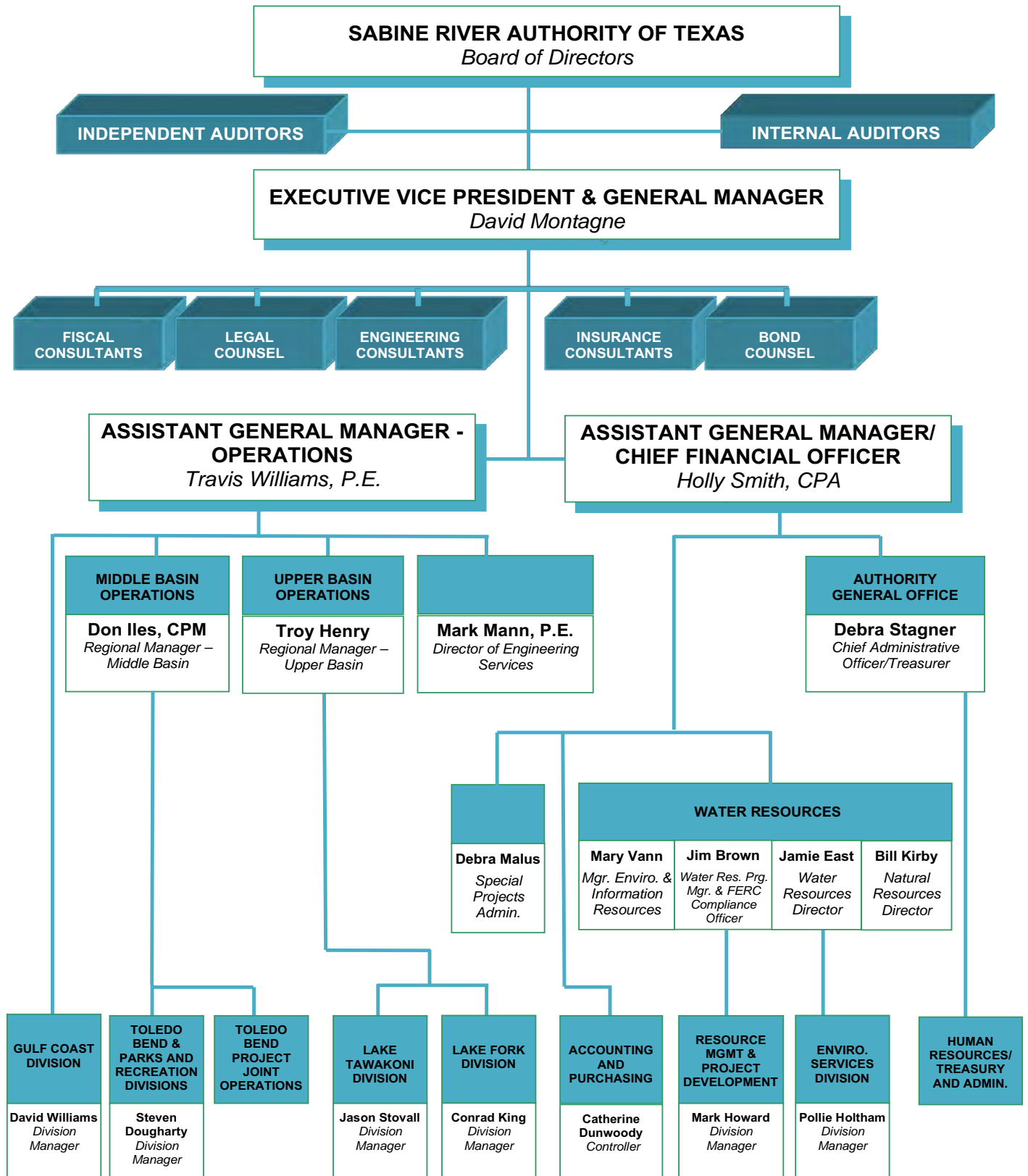
**Holly Smith, CPA**  
Assistant General Manager/  
Chief Financial Officer



*For over 70 years, the Board of Directors and staff of the Sabine River Authority have taken the lead in managing the resources of the Sabine River Basin to meet the long-term water supply needs of the Basin and protect the value of the resources. As the demand for water grows due to increasing population in the State of Texas, SRA will continue to balance and prioritize the use of the water resources in accordance with state laws.*

# MANAGEMENT STAFF

As of August 31, 2021





Government Finance Officers Association

Certificate of  
Achievement  
for Excellence  
in Financial  
Reporting

Presented to

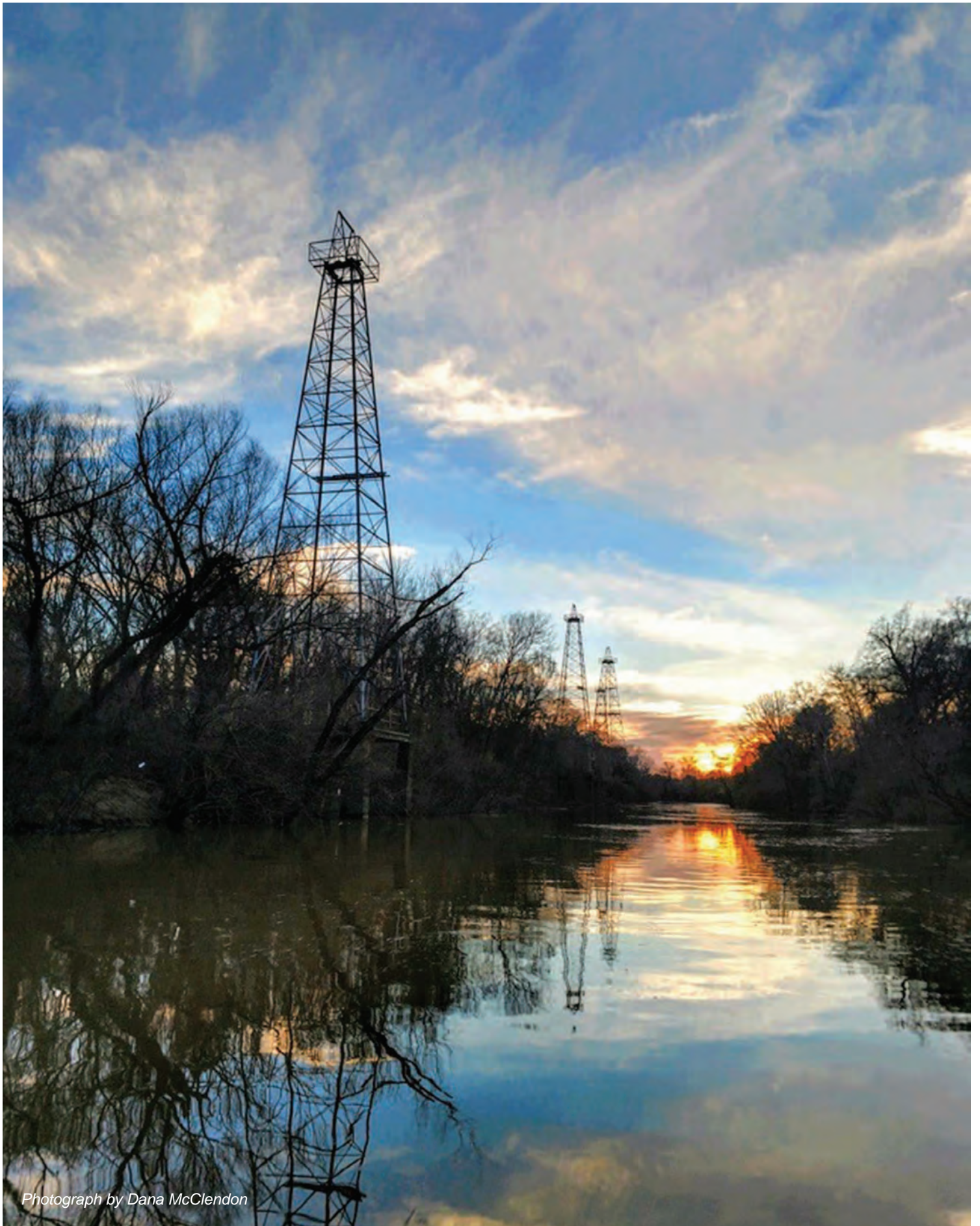
**Sabine River Authority of Texas**

For its Annual Comprehensive  
Financial Report  
For the Fiscal Year Ended

August 31, 2020

*Christopher P. Morill*

Executive Director/CEO



*Photograph by Dana McClendon*

# MANAGING EAST TEXAS WATER

**THE SABINE RIVER AUTHORITY OF TEXAS (SRA)** is a political subdivision created by the State Legislature. The mission of the SRA is to lead in managing the resources of the Sabine River Basin to meet the long-term water supply needs of the basin, protect the value of the resources, and provide services and economic development through balancing and prioritizing the use of water resources in accordance with state laws.

David Montagne became Executive Vice President and General Manager of SRA in September 2014. Mr. Montagne is responsible for the overall operations of the Authority. He executes the policy and program directives of the Board of Directors, oversees the budget, and serves as the liaison between the agency, the Legislature, and other governmental agencies. He represents the interests of Texas as Project Supervisor for Toledo Bend Project Joint Operation, serving as a member of the Technical Board and is an ex-officio member of the Operating Board. Mr. Montagne has been with the Authority for over 30 years, previously holding the positions of Assistant General Manager and Controller. From 2004 until 2009, Mr. Montagne served as a Texas Ethics Commissioner. In 2009, he was appointed to the Texas State University System Board of Regents by Governor Rick Perry and was reappointed to serve by Governor Greg Abbott from 2015 to 2021.

Active in water resource planning efforts, David Montagne is a member of the Texas Water Conservation Association (TWCA), a statewide organization of water, wastewater and related entities. He has held several leadership roles with TWCA, including serving as president in 2019. TWCA works to educate and inform members, the public, and governmental agencies and leaders at all levels regarding water industry issues. Mr. Montagne is also a member of the National Water Resources Association (NWRA), a federation of state organizations working to balance the needs of people and the environment.



David Montagne, Executive Vice President and General Manager

Mr. Montagne was elected as a board member of the TWCA Risk Management Fund Board of Trustees and is a board member for Region I, one of the Regional Water Planning Groups (RWPG) developed from Texas Senate Bill 1 as a "bottom up" water planning process designed to ensure that the water needs of all Texans are met as Texas enters the 21st century.

Each RWPG prepares regional water plans for their respective areas. These plans will map out how to conserve water supplies, meet future water supply needs, and respond to future droughts in the planning areas. Travis Williams, Assistant General Manager, Operations, and Holly Smith, Assistant General Manager/Chief Financial Officer, assist Mr. Montagne in executing the policy and program directives of the Board of Directors.

Travis Williams, P.E., has been with the SRA since 2010, serving as Engineer and as manager of the Water Resources Branch. Mr. Williams is a licensed professional engineer and has extensive experience in civil design, water treatment facilities, wastewater treatment facilities, project management, and construction methods. He is an active member of the Texas Society of Professional Engineers (TSPE). As Assistant General Manager, Operations, Mr. Williams is responsible for the operation,

maintenance, and safety of all operational facilities.

Holly Smith, CPA, joined the SRA staff in September 2017. Ms. Smith graduated Lamar University in 2001 with a BBA in Accounting and in Finance. Ms. Smith is a CPA, licensed in the State of Texas, member of the Texas Society of Certified Public Accountants, and member of the GFOA. She has 16 years prior experience as Controller and financial analyst in large manufacturing companies. As Assistant General Manager, she oversees financial and human resources, water resource planning and water quality, economic development, and governmental relations. As Chief Financial Officer for SRA, Ms. Smith is responsible for the accounting records, financial reporting, and overall fiscal responsibility of SRA, and is one of SRA's Investment Officers. 🇺🇸

# SABINE RIVER BASIN PLANNING



## SPECIAL CONSULTANTS

The following are retained by the Authority to assist in their respective capacities:

### ATTORNEYS

Charlie Goehring (Germer, PLLC)  
Mike Booth (Booth & Associates, PC)  
Charles Sensiba (Troutman Pepper  
Hamilton Sanders, LLP)

### INDEPENDENT AUDITORS

Axley & Rode, LLP

### INTERNAL AUDITOR

James P. Jansen (Jansen & Gregorczyk)

### INSURANCE CONSULTANTS

TWCA Risk Management Fund  
Arthur J. Gallagher & Co.

### BOND CONSULTANTS

Financial Advisor – Hilltop Securities, Inc.  
Bond Counsel - McCall, Parkhurst & Horton

### ENGINEERING

Freese & Nichols, Inc.  
LJA Engineering, Inc.  
HDR  
Schaumburg & Polk, Inc.  
Kimley-Horn and Associates, Inc.  
Jones & Carter, Inc.  
MHS Planning & Design

# EARL WILLIAMS PUMP STATION DEDICATION

**THE SABINE RIVER AUTHORITY (SRA)** completed the construction of a new modern pumping facility in Southeast Texas to ensure a reliable raw water supply for current and future customers in Orange and Newton Counties. The 85 million gallons per day (MGD) raw water pump station was built in Newton County along the main stem of the Sabine River immediately downstream of Highway 12 near Deweyville. In addition to the pump station a new 7-mile, 66-inch diameter pipeline was constructed to convey the raw water from the new pump station to SRA's existing John W. Simmons Gulf Coast Canal System in Orange County.

The new Earl Williams Pump Station currently houses three, 750-horsepower, 42-inch diameter vertical turbine pumps and has space for five additional pumps to meet future development demands. The facility was funded by a \$75 million loan through the State Water Implementation Fund for Texas (SWIFT) as administered by the Texas Water Development Board and will be repaid from SRA's raw water industrial customers located in Orange and

Newton Counties. The new pump station and conveyance system is available to provide raw water supplies for existing customers as well as support new customers for the future development of Orange and Newton Counties.

In March 2021, the current SRA Board of Directors chose to name the newly constructed Gulf Coast Pump Station, the Earl Williams Pump Station in honor and dedication of the service of Mr. Earl Williams.

On July 7, 2021, the Sabine River Authority of Texas hosted special dignitaries, customers, and board members at a dedication ceremony for the naming of the new facility as the Earl Williams Pump Station. Mr. Earl Williams, a longtime resident of Orange, was originally appointed to the Board of Directors of the Sabine River Authority of Texas on May 2, 1994, by Governor Ann Richards, serving a 5-year term. Mr. Williams was reappointed by Governor Rick Perry and again by Governor Greg Abbott, serving a total of over 23 years as a Board Member. Mr. Williams has served on the Executive Committee a total of 13 years, including four terms as Board President. 🇺🇸



*Dedication Ribbon Cutting July 7, 2021*



*Don Iles, Ryan Hall-TPWD, Mac Abney, and Josh McAdams*



*David Montagne with Earl and Suzanne Williams*



*Jeanette Sterner, Cliff Todd, and Janie Walenta*



*David Montagne, Mac Abney, and Earl Williams*



*Troy Henry and Jeff Jacobs*



*Kevin, Kayne, and Earl Williams*



# ADMINISTRATIVE OFFICE AND ACCOUNTING



*Sabine River Authority General Office*

**THE AUTHORITY GENERAL OFFICE** (AGO) is located in the southeast corner of the state in Orange County near the city of Orange, Texas, approximately eight miles north of Interstate 10 on State Highway 87. All official activities of the SRA are arranged and coordinated through this office by the General Manager and his Executive Staff. Scheduling of meetings for the Board of Directors and management, as well as posting public notices and agendas, disseminating public information and preparation of press releases are handled through the AGO. The General Manager and Executive Staff also consult with attorneys representing SRA concerning contracts and other

legal issues and work with the financial advisors and bond counsel concerning bond issues. SRA's strategic planning process is coordinated and communicated to the organization through the AGO.

Debra Stagner, Chief Administrative Officer/Treasurer, has a BBA in Accounting from Lamar University and has been with SRA since February 2000. She serves on the SRA Executive Staff and has the overall responsibility for management and oversight of all SRA investments, human resources, and risk management. Ms. Stagner is one of SRA's Investment Officers and is the Records Management Officer for SRA. She is a member of the national and state Government Finance Officers Association (GFOA), the Southeast Texas Human Resources Association, the Government Treasurers' Organization of Texas (GTOT) as well as Texas Water Conservation Association (TWCA) and National Water Resources Association (NWRA), and serves on the Board of Directors of Deep East Texas Self Insurance Fund. In February 2020, Ms. Stagner successfully completed the Certified Public Funds Investment Manager (CPFIM) certification program which is a nationally recognized program to provide confidence and knowledge to improve the management of investments.

Investment of SRA's funds is a very important function to ensure that all investments are made in accordance with the Public Funds Investments Act, Chapter 2256 of the Government Code, and the Board-adopted Flow of Funds Resolution and Investment Policy. Investment reports detailing the investment transactions are prepared quarterly and submitted to the Board of Directors as required in the Public Funds Investment Act. In addition, accounts are monitored daily to ensure all funds are properly collateralized by the financial institutions.



*Holly Smith, Assistant General Manager/Chief Financial Officer, receives the GFOA Award of Financial Reporting Achievement from Mac Abney, SRA Board President.*

The Human Resources Department maintains personnel files for all employees and provides assistance for healthcare benefit issues. Procurement of health, life, property, and liability insurance coverage for SRA is managed through the AGO. SRA has a partially self-insured medical plan. The purpose of this plan is to pay the medical expenses of SRA's employees and their covered dependents, and to minimize the total cost of the medical insurance. SRA obtains property and liability insurance coverage from the TWCA Risk Management Fund and other carriers.

The Accounting Department staff processes accounts receivable, accounts payable, and generates financial statements on a monthly basis. Working closely with the Division Managers, a budget of revenues and expenses is prepared for each fiscal year and is presented to the Board of Directors for approval. Revenues and expenses are then monitored on a monthly basis to ensure SRA is operating within the budget and to ensure that approvals for budget amendments are obtained from the Board as needed.

In accordance with Texas Commission on Environmental Quality (TCEQ) rules, SRA contracts with a certified public accounting firm to employ an internal auditor who reports directly to the Board of Directors. The role of the internal auditor is to verify that internal controls are more than adequate to protect the assets of SRA. Additionally, SRA contracts with a separate certified public accounting firm as an independent auditor for the purpose of forming an opinion on whether the financial statements present fairly the results of the operations of SRA. The Accounting Department staff are instrumental in working with the internal and independent auditors to assist in their objectives.



**Catherine Dunwoody**  
*Controller*



**Debra Malus**  
*Special Projects Administrator*

The Asset Management Plan (AMP) for SRA is administered through the Accounting Department. The goal of SRA is to ensure that all assets are accounted for, maintained, and strategically managed to meet the needs of SRA's customers and of the Sabine River Basin, both now and in the future. The AMP is a guideline for identifying, inspecting, maintaining, and repairing these assets in order to achieve this goal. All purchases of vehicles and heavy equipment are coordinated through the AGO. Texas procurement laws are followed for major purchases to ensure SRA is receiving the most competitive price on these acquisitions.

Authority-wide special projects are also administered through AGO. This includes official SRA publications such as brochures, calendars, and the consolidated annual financial report. 🇹🇽



*July 2021 Board of Directors Meeting, Orange, Texas*

# WATER RESOURCES BRANCH



**Mary Vann**

*Manager, Environmental and Information Resources*



**Jim Brown**

*WRB Program Manager and FERC Compliance Officer*

**THE WATER RESOURCES BRANCH** (WRB) of the Sabine River Authority directs water resource planning and development, protection, environmental service support, and information resources management projects that enable SRA to fulfill its mission to control, store, preserve, and distribute the waters of the Sabine River and its tributary system for useful purposes.

During FY-21, SRA provided Community Assistance Program (CAP) grants to 22 Sabine Basin applicants for repairs and improvements in wastewater management, water supply, water quality, water conservation, and other projects. Grant recipients included six water supply corporations, five water districts, six municipalities, three counties, Orange County Economic Development Corporation, and Texas Parks and Wildlife Foundation. An additional 31 grants were provided to assist qualified recipients with emergency repairs, Hurricane Laura, Hurricane Delta, Winter storm, and tornado damage. SRA's CAP, part of an Economic Development Initiative launched in 2002, provides competitive grants intended to complement or leverage project funds for entities within the Sabine Basin.

In FY-21, the WRB continued compliance activities associated with the Toledo Bend Project Joint Operation Federal Energy Regulatory Commission (FERC) License issued in August 2014 (FERC No. 2305). The FERC Compliance Team, comprised of personnel from SRA-Texas and Sabine River Authority, State of Louisiana (collectively "the Authorities"), consulted with federal and state resource agencies on implementation of several FERC License articles. The agencies include U.S. Fish and Wildlife Service, National Marine Fisheries Service, Texas Commission on Environmental Quality, Texas Parks and Wildlife Department, Texas Water Development Board, Texas Historical Commission, Louisiana Department of Environmental Quality, Louisiana Department of Wildlife



*CAP Grant Awarded to Texas Parks and Wildlife Foundation*



*Disaster Recovery Assistance Grant in the Aftermath of Hurricane Laura Awarded to Jasper County*



*Disaster Recovery Assistance Grant in the Aftermath of Hurricane Laura Awarded to Newton County*



*FERC Compliance Monitoring of American Eels*

and Fisheries, and Louisiana Office of Cultural Development, Division of Archaeology. The FERC Compliance Team consulted with the resource agencies on Water Quality and Cofferdam Effectiveness Monitoring (Article 404), Seasonal Powerhouse Operations (Article 405), Shoreline Management Plan (Article 411), Programmatic Agreement and Historical Properties Management Plan (Article 412), and Upstream Passage Plan for Passage of Juvenile American Eels (Section 18 Prescription for Fishways). Pursuant to the Recreation Management Plan (Article 410), the FERC Compliance Team filed a 2020 Recreation Use and Conditions Survey Report which is required to be submitted to FERC every six years beginning April 1, 2021. The Report summarizes annual recreation data, notable trends, and proposed changes to Toledo Bend Recreation Facilities, if any.



*Emergency Assistance Grant Awarded to Clayton WSC*



*Disaster Recovery Assistance Grant in the Aftermath of Hurricane Laura Awarded to the City of Orange*



*CAP Grant Awarded to WCID#2*



*CAP Grant Awarded to Talley WSC*



**Bill Kirby**  
*Natural Resources Director*

The Natural Resources program was developed to strengthen efforts and to further the Sabine River Authority's mission to conserve and protect the natural resources of the Sabine River Basin. The Authority has a long history of conducting biological surveys, collecting and evaluating water quality data, cooperating with state and federal agencies, supporting academic studies, and helping to educate and inform the public. This program is intended to direct conservation efforts and studies, to involve

and educate the public on conservation issues, and to interact with other river authorities, local, state, and federal regulatory agencies. Through this program, SRA asserts its role as a force for conservation in the Sabine Basin. It is important that state and federal regulators, as well as East Texans, grasp the Authority's role in working with multiple stakeholders to find solutions and to improve understanding of issues affecting wildlife.

Natural Resources staff continued to raise public awareness and support conservation efforts for alligator snapping turtles (ASTs) this year. The boat ramp sign campaign continued to inform the public of ASTs' protected status in Texas while also gathering sighting data for researchers and regulators. The Authority also took part in re-patriating approximately 30 ASTs back to East Texas in June of 2021. These turtles were confiscated by federal game wardens over two years ago in a turtle poaching sting operation. The re-patriation was a resounding success that has furthered partnerships with state and federal resource agencies while also paving the way for continued research using radio telemetry to document AST movements and habitat use in the Sabine, Neches, and Big Cypress Basins in Texas.

The Sabine River Basin Native Mussel Survey field work was completed in August of 2021. This survey will

be used to inform USFWS understanding of mussel populations and distributions in the Sabine River and its tributaries. Mussel genetics were evaluated in conjunction with Texas Comptroller funded research to address questions posed by USFWS in the East Texas Mussel Species Status Assessment. Basin wide turtle surveys were also conducted in FY-21 using Environmental-DNA (E-DNA, DNA that can be found in the environment originating from cellular material shed by organisms), drone, and visual techniques in coordination with Texas Comptroller funded studies to address data gaps in another candidate species, the western chicken turtle. These surveys have established the Authority as a leader in conservation and research in the Sabine Basin.

Staff continued their support and coordination with the Texas Parks and Wildlife Department (TPWD) Aquatic Habitat Enhancement Team in support of nuisance aquatic plant control for giant salvinia on Toledo Bend Reservoir and water hyacinth on Lake Fork Reservoir. The Authority also continued funding for TPWD's zebra mussel and giant salvinia "Protect the Lakes You Love" Public Awareness Campaign, which informs boaters and anglers about what they can do to help stop the spread of invasive species in Texas lakes. 🇺🇸



*Alligator Snapping Turtle Re-patriation Project*

Please visit

**[tpwd.texas.gov/regulations/outdoor-annual/boating/clean-drain-dry-your-boat](https://tpwd.texas.gov/regulations/outdoor-annual/boating/clean-drain-dry-your-boat)**  
for more information.



*Mussel Monitoring on the Sabine River near Gladewater*



*Alligator Snapping Turtle Pre-release Survey*

# RESOURCE MANAGEMENT AND PROJECT DEVELOPMENT DIVISION



**Mark Howard**

*RMPD  
Division  
Manager*

**THE RESOURCE MANAGEMENT AND PROJECT DEVELOPMENT DIVISION** (RMPD) assists other SRA divisions with technical services including data analysis and reporting, biological expertise, geographical information system (GIS) locational data and mapping, graphic arts, aerial imaging, information technology support, and content maintenance of the SRA website ([www.sratx.org](http://www.sratx.org)).

In 2019 the Texas Legislature and Governor Abbot greatly expanded the Texas Water Development Board (TWDB)'s role in flood planning. The TWDB is administering a new state and regional flood planning process with flood planning regions based on river basins. SRA is a member of Region 4 Sabine Regional Flood Planning Group (RFPG). Also, SRA is the political subdivision designated by the Sabine RFPG as its Sponsor to apply for and receive financial assistance from TWDB to develop a regional flood plan. In FY-21 the RMPD administered the Sponsor responsibilities for the Sabine RFPG. RMPD also represents SRA on the Southeast Texas Flood Coordination Study (SETxFCFS; [www.setxfloodcoordstudy.org/](http://www.setxfloodcoordstudy.org/)), working with Lamar University, the University of Texas, and other Southeast Texas entities to help the flood-prone region improve its resiliency during large-scale flooding events. The SETxFCFS received a grant from the Department of Homeland Security through Texas Department of

Emergency Management for over 100 low-cost water level gages that are being placed throughout southeast Texas. As these gages are deployed, RMPD staff adds them to the Southeast Texas Regional Alerting and Information Network (SE TEXAS R.A.I.N.) website [www.setexasrain.org](http://www.setexasrain.org)), which provides rainfall, streamflow, and reservoir level data from various sources to the public, emergency managers, and governmental entities.

In FY-21, RMPD staff collected aerial imagery to assist with construction of the new Gulf Coast Division (GCD) pump

station and pipeline, the new Environmental Services Division (ESD) laboratory, recreation project planning, and mussel surveys. RMPD staff assisted with biological surveys on species up for listing by the USFWS, including freshwater mussels, the alligator snapping turtle, and the chicken turtle.

RMPD staff maintains the SRA GIS, which links to an online mapping system that allows Operations divisions to use and edit maps on mobile devices in the field and computers in the office. These maps are used for management of SRA's Private Limited Use Permit program, GCD canal management, boat lane clearing operations, and tracking the sampling of species of concern by SRA and partner agencies.

As a part of the FERC Compliance Team, RMPD provides staff to support FERC compliance activities associated with the Toledo Bend Project Joint Operation. Compliance support during FY-21 included Section 18 upstream passage of American eel, Shoreline Management, Seasonal Powerhouse Operations, and Water Quality and Effectiveness Monitoring. 🇺🇸



*Aerial Imaging with Drone*



*USGS Gage on Palo Gaucho at FM 2784*

# ENVIRONMENTAL SERVICES DIVISION



**James East**  
Water Resources  
Director



**Pollie Holtham**  
Environmental Services  
Division Manager

**THE ENVIRONMENTAL SERVICES DIVISION (ESD)** includes a Water Quality Laboratory and Lower Basin Field Office in Orange, and an Upper Basin Field Office at Lake Fork Reservoir. The ESD provides technical service support to the SRA, including water quality monitoring and testing, and offers analytical services to governmental entities, industries, municipalities, and the public.

The ESD Water Quality Laboratory is NELAP (National Environmental Laboratory Accreditation Program) accredited and is a Texas Commission on Environmental Quality (TCEQ) approved Public Drinking Water Laboratory. The laboratory provides analyses for metals, inorganic, and bacteriological parameters of potable and non-potable water. In FY-21, the ESD performed a total of 81,761 water quality tests consisting of the following: 40,941 tests for the Sabine Basin water quality monitoring programs, 7,148 tests for 27 industrial customers and 10,831 tests for 57 municipal customers which included 586 tests for 198 private individuals. A total of 22,841 tests were performed for quality assurance/quality control purposes to support the data generated by the laboratory and field offices.

To supplement and upgrade laboratory instrumentation and equipment, ESD purchased a SEAL AQ400 discrete analyzer with a BD50 block digester for analysis of ammonia/total kjeldahl nitrogen/total phosphorus, a refrigerated composite sampler, new network servers, an analytical balance, and a laboratory grade freezer.

Upper and Lower Basin Field Office staff conducted monthly water quality monitoring at 37 fixed stations within the Sabine Basin for the Texas Clean Rivers Program (TCRP). These stations have been monitored for many years and represent water bodies utilized for drinking or process water supply sources, recreation areas, and areas that receive treated wastewater. All results are submitted to the TCEQ Surface Water Quality Monitoring Information System database and monthly water quality reports are generated by ESD and posted on the SRA's website. The annual TCRP Stakeholder Meeting and Coordinated Monitoring Meeting were held via teleconference in April 2021 due to the ongoing COVID-19 pandemic. The Big Cow Creek Watershed Characterization Report 2020, an update on the major activities and water quality in the Big Cow Creek watershed, was submitted to the TCEQ in May 2021.

ESD personnel interact with local, municipal, state, and federal agencies to investigate incidents that may threaten watersheds within the Sabine Basin. From September 1, 2020, through August 31, 2021, staff investigated four spills and miscellaneous environmental reports. Other ESD responsibilities include reviewing notices of new or renewed TCEQ permits within the Sabine Basin, collecting and analyzing samples at selected sites on the SRA Gulf Coast Division canal system in support of water supply contracts, and monitoring the flow of the Sabine River main channel split at Cut-off Bayou.



*SEAL Analyzer Training*



*New Analytical Balance*

In FY-21, ESD personnel participated in other events including assisting with eel sampling below the Toledo Bend spillway, mussel surveys, alligator snapping turtle repatriation, operate a SRA information booth at the Longview Boat Show, the Texas BASS Masters fishing tournament, and water quality presentations at local schools.

Stakeholders continue to report progress of the management measures included in the Orange County TMDL Implementation Plan, a plan that is intended to guide efforts to improve water quality in Adams and Cow Bayous to meet Texas Surface Water Quality Stream Standards. Updates from stakeholders on their organization's activities and progress on each management measure were collected and submitted to TCEQ in June 2021. More information can be found at [www.sratx.org/srwmp/octmdl/](http://www.sratx.org/srwmp/octmdl/). In FY-21, the Lower Basin Field Office staff began water quality monitoring in Adams and Cow Bayous and their tributaries associated with the Orange County Total Maximum Daily Load (TMDL) Project. This monitoring will revisit sites that have not been sampled since the early stages of the project. The Upper Basin Field Office staff continued to conduct supplemental monitoring near municipal water intakes at six sites on Lake Fork, six sites on Lake Tawakoni, and one site on the Sabine River. This program provides additional data to characterize water quality trends in the Upper Sabine Basin.

As part of the FY-20 budget, the SRA Board of Directors approved the construction of a new ESD Laboratory. Construction of the new building, located on the AGO site, began in FY-21 with scheduled completion in FY-22. 🇹🇽



*Refrigerated Composite Sampler*



*Obtaining Water Quality Measurements*



*Initial Site Preparation for the New ESD Building*



# OPERATIONS BRANCH



*Iron Bridge Dam and Lake Tawakoni Reservoir*



*Toledo Bend Dam and Reservoir*



*Lake Fork Dam and Reservoir*

## OPERATIONS OF THE SABINE RIVER AUTHORITY

began in the lower Sabine River Basin in 1954 with the purchase of the pump station and canal system owned by the Orange County Water Company. SRA's canal system, operating first as the Orange County Canal Division and later as the Gulf Coast Division, consisted of a pumping plant on the lower Sabine River and approximately 75 miles of gravity-flow canals throughout Orange County. The John W. Simmons Gulf Coast Canal System originally provided raw water to industries, a municipality, rice farmers and crawfish producers in Orange County. Although water use for rice farming and crawfish producers has greatly been reduced, the canal system continues to provide a reliable and economical source of water to its industrial, municipal, and agricultural customers.

The second SRA operation facility was a water supply reservoir in the upper Sabine River Basin. Construction of the Iron Bridge Dam and Lake Tawakoni Reservoir, which lies partially in Hunt, Van Zandt, and Rains Counties, began in 1958 and was completed in 1960. Construction of Lake Tawakoni was funded through a water supply agreement with the City of Dallas to provide water for municipal and industrial purposes.

Toledo Bend Reservoir was the third major project undertaken by SRA. Plans to build Toledo Bend Dam and Reservoir proved feasible with an engineering study completed in 1958. The Toledo Bend Project was built for the primary purposes of water supply and hydroelectric power generation, with a secondary benefit of providing opportunities for recreational activities. The Toledo Bend Project is located in Texas and Louisiana along the Sabine River, which forms a portion of the boundary between the two states. Partnering with the Sabine River Authority, State of Louisiana, SRA began construction of the dam, spillway, and power plant in April of 1964. Construction was completed in 1968.

The fourth operation facility and third water supply reservoir built by SRA was the Lake Fork Dam and Reservoir located in the upper Sabine River Basin in Wood, Rains, and Hopkins Counties. Construction of the dam and reservoir began in 1975 and was completed in 1980. Although the reservoir was initially built to provide water for an electric generating facility, it also provided water for many communities in the Basin. In 1981, it became a water supply source for the City of Dallas when they assumed the electric companies' contractual right to use Lake Fork water. Over the years, Lake Fork Reservoir has also become a premier largemouth bass fishery and a popular recreation site.

The latest addition to the Operations facilities is the new Earl Williams Pump Station in Deweyville, Texas. Construction of the new pump station and pipeline was completed in FY-21. (See pages 14, 15, 26, and 27 for more information.)

Management of the five operational facilities is headed by Travis Williams, P.E., Assistant General Manager, Operations. To assist in Operations, Troy Henry serves as the Upper Sabine Basin Regional Manager, and Don Iles serves as the Middle Sabine Basin Regional Manager. In support of operations, Mark Mann, P.E., serves as the Director of Engineering Services.

Troy Henry is responsible for the operation, maintenance and safety of the facilities at the Lake Tawakoni and Lake Fork Divisions. Mr. Henry, a Registered Professional Sanitarian, has been with the Authority since 1991 and has worked in Environmental Services and Operations. In July 2018, the Texas Parks and Wildlife Department appointed Mr. Henry to serve a four-year term on the Texas Freshwater Fisheries Advisory Council.

Don Iles, CPM, is responsible for the operation, maintenance and safety of the facilities at the Toledo Bend Division and Parks and Recreation Division. He works closely with the Sabine River Authority, State of Louisiana to manage the Toledo Bend Project Joint Operation, which oversees the operation of Toledo Bend reservoir. Prior to coming to work for the Authority in August 2018, Mr. Iles served as City Manager for the City of Hemphill for nearly two decades. He is the immediate past Chairman of the Board of Texas Forest Country Partnership, serves on the Pineywoods Resource, Conservation and Development (RC&D) Board and is the State Treasurer for the Texas Association of RC&D's. Mr. Iles also serves on the Sabine County Economic Development Advisory Committee, the Sabine County Tourism Board, and is a board member for Deep East Texas Council of Governments (DETCOG). He is a graduate of Stephen F. Austin State University and earned his Certified Public Manager designation from Texas State University in San Marcos.

Mark Mann, P.E., joined the SRA staff in July 2020 to provide in-house engineering technical support for all SRA divisions. Mr. Mann has over 20 years of experience in water and wastewater treatment facilities, pump station facilities, water and sanitary sewer utilities, roadway design, drainage, and bridge inspection. He has experience in the conceptual and preliminary engineering phases, selection of treatment equipment, design of treatment structures, and construction administration of projects. He is a member of the Texas Society of Professional Engineers and the ASCE.

In FY-21, operations of facilities were affected by several weather events. An unprecedented and historical eight-day period of winter weather occurred between February 10-18, 2021. It brought frigid temperatures, snow, and ice across the central and southern U.S. The event had catastrophic impacts to the entire state of Texas with failed power grids, burst water pipes, and limited road and air travel. 🇺🇸



*John W. Simmons Gulf Coast Canal Pump Station*



*Earl Williams Pump Station*



*Canal Connection Slide Gates*

# GULF COAST DIVISION

**THE SABINE RIVER AUTHORITY'S GULF COAST DIVISION** (GCD), began with the purchase of the Orange County Water Company in 1954 and is now responsible for the SRA water supply and related operations in the Orange County area. The division office building, John W. Simmons Pump Station, shop, and maintenance facilities are located at 1922 I-P Way, Orange, Texas, approximately eight miles north of Orange. The new Earl Williams Pump Station is located at 125 County Road 4139, Deweyville, Texas, at the intersection of State Highway 12 and the Sabine River. Both pump stations and canal system are operated and maintained by the GCD personnel on a twenty-four hour per day basis to assure a dependable supply of fresh water to its customers.

The John W. Simmons Pump Station has a capacity of more than 180 million gallons per day (MGD) and is located on an intake canal off the Sabine River. The station consists of a steel structure on a concrete foundation with two 62,500 gallons per minute centrifugal pumps driven by 400 horsepower electric motors with variable speed drives. Immediately adjacent to the pump station is a smaller 24-inch vertical turbine auxiliary pump with a pumping capacity of 15 MGD. The pump station will remain on standby as a viable back up to the new Earl Williams Pump Station.

**David Williams**

*Gulf Coast  
Division Manager*



During FY-21, construction was completed on the new Earl Williams Pump Station and Pipeline Project. The new facility has an initial pumping capacity of 85 MGD. The pump station consists of a steel and masonry structure on a concrete foundation with three 800-horsepower, 42-inch diameter vertical turbine pumps and a Supervisory Control and Data Acquisition (SCADA) control room. A seven-mile, 66-inch pipeline conveys water from the new pump station to the GCD main canal where water gravity flows through 40 miles of the main canal and 35 miles of lateral canals. The canal system supplies water to one municipality and several industries, including petrochemical plants, a pulp and paper mill, a steel mill, and two electric generation plants. Water is also supplied for irrigation and other miscellaneous uses. In FY-21, 44,981 acre-feet, or



*Vertical Turbine Pumps at the New Earl Williams Pump Station*

14,657,113,963 gallons of fresh water were delivered to customers through the canal system.

GCD continued to assist with the Newton County Flood Hazard Mitigation Project. The GCD provides demolition services to the public for homes and structures that qualify under the government-funded buyout program to flood prone areas along the Sabine River. Three properties were demolished and cleared of debris during FY-21 and these services will continue in FY-22.

In FY-21, contracted engineers assisted with several projects including the second phase of a bathymetric and LiDAR survey of 18.5 miles of the canal system, full design of three siphon structure replacements, and an inspection of the canal system.

Other GCD projects in FY-21 included the fabrication and installation of new aluminum slide gates and a gate control frame structure for 8-Gate. To assist the Orange County Drainage District, GCD personnel installed a new 48-inch, 120-foot steel drainage pipe under the main canal near FM 1442 in Orange County. This pipe replaced a smaller 36-inch pipe and will improve drainage for residents. GCD personnel also transported 8,356 cubic yards (744 dump truck loads) of select fill material to the construction site of the new SRA Environmental Services Building Project. The GCD will continue to assist the project in FY-22 by excavating an 80-foot by 128-foot earthen detention pond.

Routine infrastructure maintenance and repairs include inspecting canal levees, removal of accumulated silt and aquatic vegetation, and periodic mowing of the canal rights-of-way. Staff continue to work with surrounding county agencies to ensure that water flowing through the canal system is not restricted and can provide a dependable supply of fresh water now and in the future for all GCD customers. GCD personnel also maintains the State Highway 12 boat ramp on the Sabine River in Deweyville and the Cow Bayou boat ramp in Bridge City.

Cumulative daily average flow measured at the USGS Ruliff gage on the Sabine River at State Highway 12 in Deweyville totaled 9,499,643 acre-feet of water in FY-21, compared to 5,924,622 acre-feet in FY-20. Rainfall measured at the GCD office as of August 31, 2021, totaled 71.72 inches in FY-21 compared to 72.65 inches in FY-20. 🇺🇸



*8-Gate Refurbishment Project*



*State Highway 12 Boat Ramp in Deweyville*



*FM 1442 Underdrain Project*



*Canal Maintenance*

# TOLEDO BEND DIVISION



**Steven Dougharty**

*Toledo Bend  
Division Manager*

**THE TOLEDO BEND RESERVOIR** is the largest man-made reservoir in the South with approximately 185,000 surface acres and 1,200 miles of shoreline. The reservoir sprawls into parts of Panola, Shelby, Sabine, and Newton Counties in Texas, as well as De Soto and Sabine Parishes in Louisiana. The Toledo Bend Powerhouse first began generating electricity in 1969. Water supply, hydroelectric generation, and recreation are the primary purposes for the reservoir's construction.

The Toledo Bend Division (TBD) has been responsible for management and operation of the Texas side of the reservoir for over 51 years. This division manages 762 miles of shoreline, 3,198 Private Limited Use Permits, 26 Commercial Permits, 4,694 Private Sewage Facility Licenses (PSFLs), 1,400 On-Site Sewage Facility Registrations, more than 800 buoys, two recreation areas, 10 boat ramps, one sewer plant, and several maintenance facilities.

In late August 2020, Hurricane Laura brought significant damage to trees throughout the Toledo Bend area. Personnel from TBD, PRD, Lake Fork and Lake Tawakoni divisions worked for weeks clearing downed

trees and hanging limbs on roadways and in camping areas. Personnel also collected logs washed up along shorelines near the dam, spillway, powerhouse, and boat ramps, especially at the south end of the reservoir. Repairs to hurricane damaged riprap have been initiated and will continue as required.

Six Mile Boat Ramp area work is nearing completion. The parking area, restroom, floating dock, fishing pier, three pavilions, sidewalks, trash cans, entrance sign, and grounds leveling have been completed. Additional security measures, pavilion lighting, and fishing pier benches will be completed in FY-22.

Federal Energy Regulatory Commission (FERC) compliance work and plan development continued in FY-21. Specifically, within TBD, erosion and encroachment monitoring assessments were ongoing. Erosion



*Six Mile Boat Launch Improvements*

monitoring involved an annual inspection and evaluation of thirteen sites on Federal and non-Federal lands. Encroachment monitoring involved aerial imagery examination, field investigations, surveys, documentation, and notification.

A wide range of work was done in both permitting and maintenance during FY-21. Shoreline erosion control continued in various locations within Shelby, Sabine, and Newton counties. Miles of boat lanes were maintained by replacing, repairing, and repositioning buoys. Permits were granted for several short-term limited water use contracts, as well as several encroachments and many new construction projects. Numerous inspections were performed on SRA property regarding erosion, tree hazards, permit lines, and park safety. As TCEQ's designated representative within 2000 feet of the reservoir, TBD administered 89 PSFLs in FY-21 and personnel performed numerous on-site sewage facility inspections.

Extensive boat lane clearing, widening, and straightening were performed during FY-21. Contractors cleared thousands of stumps from numerous boat lanes to make the lanes wider and easier to navigate, especially in the vicinity of intersections and curves.

SRA continues to support TPWD in their efforts to control giant salvinia and other non-native nuisance aquatic plant species. Giant salvinia, which has been an ongoing issue for several years, is problematic in the backs of some coves and in the upper reaches of Toledo Bend on the Texas side of the reservoir. The TPWD has continued their control efforts by applying herbicide. 🇺🇸



*Stump Removal in Boat Lanes*



*Riprap Placement*



*Six Mile Restroom Installation*

# TOLEDO BEND PROJECT JOINT OPERATION



**Don Iles**

*Regional Manager -  
Middle Basin*

**THE TOLEDO BEND PROJECT** (Project) is jointly owned by the Sabine River Authority of Texas (SRA-TX) and the Sabine River Authority, State of Louisiana (SRA-LA). The SRA-TX Toledo Bend Project Joint Operation (TBPJO) is staffed at the Toledo Bend Division office near the dam and powerhouse and is responsible for management of SRA-TX interests in the Project.

Rules, regulations, financial management and operation of the Project are directed by the Operating Board which is comprised of two members from the SRA-LA Board of Commissioners and two members from the SRA-TX Board of Directors. The General Manager of SRA-TX and the Executive Director of SRA-LA serve on the Operating Board as ex-officio members. The initial costs for the construction of the Project were shared equally by the two Authorities, and they continue to share in the operating costs; therefore, each state is entitled to fifty percent of the income from the sale of power generated at the facility, plus the dependable water supply yield is equally divided. Management of matters related to the reservoir, dam, spillway, and power plant are handled jointly, with each state managing its own shoreline and recreation activities.

Don Iles serves as Regional Manager-Middle Basin, and works closely with the SRA-LA Dam Safety Engineer. Dam safety and compliance with the Federal Energy Regulatory Commission (FERC) rules are top priorities, as is the efficient and safe operation of the hydropower generation facility.



*FERC Inspection of the Underdrain System*

Two releases through the spillway occurred during FY-21. The first release occurred because of significant rainfall during April and May 2021 and continued above-normal rainfall during May. Although the first release began on May 2nd and ceased on May 8th, a second release was necessary beginning on May 10 and peaked at eleven gates opened to three feet on May 11th. Spillway gates were lowered, raised, and lowered incrementally in the days following, and were closed on June 18th. The two releases spanned a total of forty-five days.

The TBPJO participated with Newton County and Vernon Parish in a Flood Hazard Mitigation Project funded through a Federal Emergency Management Agency (FEMA) grant program. The Project furnished funding and in-kind services in the form of voluntary buy-out and demolition of homes and structures below the dam. The first two phases were initiated in FY-08, and in FY-12, Phases III, IV and V were implemented. Included in these phases were properties on River Road (directly below the dam), Sabine Sands (Bon Wier area) and the Deweyville area. Phase V demolitions of structures in Newton County were completed during FY-21. The Joint Operating Board also approved participating in Phase VI, which included program funding for Vernon Parish in Louisiana, and demolitions in Vernon Parish were completed during FY-21.

Powerhouse Unit #2 generator had a routine outage from late August to November 2020 for repair and maintenance, which was completed under budget. Runner blade weld inspections and repairs were completed. Additional capital improvement projects at the powerhouse were completed, including the replacement of cooler heads and thrust bearing coolers on unit #2 and replacement of the hydraulic controls for both units. Two new Generator Step-Up Transformers (GSUs) were ordered with delivery scheduled in early 2022. Final plans and specs were completed for the replacement of the main transformer with the two GSUs at the powerhouse and the project will bid during FY-22. Also, a new security and camera surveillance system was installed at the powerhouse.

A Spillway Electric System Upgrade project is planned for FY-22 and final plans and specs were



*Toledo Bend Powerhouse*

developed during FY-21. The upgrade will improve the reliability and functionality of the spillway gate operating system.

A Functional Test of the Emergency Action Plan (EAP) was scheduled to be completed during 2020, but due to COVID-19, the exercise was postponed with FERC's approval until 2021. Six months of planning has been accomplished with the test scheduled to be completed in November 2021. The Annual FERC Safety Inspection was completed on January 29th and 30th. An SRA consultant conducted an annual inspection at the same time. FERC and consultant engineers inspected the dam, spillway, powerhouse, and related facilities to ascertain that all facilities are functioning and being maintained in compliance with FERC standards and that the security and integrity of the Project are being enforced. FERC also conducted a Security Inspection of the Dam, Spillway and Powerhouse. An external audit of the Dam Owner's Safety Program was completed and submitted to FERC.

FY-21 began with a reservoir elevation of 169.73 feet mean sea level (MSL) on September 1, 2020, and ended at 168.74 feet MSL on August 31, 2021. Total rainfall during FY-21 was 69.41 inches compared to 59.79 inches in the previous fiscal year. Total water released during FY-21 was 6,399,960 acre-feet. The power plant generated 319,307,320 kWh in FY-21 compared to 222,151,598 kWh in FY-20. 🇹🇽



*Removing Coffer Dam on Spillway Channel*



# PARKS AND RECREATION DIVISION



**Steven Dougharty**  
*Parks and Recreation  
Division Manager*

**THE PARKS AND RECREATION DIVISION** (PRD) began operation in 1999 with the primary vision to preserve and expand recreation opportunities throughout the Sabine Basin. For the past 22 years, this division has specifically been operating and maintaining Haley's Ferry, Ragtown, East Hamilton, Indian Mounds, Lakeview, and Willow Oak Recreation Areas, which are in Shelby and Sabine Counties. PRD employees maintain approximately 200 acres of recreation area, which includes six boat ramps, 90 campsites, six restroom buildings, many miles of roads, two hiking trails, two water systems, and two dispersed camping areas.

Improvements to the six United States Forest Service (USFS) recreation areas through the years include five boat ramp renovations, a boat ramp construction at the Indian Mounds camping area and completing a second camping loop at Indian Mounds. USFS recreation buildings, grounds, amenities, and trails have been improved by routine maintenance.

Hurricane Laura brought significant damage to trees throughout all the parks. All Toledo Bend Recreation Areas were closed as Hurricane Laura approached and it took weeks to reopen all of them due to storm damage.

Crews from PRD, Toledo Bend Division, and the Upper Basin cleared roadways and camping areas of downed trees and hanging limbs.

The issuance of the FERC license on August 1, 2014, initiated a Capital Improvement Plan for the USFS-owned and SRA-operated recreation areas. The plan includes improvements that will make some campsites ADA (Americans with Disabilities Act) accessible, replace current portable restroom facilities with new vault toilet facilities, decommission some unused facilities, and construct several new walkway ramps with boat access. Planning with the USFS is now complete on these projects and design and layout work is continuing. Six pre-cast concrete vault toilet buildings have been installed at Willow Oak, Lakeview, and Indian Mounds. Pathways, parking, and access to these vault toilets are planned to be completed in the upcoming year which will



*Demolition of Wastewater Treatment Facility at Ragtown*



*Hurricane Laura Damage at the Entrance of Sam F. Collins Recreation Site*

allow for opening of the new facilities. Capital improvements in Ragtown Recreation Area this year included demolition of the old wastewater treatment facility, installation of five new ADA campsites, removal of one obsolete campsite, and installation of a new concrete drainage culvert under the main access road. Remaining Capital Improvement work is planned for implementation and completion in FY-22.

Ragtown Recreation Area was reopened this year after a tornado significantly damaged the camping area and boat ramp area in May 2019. Tree removal, infrastructure and building damage repair, along with planned capital improvements were completed so that the boat ramp and half of the camping area could be reopened. The other half of the camping area should be reopened in FY-22 with the replacement of two restrooms damaged by a tornado.

Numerous maintenance items were completed during this fiscal year. Asphalt repair work was completed for some rough areas on roadways at Indian Mounds, Willow Oak, Ragtown, and East Hamilton recreation areas. Mowing, trimming, cleaning and repairing acres of parks, campgrounds, shorelines, and miles of roadways each year keep accessways and public use areas beautiful and safe for recreation. Indian Mounds and Lakeview campgrounds have Texas Commission on Environmental Quality (TCEQ) regulated public drinking water systems which require employee licenses with continuing education, constant monitoring and reporting, along with routine maintenance and repairs. 🇹🇽



*Installation of Security Light at Carrice Creek Boat Ramp*



*Capital Improvement at Ragtown Recreation Area*

# LAKE FORK DIVISION

**THE LAKE FORK DIVISION (LFD)** of the Sabine River Authority of Texas has been responsible for the operation and maintenance of Lake Fork Dam and Reservoir for 40 years. Final closure of the dam was made in 1980 and the reservoir reached full conservation pool elevation at 403 ft mean sea level (MSL) in 1985.

Lake Fork Reservoir provides raw water for numerous municipalities and one industrial customer. The full storage capacity of the reservoir is 675,819 acre-feet of water, with an annual dependable yield of 188,660 acre-feet. Bright Star-Salem Special Utility District, the City of Quitman, and the City of Dallas have raw water intake pump stations on the reservoir. Downstream customers include the City of Longview, the City of Kilgore, the City of Henderson, and Texas Eastman. These customers receive their water from the Sabine River Authority by way of releases made through the spillway and pump their released water from the Sabine River at TCEQ-permitted diversion points.

Lake Fork Dam has a controlled spillway with five Tainter gates that are operated by an electric cable hoist system. Each gate is 20 feet tall and 40 feet wide. Epoxy



**Conrad King**

*Lake Fork  
Division Manager*

coatings and cathodic protection are maintained on the gates to resist corrosion. The downstream earthen embankment is covered in Bermuda grass and is maintained by annual lime and fertilizer applications, weed control, and mowing. Regular maintenance inspections and soil cement maintenance have kept the soil cement face of the dam in good condition. The dam and spillway are inspected annually by consulting engineers, with a more in-depth inspection occurring every three years. During FY-21, at the recommendation of the consulting engineers, the overhead structure lighting was replaced and several of the handrails on the structure were repaired. Security of the Lake Fork Division was increased in FY-21 with the installation of cameras on the structure, the office grounds, and Swearingen Park. Also new for FY-21 was the hiring of a security contractor that provides off-duty peace officers to patrol the dam, office, and other SRA facilities.

The LFD has 15 employees, including management, administrative, and the maintenance and operations (M&O) staff. M&O personnel handle a wide variety of tasks related to maintenance and upkeep of the dam, 315 miles of shoreline and adjacent lands, the reservoir, two recreation sites, three maintenance facilities, boat ramps, and buoy program. There are approximately 35 miles of navigation buoys on Lake Fork that require regular inspection and maintenance. Lake Fork M&O personnel maintain six reservoir boat ramps and three upper Sabine River boat ramps that were constructed by the SRA for public recreation opportunities. The U.S. Highway 69, State Highway 14, and U.S. Highway 271 boat ramps on the Sabine River are cleared of sediment and trash on a regular basis.

The State of Texas has delegated to the SRA administrative oversight of all septic systems adjacent to Lake Fork Reservoir. The LFD reviews all plans for new septic systems and investigates complaints on malfunctioning systems around the reservoir. Staff work with homeowners to ensure that all septic systems function properly to protect human health and water quality. LFD has administered 3,645 on-site sewage disposal licenses and in FY-21, the LFD issued an additional 62 licenses and resolved 14 complaints.



*Footbridge Over Cove at Swearingen Park*



*New Walking Path at Swearingen Park*

Management of the floodplain around Lake Fork Reservoir also includes oversight and administration of private and commercial permit areas. There are currently 1,664 Private Limited Use Permits, 47 Commercial Limited Use Permits, and 64 Grazing Permits. These permits allow adjoining landowners access to and use of the reservoir and surrounding Authority lands for approved purposes.

Several improvements were made at Swearingen Park in FY-21. Four new pavilions with picnic tables were constructed, a new fishing pier was constructed, shade sails were erected next to the playground, a one-mile walking path with a footbridge over a cove was installed

and paved parking was expanded. Work on the Caney Point Recreation Area continued as well. The Caney Point Recreation Area now has a paved entrance road, parking lot and a six-lane boat ramp. Work is ongoing with an expected opening in FY-22.

The average rainfall for the Lake Fork area is approximately 48 inches per year. In the twelve months of FY-21, 47.24 inches of rainfall was recorded at the Lake Fork Dam, compared to 51.09 inches and 70.48 inches in FY-20 and FY-19. The highest and lowest reservoir elevations in FY-21 were 403.85 feet MSL on June 2nd, 2021, and 400.59 feet MSL on December 29th, 2020. 🇺🇸



*Parking Lot and Six-Lane Boat Ramp at Caney Point Recreation Area*

# LAKE TAWAKONI DIVISION

**CONSTRUCTED AS A WATER SUPPLY RESERVOIR, LAKE TAWAKONI** stores 927,440 acre-feet (289 billion gallons) of water at conservation pool elevation. The watershed for the reservoir is 752 square miles and the dependable annual yield of the project is 238,100 acre-feet per year (212 million gallons per day). At conservation pool elevation of 437.5 feet Mean Sea Level (MSL), Lake Tawakoni inundates 36,700 acres with about 200 miles of shoreline in Hunt, Rains, and Van Zandt Counties. The reservoir reached conservation pool elevation of 437.5 feet MSL in October of 1965. The 480-foot concrete ogee spillway is in Van Zandt County and the 5.5-mile-long earthen dam is in Van Zandt and Rains Counties. The Sabine River Authority (SRA) has twenty percent of the available yield, 47,620 acre-feet per year (42.5 million gallons a day), which is contracted to fourteen SRA water customers. As part of the funding agreement that allowed for the construction of the reservoir, the City of Dallas has contractual rights to eighty percent of the available yield.

Abundant rainfall beginning January 3, 2021, filled the reservoir to conservation pool elevation of 437.5 MSL and water began spilling over the un-gated spillway structure. On June 3, 2021, the reservoir reached the highest elevation for the year, 439.83 MSL, which is 2.33 feet



**Jason Stovall**

*Lake Tawakoni  
Division Manager*

above conservation pool. Additional rainfall throughout the winter, spring and summer allowed water to continue to flow over the spillway for almost seven months until July 27, 2021. As with the entire State of Texas, Lake Tawakoni experienced a record low -4 degrees Fahrenheit and over 9" of snowfall in February 2021 which created issues on pipes and appurtenances. Lake Tawakoni Division staff was able to identify all problems and had a contractor replace a gasket and flange on one of the 20" discharge pipes located at the dam.

The Lake Tawakoni Division (LTD) has a total of 12 employees comprised of field, maintenance and operation (M&O) and administrative personnel. LTD field personnel are responsible for the oversight and administration of over 1,800 private limited use permits, 33 commercial limited use permits, and 46 grazing



*Channel Bank Stabilization Project*

permits. LTD field personnel also oversee private and commercial construction activities on SRA property and conduct annual inspections of the commercial facilities. SRA also serves as the authorized agent for the Texas Commission on Environmental Quality (TCEQ) for approximately 2,400 on-site sewage facilities (OSSFs) within 2,000 feet of the project boundary. In this capacity, field personnel review design information for new septic systems, perform inspections, investigate complaints, and work with property owners and local courts, as necessary, to resolve OSSF violations. LTD issued 71 permits for new OSSFs and investigated 38 complaints during FY-21. LTD field personnel operate three SRA-owned wastewater treatment plants (WWTPs) at Tawakoni State Park, Wind Point Park, and recently conveyed 429 WWTP. Our office worked extensively with the Public Utility Commission regarding obtaining a sale, transfer merger for the WWTP. The WWTP is currently owned and permitted by SRA.

LTD M&O personnel are responsible for routine maintenance of SRA facilities, vehicles, equipment, four public boat ramps and 200 miles of shoreline. They monitor instrumentation, such as piezometers, and relief wells to ensure the continued safety and reliability of the dam and spillway. They also maintain buoys on the reservoir, perform repairs and maintenance to the SRA-owned wastewater treatment plants, and implement special construction projects related to the operation of the reservoir. LTD personnel continue to perform work enhancing SRA boat ramp areas. The parking lot at the west end of Two Mile Boat ramp area was expanded and several thousand tons of riprap were placed to prevent erosion.

In addition to on-going routine maintenance, special projects were performed at the Lake Tawakoni Division during this fiscal year. The Lake Tawakoni Spillway Channel Bank Stabilization Project continued with the contractor driving the king piles and sheet piles in November 2020. Due to the high water they had to demobilize and finished driving the last king pile in July 2021. The stabilization project consists of a 460' combination wall (combi wall), that will stabilize an area prone to erosion in the spillway channel. Construction continued at the Lake Tawakoni Recreation Site with the addition of two boat ramps, paved parking, and a floating pier. Phase two has been bid and will continue in FY-22.

The lowest and highest elevations for Lake Tawakoni in FY21 were 435.68 feet MSL on December 27, 2020, and 439.83 feet MSL on June 3, 2021, respectively. Rainfall for the fiscal year totaled 49.45 inches compared to 45.86 inches in FY20 and 66.44 inches in FY19. 🇹🇽



*Construction of New Boat Ramp at Lake Tawakoni Recreation Site*



*Paved Parking at Lake Tawakoni Recreation Site*



*Floating Pier Construction*





March 2019 - Initial Site



November 2019 - Sheet Piling



May 2020 - Wet Well Walls



July 2020 - Pump Station Flooring



August 2020 - Pump Station Frame



September 2020 - Pump Station Construction



March 2021 - Pump Station Construction



July 2021 - Pump Station Completion





# SABINE RIVER AUTHORITY OF TEXAS

For the Years Ended  
August 31, 2021 and 2020

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INDEPENDENT AUDITORS' REPORT

To the Board of Directors  
Sabine River Authority of Texas  
Orange, Texas

**Report on the Financial Statements**

We have audited the accompanying comparative financial statements of Sabine River Authority of Texas (the "Authority") Operations and Gulf Coast Funds, as of and for the year ended August 31, 2021, and the related notes to the financial statements which collectively comprise the Authority's basic financial statements as listed in the table of contents.

**Management's Responsibility for the Financial Statements**

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

**Auditor's Responsibility**

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

**Opinion**

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the Authority, as of August 31, 2021, and the respective changes in financial position and cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

**Emphasis of Matter**

We did not audit the Toledo Bend - Joint Operation, which represents approximately 0.67% and 9.8%, respectively, of the revenue and assets of the Authority for the year ended August 31, 2021, and approximately 5.8% and 10%, respectively, of the revenue and assets of the Authority for the year ended August 31, 2020. Those statements were audited by other auditors whose reports have been furnished to us, and our opinion, insofar as it relates to the amounts included for the year ended August 31, 2021 and 2020 for Toledo Bend - Joint Operation, is based solely on the reports of the other auditors.

## Other Matters

### *Required Supplementary Information*

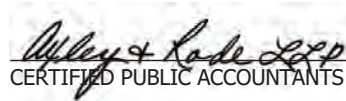
Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and Schedule of Changes in Total - Other Post-Employment Benefits, Liability and Related Ratios on pages 6 - 10 and 31 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

### *Other Information*

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Authority's basic financial statements. The introductory section, supplementary and statistical section are presented for purposes of additional analysis and are not a required part of the basic financial statements.

The introductory, supplementary and statistical sections are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, introductory, supplementary and statistical sections are fairly stated, in all material respects, in relation to the basic financial statements as a whole.

Lufkin, Texas  
December 9, 2021

  
CERTIFIED PUBLIC ACCOUNTANTS



## Management's Discussion and Analysis

The following discussion and analysis of the Sabine River Authority of Texas' financial performance provides an overview of the Authority's financial activities for the years ended August 31, 2021 and 2020, in comparison with the prior year financial results. Please read it in conjunction with the financial statements, which follow this section.

### Statements of Net Position, Statements of Revenues, Expenses, and Changes in Net Position, and Statements of Cash Flows

The financial report consists of three parts: *Management's Discussion and Analysis* (this section), the basic financial statements, and the notes to the financial statements.

The basic financial statements include the Statements of Net Position, the Statements of Revenue, Expenses and Changes in Net Position, and the Statements of Cash Flows that present information for the Authority as a whole and provide an indication of the Authority's financial health. The financial statements are presented with two major Enterprise Funds using the accrual basis of accounting. The Authority uses enterprise funds to account for its Operations and Gulf Coast Division.

The Statements of Net Position report the current and noncurrent assets and liabilities for the Authority as well as delineating the restricted assets from assets to be used for general purposes. The Statements of Revenue, Expenses and Changes in Net Position report all of the revenues and expenses during the time periods indicated. The Statements of Cash Flows report the cash provided and used by operating activities, as well as other cash sources such as investment income and cash payments for repayment of bonds and capital additions.

### Net Position

The net position of the Operations Fund increased during 2021 by \$8.3 million or 3.9% while the net position during 2020 increased by \$7.1 million or 3.5%. Total liabilities decreased during 2021 by \$10.9 million or 15.0% and decreased during 2020 by \$6.2 million, or 7.9%. The decrease in total liabilities for 2021 and 2020 is primarily the result of release of unearned revenue.

Total Noncurrent Assets decreased by \$0.6 million, or 0.3%, during 2021 and increased \$24.3 million, or 11.3% in 2020. The increase in 2020 is primarily due to investment in construction and asset improvements.

The net position of the Gulf Coast fund increased during 2021 by \$2.5 million or 22.0% while the net position during 2020 increased by \$4.4 million or 62.3%. Total assets increased during 2021 by \$2.5 million and total assets increased in 2020 by \$24.4 million, both as a result of construction and capital asset improvements. Total liabilities decreased during 2021 by \$0.2 million and increased during 2020 by \$19.9 million, or 0.3% and 31.5%, respectively. The decrease in 2021 was the result of scheduled payments on long-term debt. The increase in total liabilities for 2020 is the result of release of bond proceeds (long-term debt).

Total noncurrent assets in the Gulf Coast Fund increased by \$20.3 million during 2021 after an increase of \$37.2 million for 2020.

Current assets in the Gulf Coast Fund decreased by \$17.8 million following an increase of \$12.7 million for 2020. The decrease in 2021 is primarily driven by use of cash for construction on the Gulf Coast Division pumping station and scheduled debt service. The increase in 2020 is primarily due to an increase in funds received from bond proceeds for construction of the new pump station and pipeline.

## FINANCIAL HIGHLIGHTS

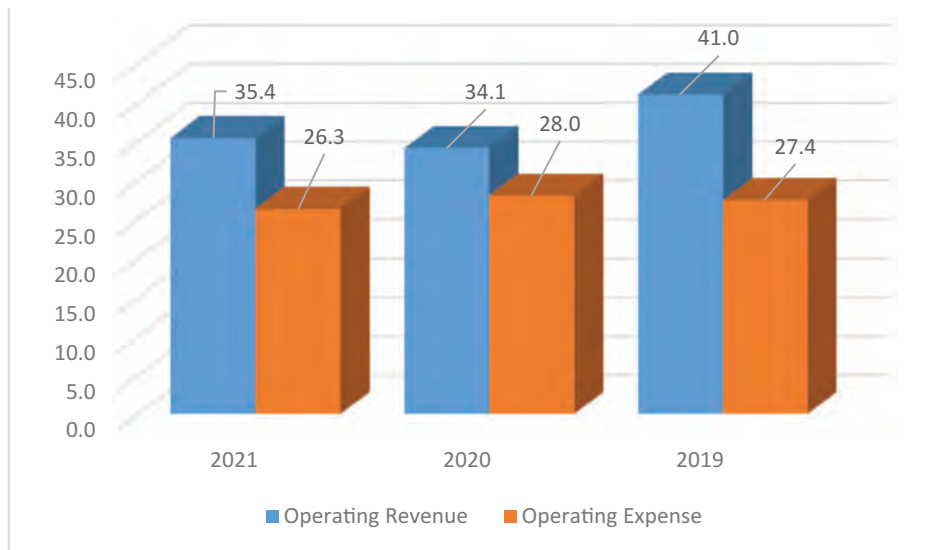
	OPERATIONS		GULF COAST	
	2021	2020	2021	2020
<b>Assets:</b>				
Current assets	\$ 38 469 411	\$ 39 140 276	\$ 12 667 450	\$ 30 494 674
Restricted cash and investments	57 179 236	64 946 348	2 074 560	1 308 982
Capital assets, net	180 006 509	172 870 339	78 641 848	59 112 101
Other assets	-	-	3 282 686	3 282 686
<b>TOTAL ASSETS</b>	<b>275 655 156</b>	<b>276 956 963</b>	<b>96 666 544</b>	<b>94 198 443</b>
Deferred outflows	4 120 516	4 363 512	490 198	519 295
<b>Liabilities:</b>				
Current liabilities	9 582 545	12 365 468	8 628 737	7 267 435
Noncurrent liabilities	51 866 094	59 960 196	74 274 947	75 855 475
<b>TOTAL LIABILITIES</b>	<b>61 448 639</b>	<b>72 325 664</b>	<b>82 903 684</b>	<b>83 122 910</b>
Deferred inflows	1 567 526	506 496	195 986	68 935
<b>Net Position:</b>				
Net investment in capital assets	180 006 509	172 870 339	9 999 534	(11 375 213)
Restricted	-	-	2 074 560	1 308 982
Designated by Board Directive	22 741 714	24 899 017	-	-
Unrestricted	14 011 284	10 718 959	1 982 978	21 592 124
<b>TOTAL NET POSITION</b>	<b>216 759 507</b>	<b>208 488 315</b>	<b>14 057 072</b>	<b>11 525 893</b>
<b>Change in Net Position:</b>				
<b>Operating Revenues:</b>				
Water sales	25 921 124	27 833 585	8 397 002	7 841 111
Power sales	7 052 597	3 665 956	-	-
Wastewater treatment	179 032	158 061	-	-
Permits	974 658	990 390	-	-
Water quality activity	882 158	746 473	-	-
Miscellaneous	414 121	698 576	29 156	303 771
<b>TOTAL OPERATING REVENUES</b>	<b>35 423 690</b>	<b>34 093 041</b>	<b>8 426 158</b>	<b>8 144 882</b>
<b>Operating Expenses:</b>				
Operation and maintenance	22 096 044	24 076 755	3 587 517	2 637 557
Depreciation	4 216 592	3 946 299	224 664	156 234
<b>TOTAL OPERATING EXPENSES</b>	<b>26 312 636</b>	<b>28 023 054</b>	<b>3 812 181</b>	<b>2 793 791</b>
<b>OPERATING INCOME</b>	<b>9 111 054</b>	<b>6 069 987</b>	<b>4 613 977</b>	<b>5 351 091</b>
<b>Nonoperating Revenues (Expenses):</b>				
Grant program	(1 248 934)	(342 700)	-	-
Gain on disposition of capital assets	2 689	113 799	-	-
Investment income	406 383	1 411 504	28	953 255
Interest expense	-	-	(2 082 826)	(2 005 974)
<b>TOTAL NONOPERATING REVENUES (EXPENSES)</b>	<b>(839 862)</b>	<b>1 182 603</b>	<b>(2 082 798)</b>	<b>(1 052 719)</b>
<b>INCOME BEFORE TRANSFERS</b>	<b>8 271 192</b>	<b>7 252 590</b>	<b>2 531 179</b>	<b>4 298 372</b>
Transfer in (out)	-	(125 083)	-	125 083
<b>CHANGE IN NET POSITION</b>	<b>8 271 192</b>	<b>7 127 507</b>	<b>2 531 179</b>	<b>4 423 455</b>
Total net position, beginning	208 488 315	201 360 808	11 525 893	7 102 438
<b>TOTAL NET POSITION, ENDING</b>	<b>\$ 216 759 507</b>	<b>\$ 208 488 315</b>	<b>\$ 14 057 072</b>	<b>\$ 11 525 893</b>

### Operating Income

Operations for 2021 Operations Fund resulted in operating income of \$9.1 million, while Operations in 2020 resulted in an income of \$6.1 million. The increased operating income in 2021 was primarily driven by increased power generation and power sales. Operating expenses decreased \$1.7 million in 2021 while operating revenues increased \$1.3 million.

Total operating revenues consist primarily of water sales and power sales, with additional operating revenues including wastewater treatment, permits, and water quality activity as well as miscellaneous income. The increase in operating revenues during 2021 follows a decrease during 2020. Power sales increased for 2021 when compared to 2020.

Operating expenses decreased \$1.7 million, or 6.1%, following a \$0.7 million, or a 2.4%, increase in 2020. While the operating expenses decreased in 2021, no single category of expenses accounted for the differences. Increases in 2020 were attributable to repairs on the Toledo Bend Spillway.



Operations for 2021 Gulf Coast fund resulted in operating income of \$4.6 million, operations in 2020 resulted in an income of \$5.4 million and 2019 resulted in an income of \$3.7 million. The increase in 2021 resulted from an increase in water sales. Operating expenses increased \$1.0 million in 2021 due to increases in personnel costs while operating revenues increased \$0.3 million.

Total operating revenues consist primarily of water sales. The increase in operating revenues during 2021 follows an increase during 2020. Water sales increased substantially for 2021 when compared to 2020 due to increases in water rates.

Operating expenses were relatively flat in 2021 and 2020.

### Overall Financial Position

The Authority has sufficient revenues and reserves to pay the expenses and debt service of the Authority.

### Significant Capital Assets

Net capital assets for the Authority increased from \$231,982,440 to \$258,648,357, an increase of \$26.7 million or 11.5%. The increase is the result of the increased construction in progress. The Authority's projects and a description of each are as follows:

#### Gulf Coast Division

The Sabine River Authority, having been created by the legislature in 1949, purchased the Orange County Water Company in 1954. The newly acquired canal system, now known as the Gulf Coast Division, provided the initial catalyst for the operations of SRA. The Gulf Coast Division supplies fresh water from the Sabine River to industries, farmers and a municipality in Orange County by way of a canal system. The new Earl Williams Pump Station, which became operational in June 2021, consists of three 750-horsepower, 42-inch vertical turbine pumps capable of pumping 42,500 gallons per minute (gpm) each. Fresh water is conveyed from the new pump station via a 7-mile, 66-inch pipeline to the John W. Simmons Gulf Coast Canal System. The John W. Simmons Pump Station consists of two horizontal centrifugal pumps with 400 horsepower electric motors capable of pumping 60,000 gallons per minute (gpm) each and one vertical auxiliary pump with a 125 horsepower motor capable of pumping 12,000 gpm. From each pump station, the fresh water is distributed by gravity flow through approximately 40 mile of main canal and 35 miles lateral canals from the east side of Orange County to the west side.

The canal system provides fresh water to five petrochemical plants, two electric power plants, a pulp and paper mill and a steel mill, as well as the city of Rose City, Texas. Water sales for Gulf Coast Division were 40.16 million gallons daily (mgd) for 2021 as compared to the 2020 water sales which were 42.56 mgd.

#### Lake Tawakoni

This water supply project of the Sabine River Authority of Texas is located on the Sabine River immediately above the old Iron Bridge Crossing on FM 47, about 10 miles northeast of Wills Point, Texas. The reservoir inundates land in Hunt, Rains, and Van Zandt Counties. The State Board of Water Engineers issued a permit for project construction on December 20, 1955. Land acquisition was initiated in 1956 and completed in October 1960. Construction on the dam began in January 1958 and was completed in October 1960.

Construction of the Iron Bridge Dam and Reservoir Project was funded through a water supply agreement with the City of Dallas to provide water for municipal and industrial purposes. The reservoir storage capacity at 437.5 feet mean sea level conservation pool level is 926,000 acre-feet (302 billion gallons). The dependable annual yield of the reservoir is approximately 238,100 acre-feet per year (213 million gallons per day).

In 2021, 29.46 mgd of water was delivered to 14 customers including municipalities and water supply corporations compared to 39.91 mgd delivered in 2020.

### **Toledo Bend Reservoir**

The Sabine River Authority of Texas, and the Sabine River Authority, State of Louisiana constructed Toledo Bend Reservoir, primarily for the purposes of water supply, hydroelectric power generation, and recreation.

This project is located in Texas and Louisiana on the Sabine River, which forms a portion of the boundary between the two states. From the dam site the reservoir extends up the river for about 65 miles to Logansport, Louisiana, and inundates land in Sabine, Shelby, Panola, and Newton Counties, Texas, and Sabine and DeSoto Parishes, Louisiana.

Toledo Bend Reservoir is one of the largest man-made bodies of water in the South and one of the largest in surface acres in the United States, with water normally covering an area of 185,000 acres and having a controlled storage capacity of 4,477,000 acre-feet (1,448,934,927,000 gallons). Toledo Bend Reservoir is distinctive in that it is a public water conservation and hydroelectric power project that was undertaken without federal participation in its permanent financing.

The operation of the project for hydroelectric power generation and water supply provides a dependable yield of 1,868 million gallons per day. Most of this water is passed through the turbines for the generation of electric power and is available for municipal, industrial, and agricultural purposes. An indoor type hydroelectric power plant is located in the south abutment of the dam. It consists of two vertical units of equal size utilizing Kaplan turbines, rated at 55,750 hp each at a minimum net head of 60.8 feet, and water-cooled generators of the umbrella type rated at 42,500 KVA at a 0.95 power factor. It is estimated that the power plant will generate an average of 207,000,000-kilowatt hours annually. Entergy Louisiana, Cleco Power and Southwestern Electric Power Company have contracted with the Sabine River Authorities for the purchase of the hydroelectric power.

The yield of Toledo Bend Reservoir is 2,086,600 acre-feet (ac-ft), of which half is allocated to Texas and half to Louisiana. Of the 1,043,300 ac-ft allocated to Texas, the Authority has a permit for 750,000 ac-ft. In 2003, the Authority made application to Texas Commission on Environmental Quality for the unpermitted 293,300 ac-ft of water in Toledo Bend. In 2021, water sales from Toledo Bend totaled 5.19 mgd compared to 4.73 mgd in 2020. Water is delivered to 4 municipalities, 3 industrial customers, and 8 miscellaneous customers.

### **Lake Fork**

This project is located on Lake Fork Creek, a major tributary of the Sabine River, about 5 miles west of Quitman, Texas. The reservoir, owned and operated by the Sabine River Authority of Texas, inundates land in Wood, Rains, and Hopkins Counties. Preliminary engineering studies for the Lake Fork Reservoir Project were initiated in November 1972. Construction work on the project began in the fall of 1975. Final closure of the dam was made in February 1980, and conservation pool level was reached in December 1985. A total of 41,100 acres of land were acquired for the project. Lake Fork Reservoir has an estimated surface area of 27,690 acres at conservation pool elevation 403.0 feet above mean m.s.l. (mean sea level) and extends up Lake Fork Creek about 15 miles.

Construction of the Lake Fork Reservoir was funded through a water supply agreement with Texas Utilities, Inc. (TXU) to provide water for municipal and industrial uses. The Cities of Dallas, Longview, Kilgore, Henderson and Quitman have contracted for purchase of water from the reservoir. The reservoir's storage capacity at the 403 feet m.s.l. conservation pool level is 675,819 acre-feet with a minimum firm yield of 188,660 acre-feet per year.

Lake Fork is a world-class fishery and has been identified by many outdoor writers as the best "big bass" reservoir in the state and perhaps the nation. This reputation is due in large part to fishery management efforts of the Texas Parks and Wildlife Department who began stocking the reservoir with Florida largemouth bass in 1978. The current state record largemouth bass was caught in Lake Fork.

Lake Fork customers consist of six municipalities, one industrial, and two other customers. In 2021, 51.98 mgd of water was delivered to these customers as compared to 52.13 mgd delivered in 2020.

### **Environmental Services**

The Environmental Services Division is responsible for the Authority's water quality monitoring activities in the Sabine River Basin of Texas. These activities are coordinated with State regulatory agencies and also include the review and evaluation of water quality data collected by other agencies in the Sabine Basin. Further, Environmental Services Division staff conducts the assessment of water quality within the Sabine River Basin, Texas, for the Texas Clean Rivers Program.

Tracking water quality conditions in the reservoirs and the streams in the Basin becomes more important to the Authority each year as the number and size of water users and wastewater dischargers increase. Additionally, the Environmental Services Division assists governmental entities, industries, and municipalities by providing them with water quality information to meet their various needs.

The Authority receives funds from the State of Texas to offset costs for administering the Clean Rivers Program in addition to the fees collected for the water testing performed for industrial and municipal customers. In 2021, Environmental Services Division performed 81,761 tests compared to the 72,532 tests performed in 2020.

### **Capital Assets**

Net capital assets for the Operating Fund increased from \$172,870,339 to \$180,006,509 or 4.1%, primarily due to construction on parks and recreation facilities.



Net capital assets for Gulf Coast Fund increased from \$59,112,101 to \$78,641,848 or 33%. The increase primarily relates to the large capital project for a pump station.

For more detailed information on capital asset activities, please refer to the capital asset section in Note 3 of the Notes to Financial Statements.

### **Long-Term Debt**

The assets previously discussed were financed by revenue bonds and regular operating revenue. Principal payments made during 2021 and 2020 were \$1,845,000 and \$1,230,000, respectively. There are no outstanding bonds on operations fund projects.

The Authority has fully drawn \$75,000,000 bonds for the Gulf Coast Fund during prior fiscal years, some of which is held in escrow and recognized in other assets pending approval of release by the Texas Water Development Board.

For more detailed information on long-term debt activities, please refer to the Long-Term Liabilities section in Note 3 of the Notes to Financial Statements as well as the Supplementary Information which follows the Notes to Financial Statements.

### **Designated and Restricted Funds**

The Authority maintains bond reserve funds as required by bond covenants and designated funds are set aside by the Board of Directors for specific purposes such as operating reserve, capital improvement reserve, repair and replacement, basin development, economic development and disaster recovery, and other reserve funds. The Authority receives no state appropriations and has no powers to levy taxes. As such, all expenses associated with the maintenance and operations of existing projects as well as planning for future water needs are the responsibility of the Authority. In order to be a self-sufficient entity, the Authority must maintain adequate reserves to ensure funds are available for ongoing activities as well as meeting the financial needs arising from major repairs on the existing projects and planning for future water needs.

### **Change in Financial Position**

The net position for the Operating Fund has increased from 2019 to 2020 and increased from 2020 to 2021. Total operating revenues increased from 2019 to 2020 and increased from 2020 to 2021.

The net position for the Gulf Coast Fund has increased from 2019 to 2020 and increased from 2020 to 2021. Total operating revenues increased from 2019 to 2020 and from 2020 to 2021.

This report is intended to provide our legislators, state officials, customers, bondholders, citizens of the State of Texas and other interested parties with a general overview of the Authority's financial position and to indicate accountability for the revenues the Authority receives.

Questions about this report or requests for additional financial information should be directed to Holly Smith, Assistant General Manager/Chief Financial Officer, at P. O. Box 579, Orange, Texas 77631, or call 409.746.2192.

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SABINE RIVER AUTHORITY OF TEXAS  
STATEMENTS OF NET POSITIONS  
August 31, 2021 and 2020

	OPERATIONS		GULF COAST	
	2021	2020	2021	2020
<b>ASSETS</b>				
Current Assets:				
Cash and cash equivalents	\$ 7 643 126	\$ 2 770 768	\$ 6 868 483	\$ 28 327 960
Investments	26 678 031	32 068 724	-	-
Accounts receivable	1 755 166	1 819 189	1 245 357	1 187 090
Advances - TBP Joint Hydro Operations	1 516 928	1 742 141	-	-
Due from other funds	-	-	4 553 610	979 624
Accrued interest receivable	256 522	281 664	-	-
Prepaid items	619 638	457 790	-	-
Other assets	-	-	3 282 686	3 282 686
<b>TOTAL CURRENT ASSETS</b>	<b>38 469 411</b>	<b>39 140 276</b>	<b>15 950 136</b>	<b>33 777 360</b>
Noncurrent Assets:				
Restricted cash and cash equivalents	22 741 714	24 899 017	2 074 560	1 308 982
Investments	34 437 522	40 047 331	-	-
Capital Assets:				
Land	55 104 995	55 015 507	9 031	9 031
Dams and electric plant	140 187 718	140 170 064	-	-
Water and pumping plant	40 141 080	40 141 080	4 737 521	4 743 932
Buildings	11 343 635	10 306 788	1 077 948	1 079 917
Equipment	9 253 194	9 328 361	2 599 191	2 237 638
Construction in progress	20 184 638	10 652 555	74 223 948	54 871 542
Less accumulated depreciation	(96 208 751)	(92 744 016)	(4 005 791)	(3 829 959)
<b>NET CAPITAL ASSETS</b>	<b>180 006 509</b>	<b>172 870 339</b>	<b>78 641 848</b>	<b>59 112 101</b>
<b>TOTAL NONCURRENT ASSETS</b>	<b>237 185 745</b>	<b>237 816 687</b>	<b>80 716 408</b>	<b>60 421 083</b>
<b>TOTAL ASSETS</b>	<b>275 655 156</b>	<b>276 956 963</b>	<b>96 666 544</b>	<b>94 198 443</b>
Deferred Outflows:				
Deferred outflow - OPEB	4 120 516	4 363 512	490 198	519 295
<b>TOTAL DEFERRED OUTFLOWS</b>	<b>4 120 516</b>	<b>4 363 512</b>	<b>490 198</b>	<b>519 295</b>
<b>LIABILITIES</b>				
Current Liabilities:				
Accounts payable	4 483 546	10 784 688	6 620 086	5 295 771
Current portion of long-term liabilities	-	-	1 880 000	1 845 000
Compensated absences	361 015	336 607	38 046	34 963
Accrued interest payable	-	-	90 605	91 701
Accrued liabilities	184 374	264 549	-	-
Due to TBP Joint Hydro Operations	-	-	-	-
Due to other funds	4 553 610	979 624	-	-
<b>TOTAL CURRENT LIABILITIES</b>	<b>9 582 545</b>	<b>12 365 468</b>	<b>8 628 737</b>	<b>7 267 435</b>
Noncurrent Liabilities:				
TWDB SWIFT bonds	-	-	70 045 000	71 925 000
Net obligation for post-employment benefits	34 848 712	34 085 280	4 172 877	3 878 031
Compensated absences	541 522	504 910	57 070	52 444
Unearned revenue	16 475 860	25 370 006	-	-
<b>TOTAL NONCURRENT LIABILITIES</b>	<b>51 866 094</b>	<b>59 960 196</b>	<b>74 274 947</b>	<b>75 855 475</b>
<b>TOTAL LIABILITIES</b>	<b>61 448 639</b>	<b>72 325 664</b>	<b>82 903 684</b>	<b>83 122 910</b>
Deferred Inflows:				
Deferred inflow - OPEB	1 567 526	506 496	195 986	68 935
<b>TOTAL DEFERRED INFLOWS</b>	<b>1 567 526</b>	<b>506 496</b>	<b>195 986</b>	<b>68 935</b>
Net Position:				
Net investment in capital assets	180 006 509	172 870 339	9 999 534	(11 375 213)
Restricted for debt service	-	-	2 074 560	1 308 982
Designated by Board Directive	22 741 714	24 899 017	-	-
Unrestricted	14 011 284	10 718 959	1 982 978	21 592 124
<b>TOTAL NET POSITION</b>	<b>\$ 216 759 507</b>	<b>\$ 208 488 315</b>	<b>\$ 14 057 072</b>	<b>\$ 11 525 893</b>

The accompanying notes are an integral part of these financial statements.

		TOTAL	
		2021	2020
\$	14 511 609	\$	31 098 728
	26 678 031		32 068 724
	3 000 523		3 006 279
	1 516 928		1 742 141
	4 553 610		979 624
	256 522		281 664
	619 638		457 790
	3 282 686		3 282 686
	<u>54 419 547</u>		<u>72 917 636</u>
	24 816 274		26 207 999
	34 437 522		40 047 331
	55 114 026		55 024 538
	140 187 718		140 170 064
	44 878 601		44 885 012
	12 421 583		11 386 705
	11 852 385		11 565 999
	94 408 586		65 524 097
	(100 214 542)		(96 573 975)
	<u>258 648 357</u>		<u>231 982 440</u>
	<u>317 902 153</u>		<u>298 237 770</u>
	<u>372 321 700</u>		<u>371 155 406</u>
	4 610 714		4 882 807
	<u>4 610 714</u>		<u>4 882 807</u>
	11 103 632		16 080 459
	1 880 000		1 845 000
	399 061		371 570
	90 605		91 701
	184 374		264 549
	-		-
	4 553 610		979 624
	<u>18 211 282</u>		<u>19 632 903</u>
	70 045 000		71 925 000
	39 021 589		37 963 311
	598 592		557 354
	16 475 860		25 370 006
	<u>126 141 041</u>		<u>135 815 671</u>
	<u>144 352 323</u>		<u>155 448 574</u>
	1 763 512		575 431
	<u>1 763 512</u>		<u>575 431</u>
	190 006 043		161 495 126
	2 074 560		1 308 982
	22 741 714		24 899 017
	15 994 262		32 311 083
\$	<u>230 816 579</u>	\$	<u>220 014 208</u>

SABINE RIVER AUTHORITY OF TEXAS  
 STATEMENTS OF REVENUES, EXPENSES  
 AND CHANGES IN NET POSITION  
 For the Fiscal Years Ended August 31, 2021 and 2020

	OPERATIONS		GULF COAST	
	2021	2020	2021	2020
Operating Revenues:				
Water sales	\$ 25 921 124	\$ 27 833 585	\$ 8 397 002	\$ 7 841 111
Power sales	7 052 597	3 665 956	-	-
Wastewater treatment	179 032	158 061	-	-
Permits	974 658	990 390	-	-
Water quality activity	882 158	746 473	-	-
Miscellaneous	414 121	698 576	29 156	303 771
TOTAL OPERATING REVENUES	<u>35 423 690</u>	<u>34 093 041</u>	<u>8 426 158</u>	<u>8 144 882</u>
Operating Expenses:				
Operation and maintenance	22 096 044	24 076 755	3 587 517	2 637 557
Depreciation	4 216 592	3 946 299	224 664	156 234
TOTAL OPERATING EXPENSES	<u>26 312 636</u>	<u>28 023 054</u>	<u>3 812 181</u>	<u>2 793 791</u>
OPERATING INCOME (LOSS)	<u>9 111 054</u>	<u>6 069 987</u>	<u>4 613 977</u>	<u>5 351 091</u>
Nonoperating Revenues (Expenses):				
Grant program	(1 248 934)	(342 700)	-	-
Gain from disposition of capital assets	2 689	113 799	-	-
Investment income	406 383	1 411 504	28	953 255
Interest expense	-	-	(2 082 826)	(2 005 974)
TOTAL NONOPERATING REVENUES (EXPENSES)	<u>(839 862)</u>	<u>1 182 603</u>	<u>(2 082 798)</u>	<u>(1 052 719)</u>
INCOME (LOSS) BEFORE TRANSFERS	<u>8 271 192</u>	<u>7 252 590</u>	<u>2 531 179</u>	<u>4 298 372</u>
Transfer in (out)	<u>-</u>	<u>(125 083)</u>	<u>-</u>	<u>125 083</u>
CHANGE IN NET POSITION	<u>8 271 192</u>	<u>7 127 507</u>	<u>2 531 179</u>	<u>4 423 455</u>
Total net position, beginning	<u>208 488 315</u>	<u>201 360 808</u>	<u>11 525 893</u>	<u>7 102 438</u>
TOTAL NET POSITION, ENDING	<u>\$ 216 759 507</u>	<u>\$ 208 488 315</u>	<u>\$ 14 057 072</u>	<u>\$ 11 525 893</u>

The accompanying notes are an integral part of these financial statements.

TOTAL	
2021	2020
\$ 34 318 126	\$ 35 674 696
7 052 597	3 665 956
179 032	158 061
974 658	990 390
882 158	746 473
443 277	1 002 347
<u>43 849 848</u>	<u>42 237 923</u>
25 683 561	26 714 312
4 441 256	4 102 533
<u>30 124 817</u>	<u>30 816 845</u>
13 725 031	11 421 078
(1 248 934)	(342 700)
2 689	113 799
406 411	2 364 759
<u>(2 082 826)</u>	<u>(2 005 974)</u>
<u>(2 922 660)</u>	<u>129 884</u>
10 802 371	11 550 962
-	-
10 802 371	11 550 962
<u>220 014 208</u>	<u>208 463 246</u>
\$ <u>230 816 579</u>	\$ <u>220 014 208</u>

**SABINE RIVER AUTHORITY OF TEXAS**  
**STATEMENTS OF CASH FLOWS**  
For the Years Ended August 31, 2021 and 2020

	OPERATIONS		GULF COAST	
	2021	2020	2021	2020
<b>Cash Flows from Operating Activities:</b>				
Receipts from customers	\$ 26 179 446	\$ 26 898 773	\$ 8 367 891	\$ 7 898 699
Payments to suppliers	(23 025 952)	(20 367 408)	(5 072 003)	(3 295 266)
Payments to employees	(3 484 779)	(2 299 235)	(633 197)	(825 619)
Other receipts	414 121	698 576	-	-
<b>NET CASH PROVIDED BY OPERATING ACTIVITIES</b>	<b>82 836</b>	<b>4 930 706</b>	<b>2 662 691</b>	<b>3 777 814</b>
<b>Cash Flows from Noncapital and Related Financing Activities:</b>				
Change in due to/from funds	3 573 986	8 093 542	(3 573 986)	(8 093 542)
Grants	(1 248 934)	(342 700)	-	-
<b>NET CASH PROVIDED (USED) BY NONCAPITAL AND RELATED FINANCING ACTIVITIES</b>	<b>2 325 052</b>	<b>7 750 842</b>	<b>(3 573 986)</b>	<b>(8 093 542)</b>
<b>Cash Flows from Capital and Related Financing Activities:</b>				
Purchases of capital assets	(11 350 073)	(23 844 910)	(15 853 710)	(29 709 876)
Disposal of capital assets	-	(27 662)	-	96 094
Proceeds from debt issuance	-	-	-	48 345 406
Principal paid on capital debt	-	-	(1 845 000)	(1 230 000)
Interest paid on capital debt	-	-	(2 083 922)	(1 983 346)
<b>NET CASH PROVIDED (USED) BY CAPITAL AND RELATED FINANCING ACTIVITIES</b>	<b>(11 350 073)</b>	<b>(23 872 572)</b>	<b>(19 782 632)</b>	<b>15 518 278</b>
<b>Cash Flows from Investing Activities:</b>				
Net advances to TBPJO	225 213	(2 325 168)	-	-
Proceeds from sell of investments	18 506 564	33 251 935	-	-
Purchase of investments	(7 506 062)	(25 338 930)	-	-
Interest received	431 525	1 519 650	28	953 255
<b>NET CASH PROVIDED BY INVESTING ACTIVITIES</b>	<b>11 657 240</b>	<b>7 107 487</b>	<b>28</b>	<b>953 255</b>
<b>NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS</b>	<b>2 715 055</b>	<b>(4 083 537)</b>	<b>(20 693 899)</b>	<b>12 155 805</b>
Cash and cash equivalents, beginning	27 669 785	31 753 322	29 636 942	17 481 137
<b>CASH AND CASH EQUIVALENTS, ENDING</b>	<b>\$ 30 384 840</b>	<b>\$ 27 669 785</b>	<b>\$ 8 943 043</b>	<b>\$ 29 636 942</b>
<b>Reconciliation of Operating Income to Net Cash Provided by Operating Activities:</b>				
Operating income (loss)	\$ 9 111 054	\$ 6 069 987	\$ 4 613 977	\$ 5 351 091
<b>Noncash Items Included in Operating Income:</b>				
Depreciation	4 216 592	3 946 299	224 664	156 234
<b>Changes in Assets and Liabilities:</b>				
(Increase) decrease in accounts receivable	64 023	1 432 048	(58 267)	(246 183)
(Increase) decrease in deferred outflows	242 996	365 410	29 097	41 574
(Increase) decrease in other assets	(161 848)	(62 432)	-	-
Increase (decrease) in accounts payable	(6 301 142)	(1 169 215)	(2 576 386)	(1 620 246)
Increase (decrease) in deferred inflows	1 061 030	(187 748)	127 051	(21 361)
Increase (decrease) in accrued and other liabilities	(80 175)	17 817	-	-
Increase (decrease) in unearned revenue	(8 894 146)	(7 927 740)	-	-
Increase (decrease) in compensated absences	61 020	182 004	7 709	12 768
Increase in net obligation for post-employment benefits	763 432	2 264 276	294 846	103 937
<b>NET CASH PROVIDED BY OPERATING ACTIVITIES</b>	<b>\$ 82 836</b>	<b>\$ 4 930 706</b>	<b>\$ 2 662 691</b>	<b>\$ 3 777 814</b>
<b>Noncash Capital, Financing, and Investing Activities:</b>				
(Loss) gain from disposition of assets	\$ 2 689	\$ 113 799	\$ -	\$ -
Transfer of capital assets	-	(125 083)	-	125 083
Accrual of construction payables and retainage	-	-	3 900 701	6 881 611

The accompanying notes are an integral part of these financial statements.

		TOTAL	
		2021	2020
\$	34 547 337	\$	34 797 472
	(28 097 955)		(23 662 674)
	(4 117 976)		(3 124 854)
	414 121		698 576
	<u>2 745 527</u>		<u>8 708 520</u>
	-		-
	<u>(1 248 934)</u>		<u>(342 700)</u>
	<u>(1 248 934)</u>		<u>(342 700)</u>
	(27 203 783)		(53 554 786)
	-		68 432
	-		48 345 406
	(1 845 000)		(1 230 000)
	<u>(2 083 922)</u>		<u>(1 983 346)</u>
	<u>(31 132 705)</u>		<u>(8 354 294)</u>
	225 213		(2 325 168)
	18 506 564		33 251 935
	(7 506 062)		(25 338 930)
	431 553		2 472 905
	<u>11 657 268</u>		<u>8 060 742</u>
	(17 978 844)		8 072 268
	<u>57 306 727</u>		<u>49 234 459</u>
\$	<u>39 327 883</u>	\$	<u>57 306 727</u>
\$	13 725 031	\$	11 421 078
	4 441 256		4 102 533
	5 756		1 185 865
	272 093		406 984
	(161 848)		(62 432)
	(8 877 528)		(2 789 461)
	1 188 081		(209 109)
	(80 175)		17 817
	(8 894 146)		(7 927 740)
	68 729		194 772
	1 058 278		2 368 213
\$	<u>2 745 527</u>	\$	<u>8 708 520</u>
\$	<u>2 689</u>	\$	<u>113 799</u>
	-		-
\$	<u>3 900 701</u>	\$	<u>6 881 611</u>



#### NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The financial statements of the Sabine River Authority of Texas ("Authority") have been prepared in conformity with generally accepted accounting principles ("GAAP") as applied to governmental units. The Governmental Accounting Standards Board ("GASB") is the accepted standard-setting body for establishing governmental accounting and financial reporting principles. The Authority applies all GASB pronouncements as well as the Financial Accounting Standards Board pronouncements issued on or before November 30, 1989, unless those pronouncements conflict with or contradict GASB pronouncements. The more significant of the Authority's accounting policies are described below.

#### Reporting Entity:

The Sabine River Authority of Texas was created in 1949, pursuant to Vernon's Annotated Civil Statutes Article 8280-133, as a conservation and reclamation district. The Authority was determined to be necessary in accomplishing the provisions of Article XVI, Section 59 of the Texas Constitution and for the conservation, protection and development of the waters of the Sabine River. Responsibilities of the Authority include municipal, industrial and agricultural raw water supply; hydroelectric generation; water and wastewater treatment; water quality and pollution control activities; and recreation facilities.

Management has determined that there are no other entities that meet the criteria for inclusion in the Authority's reporting entity. The Authority is a separate self-supporting governmental unit with no taxing powers covering all or a portion of 21 counties in the Sabine Basin and is administered by a nine-member Board of Directors appointed by the Governor to six-year staggered terms. The Authority is not included in any other governmental reporting entity. The Authority is in compliance with the requirements of Texas Water Codes 49.191, Duty to Audit, and 49.199, Policies and Audits of Districts.

#### Fund Financial Statements:

GASB 34 requires special purpose governments engaged only in business-type activities to present only the financial statements required for Enterprise Funds. For these governments, basic financial statements and required supplementary information consist of a Management Discussion and Analysis ("MD&A"), Enterprise Fund financial statements, notes to financial statements and required supplementary information other than MD&A, if applicable.

Required fund financial statements include a Statement of Net Position, a Statement of Revenues, Expenses and Changes in Fund Net Position, and a Statement of Cash Flows.

The Authority reports the following major enterprise funds:

- The *Operations Enterprise Fund* accounts for the acquisition, operation and maintenance of Authority facilities and services.
- The *Gulf Coast Enterprise Fund* accounts for the acquisition, operation and maintenance of the Gulf Coast Division facilities and services.

#### Basis of Accounting:

The Authority's basic financial statements are presented as two major Enterprise Funds. These Enterprise Funds are accounted for on a flow of economic resources measurement focus. With this measurement focus, all assets, liabilities, and deferred inflows and outflows associated with the operation of the funds are included on the Statement of Net Position. The Enterprise Funds are accounted for using the accrual basis of accounting. Their revenue is recognized when it is earned, and its expenses are recognized when they are incurred.

The Authority distinguishes between operating and non-operating revenues and expenses consistently with the criteria used to identify cash flows from operating activities in the Statement of Cash Flows. Generally, the Authority classifies revenues generated from water sales, power sales, and related activities and services as operating revenues. Operation and maintenance and depreciation are classified as operating expenses. All other income and expenses, including investment income, interest expense, gain/loss on the sale of capital assets and impairment loss are considered non-operating activity.

#### Assets, Liabilities and Net Assets:

##### *Cash and Cash Equivalents*

Cash and cash equivalents are short-term highly liquid investments that are readily convertible to known amounts of cash and so near maturity that there is no significant risk of changes in value due to changes in interest rates. Cash equivalents include investments with original maturities of three months or less. Cash equivalents are stated at cost which approximates fair value.

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - CONTINUED

*Investments*

Investments with quoted fair values are carried at the reported sales price on the last day of the Authority's year and are recorded at fair value in the statement of net position. Certificates of deposit are stated at cost due to their short-term maturities. Investments in TexPool are stated at cost which approximates fair value. The change in the difference between fair value and cost of investments is reported as a component of investment income. All investments are in accordance with Texas Government Code, Title 10, Chapter 2256 (the Public Funds Investment Act).

*Accounts Receivable*

The Authority uses the direct charge off method to account for bad debts, directly expensing receivables which management deems uncollectible, or realizable at less than full value. This method provides results similar to the reserve method in all material respects. The Authority considers accounts receivable to be fully collectible; accordingly, no allowance for doubtful accounts is recorded.

*Interfund Balances*

Activity between funds that are representative of lending/borrowing arrangements outstanding at the end of the fiscal year are referred to as either "due to/from other funds" (i.e., the current portion of interfund loans) or "advance to/from other funds" (i.e., the noncurrent portion of interfund loans). All other outstanding balances between funds are reported as "due to/from other funds." The authority currently has no outstanding "advances to/from other funds".

*Capital Assets*

Capital assets are defined by the Authority as assets with an initial, individual cost of more than \$5,000 and an estimated useful life in excess of two years. Such assets are recorded at historical cost. Donated capital assets are recorded at acquisition cost, which is the price that would be paid to acquire an asset with equivalent service potential at the acquisition date. Depreciation is provided using the straight-line method at annual rates as follows:

Dams and electric plants	1.50%
Water and pumping plant	1.50 - 5.00%
Buildings	2.00 - 5.00%
Equipment	4.00 - 20.00%

The Authority capitalizes interest on major construction projects.

*Restricted Assets*

The restricted assets consist of bond reserve funds and sinking funds on various revenue bonds and funds designated by the Board of Directors. The bond reserve and sinking funds are segregated as required by certain bond indentures.

*Sick Leave and Vacation*

The Authority allows employees to accumulate sick leave and vacation. Pursuant to Governmental Accounting Standards Board pronouncements, the Authority does not accrue sick leave rights since these rights are nonvesting. The Authority does accrue vacation benefits in its financial statements in accordance with generally accepted accounting principles.

*Deferred Outflows/Inflows of Resources*

In addition to assets, the statement of financial position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, *deferred outflows of resources*, represents a consumption of net position that applies to a future period(s) and so will not be recognized as an outflow of resources (expense/expenditure) until then.

In addition to liabilities, the statement of financial position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, *deferred inflows of resources*, represents an acquisition of net position that applies to a future period(s) and so will not be recognized as an inflow of resources (revenue) until that time.

Subsequent Events:

Management has evaluated subsequent events through December 9, 2021 the date the financial statements were available to be issued.

## NOTE 2 - STEWARDSHIP, COMPLIANCE AND ACCOUNTABILITY

### Budgets and Budgetary Accounting:

The Authority prepares a budget in accordance with The Water Code, Chapter 49, Subchapter G, Section 49.199 for use in planning and controlling costs. The budget and any changes are approved by the Board of Directors. Appropriate sections of the budget are reviewed by the City of Dallas and the Toledo Bend Project Joint Operations Board.

### Rates and Regulations:

Water rates are established by the Authority's Board of Directors. These contracted rates can be appealed to the Texas Commission on Environmental Quality. On May 16, 2008, the Public Utility Commission of Texas (PUC) approved the Authority's request for registration as a power generation company pursuant to P.U.C. SUBST.R.25.109. As of August 31, 2021 and 2020, the rate was \$0.05400 and \$0.05400, respectively, per KWH.

### Other Post-Employment Benefits:

The Authority provides certain healthcare and insurance benefits to its employees after retirement, and accounts for the benefits in accordance with Government Accounting Standards Board Statement No. 75 *Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions* (see Note 3).

### Use of Estimates:

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenses during the reporting period. Accordingly, actual results could differ from those estimates.

## NOTE 3 - DETAILED NOTES ON ALL FUNDS

### Deposits and Investments:

*Interest Rate Risk.* In accordance with its investment policy, the Authority manages its exposure to declines in fair values by limiting the weighted average maturity of its investment portfolio to less than five years. Maximum allowable maturity shall be 10 years with the exception of investments made specifically to retire debt.

*Credit Risk.* The Texas Local Government Investment Pool (TexPool) is a public funds investment pool created pursuant to the Interlocal Cooperation Act of the State of Texas. The State Comptroller of Public Accounts exercises oversight responsibility over TexPool. Oversight includes the ability to significantly influence operations, designation of management and accountability for fiscal matters. An Advisory Board reviews the investment policy and management fee structure. TexPool is rated AAAM by Standard & Poors. As a requirement to maintain the rating, weekly portfolio information must be submitted to Standard & Poors, as well as the Office of the Comptroller of the Public Accounts for review.

TexPool operates in a manner consistent with the SEC's Rule 2a7 of the Investment Company Act of 1940. TexPool uses amortized cost rather than fair value to report net assets to compute share prices. Accordingly, the fair value of the position in TexPool is the same as the value of TexPool shares.

The Board of Directors has authorized the Authority to invest in compliance with V.A.T.C.S. Government Code, Title 10, Chapter 2256 (Public Funds Investment Act of 1993). Money in any fund may be placed in obligations of the United States or its instrumentalities; direct obligations of this state or its agencies; collateralized mortgage obligations directly issued by a federal agency or instrumentality of the United States, the underlying security for which is guaranteed by an agency or instrumentality of the United States; other obligations, the principal and interest of which are unconditionally guaranteed or insured by this state or the United States or its instrumentalities; and obligations of states, agencies, counties, cities, and other political subdivisions of any state rated as to investment quality by a nationally recognized investment rating firm not less than A or its equivalent, Certificates of Deposit and any other investment authorized in Chapter 2256. Accordingly, cash is invested in money market funds, certificates of deposit, or interest-bearing demand deposits and is stated at fair value.

*Custodial Credit Risk.* In the case of deposits, there is a risk that in the event of a bank failure, the Authority's deposits may not be returned to it. As of August 31, 2021, all of the Authority's Operating Fund and Gulf Coast Funds deposit balances of \$14,511,609 exceeding depository insurance limits were collateralized with securities pledged by the financial institutions in the Authority's name and held in safekeeping by a third party. Fair values of pledged securities are monitored on a monthly basis to assure that they are in excess of 100% of the carrying values.

SABINE RIVER AUTHORITY OF TEXAS  
NOTES TO FINANCIAL STATEMENTS - CONTINUED

**NOTE 3 - DETAILED NOTES ON ALL FUNDS**

The Entity categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; and Level 3 inputs are significant unobservable inputs. As of August 31, 2021, the District held the following fair value measurements:

	OPERATIONS		GULF COAST	
	2021	2020	2021	2020
Cash and Cash Equivalents:				
Cash - Deposits	\$ 7 643 126	\$ 2 770 768	\$ 6 868 483	\$ 28 327 960
TOTAL CASH AND CASH EQUIVALENTS	<u>7 643 126</u>	<u>2 770 768</u>	<u>6 868 483</u>	<u>28 327 960</u>
Investments:				
Investment pools	13 951	13 943	-	-
Debt securities	5 198 259	10 723 412	-	-
Certificates of deposit	21 465 821	21 331 369	-	-
TOTAL INVESTMENTS	<u>26 678 031</u>	<u>32 068 724</u>	<u>-</u>	<u>-</u>
Restricted Cash:				
Cash deposits	22 741 714	24 899 017	2 074 560	1 308 982
TOTAL RESTRICTED CASH	<u>22 741 714</u>	<u>24 899 017</u>	<u>2 074 560</u>	<u>1 308 982</u>
Restricted Investments:				
Debt securities	34 412 522	40 022 331	-	-
Certificates of deposit	25 000	25 000	-	-
TOTAL RESTRICTED INVESTMENTS	<u>34 437 522</u>	<u>40 047 331</u>	<u>-</u>	<u>-</u>
<b>TOTAL CASH AND CASH EQUIVALENTS AND INVESTMENTS</b>	<b>\$ <u>91 500 394</u></b>	<b>\$ <u>99 785 840</u></b>	<b>\$ <u>8 943 043</u></b>	<b>\$ <u>29 636 942</u></b>

	August 31, 2021	FAIR VALUE MEASUREMENT USING			WEIGHTED AVERAGE (DAYS)	CREDIT RATING
		LEVEL 1	LEVEL 2	LEVEL 3		
Investments Measured at Net Asset Value						
Per Share:						
TexPool Investment Pool	\$ 13 951	\$ 13 951	\$ -	\$ -		N/A
Investments by Fair Value Level:						
State and Municipal Bonds	1 066 809	1 066 809	-	-	1,741 days	N/A
U.S. Treasury Note	34 264 633	34 264 633	-	-	234 days	AA+
Federal Farm Credit Bank Bonds	2 968 050	2 968 050	-	-	2,770 days	AA+
Federal National Mortgage Assoc Bonds	-	-	-	-	N/A	N/A
Federal Home Loan Mortgage Corporation	147 889	147 889	-	-	775 days	AA+
Federal Home Loan Bank Bonds	1 163 400	1 163 400	-	-	2,044 days	AA+
TOTAL INVESTMENTS	<u>\$ 39 624 732</u>	<u>\$ 39 624 732</u>	<u>\$ -</u>	<u>\$ -</u>		

	August 31, 2020	FAIR VALUE MEASUREMENT USING			WEIGHTED AVERAGE (DAYS)	CREDIT RATING
		LEVEL 1	LEVEL 2	LEVEL 3		
Investments Measured at Net Asset Value						
Per Share:						
TexPool Investment Pool	\$ 13 943	\$ 13 943	\$ -	\$ -	30 days	N/A
Investments by Fair Value Level:						
State and Municipal Bonds	1 073 794	1 073 794	-	-	2,101 days	N/A
U.S. Treasury Note	38 617 993	38 617 993	-	-	378 days	AA+
Federal Farm Credit Bank Bonds	6 648 388	6 648 388	-	-	449 days	AA+
Federal National Mortgage Assoc Bonds	-	-	-	-	N/A	N/A
Federal Home Loan Mortgage Corporation	1 404 338	1 404 338	-	-	460 days	AA+
Federal Home Loan Bank Bonds	3 001 230	3 001 230	-	-	244 days	AA+
TOTAL INVESTMENTS	<u>\$ 50 759 686</u>	<u>\$ 50 759 686</u>	<u>\$ -</u>	<u>\$ -</u>		

SABINE RIVER AUTHORITY OF TEXAS  
NOTES TO FINANCIAL STATEMENTS - CONTINUED

**NOTE 3 - DETAILED NOTES ON ALL FUNDS - CONTINUED**

**Capital Assets:**

Capital asset activity for the Operations Fund for the year ended August 31, 2021 was as follows:

	BALANCE 08/31/2020	INCREASES	DECREASES	BALANCE 08/31/2021
Capital Assets Not Being Depreciated:				
Land	\$ 55 015 507	\$ 89 488	\$ -	\$ 55 104 995
Construction in progress	10 652 555	9 532 083	-	20 184 638
TOTAL CAPITAL ASSETS NOT BEING DEPRECIATED	<u>65 668 062</u>	<u>9 621 571</u>	<u>-</u>	<u>75 289 633</u>
Capital Assets Being Depreciated:				
Dams and electric plant	140 170 064	17 654	-	140 187 718
Water and pumping plant	40 141 080	-	-	40 141 080
Buildings	10 306 788	1 071 885	(35 038)	11 343 635
Equipment	9 328 361	638 963	(714 130)	9 253 194
TOTAL CAPITAL ASSETS BEING DEPRECIATED	<u>199 946 293</u>	<u>1 728 502</u>	<u>(749 168)</u>	<u>200 925 627</u>
Accumulated Depreciation:				
Dams and electric plant	(72 559 829)	(2 262 926)	65	(74 822 690)
Water and pumping plant	(8 927 693)	(1 086 133)	-	(10 013 826)
Buildings	(6 410 705)	(224 122)	39 814	(6 595 013)
Equipment	(4 845 789)	(643 411)	711 978	(4 777 222)
TOTAL ACCUMULATED DEPRECIATION	<u>(92 744 016)</u>	<u>(4 216 592)</u>	<u>751 857</u>	<u>(96 208 751)</u>
TOTAL CAPITAL ASSETS BEING DEPRECIATED, NET	<u>107 202 227</u>	<u>(2 488 090)</u>	<u>2 689</u>	<u>104 716 876</u>
TOTAL CAPITAL ASSETS	<u>\$ 172 870 339</u>	<u>\$ 7 133 481</u>	<u>\$ 2 689</u>	<u>\$ 180 006 509</u>

Capital asset activity for the Operations Fund for the year ended August 31, 2020 was as follows:

	BALANCE 08/31/2019	INCREASES	DECREASES	BALANCE 08/31/2020
Capital Assets Not Being Depreciated:				
Land	\$ 55 015 507	\$ -	\$ -	\$ 55 015 507
Construction in progress	5 053 815	5 903 592	(304 852)	10 652 555
TOTAL CAPITAL ASSETS NOT BEING DEPRECIATED	<u>60 069 322</u>	<u>5 903 592</u>	<u>(304 852)</u>	<u>65 668 062</u>
Capital Assets Being Depreciated:				
Dams and electric plant	138 996 664	1 173 400	-	140 170 064
Water and pumping plant	26 641 081	13 499 999	-	40 141 080
Buildings	9 032 357	1 274 431	-	10 306 788
Equipment	7 572 027	2 298 339	(542 005)	9 328 361
TOTAL CAPITAL ASSETS BEING DEPRECIATED	<u>182 242 129</u>	<u>18 246 169</u>	<u>(542 005)</u>	<u>199 946 293</u>
Accumulated Depreciation:				
Dams and electric plant	(70 314 569)	(2 245 260)	-	(72 559 829)
Water and pumping plant	(7 931 561)	(996 132)	-	(8 927 693)
Buildings	(6 198 235)	(212 470)	-	(6 410 705)
Equipment	(4 911 736)	(492 437)	558 384	(4 845 789)
TOTAL ACCUMULATED DEPRECIATION	<u>(89 356 101)</u>	<u>(3 946 299)</u>	<u>558 384</u>	<u>(92 744 016)</u>
TOTAL CAPITAL ASSETS BEING DEPRECIATED, NET	<u>92 886 028</u>	<u>14 299 870</u>	<u>16 379</u>	<u>107 202 227</u>
TOTAL CAPITAL ASSETS	<u>\$ 152 955 350</u>	<u>\$ 20 203 462</u>	<u>\$ (288 473)</u>	<u>\$ 172 870 339</u>

Capital asset activity for the Gulf Coast Fund for the year ended August 31, 2021 was as follows:

	BALANCE 08/31/2020	INCREASES	DECREASES	BALANCE 08/31/2021
Capital Assets, Not Being Depreciated:				
Land	\$ 9 031	\$ -	\$ -	\$ 9 031
Construction in progress	54 871 542	19 352 406	-	74 223 948
TOTAL CAPITAL ASSETS NOT BEING DEPRECIATED	<u>54 880 573</u>	<u>19 352 406</u>	<u>-</u>	<u>74 232 979</u>
Capital Assets, Being Depreciated:				
Water and pumping plant	4 743 932	-	(6 411)	4 737 521
Buildings	1 079 917	-	(1 969)	1 077 948
Equipment	2 237 638	402 005	(40 452)	2 599 191
TOTAL CAPITAL ASSETS BEING DEPRECIATED	<u>8 061 487</u>	<u>402 005</u>	<u>(48 832)</u>	<u>8 414 660</u>
Accumulated Depreciation:				
Water and pumping plant	(2 119 580)	(71 969)	6 412	(2 185 137)
Buildings	(684 509)	(33 172)	1 969	(715 712)
Equipment	(1 025 870)	(119 523)	40 451	(1 104 942)
TOTAL ACCUMULATED DEPRECIATION	<u>(3 829 959)</u>	<u>(224 664)</u>	<u>48 832</u>	<u>(4 005 791)</u>
TOTAL CAPITAL ASSETS BEING DEPRECIATED, NET	<u>4 231 528</u>	<u>177 341</u>	<u>-</u>	<u>4 408 869</u>
TOTAL CAPITAL ASSETS	<u>\$ 59 112 101</u>	<u>\$ 19 529 747</u>	<u>\$ -</u>	<u>\$ 78 641 848</u>

SABINE RIVER AUTHORITY OF TEXAS  
NOTES TO FINANCIAL STATEMENTS - CONTINUED

**NOTE 3 - DETAILED NOTES ON ALL FUNDS - CONTINUED**

Capital asset activity for the Gulf Coast Fund for the year ended August 31, 2020 was as follows:

	BALANCE 08/31/2019	INCREASES	DECREASES	BALANCE 08/31/2020
Capital Assets, Not Being Depreciated:				
Land	\$ 9 031	\$ -	\$ -	\$ 9 031
Construction in progress	19 545 919	35 325 623	-	54 871 542
TOTAL CAPITAL ASSETS NOT BEING DEPRECIATED	<u>19 554 950</u>	<u>35 325 623</u>	<u>-</u>	<u>54 880 573</u>
Capital Assets, Being Depreciated:				
Water and pumping plant	3 835 386	908 546	-	4 743 932
Buildings	1 041 917	38 000	-	1 079 917
Equipment	2 014 411	444 401	(221 174)	2 237 638
TOTAL CAPITAL ASSETS BEING DEPRECIATED	<u>6 891 714</u>	<u>1 390 947</u>	<u>(221 174)</u>	<u>8 061 487</u>
Accumulated Depreciation:				
Water and pumping plant	(2 059 345)	(60 235)	-	(2 119 580)
Buildings	(652 749)	(31 760)	-	(684 509)
Equipment	(1 086 711)	(64 239)	125 080	(1 025 870)
TOTAL ACCUMULATED DEPRECIATION	<u>(3 798 805)</u>	<u>(156 234)</u>	<u>125 080</u>	<u>(3 829 959)</u>
TOTAL CAPITAL ASSETS BEING DEPRECIATED, NET	<u>3 092 909</u>	<u>1 234 713</u>	<u>(96 094)</u>	<u>4 231 528</u>
TOTAL CAPITAL ASSETS	<u>\$ 22 647 859</u>	<u>\$ 36 560 336</u>	<u>\$ (96 094)</u>	<u>\$ 59 112 101</u>

**Interfund Receivables, Payables and Transfers**

The composition of interfund balances as of August 31, 2021 and 2020 are as follows:

YEAR	RECEIVABLE FUND	PAYABLE FUND	AMOUNT
2021	Gulf Coast Fund	Operations Fund	\$ 4 553 610
2020	Gulf Coast Fund	Operations Fund	\$ 979 624

Balances resulted from the time lag between the dates that 1) interfund goods and services are provided or reimbursable expenditures occur, 2) transactions are recorded in the accounting system, and 3) payments between funds are made.

In fiscal year 2020, transfers of \$125,083 on the Statement of Revenues, Expenses, and Changes in Net Position related to a non-cash transfer of capital assets.

**Self-Insurance:**

The Authority has established a medical self-insurance plan. The purpose of this plan is to pay the medical expenses of the Authority's employees and their covered dependents, and to minimize the total cost of medical insurance. Cost incurred to provide this plan was \$2,584,134 and \$2,420,685 for the years ended August 31, 2021 and 2020, respectively. Medical claims exceeding \$2,060,849 and \$2,088,291 for 2021 and 2020, respectively, for the group, or \$60,000 per covered individual, were covered through a commercial insurance carrier. The maximum amount of coverage offered through the commercial insurance carrier is \$2,000,000 for a specific incident or \$2,000,000 in the aggregate. The Authority has not exceeded its insurance coverage in the last three years.

Governmental Accounting Standards Board, Statement No. 10 requires that a liability for claims be reported if information prior to the issuance of the financial statements indicates that it is probable that a liability has been incurred at the date of the financial statements and the amount of loss can be reasonably estimated. Management has estimated this liability for claims incurred but not reported to be \$175,000, this is included in the accrued liabilities of the Statement of Net Position. As required by this statement, a reconciliation of claims liabilities is shown below:

Reconciliations of Claims Liabilities			
	2021	2020	
Claims on liabilities at September 1	\$ 175 000	\$ 175 000	
Incurred claims	2 132 621	2 416 068	
Payments on claims	(2 132 621)	(2 416 068)	
CLAIMS ON LIABILITIES AT AUGUST 31	<u>\$ 175 000</u>	<u>\$ 175 000</u>	

SABINE RIVER AUTHORITY OF TEXAS  
NOTES TO FINANCIAL STATEMENTS - CONTINUED

NOTE 3 - DETAILED NOTES ON ALL FUNDS - CONTINUED

Employee Benefits:

Pension Plan

The Authority has created the Sabine River Authority of Texas Employee Retirement Plan (Plan) by conforming to the requirements of Section 401(a) of the Internal Revenue Code for the exclusive use and benefit of the permanent employees of the Authority and their beneficiaries. The Plan is a qualified plan subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA), Tax Equity and Fiscal Responsibility Act of 1982, Tax Reform Act of 1984, and the Retirement Equity Act of 1984; and a letter of favorable determination has been received from the Internal Revenue Service relating to its qualification. The Plan is authorized by Article 8280-133 of Vernon's Texas Civil Statutes as amended. It is a defined contribution pension plan, whereby the Authority contributes an amount equal to 15% of the employees' compensation which is within the limitations as set out in Section 415(c) of the Internal Revenue Code. Full-time employees, after one year of service, are enrolled in the retirement plan, and the employees are fully vested after seven years. Benefits are based on the amounts accumulated from such contributions.

	ACTIVE MEMBER	RETIREE MEMBER	INACTIVE MEMBER	TOTAL
2021	96	25	14	135
2020	100	22	16	138
2019	95	15	21	131
2018	90	21	13	124

Retirement contribution costs, which are included in Statements of Revenues, Expenses, and Changes in Net Position in Operation and Maintenance Expenses, for the current year and two preceding years are as follows:

	EMPLOYER CONTRIBUTIONS REQUIRED	EMPLOYER CONTRIBUTIONS MADE	PERCENTAGE OF CONTRIBUTIONS MADE
2021	\$ 1 210 221	\$ 1 210 221	100%
2020	\$ 1 165 387	\$ 1 165 387	100%
2019	\$ 1 084 890	\$ 1 084 890	100%
2018	\$ 1 030 888	\$ 1 030 888	100%

Voluntary employee contributions totaled \$38,782 and \$25,604, and forfeitures of \$-0- and \$-0-, for the years ended August 31, 2021 and 2020, respectively.

Retirement contributions are deposited into each employee's individual account at Mission Square, previously ICMA-RC. Mission Square is a not-for-profit corporation that assists in the establishment and maintenance of retirement plans exclusively for State and Local government employees. Through Mission Square, each employee manages and invests the funds in their individual accounts.

SABINE RIVER AUTHORITY OF TEXAS  
NOTES TO FINANCIAL STATEMENTS - CONTINUED

NOTE 3 - DETAILED NOTES ON ALL FUNDS - CONTINUED

The asset allocation breakdown is as follows:

FUND	PERCENTAGE INVESTED	FUND BALANCE
MissionSquare PLUS Fund	21.92%	\$ 11 226 597
MissionSquare Retirement Inc Advantage	9.27%	4 746 845
MissionSquare Vantagepoint 500 Stk Idx	9.16%	4 690 314
Vantagepoint Growth	7.23%	3 700 935
MissionSquare Aggressive Ops	6.00%	3 074 173
MSQ Western Asset Core Plus Bnd	2.89%	1 480 736
Vantagepoint Milestone 2025	2.37%	1 216 391
MissionSquare Core Bnd Idx	3.14%	1 607 828
MissionSquare Brd Mkt Idx	3.15%	1 614 270
MissionSquare Ovrs Eq Idx	1.03%	527 145
MSQ T Rowe Price Growth Stock	2.22%	1 135 154
MissionSquare Equity Income	2.35%	1 201 553
Vantagepoint MP Lng-Trm Gr	2.13%	1 091 744
MSQ Cash Management	1.68%	859 176
MSQ Victory Sycamore Est Value	1.28%	654 127
MSQ Contrafund	1.41%	722 334
MSQ AMG TimesSquare Mid Cap Gr	<1%	130 383
Vantagepoint Milestone 2030	1.26%	645 348
VT Vantagepoint Discovery	<1%	213 629
MSQ Nuveen Real Est Sec	1.30%	668 313
Vantagepoint Growth & Income	<1%	407 196
MissionSquare Inflation Foc	1.39%	1 391 004
MissionSquare Mid/Sm Co Idx	<1%	709 749
MSQ Invesco Discovery	<1%	293 806
Vantagepoint MP Gbl Eq Gr	<1%	209 140
MissionSquare Ret Tgt Inc	<1%	144 883
MSQ PIMCO High Yield	1.05%	378 262
MissionSquare International	<1%	536 822
MSQ Puritan	<1%	434 541
MSQ Invesco Diversified Div	<1%	270 817
MSQ Invesco Main Street	<1%	355 393
Janus Henderson Forty	<1%	355 758
MSQ MFS Value	<1%	503 824
MissionSquare Ret Tgt 2040	<1%	189 232
MissionSquare Brokerage	<1%	308 078
T Rowe Price Ret 2030	<1%	264 553
Vantagepoint MP Trad Growth	<1%	123 521
Janus Henderson Enterprise	<1%	111 539
MissionSquare Select Value	<1%	164 544
Fidelity Money Market Govt	<1%	291 156
Fidelity Advisor Technology	<1%	149 145
iShares S&P 500 Index	<1%	242 947
MSQ Parnassus Core Equity	<1%	284 750
MissionSquare Emerging Markets	<1%	422 742
Other Funds w/less than \$100,000 (82 funds)		1 470 092
TOTAL ALL FUNDS		\$ <u>51 220 531</u>

Other Post-Employment Benefits:

*Plan Description and Funding Policy*

In addition to providing pension benefits, the Authority provides post-employment healthcare benefits, in accordance with federal and state statutes and Board resolution, to employees who attain retirement status. Full time employees hired before January 1, 2003 are eligible to receive retiree health care benefits upon reaching retirement status. Employees hired after January 1, 2003 are not eligible for postemployment health benefits. Employees are eligible for retirement status at age 65 or they may also attain early retirement status prior to age 65 provided that for each year of age prior to age 65, the employee shall have completed one year of service such that the employee's age plus years of service must equal 80. The Plan is a defined benefit plan and the cost for each employee is paid on a "pay-as-you-go" basis. The Authority pays the healthcare costs under its medical self-insurance plan described in Note 3. The Plan's provisions and funding requirements are established and can be amended by the Management of the Authority. The plan is a single employer plan.



SABINE RIVER AUTHORITY OF TEXAS  
NOTES TO FINANCIAL STATEMENTS - CONTINUED

NOTE 3 - DETAILED NOTES ON ALL FUNDS - CONTINUED

*Employees Covered by Benefit Terms*

At August 31, 2021, the following employees were covered by the benefit terms:

Inactive employees or beneficiaries currently receiving benefit payments	48
Inactive employees entitled to but not yet receiving benefit payments	-
Active employees	<u>57</u>
	<u>105</u>

The OPEB plan is only provided to employees hired prior to January 1, 2003.

*Total OPEB Liability*

The Authority's total OPEB liability of \$39,021,589 was measured as of August 31, 2021, and was determined by an actuarial valuation as of December 31, 2020. Update procedures were used to roll forward the total OPEB liability to August 31, 2021.

**Actuarial Assumptions and Methods**

<b>Valuation Date:</b>	December 31, 2020
<b>Methods and Assumptions:</b>	
Actuarial Cost Method	Individual Entry-Age Normal
Discount Rate	1.95% as of August 31, 2021
Inflation	2.50%
Salary Increases	3.50% to 12.00%, including inflation
Demographic Assumptions	Due to the size of the plan, the demographic assumptions are not based on formal experience studies. However, gains and losses are monitored during each valuation and adjustments are made to the retirement and withdrawal assumptions as needed.
Mortality	For healthy retirees, the gender-distinct RP-2000 Combined Healthy Mortality Tables are used with male rates set forward one year and no adjustment for female rates. The rates are projected to 2014 with Scale AA. For healthy retirees, the valuation employs fully generational mortality projections based on 110% of the ultimate rates of Scale MP-2014.
Healthcare Trend Rates	Pre 65 - Initial rate of 7.00% declining to an ultimate rate of 4.25% after 13 years. Post 65 - Initial rate of 5.30% declining to an ultimate rate of 4.25% after 11 years.
Participation Rates	It was assumed that 100% of eligible retirees would choose to receive retiree health care benefits through the employer.
<b>Other Information:</b>	
Notes	The discount rate changed from 2.33% as of August 31, 2020 to 1.95% as of August 31, 2021.

*Discount Rate*

For plans that do not have formal assets, the discount rate should equal the tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating as of the measurement date. For the purpose of this valuation, the municipal bond rate is 1.95% (based on the daily rate closest to but not later than the measurement date of the Fidelity "20-Year Municipal GO AA Index"). The discount rate was 2.33% as of the prior measurement date.

*Plan Assets*

There are no plan assets accumulated in a trust that meets the criteria in paragraph 4 of GASB Statement No. 75.

**Schedule of Changes in Total OPEB Liability and Related Ratios  
Fiscal Year Ending August 31, 2021**

Total OPEB Liability:	
Service cost	\$ 669 365
Interest on the total OPEB liability	882 908
Changes of benefit terms	-
Difference between expected and actual experience of the total OPEB liability	(2 005 700)
Changes of assumptions	2 321 635
Benefit payments	<u>(809 930)</u>
NET CHANGE IN TOTAL OPEB LIABILITY	1 058 278
Total OPEB liability - Beginning	<u>37 963 311</u>
TOTAL OPEB LIABILITY - ENDING	\$ <u>39 021 589</u>
Covered-employee payroll	\$ 4 729 742
Total OPEB liability as a percentage of covered-employee payroll	825.03%

The table above contains information for the RSI section of the financials. The ending total OPEB liability is as of August 31, 2021.

SABINE RIVER AUTHORITY OF TEXAS  
NOTES TO FINANCIAL STATEMENTS - CONTINUED

**NOTE 3 - DETAILED NOTES ON ALL FUNDS - CONTINUED**

Changes of assumptions reflect a change in the discount rate from 2.33% as of August 31, 2020 to 1.95% as of August 31, 2021. In addition, the healthcare trend assumption was adjusted to reflect the repeal of the "Cadillac Tax".

The benefit payments during the measurement period were determined as follows:

a. Fully insured Medicare Supplement	\$ 305 347
b. Retiree claims paid by the Authority	370 681
c. Stop-loss premiums	57 810
d. Administrative fees for retirees	11 443
e. Explicit employer costs for retiree life insurance benefits	20 425
f. Implicit subsidy for life insurance coverage*	44 224
TOTAL BENEFIT PAYMENTS	\$ 809 930

\*The implicit subsidy for the life insurance coverage is estimated by GRS.

*Sensitivity of Total OPEB Liability to the Discount Rate Assumption*

Regarding the sensitivity of the total OPEB liability to changes in the discount rate, the following presents the plan's total OPEB liability, calculated using a discount rate of 1.95%, as well as what the plan's total OPEB liability would be if it were calculated using a discount rate that is one percent lower or one percent higher:

	1% Decrease	Current Discount Rate Assumption	1% Increase
	0.95%	1.95%	2.95%
\$ 46 208 854	\$ 39 021 589	\$ 33 314 668	

*Sensitivity of Total OPEB Liability to the Health Care Cost Trend Rate Assumption*

Regarding the sensitivity of the total OPEB liability to changes in the health care cost trend rates, the following presents the plan's total OPEB liability, calculated using the assumed trend rates as well as what the plan's total OPEB liability would be if it were calculated using a trend rate that is one percent lower or one percent higher:

	1% Decrease	Current Healthcare Cost Trend Rate Assumption	1% Increase
\$ 33 504 377	\$ 39 021 589	\$ 46 110 465	

*Recognition of Deferred Outflows and Deferred Inflows of Resources*

Differences between expected and actual experience and changes in assumptions are recognized in OPEB expense using a systematic and rational method over a closed period equal to the average of the expected remaining service lives of all employees that are provided with OPEB through the OPEB plan (active employees and inactive employees) determined as of the beginning of the measurement period.

At the beginning of the current measurement period, the expected remaining service lives of all active employees in the plan was approximately 394 years. Additionally, the total plan membership (active employees and inactive employees) was 105. As a result, the average of the expected remaining service lives for purposes of recognizing the applicable deferred outflows and inflows of resources established in the current measurement period is 3.7510 years.

**Statement of Outflows and Inflows Arising from Current Reporting Period**

DUE TO LIABILITIES	RECOGNITION PERIOD (OR AMORTIZATION YEARS)	TOTAL (INFLOW) OR OUTFLOW	RECOGNIZED IN CURRENT OPEB EXPENSE	DEFERRED (INFLOW) OR OUTFLOW IN FUTURE EXPENSE
Differences in expected and actual experience	3.7510	\$ (2 005 700)	\$ (534 711)	\$ (1 470 989)
Assumption changes	3.7510	2 321 635	618 938	1 702 697
TOTAL		\$ 315 935	\$ 84 227	\$ 231 708

This table is provided to document sources of the new deferred inflows and outflows resulting from the current reporting year. The table is not a required disclosure. The required disclosures regarding deferred inflows and outflows of resources related to OPEB are shown on the following page.

SABINE RIVER AUTHORITY OF TEXAS  
NOTES TO FINANCIAL STATEMENTS - CONTINUED

NOTE 3 - DETAILED NOTES ON ALL FUNDS - CONTINUED

**Statement of OPEB Expense under GASB Statement No. 75  
Fiscal Year Ended August 31, 2021**

Service cost	\$ 669 365
Interest on the total OPEB liability	882 908
Recognition of current year outflow/(inflow) due to liabilities	84 227
Amortization of prior year outflow/(inflow) due to liabilities	<u>1 691 882</u>
TOTAL OPEB EXPENSE	<u>\$ 3 328 382</u>

**Deferred Outflows and Deferred Inflows Related to OPEB**

	DEFERRED OUTFLOWS OF RESOURCES	DEFERRED INFLOWS OF RESOURCES
Difference between expected and actual experience	\$ 244 738	\$ 1 535 727
Changes in assumptions	<u>4 365 976</u>	<u>227 785</u>
TOTAL	<u>\$ 4 610 714</u>	<u>\$ 1 763 512</u>

Because the measurement date of the total OPEB liability is equal to the last day of the employer's fiscal year, there is no deferred outflow related to the contribution made at the measurement date.

**Deferred Outflows and Deferred Inflows to be Recognized in Future OPEB Expense**

YEAR ENDING AUGUST 31,	NET DEFERRED OUTFLOWS/ (INFLOWS)
2022	\$ 1 788 654
2023	895 147
2024	163 401
2025	-
2026	-
Thereafter	-
TOTAL	<u>\$ 2 847 202</u>

Long-Term Liabilities:

Outstanding long-term liabilities as of 2021 consist of the following (in thousands):

	Date of Issue	Date of Maturity	Interest Rates	Original Amount	Out- standing August 31, 2020	Added	Retired	Out- standing August 31, 2021	Current Portion
Operations Fund: Compensated absences	-	-	-	\$ -	\$ 842	\$ 61	\$ -	\$ 903	\$ 361
Gulf Coast Fund: Series 2017	2017	2047	1.50-3.01%	\$ 18 825	18 345	-	(490)	17 855	495
Series 2018	2018	2048	2.40-3.51%	\$ 33 310	32 560	-	(765)	31 795	785
Series 2019	2019	2049	1.54-2.58%	\$ 22 865	22 865	-	(590)	22 275	600
Compensated absences	-	-	-	\$ -	87	494	(86)	95	38
TOTAL					<u>\$ 74 699</u>	<u>\$ 555</u>	<u>\$ (1 931)</u>	<u>\$ 72 923</u>	<u>\$ 2 279</u>

During the year, the Authority drew \$22,865,000 of the Gulf Coast Fund Series 2019 Bond.

Outstanding long-term liabilities as of 2020 consist of the following (in thousands):

	Date of Issue	Date of Maturity	Interest Rates	Original Amount	Out- standing August 31, 2019	Added	Retired	Out- standing August 31, 2020	Current Portion
Operations Fund: Compensated absences	-	-	-	\$ -	\$ 659	\$ 183	\$ -	\$ 842	\$ 337
Gulf Coast Fund: Series 2017	2017	2047	1.50-3.01%	\$ 18 825	18 825	-	(480)	18 345	490
Series 2018	2018	2048	2.40-3.31%	\$ 33 310	33 310	-	(750)	32 560	765
Series 2019	2019	2049	1.54-2.58%	\$ 22 865	-	22 865	-	22 865	590
Compensated absences	-	-	-	\$ -	74	490	(477)	87	35
TOTAL					<u>\$ 52 868</u>	<u>\$ 23 538</u>	<u>\$ (1 707)</u>	<u>\$ 74 699</u>	<u>\$ 2 217</u>

During the year, the Authority drew \$14,339,320 of the \$18,825,000 Gulf Coast Fund Series 2017 Bond and \$7,562,588 of the Gulf Coast Series 2018, leaving additional proceeds in TWDB escrow.

SABINE RIVER AUTHORITY OF TEXAS  
NOTES TO FINANCIAL STATEMENTS - CONTINUED

NOTE 3 - DETAILED NOTES ON ALL FUNDS - CONTINUED

Future debt service requirements are as follows:

<u>YEAR ENDED AUGUST 31,</u>	<u>OUTSTANDING LONG-TERM DEBT</u>		
	<u>PRINCIPAL</u>	<u>INTEREST</u>	<u>TOTAL</u>
2022	\$ 1 880 000	\$ 2 047 528	\$ 3 927 528
2023	1 920 000	2 009 076	3 929 076
2024	1 960 000	1 968 176	3 928 176
2025	2 000 000	1 924 382	3 924 382
2026	2 045 000	1 877 998	3 922 998
2027 - 2031	10 980 000	8 603 150	19 583 150
2032 - 2036	12 510 000	7 034 215	19 544 215
2037 - 2041	14 410 000	5 073 324	19 483 324
2042 - 2046	16 715 000	2 735 686	19 450 686
2047 - 2050	7 505 000	401 474	7 906 474
TOTAL	\$ 71 925 000	\$ 33 675 009	\$ 105 600 009

The various bond indentures, resolutions and agreements provide for the establishment of separate restricted accounts for debt service. The required accounts have been established on the books of the Authority and are reported as restricted assets in the financial statements

Gulf Coast Fund Bonds:

The water supply system revenue bond order with the Texas Water Development Board requires the maintenance of escrow accounts regarding the obligations of the 2017, 2018, and 2019 series bonds. The escrow accounts are to be maintained at a bank on behalf of the Authority and TWDB and shall not be commingled with any other accounts or with any other proceeds or funds. The escrowed funds are held for the purpose of capital construction projects of the Gulf Coast Division and amounts shall be disbursed in accordance with the bond order and solely upon written authorization from the TWDB. The funds in escrow are to be held in an authorized institution and invested in accordance with the Texas Public Funds Investment Act. The escrowed funds amounted to \$3,282,686 at August 31, 2021 and 2020, and are included in other assets on the accompanying statements of net position.

During fiscal year 2020, the Authority issued the Sabine River Authority of Texas Gulf Coast Division Water Supply System Revenue Bonds, Taxable Series 2019, for \$22,865,000 to be repaid over 30 years with interest of 1.54 to 2.58%. The Authority drew \$19,484,570 from escrow funds in the year ended August 31, 2020, and the entire bond issue has been fully utilized.

During fiscal year 2019, the Authority issued the Sabine River Authority of Texas Gulf Coast Division Water Supply System Revenue Bonds, Taxable Series 2018, for \$33,310,000 to be repaid over 30 years with interest of 2.40 to 3.51%. In the years ended August 31, 2021 and 2020, the Authority drew \$25,747,413 and \$7,562,588 from escrow funds in each period respectively. The bond commitment has been fully utilized as of August 31, 2020.

During fiscal year 2018, the Authority issued the Sabine River Authority of Texas Gulf Coast Division Water Supply System Revenue Bonds, Taxable Series 2017, for \$18,825,000 to be repaid over 30 years with interest of 1.5 to 3.01%. As of August 31, 2021 and 2020, the Authority has drawn \$-0- and \$3,015,680 from escrow funds in each period respectively. The bond commitment has been fully utilized as of August 31, 2021.

Commitments and Contingencies:

TWDB Loan:

During 2018, the Authority was notified by the TWDB that funds loaned during the 1992 Trans-Texas Water Program of \$1,440,000 would be due and payable in 2025. The Authority became involved in the Trans-Texas Water Program, which through multiple phases designed to develop a plan to transport water from East to West Texas. The Program involved numerous participants, including the Authority, the TWDB, City of Houston, and several other water authorities being the primary participants. Phase 1 of the plan involved conceptual planning and program formulation by utilizing existing water studies on the region to determine water needs and resources available to meet such demands. Phase 2 of the plan involved a feasibility study for a potential project construction to satisfy regional water needs based on 50 year projections.

SABINE RIVER AUTHORITY OF TEXAS  
NOTES TO FINANCIAL STATEMENTS - CONTINUED

NOTE 3 - DETAILED NOTES ON ALL FUNDS - CONTINUED

The TWDB contributed \$700,000 to fund the \$1.1 million budget for Phase 1, with the Authority funding the remaining \$400,000 portion. The agreements with TWDB cite the \$700,000 will be considered an additional operating cost associated with the TWDB's ownership to be repaid by the Authority to TWDB along with the 1964 bonds. The TWDB also contributed \$740,000 to fund the \$2.385 million budget for Phase 2, along with a grant of \$1.2 million (not requiring repayment). The Authority was tasked by TWDB to secure matching funds for the \$740,000 from City of Houston, Brazos River Authority, and Lower Neches River Authority. These funds, according to the agreement with TWDB, along with local agreements separately signed with City of Houston, Brazos River Authority, and Lower Neches River Authority, would provide the Authority with the funds necessary to repay TWDB should the Trans-Texas Water Program not result in a project to be constructed via funding from a bond issuance of at least \$30 million within 30 years from the agreement. Funding from each party per the agreements is as follows: City of Houston - \$576,680, Brazos River Authority - \$84,700, and Lower Neches River Authority - \$78,620 (Total \$740,000).

The Authority contends that the TWDB loan of \$1,440,000 is not owed by the Authority itself and is working with TWDB to formally resolve and dispose the matter. Based on research into the matter as well as discussions with TWDB to date, the Authority's management believes that it is more likely than not that the loan will not have to be repaid by the Authority. Therefore, no liability has been recorded at this time pending further investigation by both parties.

Construction:

The Authority has various ongoing construction contracts for several projects as of August 31, 2021.

Other Uncertainties - COVID-19 Pandemic Response Impact:

A novel strain of coronavirus (COVID-19) was spread to the United States of America in January and February 2020. The World Health Organization declared the outbreak to constitute a pandemic. The COVID-19 outbreak is disrupting supply chains and affecting production and sales across a range of industries. The extent of the impact of COVID-19 on the Authority's operational and financial performance will depend on certain developments, including the duration and spread of the outbreak and impact on our customers, employees and vendors all of which are uncertain and cannot be predicted. As of the date these financial statements are issued, COVID-19 had not materially affected results of operations in 2021. However, the impact of response efforts on future operations cannot be predicted.

Pollution Control Bonds:

In conformity with the State of Texas Auditors' Report dated October 6, 1986, Pollution Control Bonds have been removed from the Statement of Net Position and are disclosed instead in the Notes to Financial Statements. The Attorney General has ruled that the Authority is not liable for any of the following bonds:

SABINE RIVER AUTHORITY OF TEXAS  
NOTES TO FINANCIAL STATEMENTS - CONTINUED

NOTE 3 - DETAILED NOTES ON ALL FUNDS - CONTINUED

	Date of Issue	Date of Maturity	Interest Rate	Amount Authorized And Issued	Cumulative Amount Retired	Balance August 31, 2021
Texas Utilities Electric Company:						
Series 2000A - Construction of solid waste disposal facility at the Martin Lake Station in Rusk County.	2000	2021	6.45%	\$ 51 000 000	\$ -	\$ 51 000 000
Series 2001A - Construction and improvement of a solid waste disposal facility and air and water pollution control at the Martin Lake and Monticello Stations in Rusk and Titus Counties, Texas.	2001	2022	5.50%	91 460 000	-	91 460 000
Series 2001B - Construction and improvement of a solid waste disposal facility and air and water pollution control at the Martin Lake and Monticello Stations in Rusk and Titus Counties, Texas.	2001	2030	5.55%	106 900 000	-	106 900 000
Series 2001C - Construction and improvement of a solid waste disposal facility and air and water pollution control at the Martin Lake and Monticello Stations in Rusk and Titus Counties, Texas.	2001	2028	5.20%	70 000 000	-	70 000 000
Series 2003A - Construction and improvement of a solid waste disposal facility and air and water pollution control at the Martin Lake and Monticello Stations in Rusk and Titus Counties, Texas.	2003	2022	5.80%	12 390 000	-	12 390 000
Series 2003B - Construction and improvement of a solid waste disposal facility and air and water pollution control at the Martin Lake and Monticello Stations in Rusk and Titus Counties, Texas.	2003	2036	Flexible	44 615 000	-	44 615 000
American Electric Power:						
Series 2006 - Construction and improvements of air and water pollution control including solid waste disposal facilities at the generating plant in Harrison County, Texas.	2006	2018	Variable	81 700 000	-	81 700 000
TOTAL				\$ 458 065 000	\$ -	\$ 458 065 000

Concentrations:

During the years ended August 31, 2021 and 2020, respectively, approximately 51.9% and 57.4% of water sales were to Dallas Water Utilities. The agreement for water sales for Lake Tawakoni is in perpetuity while the Lake Fork agreement remained in effect until 2015. On October 19, 2017, settlement documents were executed for the Lake Fork contract with a renewal period of 40 years.

Joint Operations:

The Authority has a 50% interest in the Toledo Bend Project Joint Operation (TBPJO). The TBPJO is a joint operation between the Sabine River Authority of Texas and Sabine River Authority, State of Louisiana, and was established by joint resolution of the Texas and Louisiana Sabine River Authority in 1955. TBPJO was formed for the purpose of constructing the dam, reservoir, structures, and hydroelectric generating station at Toledo Bend Reservoir. The operation is administered by an Operating Board composed of three members appointed by the Texas Authority and three members appointed by the Louisiana Authority. Sabine River Authority of Texas is responsible for administration of the reservoir and the Texas shoreline. Sabine River Authority, State of Louisiana is responsible for engineering aspects and the Louisiana shoreline.

The Authority's investment in the net assets of the TBPJO is reflected on the Authority's financial statements as capital assets and investments. Capital contributions are made by the Authority to TBPJO to cover operating costs; the contributions are reflected on the Authority's financial statements as operating expenses.

The audited financial statements of TBPJO are on file at the administrative offices of Sabine River Authority of Texas.

REQUIRED SUPPLEMENTARY INFORMATION

SABINE RIVER AUTHORITY OF TEXAS  
 REQUIRED SUPPLEMENTARY INFORMATION  
 SCHEDULE OF CHANGES IN TOTAL OPEB LIABILITY AND RELATED RATIOS  
 Last Ten Years Ending August 31, \*

	<u>2021</u>	<u>2020</u>	<u>2019</u>
Total OPEB Liability:			
Service cost	\$ 669 365	\$ 608 656	\$ 428 536
Interest on the total OPEB liability	882 908	935 347	1 021 391
Changes of benefit terms	-	-	-
Difference between expected and actual experience of the total OPEB liability	(2 005 700)	(73 799)	815 050
Changes of assumptions	2 321 635	1 567 806	6 083 853
Benefit payments	(809 930)	(669 797)	(438 847)
NET CHANGE IN TOTAL OPEB LIABILITY	<u>1 058 278</u>	<u>2 368 213</u>	<u>7 909 983</u>
Total OPEB liability - Beginning	37 963 311	35 595 098	27 685 115
TOTAL OPEB LIABILITY - ENDING	<u>\$ 39 021 589</u>	<u>\$ 37 963 311</u>	<u>\$ 35 595 098</u>
OPEB Fiduciary Net Position (Plan Assets)	\$ -	\$ -	\$ -
Covered-employee payroll	\$ 4 729 742	\$ 4 712 240	\$ 4 779 760
Total OPEB liability as a percentage of covered-employee payroll	825.03%	805.63%	744.70%
OPEB Fiduciary Net Position as a percentage of total OPEB liability	0.00%	0.00%	0.00%

Changes of assumptions reflect a change in the discount rate from 2.33% as of August 31, 2020 to 1.95% as of August 31, 2021.

The benefit payments during the measurement period were determined as follows:

	<u>2021</u>	<u>2020</u>	<u>2019</u>
a. Retiree claims paid by the Authority	\$ 370 681	\$ 318 857	\$ 65 262
b. Employer costs for retiree life insurance benefits	20 425	18 423	17 209
c. Fully insured Medicare Supplement	305 347	275 549	264 054
d. Administrative fees for retirees	11 443	2 741	9 896
e. Stop-loss premiums	57 810	8 602	44 402
f. Stop-loss reimbursements	-	-	-
g. Implicit subsidy for life insurance coverage	44 224	45 625	38 024
TOTAL BENEFIT PAYMENTS	<u>\$ 809 930</u>	<u>\$ 669 797</u>	<u>\$ 438 847</u>

No assets are held in a separate trust for the OPEB plan.

\* This schedule illustrates the requirement to show information for 10 years. However, until a full 10 year trend is compiled, this schedule provides information only for those years for which information is available.

See independent auditors' report.



SUPPLEMENTARY INFORMATION

SABINE RIVER AUTHORITY OF TEXAS  
SCHEDULE OF INSURANCE IN FORCE  
August 31, 2021  
(Unaudited)

Name of Company	Policy Number	Policy Period	Details of Coverage	Liability Limits	Annual Premium
Texas Water Conservation Association Risk Management Fund	022	07/01/21 - 07/01/22	General Liability	\$ 1 000 000	\$ 30 302
Texas Water Conservation Association Risk Management Fund	022	07/01/21 - 07/01/22	Automobile Liability	1 000 000	23 822
Texas Water Conservation Association Risk Management Fund	022	07/01/21 - 07/01/22	Auto Physical Damage	Scheduled	47 821
Texas Water Conservation Association Risk Management Fund	022	07/01/21 - 07/01/22	Property	10 814 341	181 442
Texas Water Conservation Association Risk Management Fund	022	07/01/21 - 07/01/22	Errors and Omissions	1 000 000	22 039
Texas Water Conservation Association Risk Management Fund	022	07/01/21 - 07/01/22	Excess Liability	9 000 000	14 235
Zurich American Insurance Company	GTU6548008	07/01/21 - 07/01/22	Travel Accident	500 000	1 000
Travelers Casualty & Surety Co.	105648039	07/01/21 - 07/01/22	Blanket Public Official Bond	1 000	100
Travelers Lloyd's Insurance Company	QT6608076X977	07/01/21 - 07/01/22	Lake Ford dam, watercraft radio tower, and base station, and Kilgore/Henderson Weir	Scheduled	297 362
Deep East Texas Workers' Compensation Insurance Fund	76-134	07/01/97- (Until cancelled)	Worker's compensation	500 000	49 672
				\$	<u>667 795</u>

See independent auditors' report.

STATISTICAL SECTION

SABINE RIVER AUTHORITY OF TEXAS  
STATISTICAL SECTION  
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SABINE RIVER AUTHORITY OF TEXAS  
NET POSITION BY COMPONENT  
Last Ten Fiscal Years \*

EXHIBIT 1

OPERATIONS										
FISCAL YEAR										
	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Primary Government:										
Net investment in capital assets	\$ 180 006 509	\$ 172 870 339	\$ 152 955 350	\$ 134 736 950	\$ 136 036 015	\$ 137 470 196	\$ 138 986 790	\$ N/A	\$ N/A	\$ N/A
Restricted	-	-	-	-	801 921	800 203	800 079	N/A	N/A	N/A
Designated by Board directive	22 741 714	24 899 017	12 357 072	-	-	-	-	N/A	N/A	N/A
Unrestricted	14 011 284	10 718 959	36 048 386	51 324 302	54 966 633	33 777 123	31 843 978	N/A	N/A	N/A
<b>TOTAL NET ASSETS</b>	<b>\$ 216 759 507</b>	<b>\$ 208 488 315</b>	<b>\$ 201 360 808</b>	<b>\$ 186 061 252</b>	<b>\$ 191 804 569</b>	<b>\$ 172 047 522</b>	<b>\$ 171 630 847</b>	<b>\$ N/A</b>	<b>\$ N/A</b>	<b>\$ N/A</b>
GULF COAST										
FISCAL YEAR										
	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Primary Government:										
Net investment in capital assets	\$ 9 999 534	\$ (11 375 213)	\$ (724 049)	\$ 5 746 379	\$ 4 625 810	\$ 2 914 523	\$ 2 554 650	\$ N/A	\$ N/A	\$ N/A
Restricted	2 074 560	1 308 982	600 213	-	-	-	-	N/A	N/A	N/A
Designated by Board directive	-	-	-	-	-	-	-	N/A	N/A	N/A
Unrestricted	1 982 978	21 592 124	7 226 274	(744 992)	721 927	804 008	(211 594)	N/A	N/A	N/A
<b>TOTAL NET ASSETS</b>	<b>\$ 14 057 072</b>	<b>\$ 11 525 893</b>	<b>\$ 7 102 438</b>	<b>\$ 5 001 387</b>	<b>\$ 5 347 737</b>	<b>\$ 3 718 531</b>	<b>\$ 2 343 056</b>	<b>\$ N/A</b>	<b>\$ N/A</b>	<b>\$ N/A</b>
TOTAL										
FISCAL YEAR										
	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Primary Government:										
Net investment in capital assets	\$ 190 006 043	\$ 161 495 126	\$ 152 231 301	\$ 140 483 329	\$ 140 661 825	\$ 140 384 719	\$ 141 541 440	\$ 143 052 238	\$ 143 540 306	\$ 143 503 128
Restricted	2 074 560	1 308 982	600 213	-	801 921	800 203	800 079	800 017	825 016	825 016
Designated by Board directive	22 741 714	24 899 017	12 357 072	-	-	-	-	-	-	-
Unrestricted	15 994 262	32 311 083	43 274 660	50 579 310	55 688 560	34 581 131	31 632 384	27 494 552	27 390 431	29 326 965
<b>TOTAL NET ASSETS</b>	<b>\$ 230 816 579</b>	<b>\$ 220 014 208</b>	<b>\$ 208 463 246</b>	<b>\$ 191 062 639</b>	<b>\$ 197 152 306</b>	<b>\$ 175 766 053</b>	<b>\$ 173 973 903</b>	<b>\$ 171 346 807</b>	<b>\$ 171 755 753</b>	<b>\$ 173 655 109</b>

\* Fund-level data not available prior to 2015.

See independent auditors report.

SABINE RIVER AUTHORITY OF TEXAS  
CHANGES IN COMBINED NET POSITION  
Last Ten Fiscal Years \*

EXHIBIT 2

OPERATIONS									
FISCAL YEAR	OPERATING REVENUES	OPERATING EXPENSES	OPERATING INCOME/(LOSS)	TOTAL NONOPERATING REVENUES/(EXPENSES)	INCOME/(LOSS) BEFORE CAPITAL CONTRIBUTIONS	TRANSFERS AND CAPITAL CONTRIBUTIONS	CHANGE IN NET POSITION		
2012	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A
2013	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A
2014	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A
2015	\$ 20 840 225	\$ 18 899 996	\$ 1 940 229	\$ (258 971)	\$ 1 681 258	\$ (600 000)	\$ 1 081 258		
2016	\$ 21 279 950	\$ 19 866 813	\$ 1 413 137	\$ (246 462)	\$ 1 166 675	\$ (750 000)	\$ 416 675		
2017	\$ 27 826 387	\$ 22 658 878	\$ 5 167 509	\$ (219 214)	\$ 4 948 295	\$ -	\$ 4 948 295		
2018	\$ 30 373 632	\$ 21 688 138	\$ 8 685 494	\$ (711 060)	\$ 7 974 434	\$ -	\$ 7 974 434		
2019	\$ 41 036 823	\$ 27 369 601	\$ 13 667 222	\$ 1 632 334	\$ 15 299 556	\$ -	\$ 15 299 556		
2020	\$ 34 093 041	\$ 28 023 054	\$ 6 069 987	\$ 1 182 603	\$ 7 252 590	\$ (125 083)	\$ 7 127 507		
2021	\$ 35 423 690	\$ 26 312 636	\$ 9 111 054	\$ (839 862)	\$ 8 271 192	\$ -	\$ 8 271 192		
GULF COAST									
FISCAL YEAR	OPERATING REVENUES	OPERATING EXPENSES	OPERATING INCOME/(LOSS)	TOTAL NONOPERATING REVENUES/(EXPENSES)	INCOME/(LOSS) BEFORE CAPITAL CONTRIBUTIONS	TRANSFERS AND CAPITAL CONTRIBUTIONS	CHANGE IN NET POSITION		
2012	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A
2013	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A
2014	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A
2015	\$ 3 287 759	\$ 2 341 921	\$ 945 838	\$ -	\$ 945 838	\$ 600 000	\$ 1 545 838		
2016	\$ 3 760 908	\$ 3 655 299	\$ 105 609	\$ 519 866	\$ 625 475	\$ 750 000	\$ 1 375 475		
2017	\$ 4 026 654	\$ 2 471 533	\$ 1 555 121	\$ 74 085	\$ 1 629 206	\$ -	\$ 1 629 206		
2018	\$ 5 062 994	\$ 2 544 917	\$ 2 518 027	\$ (382 472)	\$ 2 135 555	\$ -	\$ 2 135 555		
2019	\$ 6 259 714	\$ 2 553 232	\$ 3 706 482	\$ (1 417 611)	\$ 2 288 871	\$ -	\$ 2 288 871		
2020	\$ 8 144 882	\$ 2 793 791	\$ 5 351 091	\$ (1 052 719)	\$ 4 298 372	\$ 125 083	\$ 4 423 455		
2021	\$ 8 426 158	\$ 3 812 181	\$ 4 613 977	\$ (2 082 798)	\$ 2 531 179	\$ -	\$ 2 531 179		
TOTAL									
FISCAL YEAR	OPERATING REVENUES	OPERATING EXPENSES	OPERATING INCOME/(LOSS)	TOTAL NONOPERATING REVENUES/(EXPENSES)	INCOME/(LOSS) BEFORE CAPITAL CONTRIBUTIONS	TRANSFERS AND CAPITAL CONTRIBUTIONS	CHANGE IN NET POSITION		
2012	\$ 17 493 956	\$ 20 958 358	\$ (3 464 402)	\$ (188 327)	\$ (3 652 729)	\$ -	\$ (3 652 729)		
2013	\$ 19 371 952	\$ 20 864 854	\$ (1 492 902)	\$ (406 454)	\$ (1 899 356)	\$ -	\$ (1 899 356)		
2014	\$ 20 500 460	\$ 20 704 342	\$ (203 882)	\$ (205 064)	\$ (408 946)	\$ -	\$ (408 946)		
2015	\$ 24 127 984	\$ 21 241 917	\$ 2 886 067	\$ (258 971)	\$ 2 627 096	\$ -	\$ 2 627 096		
2016	\$ 25 040 858	\$ 23 522 112	\$ 1 518 746	\$ 273 404	\$ 1 792 150	\$ -	\$ 1 792 150		
2017	\$ 31 853 041	\$ 25 130 411	\$ 6 722 630	\$ (145 129)	\$ 6 577 501	\$ -	\$ 6 577 501		
2018	\$ 35 436 576	\$ 24 233 055	\$ 11 203 521	\$ (1 093 532)	\$ 10 109 989	\$ -	\$ 10 109 989		
2019	\$ 47 296 537	\$ 29 922 833	\$ 17 373 704	\$ 214 723	\$ 17 588 427	\$ -	\$ 17 588 427		
2020	\$ 42 237 923	\$ 30 816 845	\$ 11 421 078	\$ 129 884	\$ 11 550 962	\$ -	\$ 11 550 962		
2021	\$ 43 849 848	\$ 30 124 817	\$ 13 725 031	\$ (2 922 660)	\$ 10 802 371	\$ -	\$ 10 802 371		

\* Fund-level data not available prior to 2015.

See independent auditors' report.

SABINE RIVER AUTHORITY OF TEXAS  
COMBINED OPERATING REVENUES BY SOURCE  
Last Ten Fiscal Years \*

EXHIBIT 3

OPERATIONS										
FISCAL YEAR	WATER SALES	POWER SALES	WASTE WATER TREATMENT	PERMITS	WATER QUALITY ACTIVITY	MISCEL-LANEOUS	RESER-VATION FEE	TOTAL		
2012	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A
2013	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A
2014	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A
2015	\$ 11 219 014	\$ 6 381 340	\$ 45 300	\$ 921 476	\$ 773 787	\$ 847 606	\$ 651 702	\$ 20 840 225		
2016	\$ 11 785 405	\$ 6 066 553	\$ 37 201	\$ 952 896	\$ 801 770	\$ 998 408	\$ 637 717	\$ 21 279 950		
2017	\$ 22 432 318	\$ 2 455 352	\$ 50 803	\$ 969 781	\$ 862 367	\$ 404 064	\$ 651 702	\$ 27 826 387		
2018	\$ 22 559 972	\$ 4 538 691	\$ 108 559	\$ 1 103 557	\$ 810 571	\$ 907 537	\$ 344 745	\$ 30 373 632		
2019	\$ 28 134 362	\$ 10 794 714	\$ 161 469	\$ 899 412	\$ 783 067	\$ 251 972	\$ 11 827	\$ 41 036 823		
2020	\$ 27 833 585	\$ 3 665 956	\$ 158 061	\$ 990 390	\$ 746 473	\$ 698 576	\$ -	\$ 34 093 041		
2021	\$ 25 921 124	\$ 7 052 597	\$ 179 032	\$ 974 658	\$ 882 158	\$ 414 121	\$ -	\$ 35 423 690		

GULF COAST										
FISCAL YEAR	WATER SALES	POWER SALES	WASTE WATER TREATMENT	PERMITS	WATER QUALITY ACTIVITY	MISCEL-LANEOUS	RESER-VATION FEE	TOTAL		
2012	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A
2013	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A
2014	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A
2015	\$ 3 265 769	\$ -	\$ 21 990	\$ -	\$ -	\$ -	\$ -	\$ 3 287 759		
2016	\$ 3 424 340	\$ -	\$ 17 143	\$ -	\$ -	\$ 319 425	\$ -	\$ 3 760 908		
2017	\$ 4 026 654	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4 026 654		
2018	\$ 5 029 908	\$ -	\$ -	\$ -	\$ -	\$ 33 036	\$ -	\$ 5 062 944		
2019	\$ 6 225 444	\$ -	\$ -	\$ -	\$ -	\$ 34 270	\$ -	\$ 6 259 714		
2020	\$ 7 841 111	\$ -	\$ -	\$ -	\$ -	\$ 303 771	\$ -	\$ 8 144 882		
2021	\$ 8 397 002	\$ -	\$ -	\$ -	\$ -	\$ 29 156	\$ -	\$ 8 426 158		

TOTAL										
FISCAL YEAR	WATER SALES	POWER SALES	WASTE WATER TREATMENT	PERMITS	WATER QUALITY ACTIVITY	MISCEL-LANEOUS	RESER-VATION FEE	TOTAL		
2012	\$ 12 923 569	\$ 1 215 429	\$ 39 934	\$ 867 681	\$ 756 362	\$ 1 039 279	\$ 651 702	\$ 17 493 956		
2013	\$ 14 593 165	\$ 1 514 146	\$ 46 265	\$ 851 074	\$ 816 696	\$ 898 904	\$ 651 702	\$ 19 371 952		
2014	\$ 14 493 602	\$ 2 599 284	\$ 70 650	\$ 986 570	\$ 834 104	\$ 864 548	\$ 651 702	\$ 20 500 460		
2015	\$ 14 484 783	\$ 6 381 340	\$ 67 290	\$ 921 476	\$ 773 787	\$ 847 606	\$ 651 702	\$ 24 127 984		
2016	\$ 15 209 745	\$ 6 066 553	\$ 54 344	\$ 952 896	\$ 801 770	\$ 1 317 833	\$ 637 717	\$ 25 040 858		
2017	\$ 26 458 972	\$ 2 455 352	\$ 50 803	\$ 969 781	\$ 862 367	\$ 404 064	\$ 651 702	\$ 31 853 041		
2018	\$ 27 589 880	\$ 4 538 691	\$ 108 559	\$ 1 103 557	\$ 810 571	\$ 940 573	\$ 344 745	\$ 35 436 576		
2019	\$ 34 359 806	\$ 10 794 714	\$ 161 469	\$ 899 412	\$ 783 067	\$ 286 242	\$ 11 827	\$ 47 296 537		
2020	\$ 35 674 696	\$ 3 665 956	\$ 158 061	\$ 990 390	\$ 746 473	\$ 1 002 347	\$ -	\$ 42 237 923		
2021	\$ 34 318 126	\$ 7 052 597	\$ 179 032	\$ 974 658	\$ 882 158	\$ 443 277	\$ -	\$ 43 849 848		

\* Fund-level data not available prior to 2015.

See independent auditors' report.

SABINE RIVER AUTHORITY OF TEXAS  
COMBINED OPERATING EXPENSES  
Last Ten Fiscal Years \*

EXHIBIT 4

	FISCAL YEAR									
	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
<b>OPERATIONS</b>										
Operation and maintenance	\$ 22 096 044	\$ 24 076 755	\$ 23 761 144	\$ 18 091 886	\$ 19 212 877	\$ 16 384 150	\$ 15 242 638	\$ N/A	\$ N/A	\$ N/A
Depreciation	4 216 592	3 946 299	3 608 457	3 596 252	3 596 252	3 482 663	3 657 358	N/A	N/A	N/A
<b>TOTAL OPERATING EXPENSES</b>	<b>\$ 26 312 636</b>	<b>\$ 28 023 054</b>	<b>\$ 27 369 601</b>	<b>\$ 21 688 138</b>	<b>\$ 22 809 129</b>	<b>\$ 19 866 813</b>	<b>\$ 18 899 996</b>	<b>\$ N/A</b>	<b>\$ N/A</b>	<b>\$ N/A</b>
<b>GULF COAST</b>										
Operation and maintenance	\$ 3 587 517	\$ 2 637 557	\$ 2 485 501	\$ 2 488 452	\$ 2 344 217	\$ 3 597 969	\$ 2 284 588	\$ N/A	\$ N/A	\$ N/A
Depreciation	224 664	156 234	67 731	56 465	127 316	57 330	57 333	N/A	N/A	N/A
<b>TOTAL OPERATING EXPENSES</b>	<b>\$ 3 812 181</b>	<b>\$ 2 793 791</b>	<b>\$ 2 553 232</b>	<b>\$ 2 544 917</b>	<b>\$ 2 471 533</b>	<b>\$ 3 655 299</b>	<b>\$ 2 341 921</b>	<b>\$ N/A</b>	<b>\$ N/A</b>	<b>\$ N/A</b>
<b>TOTAL</b>										
Operation and maintenance	\$ 25 683 561	\$ 26 714 312	\$ 26 246 645	\$ 20 580 338	\$ 21 577 094	\$ 19 982 119	\$ 17 527 226	\$ 17 036 591	\$ 17 284 765	\$ 17 363 254
Depreciation	4 441 256	4 102 533	3 676 188	3 652 717	3 723 568	3 539 993	3 714 691	3 667 751	3 580 089	3 595 104
<b>TOTAL OPERATING EXPENSES</b>	<b>\$ 30 124 817</b>	<b>\$ 30 816 845</b>	<b>\$ 29 922 833</b>	<b>\$ 24 233 055</b>	<b>\$ 25 280 662</b>	<b>\$ 23 522 112</b>	<b>\$ 21 241 917</b>	<b>\$ 20 704 342</b>	<b>\$ 20 864 854</b>	<b>\$ 20 958 358</b>

\* Fund-level data not available prior to 2015.

See independent auditors' report.



SABINE RIVER AUTHORITY OF TEXAS  
COMBINED NONOPERATING REVENUES AND EXPENSES  
Last Ten Fiscal Years

EXHIBIT 5

OPERATIONS										
FISCAL YEAR	GAIN/LOSS ON DISPOSAL OF CAPITAL ASSETS	GRANT PROGRAM	GRANT REVENUES	INVESTMENT INCOME	INSURANCE PROCEEDS	INTEREST EXPENSE	BAD DEBT EXPENSE	TOTAL NONOPERATING REVENUES (EXPENSES)		
2012	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A
2013	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A
2014	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A
2015	\$ -	\$ (81 000)	\$ -	\$ 235 684	\$ -	\$ (413 655)	\$ -	\$ -	\$ -	\$ (258 971)
2016	\$ 59 292	\$ (293 000)	\$ -	\$ 390 437	\$ -	\$ (403 191)	\$ -	\$ -	\$ -	\$ (246 462)
2017	\$ 58 675	\$ (157 500)	\$ -	\$ 271 357	\$ -	\$ (391 746)	\$ -	\$ -	\$ -	\$ (219 214)
2018	\$ 6 462	\$ (536 000)	\$ -	\$ 198 125	\$ -	\$ (379 647)	\$ -	\$ -	\$ -	\$ (711 060)
2019	\$ 86 101	\$ (419 578)	\$ -	\$ 2 179 833	\$ -	\$ (214 022)	\$ -	\$ -	\$ -	\$ 1 632 334
2020	\$ 113 799	\$ (342 700)	\$ -	\$ 1 411 504	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1 182 603
2021	\$ 2 689	\$ (1 248 934)	\$ -	\$ 406 383	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (839 862)
GULF COAST										
FISCAL YEAR	GAIN/LOSS ON DISPOSAL OF CAPITAL ASSETS	GRANT PROGRAM	GRANT REVENUES	INVESTMENT INCOME	INSURANCE PROCEEDS	INTEREST EXPENSE	BAD DEBT EXPENSE	TOTAL NONOPERATING REVENUES (EXPENSES)		
2012	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A
2013	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A
2014	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A
2015	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2016	\$ 38 481	\$ -	\$ -	\$ -	\$ 481 385	\$ -	\$ -	\$ -	\$ -	\$ 519 866
2017	\$ -	\$ -	\$ 4 331	\$ -	\$ 69 754	\$ -	\$ -	\$ -	\$ -	\$ 74 085
2018	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (382 472)	\$ -	\$ -	\$ -	\$ (382 472)
2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1 417 611)	\$ -	\$ -	\$ -	\$ (1 417 611)
2020	\$ -	\$ -	\$ -	\$ 953 255	\$ -	\$ (2 005 974)	\$ -	\$ -	\$ -	\$ (1 052 719)
2021	\$ -	\$ -	\$ -	\$ 28	\$ -	\$ (2 082 826)	\$ -	\$ -	\$ -	\$ (2 082 798)
TOTALS										
FISCAL YEAR	GAIN/LOSS ON DISPOSAL OF CAPITAL ASSETS	GRANT PROGRAM	GRANT REVENUES	INVESTMENT INCOME	INSURANCE PROCEEDS	INTEREST EXPENSE	BAD DEBT EXPENSE	TOTAL NONOPERATING REVENUES (EXPENSES)		
2012	\$ (6 832)	\$ (120 000)	\$ -	\$ 380 266	\$ -	\$ (441 761)	\$ -	\$ -	\$ -	\$ (188 327)
2013	\$ 76	\$ (100 000)	\$ -	\$ 134 120	\$ -	\$ (432 948)	\$ (7 702)	\$ -	\$ -	\$ (406 454)
2014	\$ (663)	\$ (77 995)	\$ -	\$ 297 059	\$ -	\$ (423 465)	\$ 59 292	\$ -	\$ -	\$ (145 772)
2015	\$ -	\$ (81 000)	\$ -	\$ 235 684	\$ -	\$ (413 655)	\$ -	\$ -	\$ -	\$ (258 971)
2016	\$ 97 773	\$ (293 000)	\$ -	\$ 390 437	\$ 481 385	\$ (403 191)	\$ -	\$ -	\$ -	\$ 273 404
2017	\$ 58 675	\$ (157 500)	\$ 4 331	\$ 271 357	\$ 69 754	\$ (391 746)	\$ -	\$ -	\$ -	\$ (145 129)
2018	\$ 6 462	\$ (536 000)	\$ -	\$ 198 125	\$ -	\$ (762 119)	\$ -	\$ -	\$ -	\$ (1 093 532)
2019	\$ 86 101	\$ (419 578)	\$ -	\$ 2 179 833	\$ -	\$ (1 631 633)	\$ -	\$ -	\$ -	\$ 214 723
2020	\$ 113 799	\$ (342 700)	\$ -	\$ 2 364 759	\$ -	\$ (2 005 974)	\$ -	\$ -	\$ -	\$ 129 884
2021	\$ 2 689	\$ (1 248 934)	\$ -	\$ 406 411	\$ -	\$ (2 082 826)	\$ -	\$ -	\$ -	\$ (2 922 660)

\* Fund-level data not available prior to 2015.

See independent auditors' report.

SABINE RIVER AUTHORITY OF TEXAS  
 WATER SUPPLIED, POWER GENERATED AND LABORATORY TESTS PERFORMED  
 Last Ten Fiscal Years  
 (Unaudited)

EXHIBIT 6

FISCAL YEAR	GULF COAST DIVISION	LAKE TAWAKONI	TOLEDO BEND DIVISION	LAKE FORK	TOTAL WATER SUPPLIED	MEGAWATT HOURS OF POWER GENERATED	ENVIRONMENTAL SERVICES DIVISION TESTS PERFORMED
2012	43.75	70.41	4.56	22.62	141.34	60 609	60 755
2013	45.80	131.03	4.23	21.79	202.85	72 499	66 721
2014	42.11	141.32	4.18	28.41	216.02	122 716	65 322
2015	43.93	56.69	4.46	76.27	181.35	293 580	85 366
2016	39.45	47.44	4.94	65.61	157.44	277 933	90 430
2017	40.03	63.54	3.20	51.62	158.39	112 409	97 090
2018	42.27	45.37	5.28	28.75	121.67	196 426	89 617
2019	41.17	24.90	6.45	58.21	130.73	525 766	93 124
2020	42.56	38.91	4.73	52.13	138.33	222 152	72 532
2021	40.16	29.46	5.18	51.98	126.78	319 307	81 761

Notes: Water supplied is presented in million gallons daily (MGD).

SABINE RIVER AUTHORITY OF TEXAS  
 NUMBER OF WATER CUSTOMERS AND LABORATORY TESTS PERFORMED BY TYPE  
 Last Ten Fiscal Years  
 (Unaudited)

EXHIBIT 7

FISCAL YEAR	MUNICIPAL	INDUSTRIAL	IRRIGATION	OTHER	TOTAL	LABORATORY TESTS PERFORMED				
						INDUSTRIAL	MUNICIPAL	WATERSHED MONITORING PROGRAM	QUALITY ASSURANCE	TOTAL TESTS PERFORMED
2012	22	14	1	3	40	7 124	7 154	23 726	22 751	60 755
2013	23	12	1	4	40	8 327	6 428	26 600	25 366	66 721
2014	24	12	1	4	41	8 253	6 681	24 433	25 955	65 322
2015	24	11	1	7	43	7 742	7 241	39 692	30 691	85 366
2016	25	11	3	9	48	9 347	8 849	44 191	28 043	90 430
2017	24	11	2	7	44	10 550	10 503	48 770	27 267	97 090
2018	25	12	2	7	46	8 628	10 806	48 183	24 473	92 090
2019	22	13	2	3	40	6 978	11 203	50 647	24 296	93 124
2020	24	13	1	10	48	6 460	9 510	36 861	19 701	72 532
2021	57	27	-	205	289	7 148	10 831	40 941	22 841	81 761

SABINE RIVER AUTHORITY OF TEXAS  
FIVE LARGEST CUSTOMERS  
Current Year and Nine Years Ago

EXHIBIT 8

CUSTOMER	FISCAL YEAR 2021 WATER REVENUE			FISCAL YEAR 2020 WATER REVENUE		
	AMOUNT	PERCENTAGE	RANK	AMOUNT	PERCENTAGE	RANK
Dallas Water Utilities	\$ 17 800 198	51.87%	1	\$ 20 482 741	57.42%	1
Rockcliff Energy Mgmt	1 727 198	5.03%	5	-	-	-
International Paper	3 392 150	9.88%	2	2 930 284	8.21%	2
North Texas Municipal Water District	1 810 808	5.28%	4	1 945 458	5.45%	3
Performance Materials	2 149 247	6.26%	3	1 927 809	5.40%	4
City of Greenville	-	-	-	941 076	2.64%	5
SUBTOTAL (5 LARGEST)	26 879 601			28 227 368		
Balance from other customers	7 438 525	21.68%		7 447 328	20.88%	
GRAND TOTALS	\$ 34 318 126	100.00%		\$ 35 674 696	100.00%	

CUSTOMER	FISCAL YEAR 2019 WATER REVENUE			FISCAL YEAR 2018 WATER REVENUE		
	AMOUNT	PERCENTAGE	RANK	AMOUNT	PERCENTAGE	RANK
Dallas Water Utilities	\$ 15 787 689	45.95%	1	\$ 14 814 567	53.70%	1
Rockcliff Energy Mgmt	2 739 459	7.97%	2			
North Texas Municipal Water District	1 651 997	4.81%	4	1 615 603	5.86%	3
International Paper	2 300 785	6.70%	3	1 827 346	6.62%	2
Performance Materials	1 578 731	4.59%	5			
City of Greenville	1 578 731	4.59%	5	1 043 790	3.78%	5
Dupont	-	-	-	1 277 122	4.63%	4
SUBTOTAL (5 LARGEST)	24 058 661	70.02%		20 578 428	74.59%	
Balance from other customers	10 301 145	29.98%		7 011 452	25.41%	
GRAND TOTALS	\$ 34 359 806	100.00%		\$ 27 589 880	100.00%	

CUSTOMER	FISCAL YEAR 2017 WATER REVENUE			FISCAL YEAR 2016 WATER REVENUE		
	AMOUNT	PERCENTAGE	RANK	AMOUNT	PERCENTAGE	RANK
Dallas Water Utilities	\$ 16 785 823	63.43%	1	\$ 6 785 290	44.61%	1
North Texas Municipal Water District	2 216 177	8.37%	2	1 510 928	9.93%	2
Inland Orange, Inc.	-	-	-	-	-	-
International Paper	1 312 527	4.96%	3	1 190 810	7.83%	3
City of Greenville	1 003 214	3.79%	5	973 831	6.40%	4
E. I. Dupont DeNemours	1 031 727	3.90%	4	945 720	6.22%	5
SUBTOTAL (5 LARGEST)	22 349 468	84.45%		11 406 579	75.00%	
Balance from other customers	4 113 835	15.55%		3 803 166	25.00%	
GRAND TOTALS	\$ 26 463 303	100.00%		\$ 15 209 745	100.00%	

See independent auditors' report.

SABINE RIVER AUTHORITY OF TEXAS  
FIVE LARGEST CUSTOMERS - CONTINUED  
Current Year and Nine Years Ago

EXHIBIT 8

CUSTOMER	FISCAL YEAR 2015 WATER REVENUE			FISCAL YEAR 2014 WATER REVENUE		
	AMOUNT	PERCENTAGE	RANK	AMOUNT	PERCENTAGE	RANK
Dallas Water Utilities	\$ 6 246 262	43.12%	1	\$ 6 580 627	45.40%	1
North Texas Municipal Water District	1 454 722	10.04%	2	1 213 049	8.37%	2
Inland Orange, Inc.	1 047 938	7.23%	3	1 028 505	7.10%	3
City of Greenville	952 843	6.58%	5	905 931	6.25%	4
E. I. Dupont DeNemours	954 695	6.59%	4	954 695	6.59%	5
SUBTOTAL (5 LARGEST)	10 656 460	73.57%		10 621 023	73.28%	
Balance from other customers	3 828 323	26.43%		3 872 579	26.72%	
GRAND TOTALS	\$ 14 484 783	100.00%		\$ 14 493 602	100.00%	

CUSTOMER	FISCAL YEAR 2013 WATER REVENUE			FISCAL YEAR 2012 WATER REVENUE		
	AMOUNT	PERCENTAGE	RANK	AMOUNT	PERCENTAGE	RANK
Dallas Water Utilities	\$ 6 825 000	46.77%	1	\$ 5 587 070	43.23%	1
North Texas Municipal Water District	1 491 168	10.22%	2	1 056 393	8.17%	2
Inland Orange, Inc.	915 493	6.27%	3	836 081	6.47%	5
E. I. Dupont DeNemours	848 957	5.82%	5	868 305	6.72%	3
City of Greenville	863 995	5.92%	4	839 509	6.50%	4
SUBTOTAL (5 LARGEST)	10 944 613	75.00%		9 187 358	71.09%	
Balance from other customers	3 648 552	25.00%		3 736 211	28.91%	
GRAND TOTALS	\$ 14 593 165	100.00%		\$ 12 923 569	100.00%	

See independent auditors' report.

SABINE RIVER AUTHORITY OF TEXAS  
RATIOS OF OUTSTANDING DEBT BY TYPE  
Last Ten Fiscal Years

EXHIBIT 9

FISCAL YEAR	REVENUE BONDS	TEXAS WATER DEVELOPMENT BOARD LOAN	TOTAL AMOUNT	PERSONAL INCOME <sup>b</sup>	PERCENTAGE OF OUTSTANDING DEBT TO PERSONAL INCOME	POPULATION <sup>a</sup>	TOTAL DEBT PER CAPITA
2012	\$ -	\$ 23 493 545	\$ 23 493 545	\$ 27 674 087 000	-	574 750	41
2013	\$ -	\$ 22 580 005	\$ 22 580 005	\$ 24 500 368 000	-	577 383	39
2014	\$ -	\$ 21 661 465	\$ 21 661 465	\$ 25 237 703 000	-	583 619	37
2015	\$ -	\$ 20 732 925	\$ 20 732 925	\$ 25 728 303 000	-	590 740	35
2016	\$ -	\$ 19 789 385	\$ 19 789 385	\$ 25 925 334 000	-	597 978	33
2017	\$ -	\$ 18 835 846	\$ 18 835 846	\$ 26 852 960 000	-	603 934	31
2018	\$ 18 825 000	\$ 17 872 305	\$ 36 697 305	\$ 28 330 504 500	-	615 173	60
2019	\$ 52 135 000	\$ -	\$ 52 135 000	\$ 29 589 036 300	-	618 536	84
2020	\$ 73 770 000	\$ -	\$ 73 770 000	\$ 31 666 251 100	-	625 080	118
2021	\$ 71 925 000	\$ -	\$ 71 925 000	N/A	N/A	N/A	N/A

Sources:

- a U. S. Census Bureau through the Labor Market & Career Information Department (LMCI) of the Texas Workforce Commission website: <http://www.tracer2.com>
- b Bureau of Economic Analysis through the LMCI website: <http://www.tracer2.com>

SABINE RIVER AUTHORITY OF TEXAS  
PLEDGED-REVENUE COVERAGE  
Last Ten Fiscal Years

EXHIBIT 10

FISCAL YEAR	OPERATING REVENUES	LESS: OPERATING EXPENSES (EXCLUDING DEPRECIATION)	NET AVAILABLE FUNDS	DEBT SERVICE			COVERAGE RATIO
				PRINCIPAL	INTEREST	TOTAL	
2012	\$ 17 493 956	\$ 17 363 254	\$ 130 702	\$ 903 540	\$ 441 777	\$ 1 345 317	0.10
2013	\$ 19 371 952	\$ 17 284 765	\$ 2 087 187	\$ 913 540	\$ 432 948	\$ 1 346 488	1.55
2014	\$ 20 500 460	\$ 17 036 591	\$ 3 463 869	\$ 918 540	\$ 423 465	\$ 1 342 005	2.58
2015	\$ 24 127 984	\$ 17 527 226	\$ 6 600 758	\$ 928 540	\$ 413 655	\$ 1 342 195	4.92
2016	\$ 25 040 858	\$ 19 982 119	\$ 5 058 739	\$ 943 540	\$ 403 191	\$ 1 346 731	3.76
2017	\$ 31 853 041	\$ 21 557 094	\$ 10 295 947	\$ 953 540	\$ 391 746	\$ 1 345 286	7.65
2018	\$ 35 436 576	\$ 20 580 338	\$ 14 856 238	\$ 963 540	\$ 379 647	\$ 1 343 187	11.06
* 2019	\$ 6 259 714	\$ 2 485 501	\$ 3 774 213	\$ -	\$ 1 417 611	\$ 1 417 611	2.66
* 2020	\$ 8 144 882	\$ 2 637 557	\$ 5 507 325	\$ 1 845 000	\$ 2 083 923	\$ 3 928 923	1.40
* 2021	\$ 8 426 158	\$ 3 587 517	\$ 4 838 641	\$ 1 880 000	\$ 2 047 528	\$ 3 927 528	1.23

\* Beginning in 2019, pledged revenue coverage only relates to the Gulf Coast revenues for the TWDB SWIFT bonds upon payoff of the Toledo Bend TWDB loan by Operations.

See independent auditors' report.

SABINE RIVER AUTHORITY OF TEXAS  
DEMOGRAPHIC AND ECONOMIC STATISTICS  
Last Ten Calendar Years  
(Unaudited)

EXHIBIT 11

CALENDAR YEAR	POPULATION <sup>a</sup>	PERSONAL INCOME <sup>b</sup> (thousands of dollars)	PER CAPITA PERSONAL INCOME	UNEMPLOYMENT RATE		LABOR FORCE <sup>c</sup>	TOTAL HOUSING UNITS <sup>e</sup>
				BASIN <sup>c</sup>	STATE <sup>d</sup>		
2012	574 750	\$ 27 674 087	\$ 48 150	7.1%	6.8%	289 735	246 749
2013	577 383	\$ 24 500 368	\$ 42 433	6.8%	6.3%	289 712	247 444
2014	583 619	\$ 25 237 703	\$ 43 243	5.6%	5.1%	276 381	250 497
2015	590 740	\$ 25 728 303	\$ 43 553	5.0%	4.5%	272 245	252 606
2016	597 978	\$ 25 925 334	\$ 43 355	5.3%	4.6%	272 735	254 942
2017	603 934	\$ 26 852 960	\$ 44 463	4.8%	4.3%	276 620	258 906
2018	615 173	\$ 28 330 504	\$ 46 053	4.2%	3.9%	281 273	261 980
2019	618 536	\$ 29 589 036	\$ 47 837	3.8%	3.5%	284 452	264 233
2020	625 080	\$ 31 666 251	\$ 50 660	7.6%	7.6%	283 000	259 580
2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A

N/A = not available.

Note: Statistics for counties partially in the Sabine Basin have been adjusted to better reflect the geographic portion of the county within the basin.

Sources:

- a U. S. Census Bureau through the Labor Market & Career Information Department (LMCI) of the Texas Workforce Commission website: <http://www.tracer2.com>
- b Bureau of Economic Analysis through the LMCI website: <http://www.tracer2.com>
- c Local Area Unemployment Statistics through the LMCI website: <http://www.tracer2.com>
- d State unemployment rate obtained from the U. S. Department of Labor Bureau of Labor Statistics, [www.bls.gov](http://www.bls.gov)
- e U. S. Census Bureau website: <http://www.census.gov/housing>

SABINE RIVER AUTHORITY OF TEXAS  
PRINCIPAL EMPLOYERS  
Current Year and Nine Years Ago  
(Unaudited)

EXHIBIT 12

Employer	City	2021		2020		2019		2018	
		Employees	Percentage of Total	Employees	Percentage of Total	Employees	Percentage of Total	Employees	Percentage of Total
L-3 Communications Integrated Systems	Greenville	N/A	N/A	6 500	2.31%	6 500	2.29%	6 500	2.39%
Good Shepard Medical Center	Longview	N/A	N/A	2 532	0.90%	2 530	0.89%	2 630	0.97%
Eastman Chemicals	Longview	N/A	N/A	1 481	0.53%	1 518	0.53%	1 502	0.55%
Trinity Rail	Longview	N/A	N/A	900	0.32%	960	0.34%	1 553	0.37%
Tyson Foods	Center	N/A	N/A	1 600	0.57%	1 600	0.56%	1 400	0.51%
Longview ISD	Longview	N/A	N/A	1 260	0.45%	1 263	0.44%	1 348	0.50%
Texas Utilities/Luminant	Henderson	N/A	N/A	406	0.14%	165	0.06%	896	0.33%
POW Sabine River Works	Orange	N/A	N/A	691	0.25%	900	0.32%	900	0.33%
Greenville ISD	Greenville	N/A	N/A	976	0.35%	990	0.35%	1 120	0.41%
Mundy Industrial Contractors	Orange	N/A	N/A	-	- %	-	- %	77	0.03%
Invista Petrochemical	Orange	N/A	N/A	320	0.11%	320	0.11%	100	0.04%
Inland Paperboard/International Paper	Orange	N/A	N/A	520	0.18%	520	0.18%	450	0.17%
<b>TOTAL</b>		<b>N/A</b>	<b>N/A</b>	<b>17 184</b>	<b>6.11%</b>	<b>17 266</b>	<b>6.07%</b>	<b>17 418</b>	<b>6.79%</b>

Employer	City	2017		2016		2015		2014	
		Employees	Percentage of Total	Employees	Percentage of Total	Employees	Percentage of Total	Employees	Percentage of Total
L-3 Communications Integrated Systems	Greenville	6 500	2.35%	6 500	2.39%	6 500	2.39%	5 700	2.06%
Good Shepard Medical Center	Longview	2 529	0.91%	2 529	0.93%	2 630	0.97%	3 260	1.18%
Eastman Chemicals	Longview	1 463	0.53%	1 463	0.54%	1 502	0.55%	1 500	0.54%
Trinity Rail	Longview	972	0.35%	972	0.36%	1 553	0.57%	1 856	0.67%
Tyson Foods	Center	1 600	0.58%	1 600	0.59%	1 400	0.51%	1 400	0.51%
Longview ISD	Longview	1 283	0.47%	1 288	0.47%	1 348	0.50%	1 170	0.42%
Texas Utilities/Luminant	Henderson	290	0.09%	896	0.33%	896	0.33%	896	0.32%
DuPont Sabine River Works	Orange	900	0.33%	900	0.33%	900	0.33%	900	0.33%
Greenville ISD	Greenville	1 255	0.45%	1 255	0.46%	1 120	0.41%	741	0.27%
Mundy Industrial Contractors	Orange	111	0.04%	67	0.02%	77	0.03%	124	0.04%
Invista Petrochemical	Orange	100	0.04%	100	0.04%	100	0.04%	500	0.18%
Inland Paperboard/International Paper	Orange	450	0.16%	450	0.17%	450	0.17%	425	0.15%
<b>TOTAL</b>		<b>17 418</b>	<b>6.30%</b>	<b>18 020</b>	<b>6.62%</b>	<b>18 476</b>	<b>6.79%</b>	<b>18 472</b>	<b>6.68%</b>

Employer	City	2013		2012	
		Employees	Percentage of Total	Employees	Percentage of Total
L-3 Communications Integrated Systems	Greenville	5 700	1.97%	5 700	1.97%
Good Shepard Medical Center	Longview	2 607	0.90%	3 500	1.21%
Eastman Chemicals	Longview	1 530	0.53%	1 549	0.53%
Trinity Rail	Longview	1 875	0.65%	1 160	0.40%
Tyson Foods	Center	1 400	0.48%	1 000	0.35%
Longview ISD	Longview	1 352	0.47%	1 312	0.45%
Texas Utilities/Luminant	Henderson	896	0.31%	896	0.31%
DuPont Sabine River Works	Orange	920	0.32%	866	0.30%
Greenville ISD	Greenville	810	0.28%	810	0.28%
Newell Rubbermaid	Greenville	-	0.00%	-	0.00%
Mundy Industrial Contractors	Orange	275	0.09%	275	0.09%
Invista Petrochemical	Orange	732	0.25%	400	0.14%
Inland Paperboard/International Paper	Orange	412	0.14%	500	0.17%
<b>TOTAL</b>		<b>18 509</b>	<b>6.39%</b>	<b>17 968</b>	<b>6.20%</b>

N/A = not available

Source: Community Profiles and Websites from Counties and Communities within the Sabine River Basin

SABINE RIVER AUTHORITY OF TEXAS  
NUMBER OF EMPLOYEES BY IDENTIFIABLE ACTIVITY  
Last Ten Fiscal Years  
(Unaudited)

EXHIBIT 13

	FULL-TIME-EQUIVALENT EMPLOYEES AS OF AUGUST 31,									
	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
<b>Administration:</b>										
Management	21	22	20	18	20	20	20	20	20	21
Administrative Asst/Secretary	13	13	15	13	13	14	14	14	14	16
Accounting	3	3	4	3	3	3	3	3	3	3
GIS	1	1	1	1	1	1	1	1	1	1
Engineer	1	1	1	1	1	1	1	1	1	1
MIS	-	-	-	-	-	-	-	1	1	1
Special Projects	1	2	1	1	1	1	1	1	2	2
<b>Water:</b>										
Environmental Agent/Tech	-	-	-	-	-	-	-	-	4	4
Pumper	3	3	3	3	3	3	3	3	3	3
Equipment Oiler/Operator	20	21	20	19	17	16	16	17	19	19
Mechanic	1	1	1	1	1	1	1	1	1	1
M&O/Field Supervisor	8	7	7	8	8	8	8	7	7	7
Canal Foreman/Crewman	3	2	2	1	1	1	1	1	1	1
Electrician	1	1	-	1	1	1	1	1	1	1
Project Inspector	6	6	6	5	6	5	5	6	1	1
Surveyor/Survey Tech	2	2	3	2	2	2	2	2	2	2
Maintenance Tech	8	8	7	3	3	5	5	5	6	6
Water and Sewer Tech	-	-	-	-	-	-	-	1	1	1
<b>Laboratory:</b>										
Section Leader	1	1	1	1	1	1	1	1	1	1
Laboratory Analyst/Tech	10	8	9	8	7	7	7	7	7	7
Biomonitoring Coordinator	-	-	-	-	-	-	-	1	1	1
Field Coordinator	2	2	2	2	2	2	2	2	2	2
Chemist	-	1	-	-	-	-	-	-	-	-
Quality Assurance Officer	-	1	1	2	1	1	1	-	1	1
Biologist	1	1	1	1	1	2	2	2	2	2
LIMS Administrator	-	-	-	1	1	1	1	1	-	-
Sample Custodian	1	1	1	1	1	1	1	1	1	1
<b>TOTAL EMPLOYEES</b>	<b>107</b>	<b>108</b>	<b>106</b>	<b>96</b>	<b>95</b>	<b>97</b>	<b>97</b>	<b>100</b>	<b>103</b>	<b>106</b>



SABINE RIVER AUTHORITY OF TEXAS  
OPERATING AND CAPITAL INDICATORS  
(Unaudited)

EXHIBIT 14

**Gulf Coast Division Canal System:**

Pumping capacity	265 million gallons per day
Canal system length	82 miles
Permitted water rights	147,100 acre-feet per year

**Lake Tawakoni (Iron Bridge Dam):**

Capacity	927,440 acre-feet
Surface area	36,700 acres
Elevation	437.5 feet mean sea level
Yield	238,100 acre-feet per year

**Toledo Bend Reservoir:**

Capacity	4,477,000 acre-feet
Surface area	185,000 acres
Elevation	172.0 feet mean sea level
Yield	2,086,600 acre-feet per year*
Hydroelectric capacity	81 megawatt hours

\*Half of the yield is allocated to Texas and half is allocated to Louisiana.

**Lake Fork Reservoir:**

Capacity	675,819 acre-feet
Surface area	27,690 acres
Elevation	403.0 feet mean sea level
Yield	188,660 acre-feet per year

Note: Canal system and reservoir information applicable to all years from 2012 through 2021.

# SABINE RIVER AUTHORITY OF TEXAS

Historical Data through  
August 31, 2021

## SRA QUICK REFERENCE

Water Supply Schedules:

Gulf Coast Division .....	90-91
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# WATER SUPPLY SCHEDULE • GULF COAST DIVISION

For the fiscal years ending August 31. Supplied in Million Gallons Daily (MGD)

YEAR	TOTAL	DOW	HONEY- WELL	EN- TERGY	LION ELAS- TOMERS	INT'L PAPER	CHEVRON PHILLIPS	A. SCHUL- MAN INC.	AR- LANEXO, INC.	OPTIMUS STEEL	CITY OF ROSE CITY	NRG INTER- GEN	CRAWFISH & RICE FARMING (IRRIGATION)	MISC. USAGE
1949	43.10	8.60											34.50	
1950	54.47	9.69											44.78	
1951	66.14	10.53											55.61	
1952	48.25	12.61											35.64	
1953	41.06	10.60											30.46	
1954	41.57	0.50	0.15										40.92	
1955	40.08	10.30	0.30					0.05					29.43	
1956	36.30	9.88	1.44		0.54			0.05					24.39	
1957	35.10	10.20	1.44		1.36			0.05					22.10	
1958	35.09	9.48	1.44		1.03								23.14	
1959	43.86	9.28	1.44		1.11			0.04					31.99	
1960	35.37	9.94	1.44		1.11			0.21					22.67	
1961	43.89	10.34	1.44	0.14	1.34			0.21					30.42	
1962	38.95	10.39	0.72	0.27	1.34			0.21					26.02	
1963	36.18	11.11	0.37	0.25	1.24			0.21					23.00	
1964	36.23	11.38	0.47	0.25	1.45			0.21					22.47	
1965	34.51	12.37	0.52	0.25	1.65			0.21					19.51	
1966	42.95	13.00	0.49	0.25	1.77			0.21					27.23	
1967	49.68	14.00	0.38	0.24	1.94	6.07		0.21					26.84	
1968	49.03	12.32	0.40	0.25	2.00	8.85		0.21					25.00	
1969	47.94	12.30	0.38	0.25	2.08	7.60		0.21					25.12	
1970	46.62	15.17	0.40	0.25	1.78	9.33		0.21					19.48	
1971	46.61	15.17	0.40	0.25	1.77	9.33		0.21					19.48	
1972	49.27	16.37	0.45	0.25	1.58	9.80		0.21					20.61	
1973	45.91	12.91	0.40		2.09	11.78	0.90						17.83	
1974	50.63	11.26	0.25		1.77	10.64	1.36						25.35	
1975	50.15	11.95	0.38		1.70	11.24	1.25						23.63	
1976	49.69	14.14	0.34		1.93	8.77	1.15			0.04			23.32	
1977	53.42	15.84	0.39		1.68	7.44	1.17			0.04			26.86	
1978	37.16	15.23	0.32	0.25	1.53	11.88	1.17	0.09		0.80			5.89	
1979	36.85	14.98	0.37	0.25	1.82	11.07	1.35	0.10		0.97			5.94	
1980	41.37	14.61	0.40	3.27	1.60	12.65	1.29	0.10		1.01	0.01		6.14	
1981	47.76	16.65	0.27	6.38	1.68	12.27	1.58	0.10		1.58	0.06		6.63	
1982	41.57	13.84	0.42	4.49	1.33	11.09	1.58	0.08		1.51	0.08		7.13	
1983	36.86	12.96	0.48	4.76	0.16	10.31	1.74	0.01		1.63	0.08		4.68	
1984	40.38	15.17	0.53	5.40	0.26	11.76	1.63	0.01		1.48	0.09		4.00	
1985	40.63	16.65	0.58	4.29	0.27	13.37	1.78	0.01		1.24	0.08		2.27	
1986	39.19	15.94	0.62	3.84	0.27	13.12	1.83	0.002		1.14	0.08		2.31	
1987	45.02	18.62	0.79	3.77	0.32	14.45	1.80	0.002		1.55	0.08		3.58	
1988	50.53	19.93	0.98	4.33	0.30	17.09	1.99	0.002		1.54	0.08		4.28	
1989	52.23	19.29	0.91	4.72	0.34	16.34	2.04	0.20		1.46	0.09		6.81	
1990	50.08	20.85	0.68	4.97	0.35	15.18	1.78	0.23		1.21	0.09		4.72	

Continued on the next page

## WATER SUPPLY SCHEDULE • GULF COAST DIVISION (Cont.)

For the fiscal years ending August 31. Supplied in Million Gallons Daily (MGD)

YEAR	TOTAL	DOW	HONEY- WELL	EN- TERGY	LION ELAS- TOMERS	INT'L PAPER	CHEVRON PHILLIPS	A. SCHUL- MAN INC.	AR- LANXEO, INC.	OPTIMUS STEEL	CITY OF ROSE CITY	NRG INTER- GEN	CRAWFISH & RICE FARMING (IRRIGATION)	MISC. USAGE
1991	47.49	19.03	0.57	4.49	0.33	14.81	1.49	0.007	1.30	1.40	0.08		4.81	
1992	48.10	19.62	0.61	4.12	0.32	15.35	1.90	0.001	1.41	1.20	0.08		2.73	
1993	46.73	19.29	0.69	4.02	0.33	14.91	1.97	0.001	1.78	1.15	0.08		2.51	
1994	47.57	18.91	0.71	4.47	0.44	14.14	2.04	0.001	1.79	1.52	0.08		3.47	
1995	49.23	19.10	0.78	5.44	0.69	15.41	2.27	0.001	1.93	1.64	0.12		1.92	
1996	50.43	20.48	0.76	4.56	0.62	15.71	2.28	0.001	2.07	1.65	0.11		2.27	
1997	52.27	22.33	0.73	4.77	0.70	15.82	2.53	0.001	2.11	1.20	0.07		2.01	
1998	53.26	23.03	0.73	4.26	0.72	17.44	2.40	0.001	2.15	1.23	0.07		2.23	
1999	50.97	22.32	0.55	4.34	0.73	15.57	2.00	0.005	2.64	0.93	0.07		5.82	
2000	50.79	20.29	0.64	5.22	0.63	16.40	2.00	0.005	3.03	0.95	0.08		1.54	
2001	36.73	9.06	0.70	4.31	0.60	16.18	1.46	0.004	2.89	0.86	0.08		1.08	0.37
2002	40.21	14.61	0.61	3.43	0.65	13.98	1.88	0.007	2.91	0.71	0.08		1.09	0.27
2003	48.26	16.44	0.71	3.25	0.95	19.39	0.97	0.010	3.89	0.76	0.09	1.30	0.02	0.48
2004	48.03	16.38	1.03	3.65	0.84	16.98	0.98		3.97	0.83	0.15	1.98	0.09	1.15
2005	41.72	16.03	1.31	2.18	1.04	14.27	0.85		3.20	0.72	0.08	1.90	0.009	0.13
2006	39.75	13.51	1.25	3.31	1.17	14.39	0.78		2.87	0.38	0.09	1.75	0.21	0.04
2007	39.64	13.85	0.68	2.67	1.15	14.69	0.94		2.70	0.41	0.09	2.33		0.13
2008	42.06	13.54	0.57	2.64	1.66	15.70	0.96		2.94	0.58	0.07	2.99	0.40	0.01
2009	37.99	12.10	0.70	2.50	1.00	14.90	0.70		2.50	0.70	0.09	2.50	0.20	0.10
2010	42.74	11.20	0.71	2.80	1.16	17.10	0.82		3.60	1.00	0.07	2.58	1.10	0.60
2011	42.96	14.17	0.55	2.67	0.84	14.89	0.86		3.54	0.73	0.07	2.84	1.12	0.68
2012	43.75	15.25	0.56	1.15	0.56	15.38	0.68		3.44	0.66	0.07	5.06	0.94	0.00
2013	45.80	14.11	0.63	2.46	0.64	16.63	0.82		3.53	1.10	0.07	4.13	1.51	0.17
2014	42.11	14.09	0.88	2.01	0.56	15.55	0.84		3.10	0.49	0.07	3.84	0.68	0.00
2015	43.93	13.69	0.54	2.87	0.82	15.52	0.90		3.16	0.65	0.07	4.57	1.14	0.00
2016	39.83	11.92	0.70	2.97	1.17	14.49	0.93		3.00	0.75	0.07	3.54	0.29	0.00
2017	40.02	10.60	0.57	2.29	0.45	15.43	1.03		2.81	0.87	0.07	5.69	0.21	0.00
2018	42.27	10.93	0.91	1.67	0.74	17.35	0.97		3.06	0.72	0.05	5.46	0.41	0.00
2019	41.17	10.96	0.92	1.57	0.44	16.95	0.97		2.95	0.69	0.04	5.55	0.13	0.00
2020	42.56	10.06	0.91	3.41	0.36	17.95	0.79		2.80	0.74	0.05	5.36	0.13	0.00
2021	40.16	10.24	0.73	2.53	0.41	17.22	0.98		2.80	0.72	0.06	4.05	0.42	0.00

## WATER SUPPLY SCHEDULE • TOLEDO BEND DIVISION

For the fiscal years ending August 31. Supplied in Million Gallons Daily (MGD)

YEAR	TOTAL	CITY OF HUXLEY	CITY OF HEMPHILL	G-M WSC	TENASKA OPERATIONS, INC.	MINING CLASSIC, XTO	MISCELLANEOUS WATER USAGE
1972	0.02						0.02
1973	0.03						0.03
1974	0.04						0.04
1975	0.06	0.02					0.04
1976	0.11	0.05					0.06
1977	0.35	0.06	0.19				0.10
1978	0.37	0.09	0.20				0.08
1979	0.34	0.08	0.19				0.07
1980	0.48	0.09	0.27				0.12
1981	0.54	0.11	0.34				0.09
1982	0.62	0.12	0.42				0.08
1983	0.59	0.13	0.38				0.08
1984	0.72	0.15	0.56				0.11
1985	0.84	0.16	0.57				0.11
1986	0.95	0.15	0.70				0.10
1987	0.99	0.15	0.72				0.12
1988	0.96	0.16	0.70				0.10
1989	0.92	0.17	0.66				0.09
1990	0.97	0.18	0.69				0.10
1991	0.98	0.20	0.70				0.09
1992	0.98	0.23	0.67				0.08
1993	1.14	0.31	0.70				0.12
1994	1.04	0.18	0.72				0.14
1995	1.04	0.17	0.72				0.15
1996	1.38	0.16	1.02				0.20
1997	1.25	0.17	0.96				0.13
1998	1.34	0.22	0.96				0.16
1999	1.25	0.22	0.88				0.15
2000	1.36	0.24	0.96				0.16
2001	2.40	0.24	0.85		1.16		0.15
2002	4.21	0.25	1.02		2.82		0.13
2003	4.41	0.24	0.83		3.28		0.06
2004	4.07	0.22	0.75		3.04		0.06
2005	3.95	0.22	0.84		2.84		0.05
2006	4.62	0.22	0.79		3.55		0.06
2007	3.77	0.22	0.65		2.84		0.06
2008	3.88	0.19	0.60		3.03		0.07
2009	2.70	0.18	0.59		1.88		0.05
2010	3.32	0.17	0.64		2.46		0.05
2011	3.42	0.17	0.70		2.36	0.13	0.06
2012	4.56	0.16	0.59		3.29	0.47	0.05
2013	4.22	0.17	0.59		3.14	0.28	0.04
2014	4.18	0.20	0.61		2.81	0.52	0.04
2015	4.46	0.19	0.40	0.18	3.24	0.43	0.02
2016	4.94	0.19	0.33	0.31	3.46	0.56	0.09
2017	3.19	0.22	0.38	0.35	2.07	0.09	0.08
2018	5.28	0.19	0.38	0.36	2.47	1.81	0.07
2019	6.45	0.20	0.35	0.34	2.81	2.73	0.02
2020	4.73	0.16	0.37	0.39	3.41	0.39	0.01
2021	5.18	0.17	0.41	0.41	2.75	1.43	0.01

**TOLEDO BEND RESERVOIR DATA • For the fiscal years ending August 31**

YEAR	MEGAWATT HOURS POWER GENERATED			WATER RELEASES AT DAM (1,000 AC-FT) FOR THRU SPILLWAY			LAKE ELEVATION LAST DAY OF YEAR FT. M.S.L.	ANNUAL RAINFALL INCHES
	PRIME	SECONDARY	TOTAL	FOR POWER	TOTAL	TOTAL		
1971	14,804	39,158	53,962	780.35	72.64	852.99	168.9	43.22
1972	34,048	128,087	162,135	2,381.49	68.46	2,449.95	168.3	57.63
1973	156,052	183,192	339,244	5,130.22	820.21	5,950.43	170.2	72.13
1974	72,058	280,924	352,982	5,371.21	993.71	6,364.92	168.1	52.66
1975	72,781	366,032	438,813	6,559.87	726.80	7,286.67	169.6	79.44
1976	131,543	47,487	179,030	2,547.69	61.56	2,609.25	168.9	53.87
1977	75,494	118,336	193,830	2,788.76	44.03	2,832.79	168.2	44.74
1978	48,558	37,571	86,129	1,280.88	58.98	1,339.86	168.1	40.72
1979	72,249	286,500	358,749	5,339.78	779.75	6,119.53	169.9	63.79
1980	59,348	183,336	242,684	3,661.29	640.26	4,301.55	168.6	55.37
1981	63,307	10,036	73,343	1,099.35	136.72	1,236.07	168.6	40.90
1982	67,958	-0-	67,958	1,032.06	899.69	1,931.75	168.9	51.34
1983	53,149	228,286	281,435	4,312.85	1,001.45	5,314.30	169.0	75.63
1984	29,873	131,653	161,526	2,463.50	131.84	2,595.34	168.2	53.62
1985	54,561	145,226	199,787	2,904.88	129.84	3,034.72	168.3	46.64
1986	108,129	123,824	231,953	3,365.58	302.14	3,667.72	169.4	52.10
1987	48,548	235,861	284,409	4,229.98	122.64	4,352.62	166.0	61.79
1988	25,045	180,262	205,307	3,045.76	130.73	3,176.49	167.5	48.96
1989	53,044	251,347	304,391	4,637.04	1,778.49	6,415.53	170.3	60.23
1990	69,344	280,797	350,141	5,190.33	798.41	5,988.74	167.8	47.89
1991	44,110	293,719	337,829	5,115.02	1,535.43	6,650.45	169.8	64.80
1992	62,728	313,553	376,281	5,580.32	667.36	6,247.68	169.1	55.40
1993	57,949	296,233	354,182	5,333.34	351.44	5,684.78	167.9	52.72
1994	54,236	161,145	215,381	3,382.03	133.37	3,515.40	170.3	52.60
1995	80,189	405,194	485,383	5,720.85	665.16	6,386.01	167.8	54.38
1996	26,053	7,290	33,343	442.54	145.10	587.64	165.2	42.02
1997	52,491	186,648	239,139	3,438.93	1,795.45	5,234.38	170.3	58.90
1998	55,330	241,396	296,727	4,278.58	705.40	4,983.98	164.5	54.44
1999	70,156	249,573	319,729	4,719.81	882.64	5,602.45	168.0	76.83
2000	62,892	17,789	80,681	1,121.24	127.19	1,248.43	168.8	42.25
2001	66,639	248,714	315,353	4,713.73	1,862.62	6,576.35	168.2	59.91
2002	64,021	169,904	233,925	3,372.89	1,613.49	4,986.38	167.5	49.96
2003	61,690	127,106	188,796	2,653.30	1,125.52	3,778.82	167.8	61.93
2004	71,428	114,101	185,529	2,623.94	1,110.80	3,734.74	169.2	61.70
2005	65,674	210,600	276,274	4,126.21	128.78	4,254.99	164.3	52.12
2006	62,016	8,354	70,370	1,043.84	138.19	1,182.03	164.2	41.10
2007	56,762	116,194	172,956	2,629.63	306.76	2,936.39	171.0	69.82
2008	64,003	132,662	196,665	2,863.27	577.21	3,440.48	168.1	41.24
2009	52,913	83,631	136,544	1,934.87	137.63	2,072.50	168.5	51.06
2010	38,270	266,757	305,027	4,343.56	1,139.70	5,483.26	167.3	51.67
2011	8,579	29,780	38,359	589.73	153.51	743.24	161.3	28.05
2012	19,618	40,991	60,609	907.01	232.49	1,139.50	168.6	65.82
2013	19,216	53,662	72,878	1,091.95	139.63	1,231.58	167.6	39.81
2014	38,539	84,177	122,716	1,797.93	136.53	1,934.46	170.7	52.55
2015	79,272	214,308	293,580	4,299.79	1,605.82	5,905.61	169.6	55.37
2016	43,960	233,973	277,933	4,096.53	5,577.79	9,674.32	170.2	77.85
2017	56,609	55,800	112,409	1,655.67	336.87	1,992.54	173.5	71.09
2018	67,691	128,735	196,426	3,044.40	1,566.20	4,610.60	168.1	45.56
2019	189,999	335,767	525,766	7,425.28	2,569.56	9,994.84	165.5	69.10
2020	94,839	127,313	222,152	3,458.18	797.73	4,255.91	169.7	59.79
2021	173,506	145,801	319,307	5,061.96	1,275.34	6,337.30	168.7	69.41

# WATER SUPPLY SCHEDULE • LAKE TAWAKONI DIVISION

For the fiscal years ending August 31. Supplied in Million Gallons Daily (MGD)

YEAR	TOTAL	DALLAS	GREEN-VILLE	POINT	WILLS POINT	EMORY	CASH	TERRELL	WEST TAWAKONI	COM-MERCE	MAC BEE W.S.C.	EDGE-WOOD	COMBINED CONSUMER SUB	SOUTH TAWAKONI W.S.C.	ABLE SPRINGS W.S.C.	NTMWD INTERIM	MISC. USAGE
1964	42.33	42.20		0.03													0.10
1965	32.38	30.86	1.29	0.03	0.06												0.14
1966	30.11	26.71	3.01	0.03	0.20												0.16
1967	33.44	30.54	2.38	0.03	0.24												0.25
1968	35.77	35.17	0.17	0.03	0.30												0.10
1969	43.63	42.96	0.21	0.03	0.27												0.16
1970	43.81	41.99	1.29	0.05	0.30												0.18
1971	57.10	53.00	3.39	0.06	0.33		0.10										0.22
1972	48.87	45.39	2.24	0.07	0.41	0.06	0.42										0.28
1973	47.01	43.79	1.73	0.07	0.41	0.24	0.46		0.03								0.28
1974	39.08	37.55	- 0 -	0.07	0.48	0.27	0.47		0.07								0.17
1975	18.84	17.13	- 0 -	0.06	0.52	0.30	0.61		0.07								0.15
1976	26.72	21.36	3.69	0.07	0.50	0.31	0.52		0.14								0.13
1977	29.25	25.59	1.75	0.07	0.60	0.38	0.57		0.17								0.12
1978	50.97	45.55	2.73	0.09	0.63	0.37	0.71		0.23	0.59							0.07
1979	64.13	59.35	1.88	0.09	0.55	0.37	0.68		0.36	0.73							0.12
1980	45.55	38.88	3.43	0.08	0.58	0.47	0.79		0.35	0.84							0.13
1981	52.15	45.23	3.85	0.08	0.65	0.51	0.74		0.31	0.65							0.13
1982	23.41	19.02	1.34	0.09	0.61	0.45	0.71		0.19	0.82							0.18
1983	39.18	35.01	1.44	0.09	0.68	0.49	0.71		0.23	0.30							0.23
1984	67.93	59.33	2.80	0.12	0.77	0.49	1.12	0.002	0.27	0.89							0.41
1985	53.32	48.31	1.06	0.13	0.83	0.55	0.73	- 0 -	0.24	1.16							0.31
1986	98.41	94.00	1.30	0.20	0.78	0.48	0.59	- 0 -	0.22	0.57							0.27
1987	82.80	78.81	0.53	0.17	0.83	0.44	0.61	- 0 -	0.47	0.69							0.25
1988	118.35	109.93	2.90	0.15	0.96	0.61	0.67	- 0 -	0.22	0.80							0.34
1989	103.52	98.52	1.45	0.16	0.94	0.65	0.57	- 0 -	0.19	0.77							0.27
1990	102.11	96.02	2.22	0.17	0.99	0.59	0.67	0.003	0.18	0.97							0.30
1991	99.56	93.38	2.02	0.14	0.95	0.54	0.70	0.005	0.25	1.25							0.28
1992	82.38	77.18	1.34	0.15	0.91	0.47	0.66	- 0 -	0.23	1.18							0.26
1993	108.49	102.40	1.98	0.17	0.95	0.52	0.66	0.009	0.23	1.22							0.35
1994	83.41	77.00	2.18	0.14	0.86	0.51	0.63	- 0 -	0.30	1.15	0.18				0.004		0.46
1995	47.06	40.65	1.05	0.14	0.82	0.59	0.73	0.003	0.30	1.34	0.36	0.12			0.19		0.46
1996	132.56	118.77	7.47	0.11	0.85	0.63	0.82	0.55	0.26	1.10	0.36	0.27	0.41		0.18		0.19
1997	86.75	77.86	2.68	0.12	0.77	0.64	0.74	0.59	0.31	1.05	0.45	0.003	0.56		0.15		0.12
1998	129.63	119.35	3.99	0.16	0.65	0.82	0.92	0.007	0.33	1.39	0.52	0.003	0.85	0.30	0.19		0.15
1999	127.18	119.09	2.10	0.14	0.61	0.77	0.92	0.003	0.31	1.42	0.51	<0.001	0.72	0.28	0.20		0.11
2000	121.88	111.05	4.40	0.15	0.66	0.75	1.11	0.005	0.31	1.47	0.53	0.008	0.63	0.28	0.30		0.11
2001	161.31	152.95	1.84	0.18	0.69	0.92	1.02	0.003	0.34	1.50	0.46	- 0 -	0.69	0.32	0.28		0.11
2002	126.17	118.91	1.05	0.18	0.56	0.72	0.92	0.002	0.57	1.58	0.40	- 0 -	0.60	0.32	0.26		0.09
2003	76.26	67.15	3.02	0.21	0.57	0.87	0.97	- 0 -	0.41	1.35	0.44	- 0 -	0.66	0.30	0.26		0.05
2004	38.44	28.51	3.71	0.20	0.56	0.79	1.01	0.002	0.40	1.55	0.44	- 0 -	0.61	0.32	0.25		0.08

Continued on the next page

## WATER SUPPLY SCHEDULE • LAKE TAWAKONI DIVISION (Cont.)

For the fiscal years ending August 31. Supplied in Million Gallons Daily (MGD)

YEAR	TOTAL	DALLAS	GREEN-VILLE	POINT	WILLS POINT	EMORY	CASH	TERRELL	WEST TAWAKONI	COM-MERCE	MAC BEE W.S.C.	EDGE-WOOD	COMBINED CONSUMER SUD	SOUTH TAWAKONI W.S.C.	ABLE SPRINGS W.S.C.	NTMWD INTERIM	MISC. USAGE
2005	131.65	119.74	2.82	0.24	0.52	0.94	1.10	2.55	0.38	1.41	0.52	0.03	0.64	0.35	0.27	- 0 -	0.14
2006	165.92	146.49	7.31	0.19	0.59	0.94	1.37	5.21	0.39	1.20	0.57	0.17	0.69	0.37	0.26	- 0 -	0.17
								NTMWD/ TERRELL									
2007	127.89	117.05	3.73	0.17	0.48	0.79	1.06	1.34	0.72	0.88	0.47	0.04	0.54	0.28	0.21	- 0 -	0.13
2008	80.44	68.12	4.59	0.15	0.23	0.76	1.13	2.04	0.23	1.21	0.52	0.003	0.64	0.32	0.23	- 0 -	0.27
2009	140.70	81.15	5.88	0.15	0.46	0.83	1.12	16.05	0.21	1.28	0.50	0.003	0.63	0.31	0.23	31.65	0.24
2010	37.20	4.65	1.85	0.19	0.64	0.80	1.27	9.00	0.22	1.37	0.58	<0.001	0.65	0.39	0.26	15.17	0.17
2011	86.68	42.13	6.00	0.16	0.75	0.91	1.32	9.00	0.22	1.83	0.66	0.30	0.68	0.41	0.20	21.96	0.15
2012	70.41	31.59	5.41	0.18	0.62	0.81	1.28	9.00	0.22	1.22	0.84	0.20	0.60	0.36	- 0 -	17.94	0.13
															NTMWD/ ABLE SPRINGS W.S.C.		
2013	131.03	84.19	5.42	0.16	0.59	0.82	1.07	9.00	0.23	0.84	0.62	0.03	0.64	0.30	- 0 -	27.00	0.12
2014	141.32	104.90	3.77	0.16	0.60	0.90	1.12	9.00	0.22	0.75	0.56	0.19	0.66	0.29	- 0 -	18.12	0.08
2015	56.69	26.23	3.32	0.17	0.49	0.90	1.32	9.00	0.20	0.43	0.54	0.14	0.70	0.31	- 0 -	12.88	0.06
2016	47.44	23.94	2.86	0.23	0.58	0.83	1.27	9.00	0.22	0.78	0.52	0.11	0.74	0.39	0.30	5.60	0.07
2017	63.54	16.83	4.66	0.24	0.52	0.74	1.10	8.94	0.19	0.80	0.55	0.23	0.68	0.33	0.17	27.46	0.10
2018	45.37	7.05	8.94	0.20	0.77	0.86	1.26	8.98	0.23	1.04	0.65	0.25	0.76	0.33	0.59	13.36	0.10
2019	24.90	0.36	1.80	0.21	0.71	0.83	1.35	7.48	0.21	1.02	0.56	0.22	0.72	0.27	0.66	8.42	0.08
2020	39.91	0.19	3.24	0.25	0.71	0.95	1.53	9.80	0.18	0.83	0.58	0.26	0.74	0.33	1.75	18.45	0.12
2021	29.46	0.02	2.42	0.34	0.66	0.95	1.51	6.85	0.21	1.09	0.56	0.31	0.75	0.34	0.56	12.82	0.07



## WATER SUPPLY SCHEDULE • LAKE FORK DIVISION

For the fiscal years ending August 31. Supplied in Million Gallons Daily (MGD)

YEAR	TOTAL	CITY OF DALLAS	CITY OF LONGVIEW	CITY OF KILGORE	CITY OF HENDERSON	CITY OF QUITMAN	BRIGHT STAR SALEM	EASTMAN CHEMICAL	MISC. USAGE
1986	6.65		6.65			- 0 -			
1987	6.02		6.02			- 0 -			
1988	6.66		6.66			- 0 -			
1989	6.13		6.13			- 0 -			
1990	11.46		8.13			0.21		3.12	
1991	3.25		2.96			0.29		- 0 -	
1992	4.29		4.00			0.29		- 0 -	
1993	4.08		3.77			0.31		- 0 -	
1994	4.44		4.12			0.32		- 0 -	
1995	6.57		5.45	0.79		0.33		- 0 -	
1996	11.95		9.66	2.00		0.29		- 0 -	
1997	9.72		7.41	2.00		0.31		- 0 -	
1998	7.24		4.93	2.00		0.31		- 0 -	
1999	8.39		6.03	2.00		0.36		- 0 -	
2000	13.40		10.84	2.00	0.19	0.37		- 0 -	
2001	15.52		12.14	2.00	1.04	0.34		- 0 -	
2002	16.83		13.00	2.00	1.50	0.33		- 0 -	
2003	18.01		14.68	2.00	1.00	0.33		- 0 -	
2004	18.07		14.74	2.00	1.00	0.33		- 0 -	
2005	18.35		15.00	2.00	1.00	0.35		- 0 -	
2006	11.52		7.69	2.00	1.10	0.40		0.33	
2007	12.59		6.50	2.00	1.01	0.31		2.77	
2008	5.67		2.51	2.00	0.86	0.30		- 0 -	
2009	6.98	0.22	3.51	2.00	0.96	0.29		- 0 -	
2010	24.70	18.80	2.50	2.00	1.00	0.30		- 0 -	
2011	33.50	26.50	3.80	2.00	0.90	0.30		- 0 -	
2012	30.39	20.03	7.09	2.00	0.99	0.28		- 0 -	
2013	21.79	12.53	5.68	2.00	1.15	0.26		- 0 -	0.17
2014	28.41	19.06	4.65	2.00	1.21	0.24	0.02	- 0 -	0.00
2015	76.27	68.91	4.14	2.00	0.88	0.26	0.08	- 0 -	0.00
2016	65.61	58.11	4.32	2.00	0.77	0.27	0.14	- 0 -	0.00
2017	51.62	42.34	6.00	2.00	0.90	0.25	0.13	- 0 -	0.00
2018	28.75	18.81	6.2	2.00	1.30	0.27	0.17	- 0 -	0.00
2019	58.21	50.22	4.26	2.00	1.30	0.25	0.18	- 0 -	0.00
2020	52.13	45.00	3.26	2.00	1.30	0.25	0.18	- 0 -	0.14
2021	51.98	45.00	3.26	2.00	1.30	0.24	0.18	- 0 -	0.00

**LABORATORY SAMPLES ANALYZED • For the fiscal years ending August 31**

YEAR	INDUSTRIAL	MUNICIPAL	GULF COAST DIVISION	IRON BRIDGE DIVISION	LAKE FORK DIVISION	TOLEDO BEND DIVISION	OTHER	TOTAL	NUMBER OF TESTS
1973	457	204	194	45		17	28	945	
1974	790	233	201	53		28	76	1,381	
1975	856	303	182	61	48	21	411	1,882	11,525
1976	1,063	344	236	58	84	31	774	2,590	16,603
1977	1,455	392	456	28	84	40	931	3,386	20,700
1978	1,582	303	475	29	131	79	982	3,581	21,977
1979	3,211	248	472	66	154	106	670	3,345	22,324
1980	1,590	328	473	60	151	91	762	3,455	24,381
1981	1,909	266	483	55	126	53	938	3,830	24,685
1982	1,414	336	451	57	94	89	851	3,292	19,936
1983	1,622	271	477	104	98	100	644	3,300	19,775
1984	1,230	285	436	81	122	85	752	2,991	18,483
1985	992	331	249	58	87	125	737	2,579	16,914
1986	774	465	239	87	118	140	93	1,916	14,391
1987	1,126	245	263	90	100	205	96	3,125	14,645
1988	1,519	2,412	205	115	114	120	93	4,578	17,835
1989	1,325	2,665	220	113	84	119	652	5,178	17,451
<b>NUMBER OF TESTS PERFORMED</b>									

YEAR	INDUSTRIAL	MUNICIPAL	WATERSHED MONITORING PROGRAM	QUALITY ASSURANCE	TOTAL
1991	3,173	4,630	12,338	2,298	22,439
1992	6,360	4,276	13,919	2,512	27,067
1993	8,908	4,716	14,317	3,640	31,581
1994	9,516	4,774	21,969	8,555	44,923
1995	9,183	4,228	19,172	14,948	47,532
1996	8,225	4,819	16,023	15,333	44,400
1997	9,525	5,308	21,771	15,431	52,035
1998	7,205	5,699	24,293	11,526	48,723
1999	9,999	7,265	43,509	16,033	76,806
2000	8,159	6,019	24,094	15,504	53,776
2001	9,595	6,494	25,882	14,995	56,966
2002	9,134	6,285	22,231	16,101	53,751
2003	9,796	5,996	21,195	15,845	52,832
2004	9,052	6,977	39,269	20,396	75,714
2005	8,984	7,039	32,463	23,716	72,202
2006	8,665	7,488	40,120	26,793	83,066
2007	8,412	7,490	29,341	23,256	68,499
2008	8,621	8,244	24,244	24,197	65,306
2009	6,419	8,186	23,143	19,463	57,211
2010	5,662	9,509	23,909	24,145	63,225
2011	8,081	8,851	24,486	26,622	68,040
2012	7,124	7,154	23,726	22,751	60,755
2013	8,327	6,428	26,600	25,366	66,721
2014	8,253	6,681	24,433	25,955	65,322
2015	7,742	7,241	39,692	30,691	85,366
2016	9,347	8,849	44,191	28,043	90,430
2017	10,550	10,503	48,770	27,267	97,090
2018	8,628	10,806	48,183	24,473	92,090
2019	6,978	11,203	50,647	24,296	93,124
2020	6,460	9,510	36,861	19,701	72,532
2021	7,148	10,831	40,941	22,841	81,761

In 1991, the Water Quality Monitoring programs were combined into a single Watershed Monitoring Program. The table now indicates the number of tests performed rather than the number of samples analyzed.

## MISCELLANEOUS STATISTICAL DATA

Authority Created Under.....	Vernon's Civil Statutes, Article 8280-133
Year Created .....	1949
Domicile .....	Orange, Texas
Last Revision of Enabling Act.....	1991
Population of District (2019 Est.).....	618,536
Area of District .....	7,426 sq.mi.
Average Annual Rainfall of District .....	50 inches for Sabine Basin
Number of Employees .....	107

### OFFICES:

General Office .....	Orange, Texas
Gulf Coast Division .....	Orange, Texas
Toledo Bend Division & Parks and Recreation Division .....	Burkeville, Texas
Lake Fork Division.....	Quitman, Texas
Lake Tawakoni Division .....	Point, Texas
Environmental Services Division.....	Orange, Texas

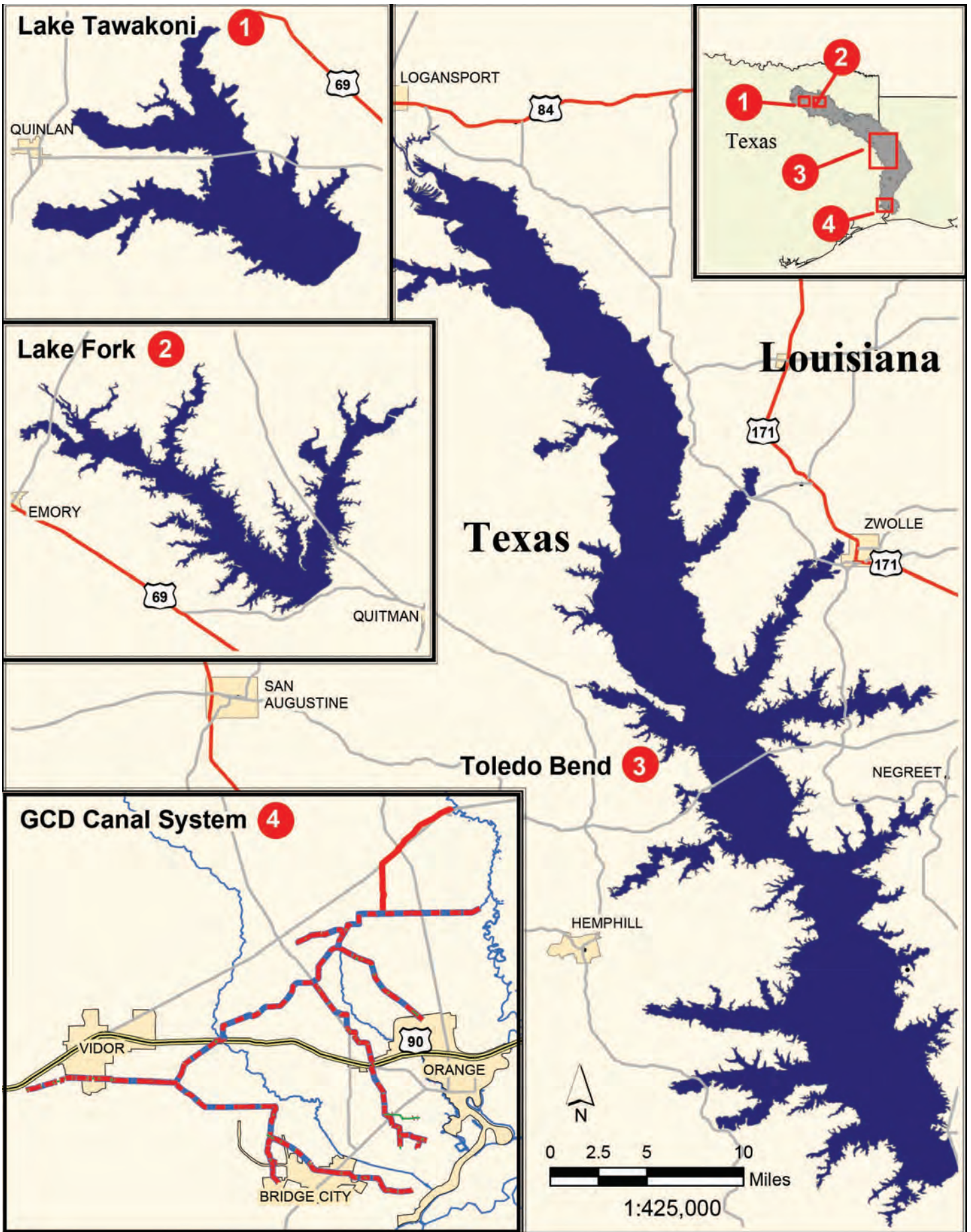
### RIVERS:

Sabine	
Total River Miles .....	580
Average Annual Flow (50 years at Ruliff) .....	6,206,449 acre-feet/year

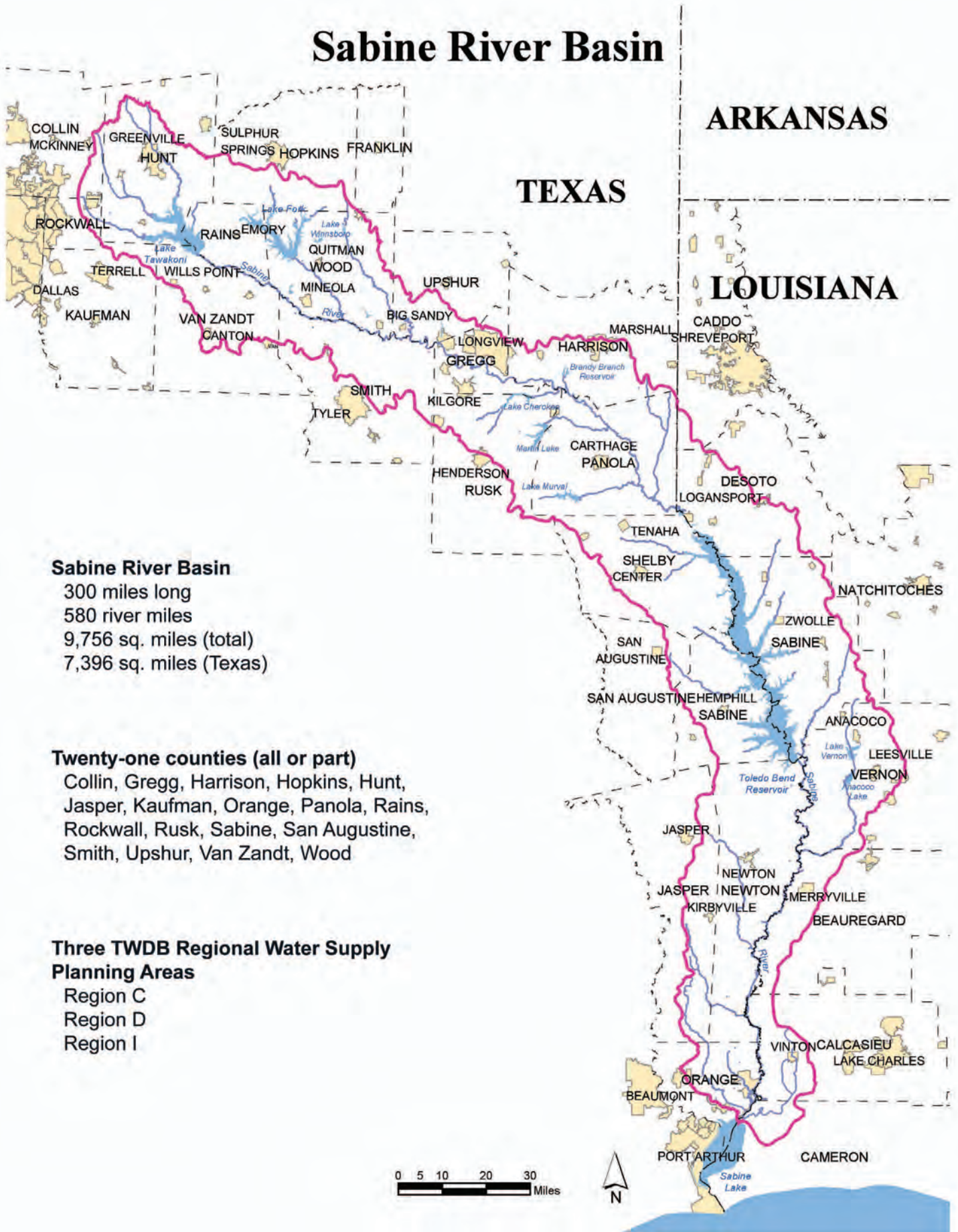
### RESERVOIRS AND CANAL SYSTEM:

Toledo Bend Reservoir	
Conservation Pool	
Capacity .....	4,477,000 acre-feet
Surface Area.....	185,000 acres
Elevation .....	172.0 ft. (MSL)
Yield* .....	2,086,600 acre-feet/year
Hydroelectric Information	
Capacity .....	81 megawatts
Average Annual Production (50 years) .....	228,040 megawatt hours
Lake Fork Reservoir	
Conservation-Pool	
Capacity .....	675,819 acre-feet
Surface Area.....	27,690 acres
Elevation .....	403.0 ft. (MSL)
Yield .....	188,660 acre-feet/year
Lake Tawakoni Reservoir	
Conservation-Pool	
Capacity .....	927,440 acre-feet
Surface Area.....	36,700 acres
Elevation .....	437.5 (MSL)
Yield .....	238,100 acre-feet/year
Gulf Coast Division Canal System	
Pumping Capacity (John W. Simmons Pump Station) .....	180 million gallons/day
Pumping Capacity (Earl Williams Pump Station) .....	85 million gallons/day
Canal Length .....	75 miles
Transmission Pipeline .....	7 miles
Permitted Water Rights .....	147,100 acre-feet/year

\* Toledo Bend Reservoir yield is evenly allocated to the states of Texas and Louisiana



# Sabine River Basin



## Sabine River Basin

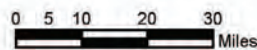
- 300 miles long
- 580 river miles
- 9,756 sq. miles (total)
- 7,396 sq. miles (Texas)

## Twenty-one counties (all or part)

- Collin, Gregg, Harrison, Hopkins, Hunt,
- Jasper, Kaufman, Orange, Panola, Rains,
- Rockwall, Rusk, Sabine, San Augustine,
- Smith, Upshur, Van Zandt, Wood

## Three TWDB Regional Water Supply Planning Areas

- Region C
- Region D
- Region I





**Authority General Office**

**Main Office**

P.O. Box 579  
Orange, TX 77631  
(409) 746-2192  
(409) 746-3780 fax

**Toledo Bend Division &  
Parks and Recreation Division**

**Toledo Bend Reservoir**

450 Spur 135  
Burkeville, TX 75932  
(409) 565-2273  
(409) 565-2338 fax

**Lake Fork Division**

**Lake Fork Reservoir**

353 PVT Rd 5183  
Quitman, TX 75783  
(903) 878- 2262  
(903) 878- 2416 fax

**Lake Tawakoni Division**

**Lake Tawakoni Reservoir**

169 RS CR 1480  
Point, TX 75472  
(903) 598-2216  
(903) 598-2992 fax

**Gulf Coast Division**

**Pumping Plant**

1922 I-P Way  
Orange, TX 77632  
(409) 746-2111  
(409) 746-9151 fax

**Environmental Services Division**

**Lower Basin Laboratories**

**And Field Office**

1895 I-P Way  
Orange, TX 77632  
(409) 746-3284  
(409) 746- 2249 fax

**Environmental Services Division**

**Water Quality Upper Basin**

**Field Office**

353 PVT Rd 5138  
Quitman, TX 75783  
(903) 878-2262  
(903) 878-2416 fax

[www.sratx.org](http://www.sratx.org)

