

# **Water Conservation Plan**

for

**San Jacinto River Authority  
GRP Division**

Prepared by

**San Jacinto River Authority**

**Adopted: April 25, 2024**

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## Section 1. Introduction

In 1996, severe drought conditions affected every region of the State. Water systems throughout the State were forced to cope with water shortages or system capacity problems. In response to the 1996 drought, the 75<sup>th</sup> Texas Legislature enacted Senate Bill 1, which directed the State to take a regional approach to water planning. One of the provisions of the legislation required the Texas Commission on Environmental Quality (TCEQ) to adopt rules requiring wholesale and retail public water suppliers to develop water conservation and drought contingency plans.<sup>1</sup>

Water conservation and drought contingency plans work together to help Texans manage short-term and long-term water shortages. The goal of a water conservation plan is to achieve lasting, long-term improvements in water use efficiencies using strategies to reduce the amount of water withdrawn from a particular source, and to ensure that the water withdrawn is used in an efficient manner. Drought contingency plans are short-term in nature, using temporary supply and demand management measures in response to temporary and potentially recurring water shortages and other emergencies.

The San Jacinto River Authority (SJRA), as a water right holder and wholesale water supplier, is required to submit a Water Conservation and Drought Contingency Plan to the TCEQ and Texas Water Development Board (TWDB). SJRA was created by the Texas Legislature in 1937 to:

*“Provide water for domestic, municipal, commercial, industrial and mining purposes within and without the watershed of [the San Jacinto River], including water supplies for cities, towns and industries, and in connection therewith to construct or otherwise acquire water transportation, treatment and distribution facilities and supplemental sources of water.”<sup>2</sup>*

The SJRA watershed includes all of Montgomery County and portions of Waller, Grimes, Walker, San Jacinto, Fort Bend, and Liberty Counties (Figure 1-1). The SJRA also serves customers and is authorized to operate in east Harris County through an agreement with the City of Houston.

SJRA is governed by a Board of Directors. The General Manager oversees approximately 170 employees and all facilities across five divisions: Lake Conroe, Highlands, Groundwater Reduction Plan (GRP), Woodlands, and Flood Management. The following is provided as the Water Conservation Plan (including utility description, service area description, and customer data) for the GRP Division (the Division). The Division’s Drought Contingency Plan is provided under a separate cover.

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<sup>1</sup> Senate Bill 1, 75th Legislature, Section 12.1272 of the Texas Water Code.

<sup>2</sup> House Bill No. 832, 45th Legislature, Regular Session, Austin, TX, 1937.

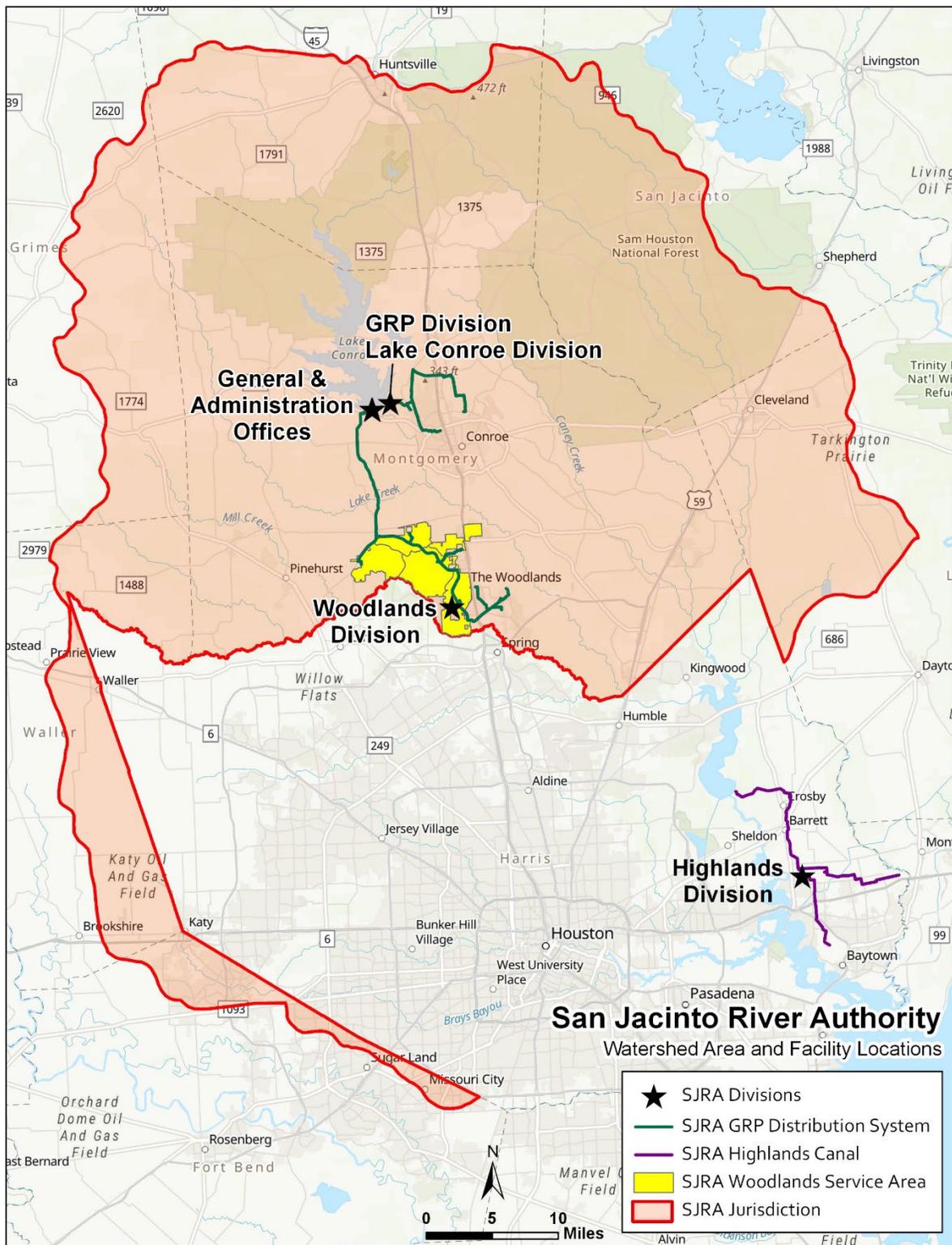


Figure 1-1. Watershed Area and Facility Locations

## **Section 2. Utility and Service Area Description**

### **2.1 Utility Description**

The Division's goal is to provide treated surface water to its GRP Participants in such a way that allows the GRP Participants to maintain compliance with the Lone Star Groundwater Conservation District (LSGCD) District Regulatory Plan (DRP) and provide supplemental potable water to Montgomery County. Through their research and permitting efforts, LSGCD determined that groundwater production in Montgomery County exceeded the sustainable recharge rate and in response established certain requirements to reduce groundwater use. Phase I of the LSGCD DRP, which was adopted in 2006, established a target for sustainable production. DRP Phase II(A) was adopted in 2008 and required entities or groups of entities permitted to produce 10 million gallons per year of groundwater (Large Volume Groundwater Users, or LVGUs) to assess future water needs and potential alternative supplies. Phase II(B) of the DRP required that all LVGUs either individually or in conjunction with others reduce their groundwater production to not more than 70% of their year 2009 permitted production (Total Qualifying Demand) no later than January 2016. In late 2019, LSGCD adjusted their rules to remove the GRP designations as well as the requirement for groundwater withdrawal reduction.

The Division began to actively provide surface water on a wholesale basis in September 2015 in order to meet LSGCD requirements at the time. Although not all GRP Participants receive surface water from the Division, this water conservation plan will be applied equally to all GRP Participants.

SJRA operates Lake Conroe, one of two major surface water supply reservoirs located in the San Jacinto River Basin. Completed in 1973, Lake Conroe is owned by SJRA and the City of Houston. SJRA owns one-third (33,333 ac-ft/yr) and the City of Houston owns two-thirds (66,667 ac-ft/yr) of the total 100,000 ac-ft/yr of permitted water rights from the lake under Certificate of Adjudication (COA) 10-4963. Lake Houston, which is owned by the City of Houston, is the other surface water supply reservoir in the basin.

SJRA's portion of the Lake Conroe water right plus a long-term water supply contract with the City of Houston for its water in Lake Conroe is used by the Division to meet the needs of its GRP Participants, as well as future needs. The SJRA's water right for Lake Conroe (33,333 ac-ft/yr) is permitted for multiple uses. The Division serves municipal customers by supplying wholesale surface water.

### **2.2 Service Area Description**

The approximately 2,453 square mile area of SJRA's jurisdiction within the San Jacinto River Basin is bounded on the north and the east by the Trinity River Basin and the Trinity-San Jacinto Coastal Basin, on the west by the Brazos River Basin, and on the south by Harris County. However, the GRP

Participants are located in Montgomery County (approximately 1,077 square miles). A map of the Division, showing the location of the Participants, is provided below (Figure 2-1). Prior to the LSGCD conversion deadline of January 1, 2016, the Division began to supply select GRP Participants with water from Lake Conroe, with additional GRP Participants served with Lake Conroe supplies for subsequent conversion phases of implementation. Other GRP Participants will continue to utilize their current groundwater sources. Some GRP Participants may potentially also utilize other alternative water sources (Catahoula Formation groundwater, reuse, etc.) in conjunction with existing groundwater supplies or treated surface water. The Division does not own or operate wastewater infrastructure.

Prior to the surface water conversion, SJRA did not actively provide treated surface water to GRP Participants. Table 2-1 summarizes GRP Participant water use by source for 2023. It is estimated that total GRP Participant water demand was 72.32 MGD, of which 13.76 MGD was met by SJRA treated surface water.

The Division's service area is distributed across an extensive portion of Montgomery County, encompassing a large number of the communities south and east of Lake Conroe. The Division's infrastructure reaches GRP Participants through a phased development process, with the first phase of water distribution pipelines installed and operational prior to the LSGCD conversion deadline of January 1, 2016. The first phase provides treated Lake Conroe water supplies to the City of Conroe, The Woodlands, and several adjacent entities. Additional GRP Participants may be served in future phases by expansion of the transmission system. As of 2023, the Division included 151 GRP Participants. The largest Participants are The Woodlands and the City of Conroe.

The Woodlands is a master-planned community located in southern Montgomery County, Texas on IH-45 just north of the Harris County line. The Woodlands is made up of eleven individual Municipal Utility Districts (MUDs) ("The Woodlands Districts"), ten of which are operated and managed through The Woodlands Water Agency (WWA), along with Harris-Montgomery County MUD No. 386 which is not part of the WWA. The WWA provides retail water and wastewater services to The Woodlands community. The Woodlands Districts purchases wholesale groundwater and wastewater treatment services from SJRA through the SJRA Woodlands Division. The Woodlands started receiving treated surface water from the GRP Division by the LSGCD conversion deadline of 2016 and The Woodlands MUDs have continued to be wholesale groundwater customers of the SJRA Woodlands Division.

The City of Conroe is the county Seat of Montgomery County and is located southeast of Lake Conroe near the intersection of IH-45 and Hwy 105. Conroe has grown rapidly in recent years, increasing in population from 36,811 in Year 2000 to 94,400 in 2022. Other GRP Participants include the cities of Cut and Shoot, Magnolia, Oak Ridge North, Splendora, Willis, and Woodbranch, as well as numerous MUDs, water utilities, and communities.

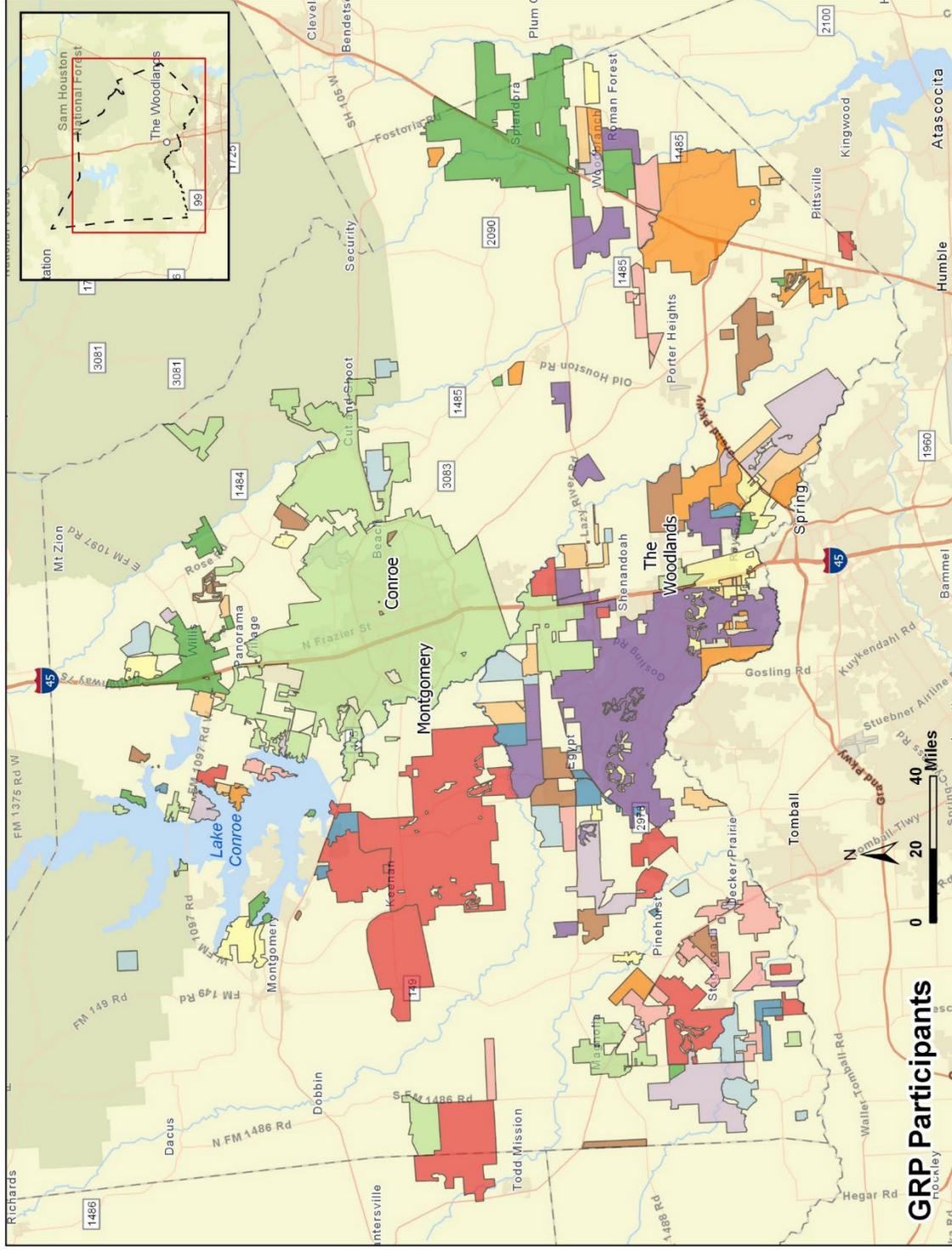


Figure 2-1. GRP Division Customers

**Table 2-1. 2023 GRP Participant Water Production**

<b>Use Type</b>	<b>Treated Surface Water (MGD)</b>	<b>Groundwater (MGD)</b>	<b>Brackish Groundwater (MGD)</b>	<b>Reuse (MGD)</b>	<b>Total</b>
Municipal	13.76	56.47	1.60	0.49	72.32
Industrial	0.00	0.00	0.00	0.00	0.00
Agricultural	0.00	0.00	0.00	0.00	0.00
Total	13.76	56.47	1.60	0.49	72.32

A full description of the Division’s customer information can be found in Appendix A, (GRP Participant Summary) and Appendix B (Water Utility Profile).

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### Section 3. Water Conservation Plan

In the Texas Water Code, water conservation is defined as follows:

*“(A) The development of water resources; and,*

*“(B) Those practices, techniques, and technologies that will reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water, or increase the recycling and reuse of water so that a water supply is made available for future or alternative uses.”<sup>3</sup>*

Based upon these concepts of water conservation, the Division’s objective is to develop a water conservation plan that increases water use efficiency, thereby reducing water demands, without adversely affecting population and/or the economic growth potential of its customers.

#### 3.1 GRP Division 5- and 10-year Water Conservation Target Goals

As a wholesale water provider, the Division is not involved in the day-to-day operations of its GRP Participants and therefore does not have direct control over the demands that it serves; however, it is working closely with the GRP Participants to encourage water-use reduction. Additionally, the Division is empowered through the GRP contracts to take certain enforcement measures to promote compliance with GRP requirements. The water conservation measures described below include those under the direct control of, and being implemented by, the Division as well as goals supported and encouraged by the Division for implementation by its customers. The SJRA GRP Division is to achieve a reduction in water demand, for municipal customers only, of 2.5% over a 5-year period, and 5% over a 10-year period. The average was calculated using 2019 through 2023 groundwater and surface water quantities. The average gallons per-capita day (gpcd) for 2019 through 2023 is 90.23 gpcd. It is the goal of the GRP Division to reduce municipal per-capita water demand to 88 gpcd by the end of 2028 and to 85.8 gpcd by the end of 2033, with water loss less than 10% during the entire 10-year period.

#### 3.2 Water Conservation Methods

The Division’s water conservation plan includes the following water conservation methods. Each method is described in greater detail in the following subsections.

- Metering and Record Management;
- Leak Detection, Repair, and Minimization of Conveyance Losses;

<sup>3</sup> TWC, Section 17.001 (23) (A) and (B).

- Recycling and Reuse;
- Rate Structure;
- Contractual Requirements for Customer Water Conservation Plans;
- Customer Conservation Plan Guidance;
- Customer Reporting Requirements;
- Public Information and Education;
- Encouraging Customer Conservation Practices; and
- Implementation, Enforcement, Coordination with RWPG, and Updating of the Plan.

There are two reservoirs (Lake Conroe and Lake Houston) in the San Jacinto River system, however, they are operated by separate entities therefore the GRP Division does not have a reservoir system operations plan.

### **3.2.1 Metering and Record Management**

The GRP contracts executed with Division customers provide extensive requirements for metering of flows. Surface water delivered to GRP Participants is to be monitored using meters installed and maintained by SJRA and the Division, with testing for meter accuracy at least once every twelve months. Meters must register flows between 97 and 102% of the correct value.

The GRP Participants are responsible for meter installation and maintenance for groundwater withdrawals from their own wells or water imported from other entities who are not Participants in the SJRA GRP. GRP Participants must test meters for accuracy at least once every twelve months. Meters must register flows between 97 and 102% of the correct value.

The data collected from the metering of the GRP Participants allows the Division and SJRA to maintain a detailed record management system of water deliveries.

### **3.2.2 Leak Detection, Repair, and Minimization of Conveyance Losses**

The Division will maintain its transmission infrastructure supplying treated surface water to GRP Participant receiving facilities. Potential leaks identified through accounting, inspection, or customer reporting will be repaired promptly to minimize conveyance losses. Those components of the GRP Participants' retail systems used to distribute water from the receiving facilities into each of the selected GRP Participants' systems are owned and maintained by the GRP Participants. The Division encourages its customers to engage in leak detection and repair in their own systems. The Division encourages its GRP Participants to take measures to reduce water loss to prevent waste and facilitate achievement of the Water Conservation Plan demand reduction goals as specified above.

### 3.2.3 Recycling and Reuse

The Division encourages continued once-through reuse of water supply by GRP Participants. While Lake Conroe will serve as the supply source of raw surface water for the Division, the benefits of ongoing reuse efforts by GRP Participants are recognized by the Division as important contributors to meeting future needs. As part of the GRP process, policy has been adopted regarding reuse by GRP Participants. This policy includes elements to evaluate potential reuse projects, promote reuse to reduce groundwater production, prohibit unauthorized resale of SJRA-supplied water, protect other supplies, and maintain legal and regulatory compliance. SJRA and the Division will continue to consider and evaluate opportunities for reuse as they develop.

### 3.2.4 Rate Structure

SJRA utilizes a non-promotional rate structure for wholesale contracts with its GRP Participants; these rates are periodically reviewed and adjusted as necessary. SJRA also encourages its GRP Participants to establish rate structures promoting conservation for sales to their wholesale and retail customers.

### 3.2.5 Contractual Requirements for Customer Water Conservation Plans

Through the Division, SJRA requires in its contracts that GRP Participants adopt and enforce water conservation and drought contingency plans meeting or exceeding the requirements to Title 30, Texas Administrative Code, Chapter 288. Customer water conservation plans should be consistent with the conservation goals of the Division and must be at least as stringent as the Division's Plan. Further, these plans must be submitted to the GRP Administrator. The specific contract language is as follows:

*Section 3.05: Water Conservation; Drought Contingency. Participant agrees to adopt and enforce a water conservation plan meeting the applicable minimum requirements of the Conservation District and the TCEQ (30 T.A.C. §§ 288.1-288.7, or any successor rules), as well as a drought contingency plan meeting the applicable minimum requirements of the Conservation District and the TCEQ (30 T.A.C. §§ 288.20-288.22, or any successor rules). Participant may, but shall not be obligated, to include provisions in such plans that exceed or are more stringent than the minimum requirements described in the preceding sentence. Such plans must be completed and filed with the GRP Administrator at such times as may be reasonably required by the GRP Administrator, without regard to whether Participant will connect to the Project. In addition, after review by the Review Committee, the Authority may require Participant to adopt and enforce minimum requirements adopted by the Authority for such water conservation plans and drought contingency plans*

*but only if: (i) such minimum requirements apply on an equal and uniform basis to all Participants and to all entities located in whole or in part in Montgomery County to which the Authority supplies wholesale groundwater or Water; and (ii) the Authority has the legal right to impose such minimum requirements on all such entities to which the Authority supplies wholesale groundwater or Water.*

SJRA will include in all water supply contracts entered into, renewed, or amended after the adoption of the Division's Water Conservation Plan a requirement that customers develop and implement water conservation plans as required by Title 30, Texas Administrative Code, Chapter 288 30 TAC §288). Per 30 TAC §288, any future contract, renewal, or amendment will also require that successive sales from SJRA customers to others include a contractual stipulation for water conservation requirements. At a minimum, customer conservation plans must comply with the requirements of 30 TAC §288. Customers should submit to SJRA on an annual basis a summary of water conservation and drought contingency plan implementation.

SJRA may periodically update these criteria, as well as the Water Conservation and Drought Contingency Plans for the Division to meet legal requirements or address changing conditions; subsequent to such revisions, customers of the Division are requested to update their water conservation and drought contingency plans as applicable.

### **3.2.6 Customer Conservation Plan Guidance**

SJRA will provide to GRP Participants upon request, model water conservation plans as developed by TCEQ, meeting the contractual requirements described in Section 3.2.5 above for each customer type. Additionally, SJRA will at request of its GRP Participants review draft water conservation and drought contingency plans for consistency with contractual requirements and the Division's Water Conservation and Drought Contingency Plans. Customers can contact the Division for information regarding the Division's Plans and contractual requirements.

### **3.2.7 Customer Reporting Requirements**

In 2011, the 82<sup>nd</sup> Texas Legislature passed Senate Bill (SB) 181, which addressed the need for consistency in water use reporting by municipalities, water utilities, and others. Subsequently, TWDB and TCEQ developed detailed guidance and procedures for calculating and reporting water use, water loss, and other factors.

While SJRA is not directly impacted by these requirements as a wholesale provider, the Division and other divisions provide contracted water supply to a number of entities which are impacted by SB181.

The broad range of water uses served by SJRA and the requirements of multiple State reporting programs creates a need for the consistent reporting. As such, SJRA will require GRP Participant water usage reports, including any values for per-capita water demand, to follow the procedures established by TWDB and TCEQ.<sup>4</sup> Water use reports should include data at the sector level (single-family residential, multi-family residential, industrial, commercial, agricultural, etc.) and should additionally include estimated population served and calculated water loss. Further, SJRA may request that GRP Participants annually submit to SJRA a copy of all conservation plan-reporting forms, if required by TCEQ, that are submitted to the TCEQ.

### **3.2.8 Public Information and Education**

SJRA has the option to utilize a plethora of water conservation resources that the TWDB, American Water Works Association, and American Public Works Association originally created as components of their own public education campaigns. Individual pamphlets and educational messages provided from these entities would be selected for specialized water conservation needs as they arise. SJRA also provides and constantly updates conservation information and efficient water use on the Authority website at <http://www.sjra.net>.

SJRA will provide, as needed and/or requested, water conservation literature to the customers of the Division. The Division is committed to promoting improvements in industrial, municipal, and agricultural/irrigation processes to achieve conservation with its customers.

SJRA, across all divisions, will make information available through its public information and education program for plumbers and customers to use when purchasing and installing plumbing fixtures, water-using appliances, and watering equipment. Information regarding retrofit devices, such as low-flow showerheads or toilet dams that reduce water use by replacing or modifying existing fixtures or appliances, will also be provided.

Other public information approaches which SJRA has utilized in the past and may implement in the future include public tours of various facilities across all divisions, participation in local environmental events, classroom water conservation educational programs, and joint operation of a mobile teaching lab.

### **3.2.9 Encouraging Customer Conservation Practices**

SJRA and the Division encourages all of its GRP Participants to consider implementing rules, measures, and emerging technologies that promote water conservation and efficient use. Recommended measures include, but are not limited to, the following:

- Prohibitions on wasting water;

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<sup>4</sup> TWDB et al. 2012. Guidance and Methodology for Reporting on Water Conservation and Water Use

- Time-of-day watering restrictions;
- Water conservation pricing structures;
- Landscape irrigation conservation, including integrating rainfall/freeze sensors into irrigation systems;
- Water reuse
- Rainwater harvesting
- Public education programs

Additional information on conservation practices for a wide range of water uses can be found at the TWDB website (<http://www.twdb.texas.gov>).

### **3.2.10 Implementation, Enforcement, Coordination with RWPG, and Updating of the Plan**

The Utility Enterprise Manager and/or designees will act as the administrator(s) of the Water Conservation Plan for the GRP Division. The administrator(s) will oversee the execution and implementation of all elements of the program and monitor the progress of the plan. Additionally, the administrator(s) will be responsible for submission of an annual report to the TCEQ and TWDB on the progress, and any changes to, the Water Conservation Plan. SJRA is responsible for maintaining adequate records for program verification.

SJRA will enforce the terms of contracts with GRP Participants related to water conservation measures and Water Conservation Plan requirements.

The Division is located within the Region H Regional Water Planning Area. In accordance with the TCEQ rules, the Division provides a copy of its water conservation plan to the Region H Regional Water Planning Group. A copy of the transmittal letter is included in Appendix C.

Every five years, SJRA will examine the Division's Water Conservation Plan and revise as necessary. The Water Conservation Plan for the Division has been adopted by a resolution of the Board of Directors of SJRA. A copy of the resolution is included in Appendix C.

## **Appendix A**

### **GRP Participant Summary**

East Montgomery County MUD 3  
East Montgomery County MUD 5  
Kings Manor MUD  
Lazy River Improvement District  
Montgomery County MUD 105  
Montgomery County MUD 119  
Montgomery County MUD 15  
Montgomery County MUD 16  
Montgomery County MUD 24  
Montgomery County MUD 83 Also MUD 84  
Montgomery County MUD 89 Also MUD 88  
Montgomery County MUD 94  
Montgomery County MUD 96  
Montgomery County MUD 99 (Also MUD 115 & MUD 127)  
New Caney MUD  
Rayford Road MUD  
Roman Forest Consolidated MUD  
Southern Montgomery County MUD  
Spring Creek Utility District  
Texas National MUD  
Blaketree MUD No. 1  
Clover Creek MUD  
Corinthian Point MUD No. 2  
Far Hills Utility District  
HMW Special Utility District Allenwood  
HMW Special Utility District Armadillo Woods  
HMW Special Utility District Coe Country  
HMW Special Utility District Hunters Retreat  
HMW Special Utility District Kipling Oaks #1  
HMW Special Utility District Kipling Oaks #2  
HMW Special Utility District Pleasant Forest  
HMW Special Utility District Sendera  
HMW Special Utility District Towering Oaks  
Lake Conroe Hills MUD  
Montgomery County Fresh Water Supply Dist #6  
Montgomery County MUD 112  
Montgomery County MUD 137  
Montgomery County MUD 139  
Montgomery County MUD 19  
Montgomery County UD 2  
Montgomery County WC & ID 1  
Point Aquarius MUD  
Wood Trace MUD No. 1  
City of Cut and Shoot  
City of Magnolia  
City of Oak Ridge North  
City of Patton Village  
City of Splendora

City of Willis  
City of Woodbranch Village  
City of Conroe  
Woodlands Water Agency  
Aqua Texas, Inc. Brushy Creek  
Aqua Texas, Inc. Carriage Hills  
Aqua Texas, Inc. Cimarron Country  
Aqua Texas, Inc. Clear Creek Forest  
Aqua Texas, Inc. Crystal Forest  
Aqua Texas, Inc. Decker Woods  
Aqua Texas, Inc. Deerwood Sub.  
Aqua Texas, Inc. Dogwood Hills  
Aqua Texas, Inc. Frontier, Arrowhead  
Aqua Texas, Inc. Greenfield Forest  
Aqua Texas, Inc. Hidden Forest  
Aqua Texas, Inc. Huntington Est.  
Aqua Texas, Inc. Indigo Ranch  
Aqua Texas, Inc. Lake Conroe Forest & Tejas Creek  
Aqua Texas, Inc. Lake Conroe Village  
Aqua Texas, Inc. Lake Creek Forest  
Aqua Texas, Inc. Legends Ranch Estates  
Aqua Texas, Inc. Shadow Bay  
Aqua Texas, Inc. Timberloch Estates  
Aqua Texas, Inc. Turtle Creek  
Aqua Texas, Inc. Walnut Springs  
Aqua Texas, Inc. West Lane  
Aqua Texas, Inc. Westwood 1&2/Old Egypt  
Aqua Texas, Inc. Woodlands Parkway  
Archdiocese of Galveston - Houston Circle Lake Retreat Center  
C & R Water Supply, Inc. Bridgepoint Water System  
C & R Water Supply, Inc. Clear Water Cove  
C & R Water Supply, Inc. Creekside Acres  
C & R Water Supply, Inc. Emerson Estates  
C & R Water Supply, Inc. Rogers Road WS  
C & R Water Supply, Inc. Timberline Estates  
Cape Malibu Water Supply Inc.  
CC Lake Windcrest Golf Course  
CC Palmer Golf Course  
CC Panther Trails Golf Course  
CC Player Golf Course  
CC TPC Golf Course  
Conroe ISD Moorehead Jr. High/Caney Creek High/Ben Milam  
CWE UTILITIES L.L.C.  
Del Lago Estates WSC, Attn: Elliott M. Barner  
Diamondhead Water & Sewer, Attn: Jeffery Hughes, President  
Domestic Water Company  
Everett Square, Inc. Shady Oaks  
Everett Square, Inc. Windcrest Est., Honea Egypt, Part of 1488 System

Johnston Water Utility L.L.C.  
Keenan Water Supply Corp.  
Lake Bonanza Water Supply Corp.  
Lake South Water Supply Corp  
Lakeland Section 4 Civic Club  
Maverick Tube Corporation, LLC. DBA Tenaris  
MSEC Enterprises Crown Ranch  
MSEC Enterprises Montgomery Trace/Crown Oaks/Highland Ranch/Lake Forest/Shoreline  
Nerro Supply Investors, LLC. White Oak Valley  
North Woods Water Supply Company  
Pinedale Mobile Home Park  
Pinehurst Decker Prairie WSC  
Piney Shores Utility Algonquin Water Resources  
Quadvest, LP. Benders Landing  
Quadvest, LP. Caddo Village  
Quadvest, LP. Creekside Village  
Quadvest, LP. Decker Oaks Utility  
Quadvest, LP. Indigo Lakes  
Quadvest, LP. Lake Windcrest WS  
Quadvest, LP. Lakes of Magnolia  
Quadvest, LP. Lonestar Ranch  
Quadvest, LP. McCall Sound  
Quadvest, LP. Mostyn Manor  
Quadvest, LP. Northcrest Ranch 1,2 &3  
Quadvest, LP. Red Oak Ranch WS  
Quadvest, LP. Sendera Ranch  
Quadvest, LP. Stonecrest Ranch  
San Jo Utilities  
T & W Water Services Deer Run (Blue Topaz)  
T & W Water Services Grand Harbor/Gemstone (Blue Topaz)  
T & W Water Services Harborside (Blue Topaz)  
T & W Water Services Hidden Springs Ranch (Blue Topaz)  
T & W Water Services Miller's Crossing (Blue Topaz)  
T & W Water Services Old Mill Lake (Blue Topaz)  
T & W Water Services Rio Vista (Blue Topaz)  
T & W Water Services Riverwalk (Blue Topaz)  
T & W Water Services Sunrise Ranch (Blue Topaz)  
T & W Water Services Thousand Oaks (Blue Topaz)  
Texaba Water System  
Texas Water Utilities, L.P. Decker Hills/Park Place (Monarch Utilities, Inc.)  
Texas Water Utilities, L.P. Hulon Lake/Woodcreek Valley (Monarch Utilities, Inc. )  
Texas Water Utilities, L.P. Serenity Woods, Pine(Monarch Utilities, Inc.)  
Undine Texas, LLC. Conroe Resort Utilities  
Undine Texas, LLC. Hazy Hallow East Estates  
Undine Texas, LLC. Porter Terrace  
Undine Texas, LLC. River Club/River Ridge  
Undine Texas, LLC. Spring Forest  
Walnut Cove Water Supply Corp

Washington County Railroad  
Westwood North Water Supply  
White Oak Utilities, Inc.  
White Oak Water Supply Corporation  
Woodland Oaks Utility Co. Inc.

## **Appendix B**

### **Water Utility Profiles**

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**San Jacinto River Authority – GRP Division**

**TCEQ Form 20162: Profile and Water Conservation Plan  
Requirements for Wholesale Public Water Supplies**



Texas Commission on Environmental Quality  
Water Availability Division

MC-160, P.O. Box 13087 Austin, Texas 78711-3087  
Telephone (512) 239-4600, FAX (512) 239-2214

Utility Profile and Water Conservation Plan Requirements  
for Wholesale Public Water Suppliers

This form is provided to assist wholesale public water suppliers in water conservation plan development. If you need assistance in completing this form or in developing your plan, please contact the Conservation staff of the Resource Protection Team in the Water Availability Division at (512) 239-4600.

Water users can find best management practices (BMPs) at the Texas Water Development Board's website <http://www.twdb.texas.gov/conservation/BMPs/index.asp>. The practices are broken out into sectors such as Agriculture, Commercial and Institutional, Industrial, Municipal and Wholesale. BMPs are voluntary measures that water users use to develop the required components of Title 30, Texas Administrative Code, Chapter 288. BMPs can also be implemented in addition to the rule requirements to achieve water conservation goals.

Contact Information

Name: San Jacinto River Authority  
Address: PO Box 329, Conroe, TX 77305, 11998 Pine Valley Drive, Conroe, TX 77305  
Telephone Number: (936)588-3111 Fax: ( )  
Water Right No.(s): COA 10-4963  
Regional Water Planning Group: H  
Person responsible for implementing conservation program: Chris Meeks Phone: (281) 367-9511  
Form Completed By: Chris Meeks  
Title: Utility Enterprise Manager  
Signature: [Handwritten Signature] Date: 3/6/2024

A water conservation plan for wholesale public water suppliers must include the following requirements (as detailed in 30 TAC Section 288.5). If the plan does not provide information for each requirement, you must include in the plan an explanation of why the requirement is not applicable.

# Utility Profile

## I. WHOLESALE SERVICE AREA POPULATION AND CUSTOMER DATA

### A. Population and Service Area Data:

1. Service area size (in square miles): 1,042 (Montgomery County)

(Please attach a copy of service- area map)

See Attachment A

2. Current population of service area:

669,853 (Montgomery County) (datacommons.org)

3. Current population served for:

- a. Water 669,853 (Montgomery County; SJRA GRP Participants are about 50%)

- b. Wastewater N/A

4. Population served for previous five years:

<i>Year</i>	<i>Population</i>
2019	607,583
2020	626,351
2021	648,886
2022	653,383
2023	669,853

5. Projected population for service area in the following decades:

<i>Year</i>	<i>Population</i>
2020	626,351
2030	811,252
2040	1,019,278
2050	1,267,916
2060	1,576,135

6. List source or method for the calculation of current and projected population size.

Region H 2021 Regional Water Plan, Volume 2, "Region H Water User Group (WUG) Population".

### B. Customer Data

List (or attach) the names of all wholesale customers, amount of annual contract, and amount of annual use for each customer for the previous year:

<i>Wholesale Customer</i>	<i>Contracted Amount (Acre- feet)</i>	<i>Previous Year Amount of Water Delivered (acre- feet)</i>
The Woodlands	N/A	8,757
City of Conroe	N/A	4,578
MSEC Enterprises	N/A	490
Southern MC MUD	N/A	512
Rayford Road MUD	N/A	438
City of Oak Ridge North	N/A	204
MC MUD No. 99	N/A	439

**II. WATER USE DATA FOR SERVICE AREA**

**A. Water Delivery**

Indicate if the water provided under wholesale contracts is treated or raw water and the annual amounts for the previous five years (in acre feet):

<i>Year</i>	<i>Treated Water</i>	<i>Raw Water</i>
2019	11,443	0
2020	14,005	0
2021	12,599	0
2022	14,206	0
2023	15,418	0
Totals	67,671	0

**B. Water Accounting Data**

1. Total amount of water diverted at the point of diversion(s) for the previous five years (in acre- feet) for all water uses:

<i>Year</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>
<i>Month</i>					
January	817	525	1,004	938	661
February	740	519	877	799	638
March	805	815	908	834	871
April	855	988	1,104	1,059	915
May	928	1,257	1,078	1,261	1,029
June	1,002	1,307	1,093	1,539	1,496
July	1,167	1,535	1,017	1,798	2,005
August	1,276	1,633	1,131	906	2,327
September	1,112	1,463	1,389	1,331	1,857
October	1,058	1,387	1,154	1,459	1,645
November	959	1,431	996	931	1,119
December	724	1,145	848	1,351	854
Totals	11,443	14,005	12,599	14,206	15,418

2. Wholesale population served and total amount of water diverted for municipal use for the previous five years (in acre- feet):

<i>Year</i>	<i>Total Population Served</i>	<i>Total Annual Water Diverted for Municipal Use</i>
2019	607,583	11,443
2020	626,351	14,005
2021	648,886	12,599
2022	653,383	14,206
2023	669,853	15,418

**C. Projected Water Demands**

The SJRA GRP Division Surface Water Treatment Facility (SWTF) was constructed with a maximum production capacity of 30 MGD. The GRP was established to assist in reducing the groundwater reliance in Montgomery County, TX in coordination with Lone Star Groundwater Districts' (LSGCD) Groundwater Management Plan. In 2020, LSGCD removed

the requirement for groundwater reduction, thus limiting the need to increase the production capacity of the SJRA SWTF. For this reason, SJRA's GRP will maintain the currently constructed 30 MGD SWTF for the foreseeable future.

### III. WATER SUPPLY SYSTEM DATA

#### A. Projected Water Demands

List all current water supply sources and the amounts authorized (in acre feet) with each.

<i>Water Type</i>	<i>Source</i>	<i>Amount Authorized</i>
	Lake Conroe (10- 4963)	33,333 acre- feet
Surface Water	Lake Conroe contract w/Houston	66,667 acre- feet
Groundwater	N/A	0
Other	N/A	0

#### B. Treatment and Distribution System (if providing treated water)

1. Design daily capacity of system (MGD):

30 MGD

2. Storage capacity (MGD):

a. Elevated N/A

b. Ground 10 MG

3. Please attach a description of the water system. Include the number of treatment plants, wells, and storage tanks

***The surface water facilities at Lake Conroe include an intake and high-service pump station as well as two ground storage tanks and a water treatment plant. Treated surface water is conveyed through a network of approximately 55 miles of pipeline to selected GRP Participants. The additional infrastructure for customers to distribute to their retail systems is the responsibility of the customers. The system layout is shown in Attachment B to TCEQ Form 20162.***

### IV. WASTEWATER SYSTEM DATA

#### A. Wastewater System Data (if applicable)

1. Design capacity of wastewater treatment plant(s) (MGD):

*\* The GRP Division does not provide wastewater treatment or collection.*

2. Briefly describe the wastewater system(s) of the area serviced by the wholesale public water supplier. Describe how treated wastewater is disposed. Where applicable, identify treatment plant(s) with the TCEQ name and number, the operator, owner, and the receiving stream if wastewater is discharged.

N/A

**B. Wastewater Data for Service Area (if applicable)**

1. Percent of water service area served by wastewater system: N/A%

2. Monthly volume treated for previous five years (in 1,000 gallons):

<b>Year</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Month</b>					
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
Totals					

# Water Conservation Plan

In addition to the description of the wholesaler's service area (profile from above), a water conservation plan for a wholesale public water supplier must include, at a minimum, additional information as required by Title 30, Texas Administrative Code, Chapter 288.5. Note: If the water conservation plan does not provide information for each requirement an explanation must be included as to why the requirement is not applicable.

## ***A. Specific, Quantified 5 & 10- Year Targets***

The water conservation plan must include specific, quantified 5-year and 10-year targets for water savings including, where appropriate, target goals for municipal use in gallons per capita per day for the wholesaler's service area, maximum acceptable water loss, and the basis for the development of these goals. Note that the goals established by a wholesale water supplier under this subparagraph are not enforceable. These goals must be updated during the 5-year review and submittal.

## ***B. Measuring and Accounting for Diversions***

The water conservation plan must include a description as to which practice(s) and/or device(s) will be utilized to measure and account for the amount of water diverted from the source(s) of supply.

## ***C. Record Management Program***

The water conservation plan must include a monitoring and record management program for determining water deliveries, sales, and losses.

## ***D. Metering/Leak- Detection and Repair Program***

The water conservation plan must include a program of metering and leak detection and repair for the wholesaler's water storage, delivery, and distribution system.

## ***E. Contract Requirements for Successive Customer Conservation***

The water conservation plan must include a requirement in every water supply contract entered into or renewed after official adoption of the water conservation plan, and including any contract extension, that each successive wholesale customer develop and implement a water conservation plan or water conservation measures using the applicable elements of Title 30 TAC Chapter 288. If the customer intends to resell the water, then the contract between the initial supplier and customer must provide that the contract for the resale of the water must have water conservation requirements so that each successive customer in the resale of the water will be required to implement water conservation measures in accordance with the provisions of this chapter.

## ***F. Reservoir Systems Operations Plan***

The water conservation plan must include a reservoir systems operations plan, if applicable, providing for the coordinated operation of reservoirs owned by the applicant within a common watershed or river basin. The reservoir systems operations plan shall include optimization of water supplies as one of the significant goals of the plan.

## ***G. Enforcement Procedure and Official Adoption***

The water conservation plan must include a means for implementation and enforcement, which shall be evidenced by a copy of the ordinance, rule, resolution, or tariff, indicating official adoption of the water conservation plan by the water supplier; and a description of the authority by which the water supplier will implement and enforce the conservation plan.

**H. Coordination with the Regional Water Planning Group(s)**

The water conservation plan must include documentation of coordination with the regional water planning groups for the service area of the wholesale water supplier in order to ensure consistency with the appropriate approved regional water plans.

Example statement to be included within the water conservation plan:

*The service area of the \_\_\_\_\_ (name of water supplier) is located within the \_\_\_\_\_ (name of regional water planning area or areas) and \_\_\_\_\_ (name of water supplier) has provided a copy of this water conservation plan to the \_\_\_\_\_ (name of regional water planning group or groups).*

**I. Plan Review and Update**

A wholesale water supplier shall review and update its water conservation plan, as appropriate based on an assessment of previous 5- year and 10- year targets and any other new or updated information. A wholesale water supplier shall review and update the next revision of its water conservation plan no later than May 1, 2009, and every five years after that date to coincide with the regional water planning group. The revised plan must also include an implementation report.

**V. ADDITIONAL CONSERVATION STRATEGIES**

Any combination of the following strategies shall be selected by the water wholesaler, in addition to the minimum requirements of 30 TAC §288.5(1), if they are necessary in order to achieve the stated water conservation goals of the plan. The commission may require by commission order that any of the following strategies be implemented by the water supplier if the commission determines that the strategies are necessary in order for the conservation plan to be achieved:

1. Conservation- oriented water rates and water rate structures such as uniform or increasing block rate schedules, and/or seasonal rates, but not flat rate or decreasing block rates;
2. A program to assist agricultural customers in the development of conservation, pollution prevention and abatement plans;
3. A program for reuse and/or recycling of wastewater and/or graywater;
4. Any other water conservation practice, method, or technique which the wholesaler shows to be appropriate for achieving the stated goal or goals of the water conservation plan.

**VI. WATER CONSERVATION PLANS SUBMITTED WITH A WATER RIGHT APPLICATION FOR NEW OR ADDITIONAL STATE WATER**

**Water Conservation Plans submitted with a water right application for New or Additional State Water must include data and information which:**

- 1. support the applicant's proposed use of water with consideration of the water conservation goals of the water conservation plan;**
- 2. evaluates conservation as an alternative to the proposed appropriation; and**
- 3. evaluates any other feasible alternative to new water development including, but not limited to, waste prevention, recycling and reuse, water transfer and marketing, regionalization, and optimum water management practices and procedures.**

**Additionally, it shall be the burden of proof of the applicant to demonstrate that no feasible alternative to the proposed appropriation exists and that the requested amount of appropriation is necessary and reasonable for the proposed use.**

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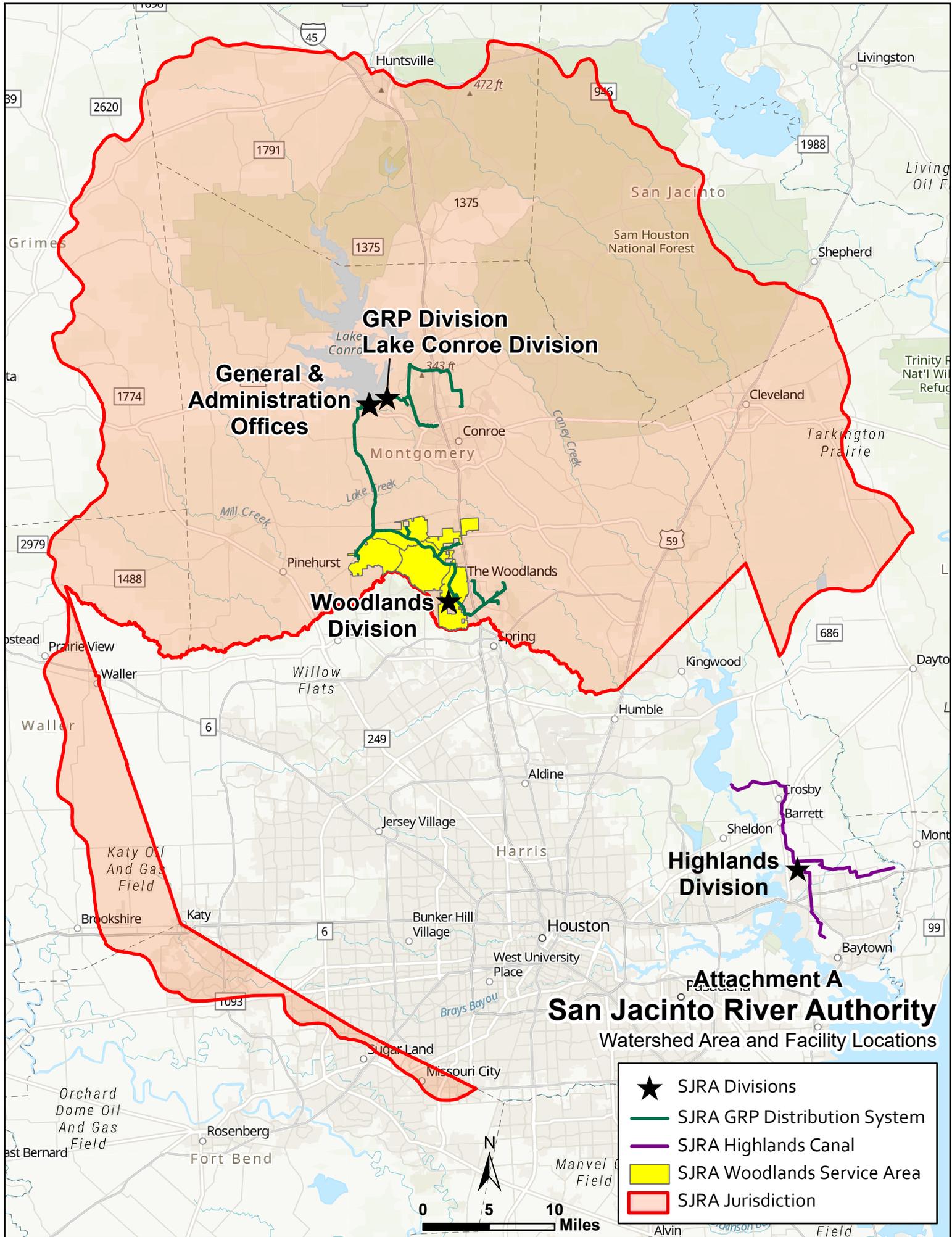
**San Jacinto River Authority – GRP Division**

**Attachments to TCEQ Form  
20162: Profile and Water Conservation Plan  
Requirements for Wholesale Public Water Supplies**

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**Attachment A**

**SJRA Service Area & GRP Participants Map**



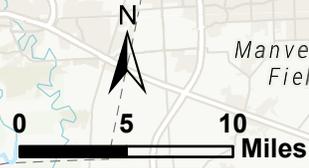
**GRP Division**  
**Lake Conroe Division**  
**General & Administration Offices**

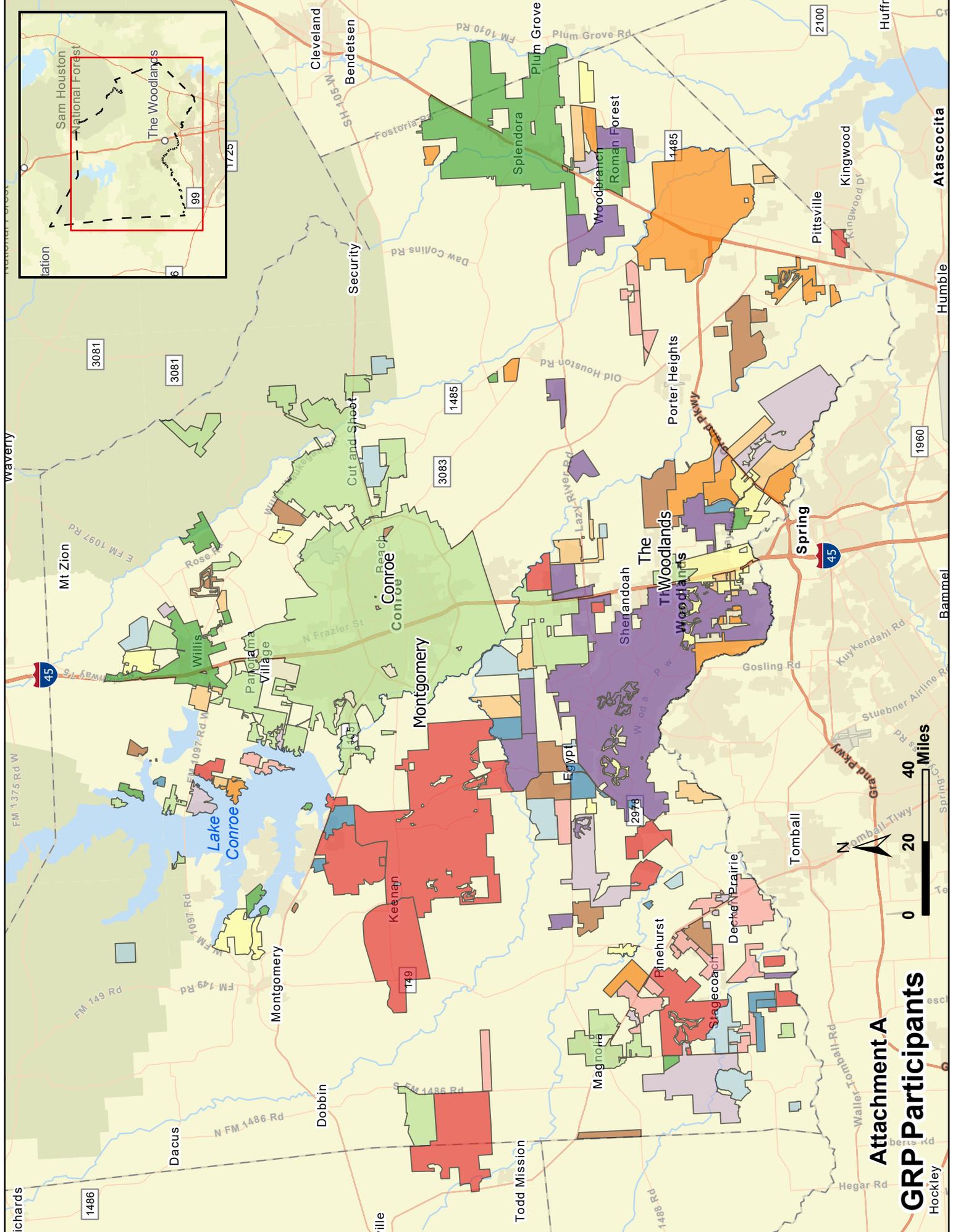
**Woodlands Division**

**Highlands Division**

**Attachment A**  
**San Jacinto River Authority**  
 Watershed Area and Facility Locations

- ★ SJRA Divisions
- SJRA GRP Distribution System
- SJRA Highlands Canal
- SJRA Woodlands Service Area
- SJRA Jurisdiction





**Attachment A**  
**GRP Participants**

Hockley

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**Attachment B**

**GRP System Infrastructure Map**



GRP Division Office  
GRP Division Treatment Plant

# Attachment B GRP Division Infrastructure

-  Receiving Facilities
-  SJRA GRP Distribution System
-  GRP Participants



City of Conroe - WP21  
Panorama village  
City of Conroe - WP15  
City of Conroe - WP22  
City of Conroe - WP20  
City of Conroe - WP6S  
City of Conroe - WP14W  
MSEC WP  
West Fork Golf & Country Club  
Honea  
Highway-105 W  
Woodforest Golf Club at Fish Creek  
Egypt  
SJRA - WP3  
SJRA - WP4  
2978  
Lake Windcrest Golf Course  
Carlton Woods-Nicklaus Course  
Woodlands Pkwy  
Gosling  
Shenandoah  
SJRA - WP2  
SJRA - WP5  
Highway 242  
Lazy River Rd  
Tamina  
City of Oak Ridge North - WP1  
Southern Montgomery County MUD - WP3  
MUD 99 - WP1  
Rayford Road MUD - WP2  
Rayford  
Rayford Road MUD - WP1  
The Woodlands  
Southern Montgomery County MUD - WP2

**Appendix C**

**Resolutions Passed by SJRA  
Transmittal Letter to Region H RWPG**

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RESOLUTION NO. 2024-R-13

**RESOLUTION ADOPTING REVISED WATER CONSERVATION PLANS AND DROUGHT CONTINGENCY PLANS; AUTHORIZING THE IMPLEMENTATION OF SUCH REVISED PLANS; REPEALING AND RESCINDING ALL PRIOR PLANS; AND CONTAINING OTHER PROVISIONS RELATING TO THE SUBJECT**

WHEREAS, the San Jacinto River Authority (the "Authority") has water rights issued by the Texas Commission on Environmental Quality and its predecessor agencies (collectively, the "TCEQ") to divert water from the San Jacinto River and Trinity River basins; and

WHEREAS, the Authority, by and through its Highlands Division, owns and operates water supply and distribution systems and facilities, including the Lake Houston Pump Station, East Canal Transfer Pump Station, South Canal Transfer Pump Station, Highlands Reservoir, and the Highlands Canal System, in order to sell and deliver water out of such rights to certain customers generally located in eastern Harris County; and

WHEREAS, the Authority also owns an interest in Lake Conroe Dam and Reservoir, located in Montgomery and Walker Counties ("Lake Conroe") upstream on the San Jacinto River from the Lake Houston Reservoir, and holds certain contract rights and water rights issued by the TCEQ to divert or release and use water from Lake Conroe; and

WHEREAS, the Authority, by and through its Lake Conroe Division, operates Lake Conroe and sells water out of such rights to customers located in Montgomery County, and

WHEREAS, the Authority, by and through its Woodlands Division, owns and operates an extensive water supply and distribution system and facilities for providing regional, wholesale services to customers in the area of The Woodlands; and

WHEREAS, the Authority, by and through its Groundwater Reduction Plan Division (the "GRP Division"), owns and operates a surface water treatment facility and transmission system that withdraws water from Lake Conroe for treatment, distribution and sale to its Woodlands Division and certain other customers; and

WHEREAS, in connection with the management of such facilities, systems and operations, the Authority has previously adopted various Water Conservation Plans and Drought Contingency Plans (collectively, the "Plans") in accordance with the requirements of Chapter 11, Texas Water Code, as amended, and the rules of the TCEQ under Chapter 288 of Title 30, Texas Administrative Code, as amended; and

WHEREAS, the Board of Directors of the Authority has determined that it is in the public interest to revise and replace the Plans; Now, Therefore,

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SAN JACINTO RIVER AUTHORITY, THAT:

Section 1: The Plans, as previously adopted and amended by the Authority, are hereby repealed and rescinded in their entirety.

Section 2: The Board of Directors of the Authority hereby approves and adopts the revised water conservation and drought contingency plans, each dated as of the date hereof, titled as follows: *Water Conservation Plan for San Jacinto River Authority Highlands Division; Drought Contingency Plan for San Jacinto River Authority Highlands Division; Water Conservation Plan for San Jacinto River Authority Lake Conroe Division; Drought Contingency Plan for San Jacinto River Authority Lake Conroe Division; Water Conservation Plan for San Jacinto River Authority Woodlands Division; Drought Contingency Plan for San Jacinto River Authority Woodlands Division; Water Conservation Plan for San Jacinto River Authority GRP Division; and Drought Contingency Plan for San Jacinto River Authority GRP Division* (collectively, the "Revised Plans").

Section 3: The Revised Plans, together with any amendments thereto which may be made from time to time, shall be maintained on file in the official records of the Authority and filed, as appropriate, with the TCEQ, the Texas Water Development Board and any other agencies with jurisdiction.

Section 4: It shall be the policy of the Authority that the programs and procedures set forth in the Revised Plans be implemented immediately.

Section 5: The General Manager of the Authority is hereby designated as the official responsible for implementation of the Revised Plans in accordance with the guidelines set forth in the Revised Plans.

Section 6: It shall be the policy of the Authority to support and assist its wholesale and retail customers in (1) designating their pre-assigned officials as having the responsibility and authority to implement the Revised Plans, (2) allowing for enforcement of the Revised Plans, and (3) providing civil penalties for noncompliance with the Revised Plans.

Section 7: It shall be the policy of the Authority that the *Water Conservation Plan for San Jacinto River Authority GRP Division* and the *Drought Contingency Plan for San Jacinto River Authority GRP Division* establish minimum requirements which shall be adopted, respectively, in a water conservation plan and a drought contingency by each participant in the Authority's Groundwater Reduction Plan. The General Manager of the Authority and the GRP Administrator are hereby authorized and directed to take such actions as are deemed necessary and appropriate to ensure that the participants in the Authority's Groundwater Reduction Plan (the "Participants") adopt water conservation plans and drought contingency plans that are reasonably determined to meet or exceed such minimum requirements. Further, it shall be the policy of the Authority to support and assist the Participants in (1) adopting such water conservation plans and drought contingency plans, and (2) implementing and enforcing such water conservation plans and drought contingency plans.

Section 8: This Resolution shall be and remain in full force and effect from and after the date of its passage and approval.

PASSED AND APPROVED this 25th day of April, 2024.

  
\_\_\_\_\_  
President, Board of Directors

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

(SEAL)



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April 25, 2024

Mark Evans, Chair  
Region H Water Planning Group  
c/o San Jacinto River Authority  
P.O. Box 329  
Conroe, Texas 77305

Re: Water Conservation and Drought Contingency Plans

Dear Mr. Evans:

Please find enclosed one (1) copy of the revised Water Conservation and Drought Contingency Plans for the San Jacinto River Authority's Lake Conroe, GRP, Woodlands, and Highlands Divisions. San Jacinto River Authority's Board of Directors adopted the enclosed plans on April 25, 2024. These revisions have been completed to meet the regulatory requirement to update and submit the Plans to TCEQ and TWDB by May 1, 2024. Electronic versions of the Plans are available on San Jacinto River Authority's website at <http://www.sjra.net/about/wc-dcp/>.

If you have any questions, please do not hesitate to contact me at (936) 588-3111 or [mbarrett@sjra.net](mailto:mbarrett@sjra.net).

Sincerely,

A handwritten signature in blue ink that reads "Matt Barrett". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Matt Barrett, P.E.  
Water Resources and Flood Management Division Manager  
San Jacinto River Authority

Cc: Aubrey A. Spear, P.E.  
Ed Shackelford, P.E.  
Chris Meeks  
Richard Tramm  
Bret Raley

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## **Appendix D**

**GRP Division TCEQ Form 20645 - Water Conservation Implementation  
Report Form and Summary of Updates/Revisions to Water Conservation Plan**

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# Texas Commission on Environmental Quality

Water Availability Division  
MC-160, P.O. Box 13087 Austin, Texas 78711-3087  
Telephone (512) 239-4600, FAX (512) 239-2214

## WATER CONSERVATION IMPLEMENTATION REPORT FORM AND SUMMARY OF UPDATES/REVISIONS TO WATER CONSERVATION PLAN

(Texas Water Code §11.1271(b) and Title 30 Texas Administrative Code §288.30(1) to (4))

Please note, this form replaces the following forms: TCEQ-20645 (Non-Public Water Suppliers) and TCEQ-20646 (Public Water Suppliers)

### This Form is applicable to the following entities:

1. Water Right Holders of 1,000 acre-feet or more for municipal, industrial, and other non-irrigation uses.
2. Water Right Holders of 10,000 acre-feet or more for irrigation uses.

The above noted entities are required by rule to submit updates to their water conservation plan(s) and water conservation implementation report(s) every five years beginning May 1, 2009. See 30 Texas Administrative Code (TAC) §288.30(1) to (4). Entities must also submit any revisions to their water conservation plan within 90 days of adoption when the plans are revised in between the five-year submittal deadlines. This form may be used for the five-year submittal or when revisions are made to the water conservation plans in the interim periods between five-year submittals. Please complete the form as directed below.

1. Water Right Holder Name: San Jacinto River Authority
2. Water Right Permit or Certificate Nos. COA 10-4963, COA 10-4964, COA 10-4965, COA 10-4966, Permit 5807, Permit 5808, COA 08-4279, Permit 5271
3. Please Indicate by placing an 'X' next to all that Apply to your Entity:

Water Right Holder of 1,000 acre-feet or more for non-irrigation uses

- Municipal Water Use by Public Water Supplier  
 Wholesale Public Water Supplier  
 Industrial Use  
 Mining Use  
 Agriculture Non-Irrigation

Water Right Holder of 10,000 acre-feet or more for irrigation uses

- Individually-Operated Irrigation System  
 Agricultural Water Suppliers Providing Water to More Than One User

### Water Conservation Implementation Reports/Annual Reports

4. Water Conservation Annual Reports for the previous five years were submitted to the Texas Water Development Board (TWDB) for each of the uses indicated above as required by 30 TAC §288.30(10)(C)? Yes  No

TCEQ no longer requires submittal of the information contained in the detailed implementation report previously required in Forms TCEQ-20645 (Non-Public Water Suppliers) and TCEQ-20646 (Public Water Suppliers). However, the Entity must be up-to-date on its Annual Report Submittals to the TWDB.

**Water Conservation Plans**

5. For the five-year submittal (or for revisions between the five-year submittals), attach your updated or revised Water Conservation Plan for each of the uses indicated in Section 3, above. Every updated or revised water conservation plan submitted must contain each of the minimum requirements found in the TCEQ rules and must be duly adopted by the entity submitting the water conservation plan. Please include evidence that each water conservation plan submitted has been adopted.
- Rules on minimum requirements for Water Conservation Plans can be found in 30 TAC Chapter 288.  
[http://texreg.sos.state.tx.us/public/readtac%24ext.ViewTAC?tac\\_view=4&ti=30&pt=1&ch=288](http://texreg.sos.state.tx.us/public/readtac%24ext.ViewTAC?tac_view=4&ti=30&pt=1&ch=288)
  - Forms which include the minimum requirements and other useful information are also available to assist you. Visit the TCEQ webpage for Water Conservation Plans and Reports. [https://www.tceq.texas.gov/permitting/water\\_rights/wr\\_technical-resources/conserv.html](https://www.tceq.texas.gov/permitting/water_rights/wr_technical-resources/conserv.html)

*Call 512-239-4600 or email to [wcp@tceq.texas.gov](mailto:wcp@tceq.texas.gov) for assistance with the requirements for your water conservation plan(s) and report(s).*

6. For each Water Conservation Plan submitted, list dates and descriptions of the conservation measures implemented, and the actual amount of water saved.

The SJRA GRP Division Surface Water Treatment Plant is a wholesale provider of treated surface water to seven water utilities in Montgomery County. Since SJRA is not a retailer provider, we require each of the SJRA GRP Participants to maintain a Water Conservation Plan and encourage education and information to be disseminated to the public for water conservation measures.

7. For each Water Conservation Plan submitted, state whether the five and ten-year targets for water savings and water loss were met in your *previous* water conservation plan.

Yes \_\_\_\_\_ No  \_\_\_\_\_

If the targets were not met, please provide an explanation as to why any of the targets were not met, including any progress on that particular target.

The current SJRA GRP Division WCP states a goal of 70.380 gpcd by the end of 2023. At the end of 2023, the gpcd 102.67 with a 4-year average of 90.23 gpcd. Two factors effected the gpcd. 1) Montgomery County, TX is experiencing an annual population growth of 2.5-3%. The utilities served by SJRA are experiencing majority of the growth and 2) 2022 and 2023 both were drought years in which the demand on groundwater and surface water were increased.

8. For each five-year submittal, does each water conservation plan submitted contain *updated* five and ten-year targets for water savings and water loss?  
Yes  No

If yes, please identify where in the water conservation plan the updated targets are located (page, section).

Section 3.1, Page 3-1

9. In the box below (or in an attachment titled "Summary of Updates or Revisions to Water Conservation Plans), please identify any other revisions/updates made to each water conservation plan that is being updated or revised. Please specify the water conservation plan being updated and the location within the plan of the newly adopted updates or revisions.

Updated the 5 and 10-year goals

10. Form Completed by (Point of Contact): Chris Meeks  
(If different than name listed above, owner and contact may be different individual(s)/entities)  
Contact Person Title/Position: Chris Meeks, Utility Enterprise Manager  
Contact Address: PO Box 329, Conroe, TX 77305  
Contact Phone Number: 281-367-9511 Contact Email Address: cmeeks@sjra.net

Signature: Chris Meeks

Date: 03/06/2024