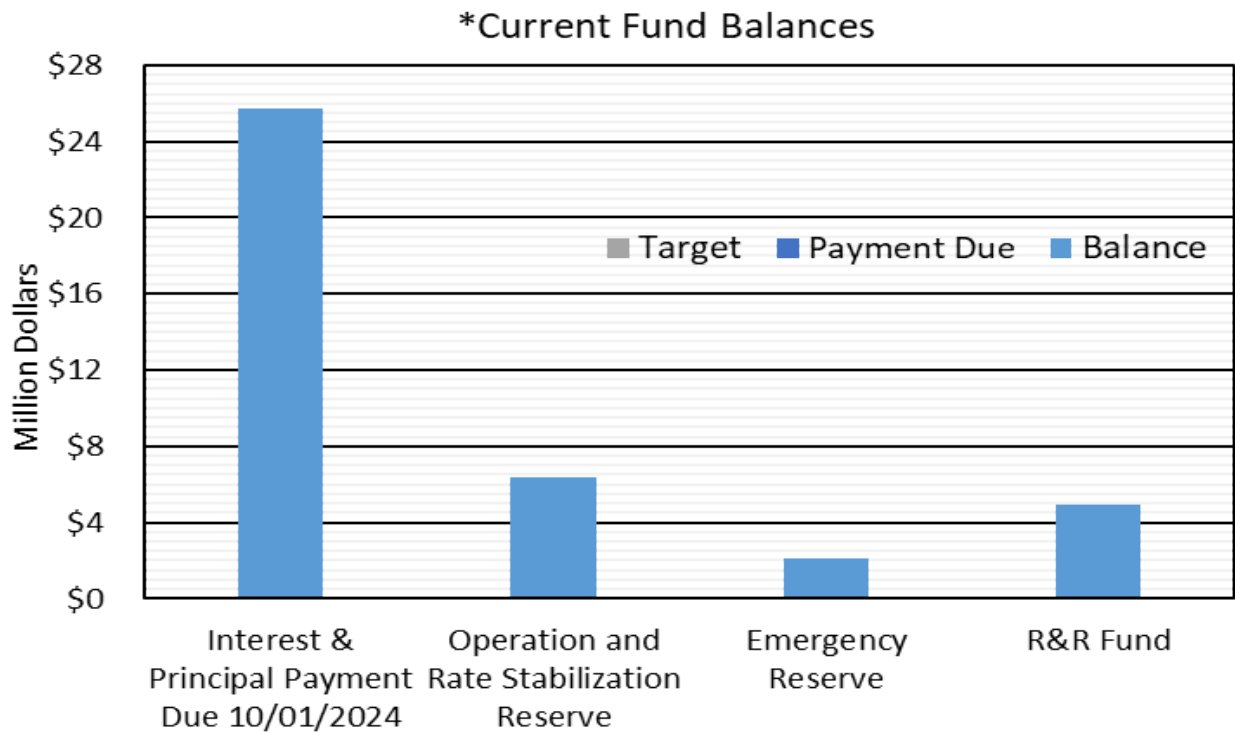


# GROUNDWATER REDUCTION PLAN MONTHLY OPERATIONS REPORT JULY 2024



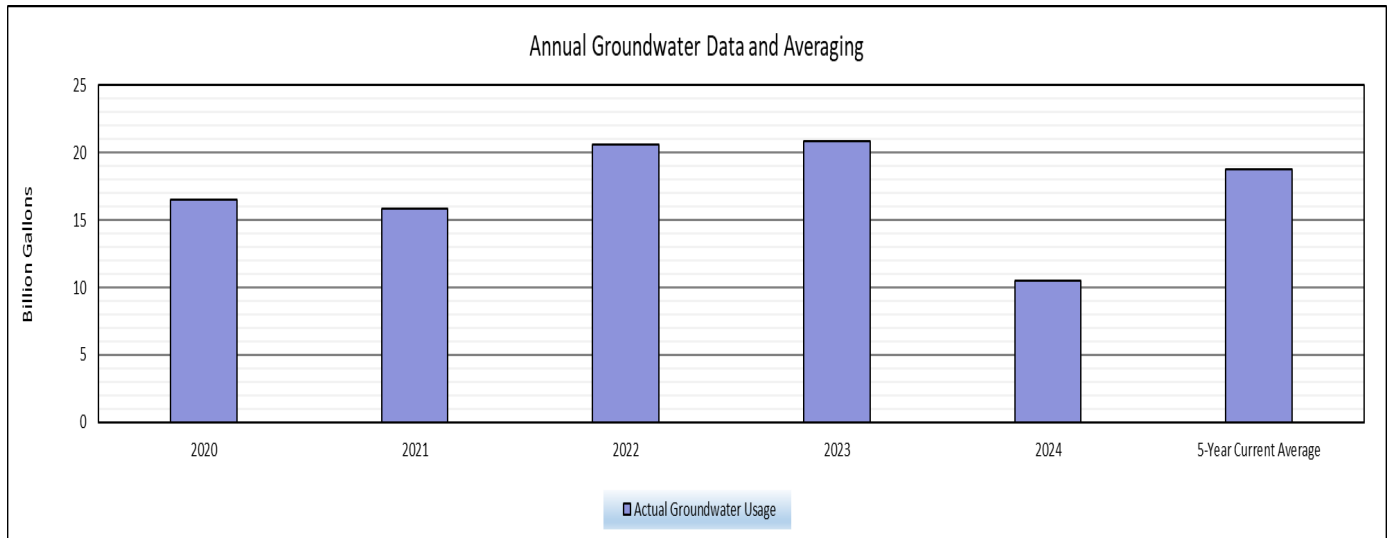
Due to implementation and transition of the new accounting software, financial information will not be available at this time.



\*Data as of April 30, 2024

## 1 - Participant Groundwater Tracking

The purpose of the graph below is to track the actual groundwater withdrawal of the 149 GRP Participants. The graph provides actual groundwater withdrawals from the last five years, the current calendar year's groundwater withdrawals to date, and the current 5-year average.



## 2 - Reported Water Usage

Groundwater, surface water, and other water usage is self-reported by Participants through an online reporting system (ORS). Pursuant to the GRP Rate Order, Participant water usage must be reported no later than ten (10) days from the end of the month.

Monthly Groundwater Usage (gallons)			Monthly Surface Water Usage (gallons)			Monthly Catahoula Usage (gallons)	
City of Conroe	408,797,000	23%	The Woodlands	257,894,000	73%	City of Willis	38,197,000
The Woodlands	234,769,000	13%	City of Conroe	73,372,000	21%	Point Aquarius MUD	13,249,000
Quadvest	126,199,000	7%	Rayford Road MUD	8,988,000	3%	Far Hills UD	8,360,000
MSEC	123,890,900	7%	SMC MUD	6,361,000	2%	Corinthian Point MUD 2	3,278,000
Aqua Texas	87,208,000	5%	MCMUD 99	5,480,000	2%	City of Conroe	-
*Remaining Participants	793,302,888	45%	City of Oak Ridge North	3,179,000	1%		
			MSEC	-	0%		
<b>Total</b>	<b>1,774,166,788</b>	<b>100%</b>	<b>Total</b>	<b>355,274,000</b>	<b>100%</b>	<b>Total</b>	<b>63,084,000</b>
<b>Overall Reuse Usage (gallons)</b>				<b>5,907,093</b>			
*3 entities have not reported							

FY Groundwater Usage (gallons)			FY Surface Water Usage (gallons)			FY Catahoula Usage (gallons)	
City of Conroe	3,689,225,000	23%	The Woodlands	2,409,833,000	61%	City of Willis	306,350,000
The Woodlands	2,463,264,000	15%	City of Conroe	1,072,942,000	27%	Point Aquarius MUD	108,088,000
Quadvest	1,153,064,000	7%	Rayford Road MUD	105,721,000	3%	Far Hills UD	69,713,000
MSEC	994,925,800	6%	SMC MUD	115,861,000	3%	Corinthian Point MUD 2	31,386,000
Aqua Texas	891,169,000	6%	MCMUD 99	126,370,000	3%	City of Conroe	323,000
Remaining Participants	6,907,989,919	43%	City of Oak Ridge North	39,462,000	1%		
			MSEC	101,929,000	3%		
<b>Total</b>	<b>16,099,637,719</b>	<b>100%</b>	<b>Total</b>	<b>3,972,118,000</b>	<b>100%</b>	<b>Total</b>	<b>515,860,000</b>
<b>Overall Reuse Usage (gallons)</b>				<b>92,893,972</b>			

Remaining Annual Surface Water Allocation						
As of August 1, 2024	FY24 Allocation	FY24 Actual	FY24 % Used	FY24 Remaining	FY24 % Remaining	Remaining Gallons Per Day
The Woodlands	2,830,803,000	2,409,833,000	85%	420,970,000	15%	6,682,063
City of Conroe	1,413,420,000	1,072,942,000	76%	340,478,000	24%	5,404,413
Rayford Road MUD	133,400,000	105,721,000	79%	27,679,000	21%	439,349
SMC MUD	139,621,000	115,861,000	83%	23,760,000	17%	377,143
MCMUD 99	123,382,000	126,370,000	102%	(2,988,000)	-2%	(47,429)
City of Oak Ridge North	43,993,000	39,462,000	90%	4,531,000	10%	71,921
MSEC	290,971,000	101,929,000	35%	189,042,000	65%	3,000,667
<b>Total</b>	<b>4,975,590,000</b>	<b>3,972,118,000</b>	<b>80%</b>	<b>1,003,472,000</b>	<b>20%</b>	<b>15,928,127</b>

### 3 – Division Updates

#### Maintenance

Work Orders	# of Work Orders	Hours Spent	Work Orders	# of Work Orders	Hours Spent
Preventive Maintenance (PM)	238	254.10	Corrective Maintenance (CM)	52	201.50

#### Water Conservation & Drought Contingency Plans

- GRP's Drought Contingency Plan is located on the SJRA website under the Information Library within the SJRA website.

#### Public Communication Activities

- None

## **Upcoming Activities**

- August 22<sup>nd</sup> – Tour of GRP by the South Central Membrane Association
- August 27<sup>th</sup> – Tour of GRP by the Woodlands MUD Directors

## **GRP Projects**

- **Arc Flash Study**
  - Reviewed draft report and provided comments to consultant. Awaiting final report and updated Arc Flash Hazard Sticker (to be placed around GRP facility by consultant).
- **Process Water Discharge Optimization**
  - Began sampling for project on 8/5 with the beginning of monthly membrane CIP. Eastex conducting testing of samples that cannot be tested within GRP lab.
- **Membrane Study**
  - Consultant making progress on project but fell behind schedule due to Hurricane Beryl. Consultant has started developing the two reports that will be deliverables for this project.

#### **4 – Financials**

**Due to implementation and transition of the new accounting system, financial information will not be available at this time.**

## 5 – GRP Acronyms and Definitions

<b>Acronyms</b>	
<b>AWS</b>	Alternate water source
<b>FY</b>	Fiscal year
<b>FYTD</b>	Fiscal year to date
<b>GMA 14</b>	Groundwater Management Area 14
<b>GPY</b>	Gallons per year
<b>GRP</b>	Groundwater Reduction Plan
<b>LSGCD</b>	Lone Star Groundwater Conservation District
<b>ORS</b>	Online Reporting System
<b>SJRA</b>	San Jacinto River Authority
<b>TCEQ</b>	Texas Commission on Environmental Quality
<b>TWDB</b>	Texas Water Development Board

<b>Definitions</b>	
<b>Groundwater Management Area 14</b>	Joint planning group created by the Texas state legislation to provide consideration for the conservation, preservation, protection, recharging, and prevention of waste of the groundwater, and of groundwater reservoirs or their subdivisions, and to control subsidence caused by withdrawal of water from those groundwater reservoirs or their subdivisions, consistent with the objectives of Section 59, Article XVI, Texas Constitution.
<b>Groundwater Reduction Plan</b>	The document developed and filed with the LSGCD indicating SJRA’s plan to reduce groundwater pumpage. The GRP is administered by the SJRA, including any supplements, revisions, or amendments.
<b>GRP Administrator</b>	The SJRA General Manager’s designee who administers the SJRA Groundwater Reduction Plan and GRP Contract with GRP Participants.
<b>GRP Contract</b>	Contract between the SJRA and a Participant to be included in the SJRA’s efforts to conserve groundwater.
<b>Participant(s)</b>	Regulated User(s) that enters into and remains subject to a written agreement with the SJRA to be included in the SJRA’s GRP and includes the legal successors or assigns of Participant(s).
<b>Regulated User(s)</b>	Any public or private entity or person that is or becomes subject to the District Regulatory Plan established by the LSGCD and includes any amendments, revisions or supplements thereto as June be adopted by the LSGCD.
<b>SJRA GRP Division</b>	Division of the SJRA responsible for GRP compliance, and the management, administration, operation and maintenance of the surface water facilities and surface water transmission system.