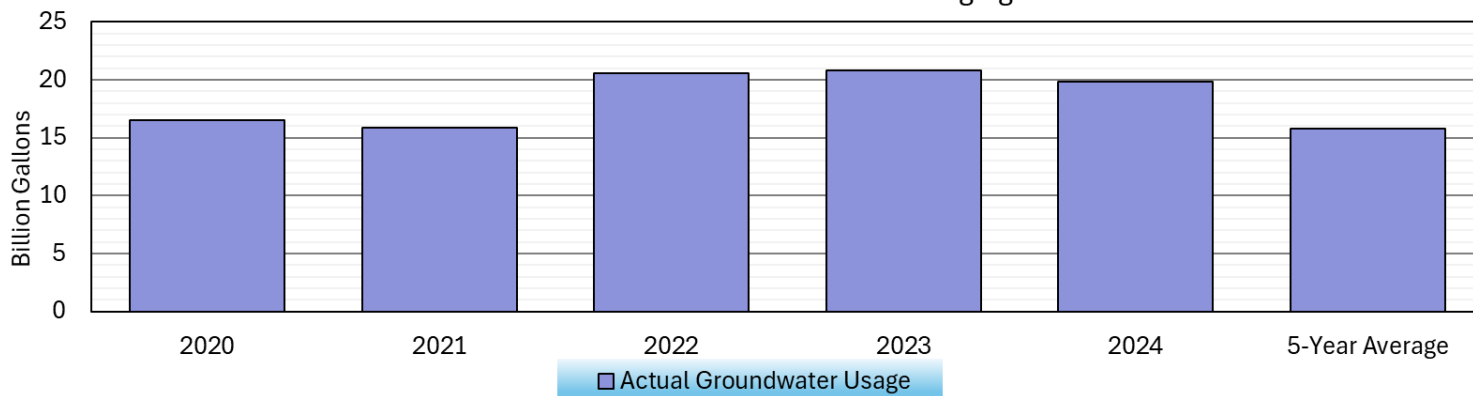


# GROUNDWATER REDUCTION PLAN MONTHLY OPERATIONS REPORT DECEMBER 2024



Annual Groundwater Data and Averaging



The purpose of the graph above 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.

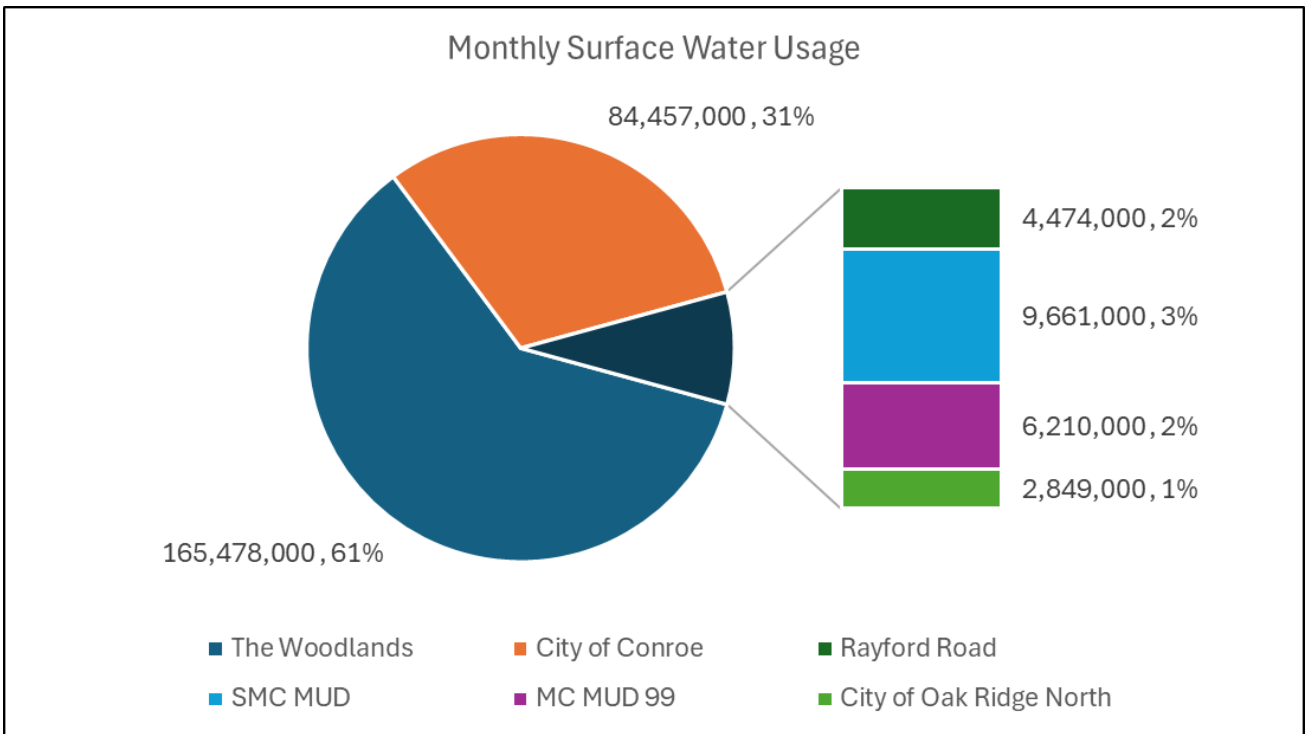
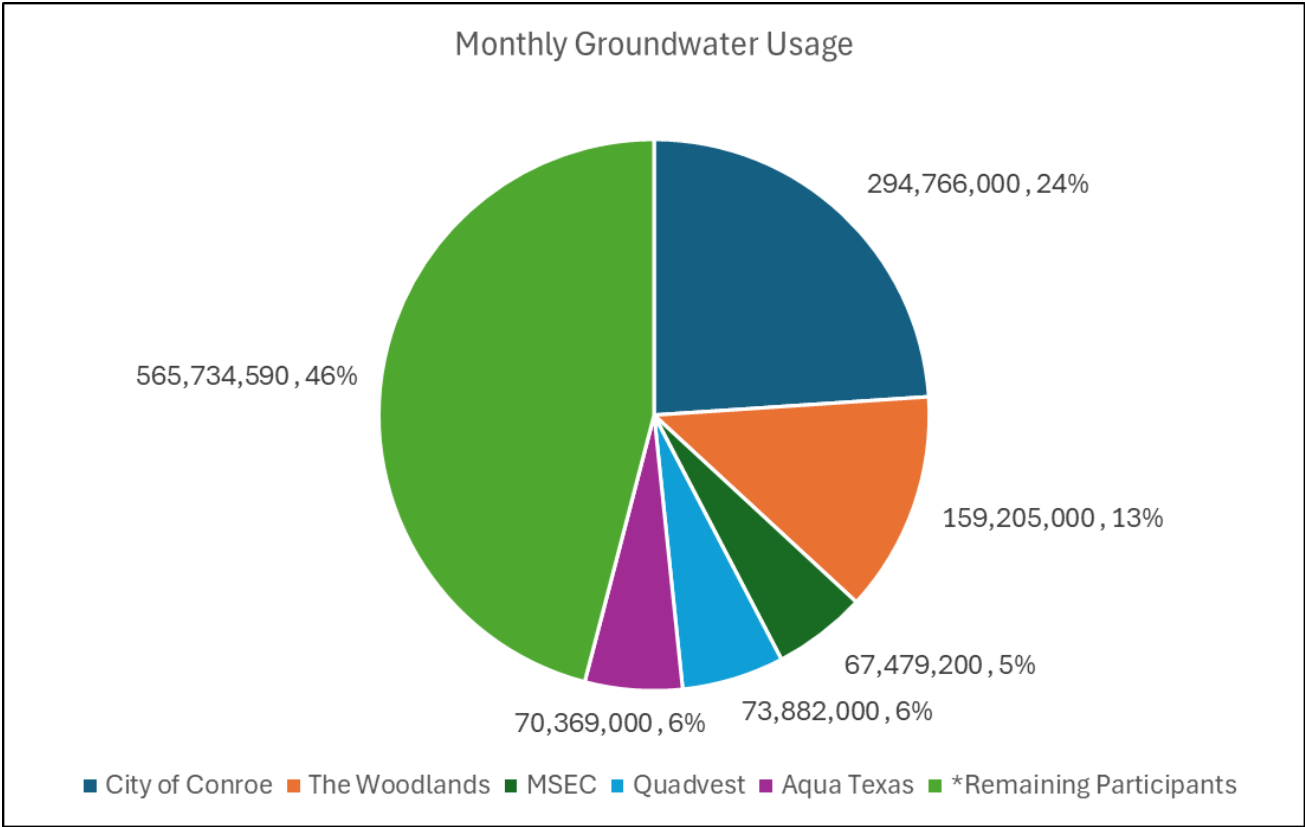
## Monthly Actual vs. Budgeted – October 2024

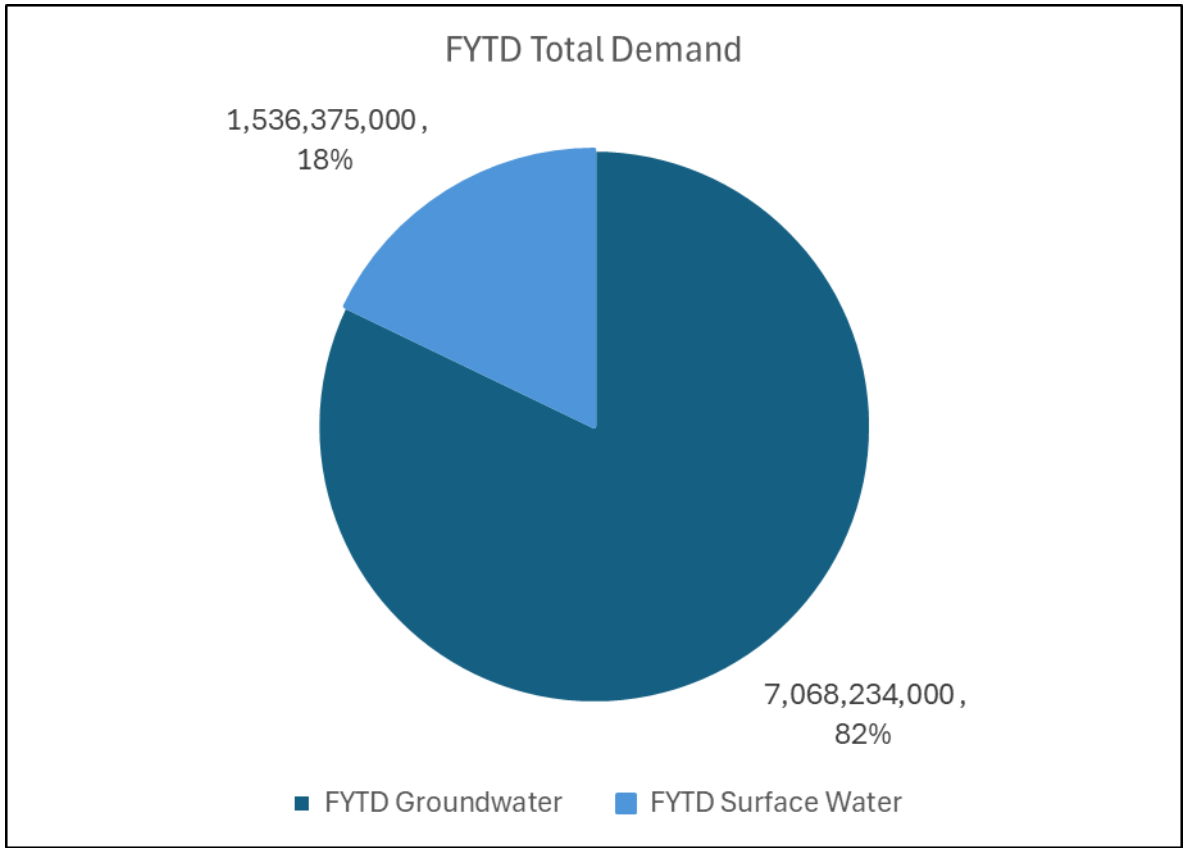
	Actual	Budgeted	% Variance
Total Revenues	\$8,340,869	\$5,946,921	29%
Total Expenses	\$2,839,769	\$3,085,866	-9%

Operating Fund Balance	\$23,600,035
Operating and Rate Stabilization Fund Balance	<b>\$6,360,537</b>
Months of Budgeted Operating Funds	<b>14.06</b>
Change from Previous Month	\$1,938,531
Interest & Principal Payment Due 10/1/2025	\$25,943,368
Interest Payment Due 4/1/2025	\$8,758,368
Balance in Debt Service Fund as of Month End	\$3,991,910

\*Monthly debt service is ~\$2.9 million

**Operations**





FYTD Groundwater Usage (gallons)			FYTD Surface Water Usage (gallons)		
<b>City of Conroe</b>	294,766,000	24%	<b>The Woodlands</b>	165,478,000	61%
<b>The Woodlands</b>	159,205,000	13%	<b>City of Conroe</b>	84,457,000	31%
<b>MSEC</b>	67,479,200	5%	<b>Rayford Road</b>	4,474,000	2%
<b>Quadvest</b>	73,882,000	6%	<b>SMC MUD</b>	9,661,000	4%
<b>Aqua Texas</b>	70,369,000	6%	<b>MC MUD 99</b>	6,210,000	2%
<b>*Remaining Participants</b>	565,734,590	46%	<b>City of Oak Ridge North</b>	2,849,000	1%
			<b>MSEC</b>	-	0%
<b>Total</b>	<b>1,231,435,790</b>	<b>100%</b>	<b>Total</b>	<b>273,129,000</b>	<b>100%</b>

Remaining Annual Surface Water Allocation					
As of November 30, 2024	FY25 Allocation	FY25 Actual	FY25 % Used	FY25 Remaining	FY25 % Remaining
City of Conroe	1,410,548,067	369,728,000	26%	1,040,820,067	74%
City of Oak Ridge North	36,592,700	17,214,000	47%	19,378,700	53%
MUD 99	100,471,500	30,340,000	30%	70,131,500	70%
MSEC	250,185,920	Allocation removed per MSEC request.			
Rayford Road MUD	112,335,700	43,263,000	39%	69,072,700	61%
The Woodlands	2,789,067,300	1,035,988,000	37%	1,753,079,300	63%
SMC MUD	119,680,100	39,842,000	33%	79,838,100	67%
<b>Total</b>	<b>4,818,881,287</b>	<b>1,536,375,000</b>	<b>32%</b>	<b>3,282,506,287</b>	<b>68%</b>

**GRP Public Activities**

- Members of SJRA’s Communications Team visited our community partners, wishing them a Merry Christmas and thanking them for their partnership
- December 17th SJRA’s General Manager Aubrey Spear and Woodlands Water Agency’s General Manager Erich Peterson were presenters at the Woodlands Area Chamber of Commerce Business Advocacy Council meeting

**Upcoming Events**

- Trinity River Authority tour of GRP SWTF



**Maintenance**

Asset	Purpose	Issue	Out of Service	In Service	Comments
High Service Pump Station (HSPS) Variable Frequency Drives (VFD's) 10 year PM	Surface Water Transmission	10yr PM	No more than one out of service at a time, starting 12/9/2024	Expected to finish the last around mid January	Major PM performed on the VFD's for the HSPS

December 2024					
Work Orders	# of Work Orders	Hours Spent	Work Orders	# of Work Orders	Hours Spent
Preventive Maintenance (PM)	278	232.50	Corrective Maintenance (CM)	39	110.50
FYTD (September 1 – December 31)					
Work Orders	# of Work Orders	Hours Spent	Work Orders	# of Work Orders	Hours Spent
Preventive Maintenance (PM)	973	886.10	Corrective Maintenance (CM)	162	778.25

## Projects

<b>Process Water Discharge Optimization</b>	<b>Location</b>	<b>Design</b>			SJRA & Plummer working on scheduling Workshop 3 to discuss preliminary cost estimates and feasibility of alternatives. Additional testing will be conducted in January to determine treatment feasibility.
	GRP Surface Water Treatment Facility (Membranes)	<b>Budget</b>	<b>Contract</b>	<b>Invoiced</b>	
		\$431,000	\$213,848	\$114,168	
		<b>Estimated Completion</b>	April 2025		
	<b>Funding Source(s)</b>	<b>Construction</b>			
	R&R	<b>Budget</b>	<b>Contract</b>	<b>Invoiced</b>	
	<b>Phase</b>	\$2,498,000	-	-	
Study	<b>Estimated Start</b>	FY2027			

<b>Membrane Replacement &amp; Capacity Study</b>	<b>Location</b>	<b>Design</b>			Ardurra and Plummer coordinated on Ardurra's recommendations in the Membrane Replacement Report. Ardurra continues to work on addressing SJRA's comments.
	GRP Surface Water Treatment Facility (Membranes)	<b>Budget</b>	<b>Contract</b>	<b>Invoiced</b>	
		\$350,000	\$299,824	\$299,824	
		<b>Estimated Completion</b>	November 2024		
	<b>Funding Source(s)</b>	<b>Construction</b>			
	R&R	<b>Budget</b>	<b>Contract</b>	<b>Invoiced</b>	
	<b>Phase</b>	\$5,400,000	-	-	
Study	<b>Estimated Start</b>	FY2027			

<b>Surface Water Receiving Facility Optimization Study</b>	<b>Location</b>	<b>Design</b>			Scope and level of effort development for GRP water model verification and updating almost complete. Anticipate NTP approximately January 20, 2025.
	All surface water receiving facilities	<b>Budget</b>	<b>Contract</b>	<b>Invoiced</b>	
		\$271,000	-	-	
		<b>Estimated Completion</b>	FY2026		
	<b>Funding Source(s)</b>	<b>Construction</b>			
	R&R	<b>Budget</b>	<b>Contract</b>	<b>Invoiced</b>	
	<b>Phase</b>	\$1,245,000	-	-	
Study	<b>Estimated Start</b>	FY2027			

## Financials

### San Jacinto River Authority – GRP Operating and Repair/Replacement Actual to Budget Comparison FYTD Ending October 31, 2024

	October		Actual	YTD		Annual Budget
	Actual	Budget		Budget	Variance	
Groundwater Pumpage \$2.67 per 1,000 gallons						
Surface water rate \$3.26 per 1,000 gallons						
<b>OPERATING REVENUES*</b>	\$ 7,842,663	\$ 5,936,216	\$ 14,516,918	\$ 12,616,714	\$ 1,900,204	\$ 60,299,118
<b>OTHER REVENUES**</b>	\$ 498,206	\$ 10,705	\$ 1,075,868	\$ 21,410	\$ 1,054,458	\$ 128,460
<b>OPERATING EXPENSES</b>						
Salaries, Wages, & Employee Benefits	\$ 394,650	\$ 391,141	\$ 764,935	\$ 782,281	\$ 17,346	\$ 5,099,605
Professional Fees	165,790	217,351	305,780	434,703	128,923	2,608,225
Purchased & Contracted Services	26,034	29,044	49,008	58,461	9,453	310,336
Supplies, Materials & Utilities	705,068	750,594	1,474,317	2,140,101	665,784	13,918,705
Rentals	727	333	1,431	667	(764)	4,000
Maintenance, Repairs & Parts	118,474	246,252	307,767	492,505	184,738	2,955,030
General & Administrative Expenses	23,025	45,150	49,013	90,291	41,278	546,246
<b>TOTAL OPERATING EXPENSES</b>	\$ 1,433,768	\$ 1,679,865	\$ 2,952,251	\$ 3,999,009	\$ 1,046,758	\$ 25,442,147
<b>NON-OPERATING EXPENSES</b>	\$ 1,406,001	\$ 1,406,001	\$ 2,918,807	\$ 2,865,080	\$ (53,727)	\$ 16,925,086
<b>TOTAL EXPENSES</b>	\$ 2,839,769	\$ 3,085,866	\$ 5,871,058	\$ 6,864,089	\$ 993,031	\$ 42,367,234
<b>NET REVENUES OVER EXPENSES</b>	\$ 5,501,100	\$ 2,861,055	\$ 9,721,728	\$ 5,774,035	\$ 3,947,693	\$ 18,060,344
<b>CAPITAL IMPROVEMENTS</b>	\$ 8,055	\$ 107,604	\$ 8,055	\$ 150,208	\$ 142,153	\$ 664,261
<b>OTHER SOURCES (USES)*</b>						
Bond Principal	\$ (1,432,083)	\$ (1,432,083)	\$ (2,808,750)	\$ (2,808,750)	\$ -	\$ (17,129,583)
Bond Funds	-	-	-	-	-	-
Operating Reserve Fund	-	-	-	-	-	(244,000)
Repair and Replacement Fund	-	-	-	-	-	(22,500)
Accounts Receivable-Uncollected***	(2,189,658)	-	(2,799,375)	-	(2,799,375)	-
<b>TOTAL OTHER SOURCES (USES)</b>	\$ (3,621,741)	\$ (1,432,083)	\$ (5,608,125)	\$ (2,808,750)	\$ (2,799,375)	\$ (17,396,083)
<b>NET CASH BASIS SOURCES (USES)</b>	\$ 1,871,305	\$ 1,321,368	\$ 4,105,549	\$ 2,815,077	\$ 1,290,472	\$ (0)
*Revenues include actual billings including short-pays and failure to pays.						
**Includes interest & penalty on Past Due Accounts Receivable. Majority of the balance remains uncollected.						
*** Total Past Due Receivables 60+ days at 10/31/2024	\$ 28,987,141					

## **GRP Acronyms and Definitions**

<b>Acronyms</b>	
<b>FY</b>	Fiscal year
<b>FYTD</b>	Fiscal year to date
<b>GPY</b>	Gallons per year
<b>GRP</b>	Groundwater Reduction Plan
<b>SJRA</b>	San Jacinto River Authority
<b>TCEQ</b>	Texas Commission on Environmental Quality

<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.