

# GROUNDWATER REDUCTION PLAN MONTHLY OPERATIONS REPORT MAY 2024



## Monthly Actual vs. Budgeted

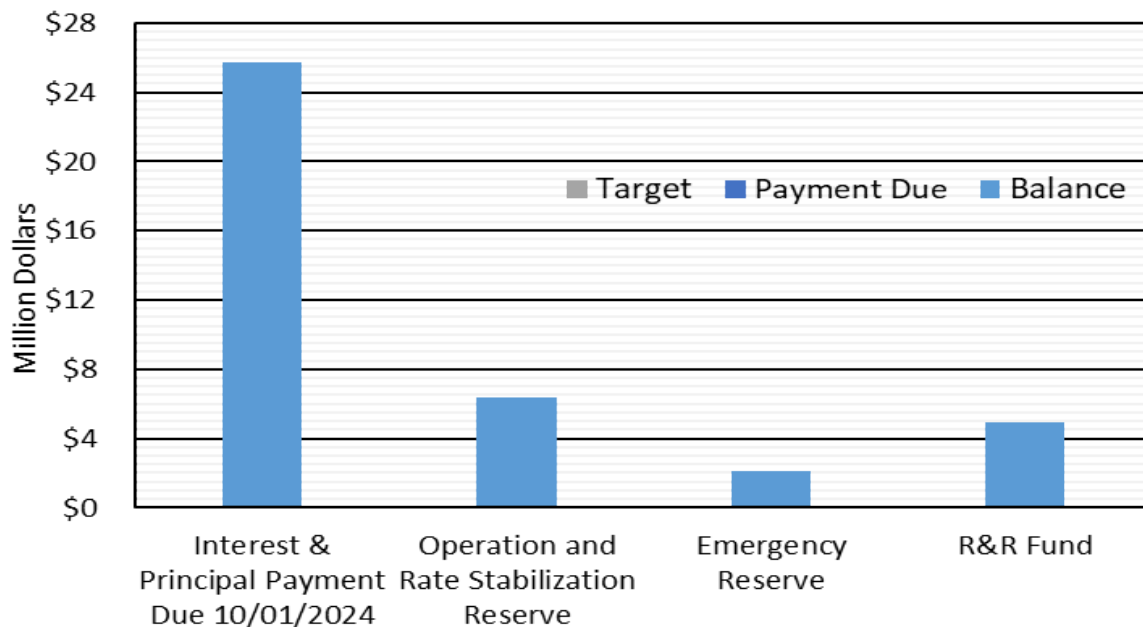
	Actual	Budgeted	% Variance
Operating Revenues	\$5,925,150	\$5,313,075	12%
Operating Expenses	\$1,043,320	\$1,609,516	35%

Operating Fund Balance	\$16,464,173
Operating and Rate Stabilization Fund Balance	\$6,393,549
Months of Budgeted Operating Funds	<b>10.73</b>
Change from Previous Month	**(\$17,047,358)
Interest & Principal Payment Due 10/1/2024	*\$25,596,839
Interest Payment Due 4/1/2024	*\$8,758,368
Balance in Debt Service Fund as of Month End	\$25,772,781

\*Monthly debt service is ~\$2.9 million

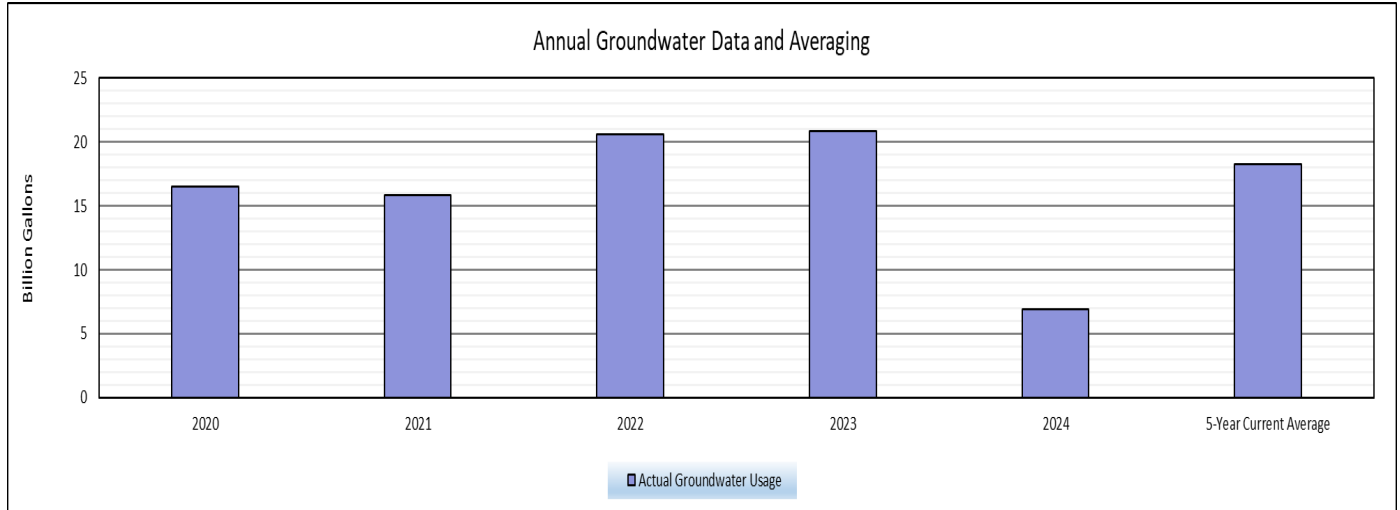
\*\*Bond defeasance of \$14M. Remainder is cash effect of Credit issued to customer – 1<sup>st</sup> month of multi month effect

## Current Fund Balances



## 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.

Reported Water Usage (gallons) as of April 30, 2024			
Groundwater	Surface Water	Catahoula	Reuse
1,575,715,299	321,420,000	45,980,000	6,037,275

Top Five Groundwater User Usage (gallons)		Reported Surface Water Usage (gallons)		Reported Catahoula Aquifer Usage (gallons)	
<b>City of Conroe</b>	357,248,000	<b>The Woodlands</b>	223,929,000	<b>City of Willis</b>	29,440,000
<b>The Woodlands</b>	219,994,000	<b>City of Conroe</b>	88,065,000	<b>Point Aquarius MUD</b>	8,853,000
<b>Quadvest</b>	113,337,000	<b>Rayford Road MUD</b>	9,206,000	<b>Far Hills UD</b>	5,437,000
<b>MSEC</b>	97,775,100	<b>MCMUD 99</b>	6,850,000	<b>Corinthian Point MUD 2</b>	2,250,000
<b>Aqua Texas</b>	77,255,000	<b>SMC MUD</b>	5,989,000	<b>City of Conroe</b>	0
		<b>City of Oak Ridge North</b>	1,777,000		
		<b>MSEC</b>	0		
<b>Total</b>	<b>865,609,100</b>	<b>Total</b>	<b>321,420,000</b>	<b>Total</b>	<b>45,980,000</b>

### **3 – Division Updates**

#### **Maintenance**

<b>Work Orders</b>	<b># of Work Orders</b>	<b>Hours Spent</b>	<b>Work Orders</b>	<b># of Work Orders</b>	<b>Hours Spent</b>
Preventive Maintenance (PM)	209	217	Corrective Maintenance (CM)	45	211.50

#### **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**

- May 9th - Hosted the Conroe/Lake Conroe Chamber Morning Mingle breakfast and tour of GRP.

#### **Upcoming Activities**

- June 11<sup>th</sup> - Tour of GRP by the East Montgomery County Republican Women

#### **GRP Projects**

- **Arc Flash Study**
  - Consultant was given access to SharePoint and has reviewed the data needed. Completed coordination with Entergy and currently performing QA/QC on the model. SJRA will receive the draft report by the week of June 17, 2024.
- **Process Water Discharge Optimization**
  - Project approved by the Board in May. Project Kickoff and initial site visit conducted on June 13, 2024.
- **Membrane Study**
  - Progress Meeting conducted on May 21, 2024. SJRA providing consultant with items from Data Request discussed in the progress meeting.
- **GRP Rate Study**
  - Amended Rate Order to be presented to SJRA Board of Directors June 27<sup>th</sup> for consideration and adoption.
  - Rate study memo to be completed by July 5, 2024.

## 5 – Financials

### San Jacinto River Authority – GRP Operating and Repair/Replacement Actual to Budget Comparison For the Eight Months Ending April 30, 2024

Groundwater Pumpage \$2.99 per 1,000 gallons  
Surface water rate \$3.41 per 1,000 gallons

	Actual	April Budget	Actual	YTD Budget	Variance	Annual Budget
<b>OPERATING REVENUES*</b>	\$ 5,925,150	\$ 5,313,075	\$ 33,946,072	\$ 26,550,505	\$ 7,395,567	\$ 50,351,778
<b>OTHER REVENUES**</b>	\$ 551,025	\$ 10,634	\$ 4,881,682	\$ 83,872	\$ 4,797,810	\$ 125,208
<b>OPERATING EXPENSES</b>						
Salaries, Wages, & Employee Benefits	\$ 335,525	\$ 384,041	\$ 2,806,861	\$ 3,278,933	\$ 472,073	\$ 5,005,281
Professional Fees	72,013	200,017	3,060,744	2,805,383	(255,361)	3,883,700
Purchased & Contracted Services	13,778	30,641	182,551	230,408	47,857	356,369
Supplies, Materials & Utilities	501,915	782,306	8,297,759	11,054,484	2,756,725	15,065,026
Rentals	-	333	965	2,668	1,703	4,000
Maintenance, Repairs & Parts	101,162	168,329	1,083,915	1,346,695	262,779	2,020,020
General & Administrative Expenses	18,926	43,850	218,086	352,925	134,839	539,801
<b>TOTAL OPERATING EXPENSES</b>	\$ 1,043,320	\$ 1,609,516	\$ 15,650,881	\$ 19,071,497	\$ 3,420,615	\$ 26,874,196
<b>NON-OPERATING EXPENSES</b>	\$ 1,512,807	\$ 1,512,807	\$ 12,149,668	\$ 12,149,668	\$ 0	\$ 18,200,894
<b>TOTAL EXPENSES</b>	\$ 2,556,127	\$ 3,122,323	\$ 27,800,549	\$ 31,221,164	\$ 3,420,615	\$ 45,075,090
<b>NET REVENUES OVER EXPENSES</b>	\$ 3,920,048	\$ 2,201,386	\$ 11,027,204	\$ (4,586,788)	\$ 15,613,992	\$ 5,401,896
<b>CAPITAL IMPROVEMENTS</b>	\$ -	\$ 126,648	\$ 109,034	\$ 1,513,184	\$ 1,404,150	\$ 2,164,781
<b>OTHER SOURCES (USES)*</b>						
Bond Principal	\$ (15,256,667)	\$ (15,256,667)	\$ (24,843,334)	\$ (24,843,334)	\$ -	\$ (30,470,000)
Bond Funds	-	-	-	-	-	-
Operating Reserve Fund	-	-	-	-	-	27,300,000
Repair and Replacement Fund	-	-	-	-	-	(67,115)
Accounts Receivable-Uncollected***	28,226	-	(4,260,045)	-	(4,260,045)	-
<b>TOTAL OTHER SOURCES (USES)</b>	\$ (15,228,441)	\$ (15,256,667)	\$ (29,103,379)	\$ (24,843,334)	\$ (4,260,045)	\$ (3,237,115)
<b>NET CASH BASIS SOURCES (USES)</b>	\$ (11,308,393)	\$ (13,181,929)	\$ (18,185,208)	\$ (30,943,306)	\$ 12,758,097	\$ 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 4/30/2024

**\$ 25,608,069**

## 6 – 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.