

# GROUNDWATER REDUCTION PLAN MONTHLY OPERATIONS REPORT MARCH 2024

Monthly Actual vs. Budgeted

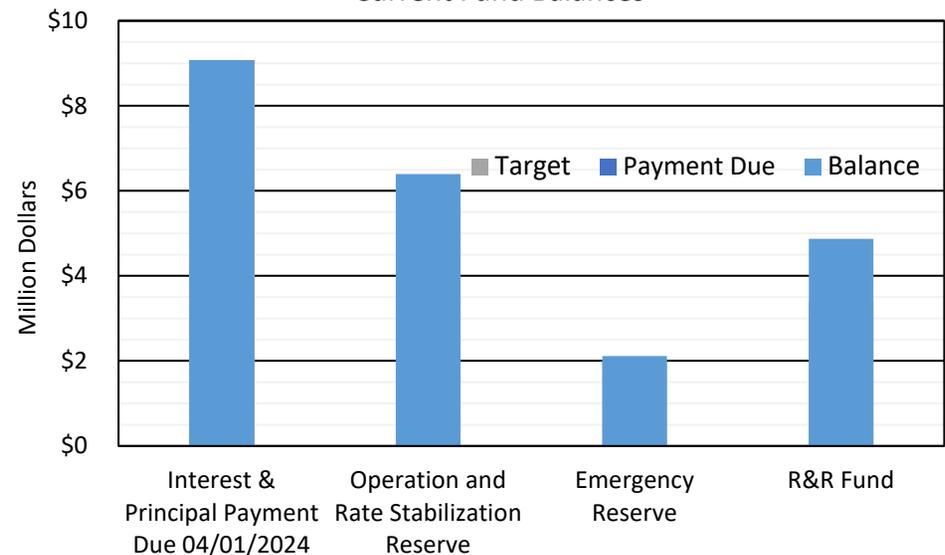
	Actual	Budgeted	% Variance
Operating Revenues	(\$6,477,968)	(\$7,453,972)	13%
Operating Expenses	\$2,302,233	\$3,465,440	34%

Operating Fund Balance	\$33,511,531
Operating and Rate Stabilization Fund Balance	\$6,393,549
Months of Budgeted Operating Funds	<b>18.72</b>
Change from Previous Month	(\$81,678)
Interest & Principal Payment Due 10/1/2024	*\$25,596,839
Interest Payment Due 4/1/2024	*\$9,076,839
Balance in Debt Service Fund as of Month End	\$8,879,923

\*Monthly debt service is ~\$2.9 million

\*-Negative revenue figure for March budgeted and actuals is due to the budget amendment approved by the SJRA Board on 3/28/2024 that actioned a \$12M rebate to participants

Current Fund Balances

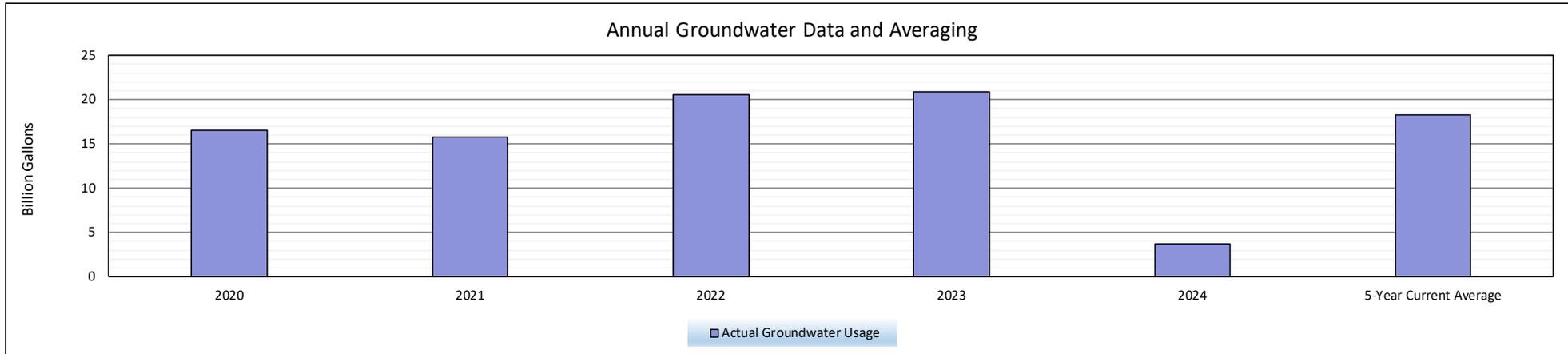


## **1.0 PARTICIPANT GROUNDWATER TRACKING**

The following information is related to the Joint GRP's groundwater usage and goals along with compliance with Lone Star Groundwater Conservation District's (LSGCD) rules and regulations.

### **1.1 GROUNDWATER DATA**

The purpose of the graph below is to track the GRP Participant's actual groundwater withdrawal. 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.



### **1.2 LONE STAR GROUNDWATER CONSERVATION DISTRICT REQUIREMENT STATUS**

The Joint GRP is compliant with Lone Star Groundwater Conservation District rules.

### **1.3 PARTICIPANTS**

There are currently 149 Joint GRP Participants.

The following are recently received, new Joint GRP Contracts and/or amendments to existing Joint GRP Contract's exhibits:

- None at this time.

## 2.0 REPORTED WATER USAGE

For the purpose of the GRP Monthly Operations Report, water usage is separated into three (3) categories; groundwater, alternative water source (AWS), and surface water withdrawal. Groundwater and AWS water usage is self-reported by Participants through an online reporting system (ORS), TrueBill. Pursuant to the GRP Rate Order, Participant water usage must be reported no later than ten (10) days from the end of the month. The water usage data in Sections 2.1 - 2.3 is as of March 30, 2024.

### 2.1 REPORTED GROUNDWATER USAGE

The amount of groundwater usage reported by GRP Participants for the month of March is **1,446,337,026** gallons.

#### 2.1.1 Top Five Groundwater Users

Top Five Groundwater User Usage in Gallons - March 2024	
City of Conroe	338,238,000
SJRA - The Woodlands	183,988,000
MSEC	88,983,400
Quadvest	85,025,000
Aqua Texas	74,267,000
<b>Total Gallons</b>	<b>770,501,400</b>

### 2.2 REPORTED ALTERNATIVE WATER SOURCE USAGE

For the purpose of this report, reported AWS usage is separated into three (3) categories: surface water, Catahoula Aquifer usage, and reuse. The amount of AWS usage reported for the month of March is **388,774,000** gallons. The AWS data reflected in the tables below are reported by source and Participant for the month of March.

#### 2.2.1 SURFACE WATER WITHDRAWAL

Surface water withdrawal is the amount of surface water that is metered through the Raw Water Intake. For the purpose of the GRP, the amount of surface water withdrawal from Lake Conroe for the month of March was **334,333,000** gallons.

### 2.2.2 REPORTED SURFACE WATER USAGE

Reported Surface Water Usage in Gallons - March 2024	
SJRA - The Woodlands	218,502,000
City of Conroe	83,299,000
Montgomery County MUD 99 (Also MUD 115 & MUD 127)	13,670,000
Southern Montgomery County MUD	8,526,000
MSEC Enterprises Montgomery Trace/Crown Oaks/Highland Ranch/Lake Forest/Shoreline	4,692,000
Rayford Road MUD	2,918,000
City of Oak Ridge North	2,726,000
<b>Total Gallons</b>	<b>334,333,000</b>

#### 2.2.3 REPORTED CATAHOULA AQUIFER USAGE

REPORTED CATAHOULA AQUIFER USAGE IN GALLONS - MARCH 2024	
City of Willis	28,431,000
Point Aquarius MUD	9,069,000
Far Hills Utility District	5,904,000
Corinthian Point MUD No. 2	2,767,000
City of Conroe	82,000
<b>Total Gallons</b>	<b>46,253,000</b>

#### 2.2.4 REPORTED REUSE WATER

Reported Reuse Water Usage in Gallons - March 2024	
Southern Montgomery County MUD	4,784,022
ClubCorp - Panther Trails	3,404,000
<b>Total Gallons</b>	<b>8,188,022</b>

### **3.0 DIVISION UPDATES**

#### **3.1 WORK ORDER**

<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)	245	248.25	Corrective Maintenance (CM)	52	238.25

#### **3.2 DROUGHT CONTINGENCY PLAN TRIGGERS/STATUS**

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

#### **3.3 PUBLIC COMMUNICATION ACTIVITIES**

- None at this time.

#### **3.4 UPCOMING ACTIVITIES**

- None at this time.

## 4.0 FINANCIAL

### 4.1 ACTUAL TO BUDGET COMPARISON

**San Jacinto River Authority – GRP Operating and Repair/Replacement  
Actual to Budget Comparison  
For the Six Months Ending March 31, 2024**

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

	March		YTD			Annual
	Actual	Budget	Actual	Budget	Variance	Budget
<b>OPERATING REVENUES*</b>	\$ (6,477,968)	\$ (7,453,972)	\$ 28,020,922	\$ 21,237,430	\$ 6,783,492	\$ 50,351,778
<b>OTHER REVENUES**</b>	\$ 652,642	\$ 10,034	\$ 4,330,657	\$ 73,238	\$ 4,257,419	\$ 125,208
<b>OPERATING EXPENSES</b>						
Salaries, Wages, & Employee Benefits	\$ 469,021	\$ 574,225	\$ 2,471,336	\$ 2,894,892	\$ 423,557	\$ 5,005,281
Professional Fees	316,414	1,205,767	2,988,731	2,605,367	(383,364)	3,883,700
Purchased & Contracted Services	20,357	27,322	168,773	199,767	30,994	356,369
Supplies, Materials & Utilities	1,277,947	1,443,588	7,795,843	10,272,178	2,476,335	15,065,026
Rentals	-	333	965	2,335	1,370	4,000
Maintenance, Repairs & Parts	188,733	168,329	982,753	1,178,365	195,612	2,020,020
General & Administrative Expenses	29,760	45,876	199,160	309,076	109,916	539,801
<b>TOTAL OPERATING EXPENSES</b>	<b>\$ 2,302,233</b>	<b>\$ 3,465,440</b>	<b>\$ 14,607,561</b>	<b>\$ 17,461,980</b>	<b>\$ 2,854,419</b>	<b>\$ 26,874,196</b>
<b>NON-OPERATING EXPENSES</b>	<b>\$ 1,512,807</b>	<b>\$ 1,512,807</b>	<b>\$ 10,636,861</b>	<b>\$ 10,636,861</b>	<b>\$ 0</b>	<b>\$ 18,200,894</b>
<b>TOTAL EXPENSES</b>	<b>\$ 3,815,040</b>	<b>\$ 4,978,247</b>	<b>\$ 25,244,422</b>	<b>\$ 28,098,841</b>	<b>\$ 2,854,419</b>	<b>\$ 45,075,090</b>
<b>NET REVENUES OVER EXPENSES</b>	<b>\$ (9,640,366)</b>	<b>\$ (12,422,185)</b>	<b>\$ 7,107,156</b>	<b>\$ (6,788,173)</b>	<b>\$ 13,895,330</b>	<b>\$ 5,401,896</b>
<b>CAPITAL IMPROVEMENTS</b>	<b>\$ -</b>	<b>\$ 126,648</b>	<b>\$ 109,034</b>	<b>\$ 1,386,536</b>	<b>\$ 1,277,502</b>	<b>\$ 2,164,781</b>
<b>OTHER SOURCES (USES)*</b>						
Bond Principal	\$ (1,376,667)	\$ (1,376,667)	\$ (9,586,667)	\$ (9,586,667)	\$ -	\$ (30,470,000)
Bond Funds	-	-	-	-	-	-
Operating Reserve Fund	-	-	-	-	-	27,300,000
Repair and Replacement Fund	-	-	-	-	-	(67,115)
Accounts Receivable-Uncollected***	(469,430)	-	(4,288,271)	-	(4,288,271)	-
<b>TOTAL OTHER SOURCES (USES)</b>	<b>\$ (1,846,097)</b>	<b>\$ (1,376,667)</b>	<b>\$ (13,874,938)</b>	<b>\$ (9,586,667)</b>	<b>\$ (4,288,271)</b>	<b>\$ (3,237,115)</b>
<b>NET CASH BASIS SOURCES (USES)</b>	<b>\$ (11,486,463)</b>	<b>\$ (13,925,500)</b>	<b>\$ (6,876,816)</b>	<b>\$ (17,761,377)</b>	<b>\$ 10,884,561</b>	<b>\$ 0</b>

\*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 3/31/2024 **\$ 25,636,294**

## **5.0 PROJECTS AND FUNDING**

### **5.1 INTERNAL GRP PROJECTS**

<b>Project</b>	<b>Funding Source</b>	<b>Project Stage</b>	<b>Notes</b>
GRP Arc Flash Study	O&M	Study	Consultant performing updates to the Arc Flash Study and developing a new eTAP model. SJRA staff compiling record drawings as requested by consultant. Consultant coordinating with Entergy to obtain additional data.
GRP O&M Benchmarking	O&M	Study	SJRA staff provided comments on draft report from consultant. Consultant submitted final report addressing comments on 4/8.
GRP Process Water Discharge Optimization	R&R	Study	Negotiating scope of project with consultant. This project will be a May Board item and is expected for kickoff in June.
GRP Membrane Capacity Study	O&M	Study	Project kicked off on 4/8. Consultant is reviewing data provided by SJRA and a site visit of the facility has been scheduled for 4/26. Consultant will reach out with any additional data needs after site visit.

### **5.2 EXTERNAL GRP PROJECTS**

- None at this time.

## GRP ACRONYMS AND DEFINITIONS

### ACRONYMS

AWS	Alternative Water Source
AWWA	American Water Works Association
FY	Fiscal Year
FYTD	Fiscal Year To Date
GMA 14	Groundwater Management Area 14
GPY	Gallons Per Year
GRP	Groundwater Reduction Plan
KPI	Key Performance Indicator
LSGCD	Lone Star Groundwater Conservation District
ORS	Online Reporting System
SJRA	San Jacinto River Authority
TCEQ	Texas Commission on Environmental Quality
TWDB	Texas Water Development Board

### DEFINITIONS

Groundwater Management Area 14	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.
Groundwater Reduction Plan (GRP)	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.
Groundwater User	An entity that produces groundwater.
GRP Administrator	The SJRA General Manager's designee who administers the SJRA Groundwater Reduction Plan and GRP Contract with GRP Participants.
GRP Contract	Contract between the SJRA and a Participant to be included in the SJRA's efforts to conserve groundwater.
Joint GRP	GRP which is prepared to include (takes into account) groundwater users who have executed a GRP Contract with the SJRA to join the SJRA's GRP.
Participant(s)	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).
Regulated User(s)	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.
SJRA GRP Division	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.

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