

GROUNDWATER REDUCTION PLAN MONTHLY OPERATIONS REPORT AUGUST 2024



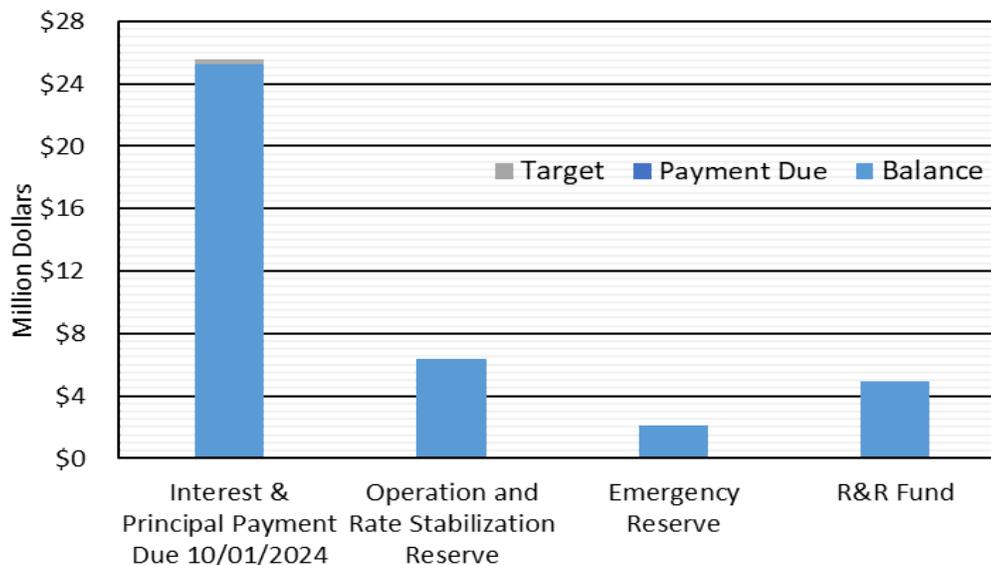
Monthly Actual vs. Budgeted

	Actual	Budgeted	% Variance
Operating Revenues	\$6,505,124	\$5,619,973	16%
Operating Expenses	\$1,650,271	\$2,439,667	32%

Operating Fund Balance	\$12,325,975
Operating and Rate Stabilization Fund Balance	\$6,393,549
Months of Budgeted Operating Funds	8.78
Change from Previous Month	(\$3,042,049)
Interest & Principal Payment Due 10/1/2024	\$25,274,475
Interest Payment Due 4/1/2025	\$8,758,368
Balance in Debt Service Fund as of Month End	*\$17,660,358

*Monthly debt service is ~\$2.9 million
As of June 30, 2024

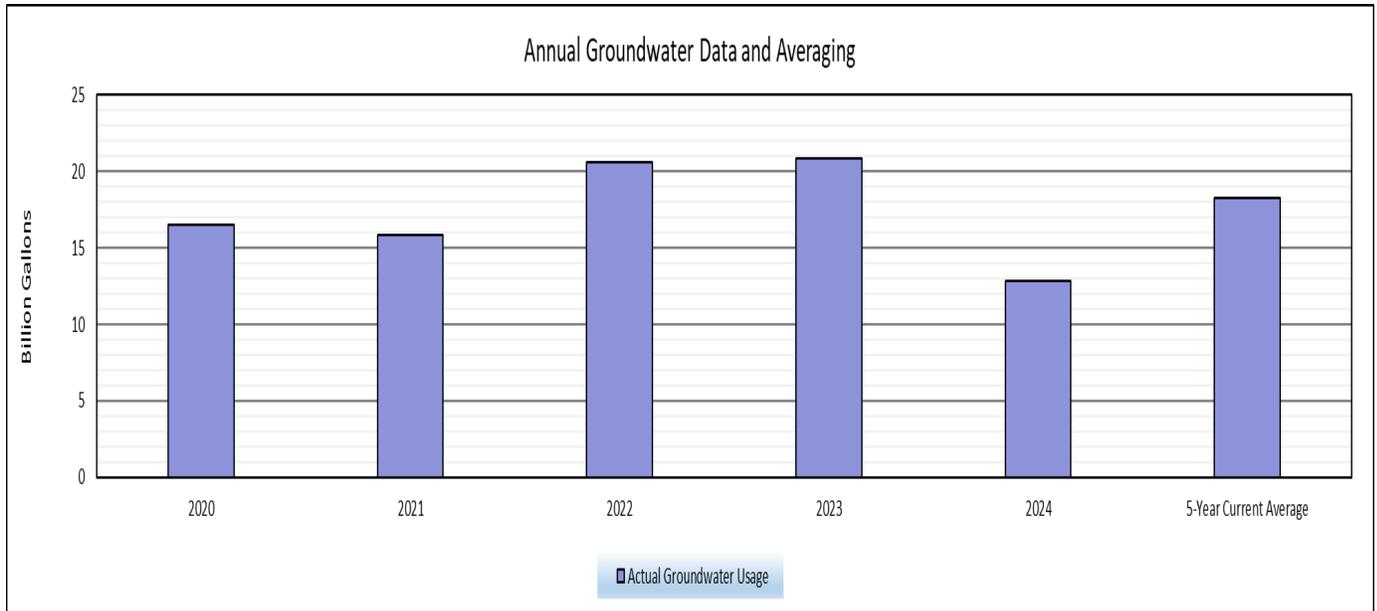
*Current Fund Balances



As of June 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	366,394,000	16%	The Woodlands	341,009,000	59%	City of Willis	46,840,000
The Woodlands	326,947,000	14%	City of Conroe	201,005,000	35%	Point Aquarius MUD	16,211,000
MSEC	178,812,000	8%	SMC MUD	9,832,000	2%	Far Hills UD	10,522,000
Quadvest	176,620,000	8%	MCMUD 99	8,440,000	1%	Corinthian Point MUD 2	5,009,000
Aqua Texas	107,709,000	5%	Rayford Road	8,074,000	1%	City of Conroe	-
*Remaining Participants	1,116,568,501	49%	City of Oak Ridge North	5,612,000	1%		
Total	2,273,050,501	100%	MSEC	-	0%		
			Total	573,972,000	100%	Total	78,582,000
Overall Reuse Usage (gallons)			6,682,327				
*5 entities have not reported							

FY Groundwater Usage (gallons)			FY Surface Water Usage (gallons)			FY Catahoula Usage (gallons)	
City of Conroe	4,055,619,000	22%	The Woodlands	2,750,842,000	61%	City of Willis	353,190,000
The Woodlands	2,790,211,000	15%	City of Conroe	1,273,947,000	28%	Point Aquarius MUD	124,299,000
Quadvest	1,329,684,000	7%	Rayford Road MUD	113,795,000	3%	Far Hills UD	80,235,000
MSEC	1,173,737,800	6%	SMC MUD	125,693,000	3%	Corinthian Point MUD 2	36,395,000
Aqua Texas	998,878,000	5%	MCMUD 99	134,810,000	3%	City of Conroe	323,000
Remaining Participants	8,024,558,420	44%	City of Oak Ridge North	45,074,000	1%		
			MSEC	101,929,000	2%		
Total	18,372,688,220	100%	Total	4,546,090,000	100%	Total	594,442,000
Overall Reuse Usage (gallons)				99,576,299			

Remaining Annual Surface Water Allocation						
As of August 31, 2024	FY24 Allocation	FY24 Actual	FY24 % Used	FY24 Remaining	FY24 % Remaining	Remaining Gallons Per Day
The Woodlands	2,830,803,000	2,750,842,000	97%	79,961,000	3%	1,269,222
City of Conroe	1,413,420,000	1,273,947,000	90%	139,473,000	10%	2,213,857
Rayford Road MUD	133,400,000	113,795,000	85%	19,605,000	15%	311,190
SMC MUD	139,621,000	125,693,000	90%	13,928,000	10%	221,079
MCMUD 99	123,382,000	134,810,000	109%	(11,428,000)	-9%	(181,397)
City of Oak Ridge North	43,993,000	45,074,000	102%	4,531,000	10%	71,921
MSEC	290,971,000	101,929,000	35%	189,042,000	65%	3,000,667
Total	4,975,590,000	4,546,090,000	91%	429,500,000	9%	6,817,460

3 – Division Updates

Maintenance

Work Orders	# of Work Orders	Hours Spent	Work Orders	# of Work Orders	Hours Spent
Preventive Maintenance (PM)	231	233.60	Corrective Maintenance (CM)	58	278.50

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

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

Upcoming Activities

- September 25th – Host the Greater Houston Pretreatment Professionals Committee Meeting and tour of the GRP Surface Water Treatment Facility.

GRP Projects

- Arc Flash Study
 - Final report submitted by consultant. Updated Arc Flash Hazard stickers placed across the GRP facility by consultant with guidance from operations crew.
- Process Water Discharge Optimization
 - Consultant reviewing sample results from membrane cleanings in August and waiting for results from September. Will discuss with SJRA staff after all data is compiled and reviewed.
- Membrane Study
 - Consultant is finalizing drafts of both reports and will discuss with SJRA before comments are to be provided.

4 – Financials

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

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

	Actual	June Budget	Actual	YTD Budget	Variance	Annual Budget
OPERATING REVENUES*	\$ 6,505,124	\$ 5,619,973	\$ 46,290,307	\$ 37,141,526	\$ 9,148,781	\$ 50,351,778
OTHER REVENUES**	\$ 677,706	\$ 10,034	\$ 5,978,471	\$ 104,540	\$ 5,873,931	\$ 125,208
OPERATING EXPENSES						
Salaries, Wages, & Employee Benefits	\$ 352,023	\$ 384,041	\$ 3,506,834	\$ 4,047,015	\$ 540,181	\$ 5,005,281
Professional Fees	45,339	283,267	3,228,945	3,133,667	(95,279)	3,883,700
Purchased & Contracted Services	39,814	30,974	236,154	291,208	55,054	356,369
Supplies, Materials & Utilities	1,101,694	1,528,873	9,985,722	13,353,607	3,367,885	15,065,026
Rentals	-	333	965	3,334	2,369	4,000
Maintenance, Repairs & Parts	99,011	168,329	1,277,616	1,683,353	405,737	2,020,020
General & Administrative Expenses	12,391	43,850	247,498	440,624	193,126	539,801
TOTAL OPERATING EXPENSES	\$ 1,650,271	\$ 2,439,667	\$ 18,483,734	\$ 22,952,809	\$ 4,469,074	\$ 26,874,196
NON-OPERATING EXPENSES	\$ 1,512,807	\$ 1,512,807	\$ 15,175,281	\$ 15,175,281	\$ -	\$ 18,200,894
TOTAL EXPENSES	\$ 3,163,078	\$ 3,952,473	\$ 33,659,015	\$ 38,128,090	\$ 4,469,074	\$ 45,075,090
NET REVENUES OVER EXPENSES	\$ 4,019,752	\$ 1,677,534	\$ 18,609,763	\$ (882,024)	\$ 19,491,786	\$ 5,401,895
CAPITAL IMPROVEMENTS	\$ -	\$ 156,648	\$ 213,136	\$ 1,851,484	\$ 1,638,348	\$ 2,164,781
OTHER SOURCES (USES)*						
Bond Principal	\$ (1,376,667)	\$ (1,376,667)	\$ (27,596,667)	\$ (27,596,667)	\$ -	\$ (30,470,000)
Bond Funds	-	-	-	-	-	-
Operating Reserve Fund	-	-	-	-	-	27,300,000
Repair and Replacement Fund	-	-	-	-	-	(67,115)
Accounts Receivable-Uncollected***	529,763	-	(957,030)	-	(957,030)	-
TOTAL OTHER SOURCES (USES)	\$ (846,904)	\$ (1,376,667)	\$ (28,553,697)	\$ (27,596,667)	\$ (957,030)	\$ (3,237,115)
NET CASH BASIS SOURCES (USES)	\$ 3,172,848	\$ 144,219	\$ (10,157,070)	\$ (30,330,175)	\$ 20,173,104	\$ 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 6/30/2024

\$ 22,305,053

5 – GRP Acronyms and Definitions

Acronyms	
AWS	Alternate water source
FY	Fiscal year
FYTD	Fiscal year to date
GMA 14	Groundwater Management Area 14
GPY	Gallons per year
GRP	Groundwater Reduction Plan
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	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.
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.
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.