

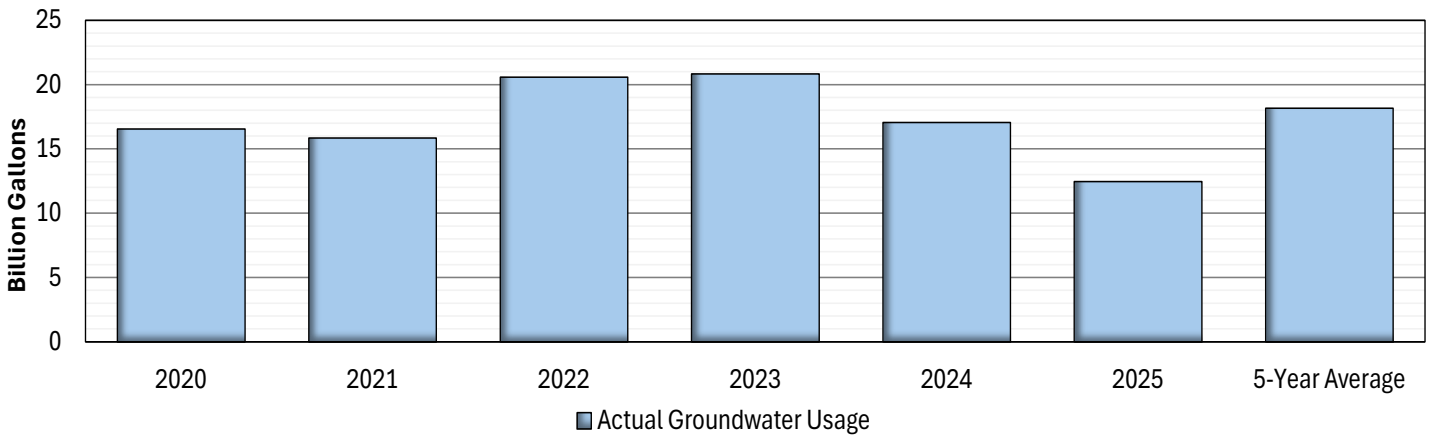
# GROUNDWATER REDUCTION PLAN

## MONTHLY OPERATIONS REPORT

### AUGUST 2025



**Annual Groundwater Data and Averaging**



The graph provides groundwater withdrawals of the GRP participants from the last five years, the current calendar year's groundwater withdrawals to date, and the current 5-year average.

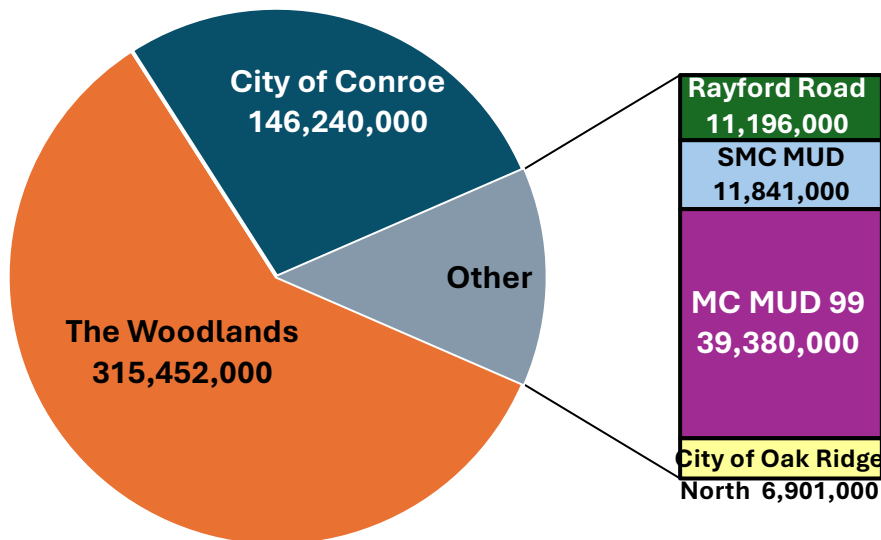
**Remaining Annual Surface Water Allocation**

As of August 31, 2025	FY25 Allocation	FY25 Actual	FY25 % Used	FY25 Remaining	FY25 % Remaining
City of Conroe	1,410,548,067	1,349,478,000	96%	61,070,067	4%
City of Oak Ridge North	51,192,700	46,356,000	91%	4,836,700	9%
MUD 99	100,471,500	150,180,000	149%	* (49,708,500)	-49%
MSEC	250,185,920	FY 25 Allocation removed per MSEC request.			
Rayford Road MUD	112,335,700	111,289,000	99%	1,046,700	1%
The Woodlands	2,789,067,300	2,776,121,000	100%	12,946,300	0%
SMC MUD	119,680,100	118,738,000	99%	942,100	1%
<b>Total</b>	<b>4,833,481,287</b>	<b>4,552,162,000</b>	<b>94%</b>	<b>281,319,287</b>	<b>6%</b>

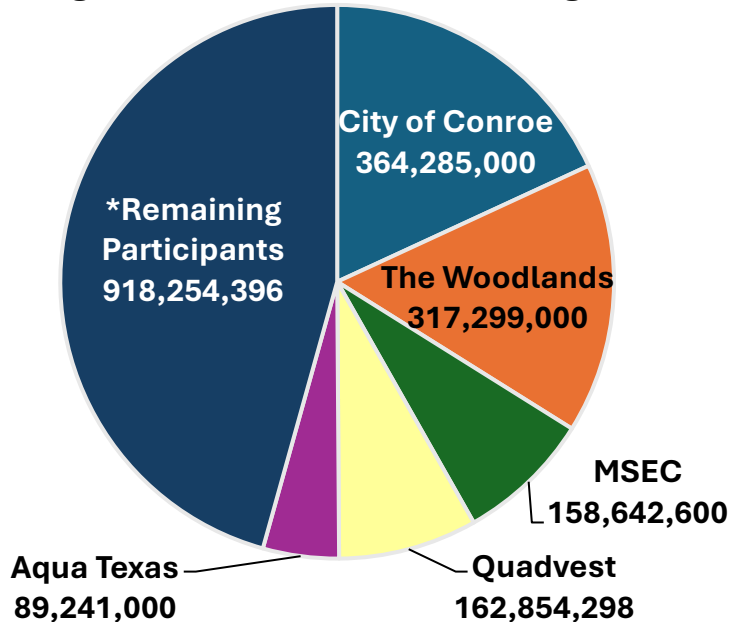
\* The GRP Administrator authorized an additional 1,000 gallons per minute of water usage due to emergency conditions resulting from two wells being out of service. This additional allocation to come from unallocated MSEC usage in FY25.

## OPERATIONS

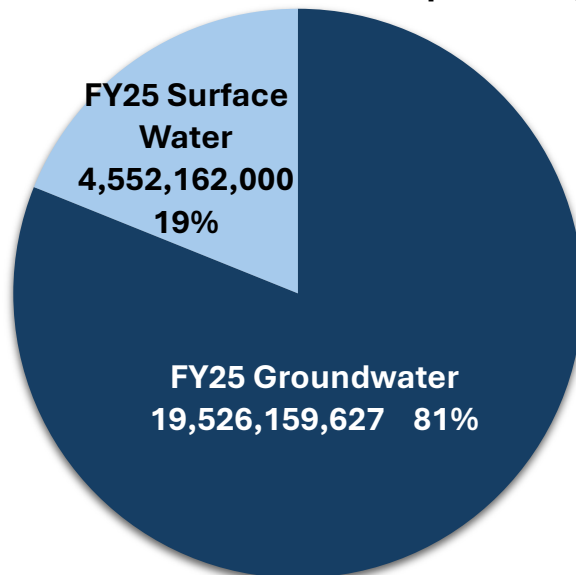
### August 2025 - Surface Water Usage



### August 2025 - Groundwater Usage



### FY25 Total Demand - Sept. 1 - Aug 31



FYTD Groundwater Usage (gallons)			FYTD Surface Water Usage (gallons)			FYTD Catahoula Usage (gallons)	
City of Conroe	3,996,364,000	20%	The Woodlands	2,776,121,000	61%	City of Willis	362,066,000
The Woodlands	2,826,189,000	14%	City of Conroe	1,349,478,000	30%	Point Aquarius MUD	129,134,000
Quadvest	1,392,977,000	7%	Rayford Road MUD	111,289,000	2%	Far Hills UD	80,503,000
MSEC	1,345,457,500	7%	SMC MUD	118,738,000	3%	Corinthian Point MUD 2	37,605,000
Aqua Texas	958,701,999	5%	MC MUD 99	150,180,000	3%	City of Conroe	53,000
Remaining Participants	9,006,470,128	46%	City of Oak Ridge North	46,356,000	1%		
			MSEC	-	0%		
<b>Total</b>	<b>19,526,159,627</b>	<b>100%</b>	<b>Total</b>	<b>4,552,162,000</b>	<b>100%</b>	<b>Total</b>	<b>609,361,000</b>

As of the preparation of this report, four (4) entities had not yet reported.



## MAINTENANCE

Asset	Purpose	Issue	Out of Service	In Service	Comments
12" Segment C2 Transmission Line at White Oak Creek	Provide surface water to Conroe WP#6	HDPE line cracked	8/6/2025	9/4/2025	Leak was found on the 6 <sup>th</sup> and repair was completed on the 28 <sup>th</sup> . After flushing and sampling, the line was returned to service on the 4 <sup>th</sup> .
Chemical Pumps and Lines	Transfer chemicals to various plant processes	Leaks on fittings that have split	Redundant lines kept plant running while repairs were made.		Various fittings on chemical lines split causing leaks. Leaks were repaired as soon as they were located.
Floculator 02-001	Settle out solids in the pretreat basin	VFD failed causing motor failure	8/23/2025	8/26/2025	Replaced VFD on the 23 <sup>rd</sup> , motor was delivered and installed on the 26 <sup>th</sup> .

August 2025					
Work Orders	# of Work Orders	Hours Spent	Work Orders	# of Work Orders	Hours Spent
Preventive Maintenance (PM)	213	354.35	Corrective Maintenance (CM)	66	173.75
FY2025 (September 1 – August 31)					
Work Orders	# of Work Orders	Hours Spent	Work Orders	# of Work Orders	Hours Spent
Preventive Maintenance (PM)	2816	3895.20	Corrective Maintenance (CM)	512	1983.90



August 6, 2025, GRP 12" HDPE Water Line Break



## PROJECTS

Surface Water Receiving Facility Optimization Study	Location	GRP Hydraulic Model Update		
	All surface water receiving facilities	Budget	Contract	Invoiced
		\$70,603	\$70,603	\$61,113
		Estimated Start Date:		January-25
		Completion Date:		June-25
		Preliminary Design		
		Budget	Contract	Invoiced
		\$75,000	-	\$ -
		Estimated Start Date:		July-25
		Estimated Completion Date:		November-25
		Final Design		
		Budget	Contract	Invoiced
		\$126,000	-	\$ -
		Estimated Start Date:		January-26
		Estimated Completion Date:		FY2027
	Funding Source(s)	Construction		
	R&R	Budget	Contract	Invoiced
	Phase	\$1,245,000	-	\$ -
	Preliminary Design/ Procurement	Estimated Start Date:		FY2027
Work Order No. 3 for maximum flow analysis of all eighteen (18) surface water receiving facilities was presented at the August 2025 GRP Review Committee Meeting and approved at the August 2025 SJRA Regular Board Meeting. The PO was issued on September 10, 2025. The kick-off meeting is scheduled for September 25, 2025.				

## GRP ACRONYMS AND DEFINITIONS

### Acronyms

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

### Definitions

<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.