

WOODLANDS MONTHLY OPERATIONS REPORT

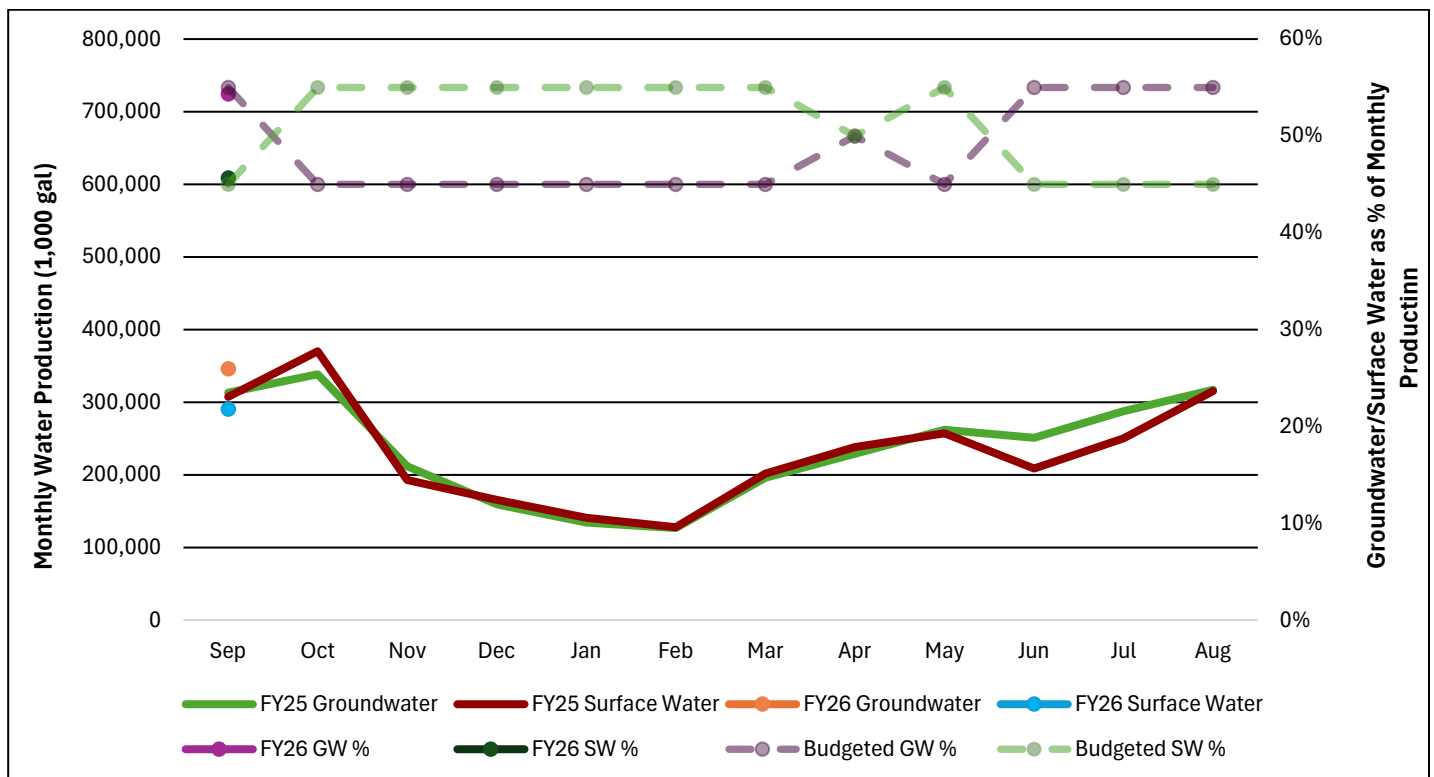
SEPTEMBER 2025

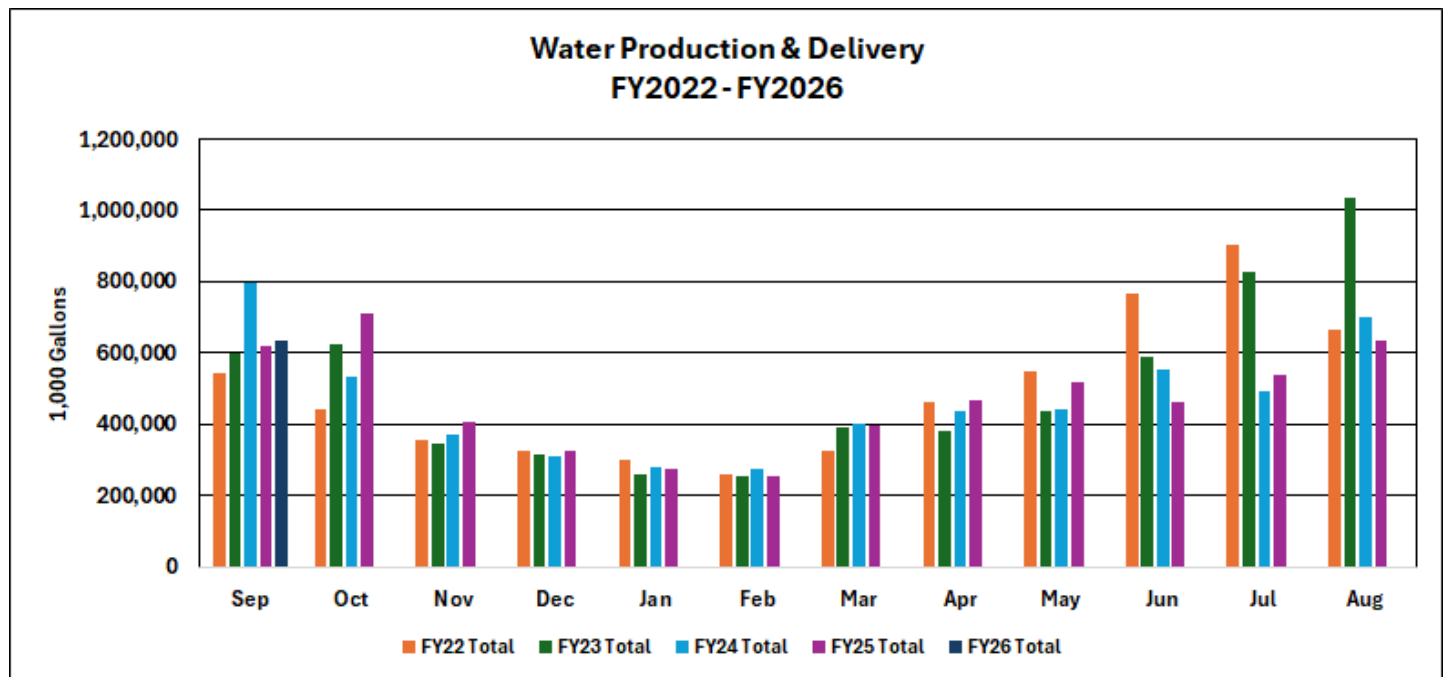
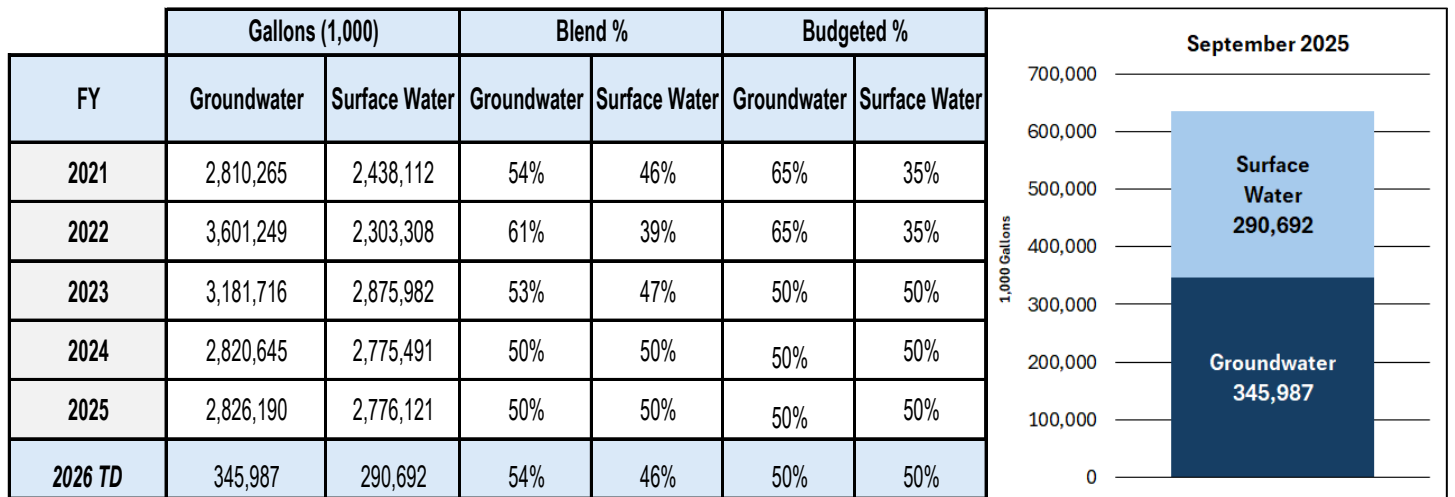


MONTHLY SUMMARY

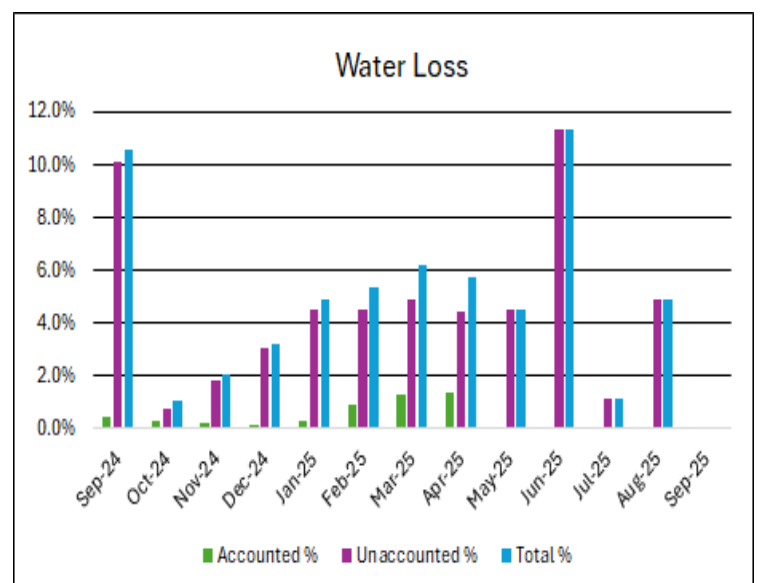
For the month of September 2025, we are pleased to report there were no violations, major maintenance events, or unbudgeted expenditures for the Woodlands Division.

WATER PRODUCTION





SJRA Accounted for Water Loss (Gallons)			
Fire Flow	Flush	Break	Cause
	5,500		SJRA dead-end main flushing
		295,000	8" main puncture S.Trade Center Pkwy
*Total Water Loss			
		Sept 2024 - Aug 2025	**FY 2026
SJRA Accounted Loss		0.4%	*
Unaccounted Loss		4.7%	*
Total Loss		5.1%	*



*Water Loss is one month behind due to timing of the monthly MUD billing data.
 **Water loss budgeted at 4.0% for FY2026

WASTEWATER SYSTEM

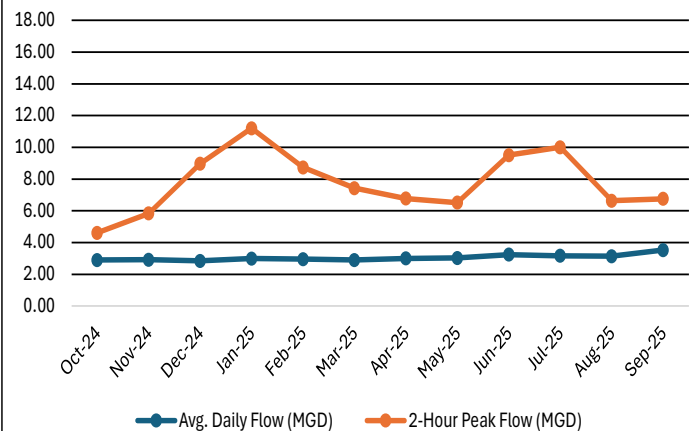
The SJRA – Woodlands Division wholesale wastewater system contains three wastewater treatment facilities (WWTFs), 30 lift stations, 50 miles of gravity wastewater mains (15" and larger), and 20 miles of force mains from 4" to 24". These facilities are operated and maintained according to TCEQ and EPA rules and regulations as stated in facility specific permits, along with state and federal regulations.

WWTF No. 1 - 2436 Sawdust Road

- Year of original construction: 1975
- Permitted treatment capacity: 7.8 MGD
- Permitted 2-Hour peak flow: 18.0 MGD
- Permit expiration date: May 2027
- Water quality testing conducted 24/7/365
- Water quality tests per year (on average): 3,012
- Discharges into Lower Panther Branch

WWTF No. 1 Parameter	Permit	Sep-25
Avg. Daily Flow (MGD)	7.8	3.53
2-Hour Peak Flow (MGD)	18	9/8/25 6.76
Chlorine (mg/l)	0.1	0.02
E. Coli (colonies per 100 ml)	200	1.00

12-Month Flows at WWTF No. 1

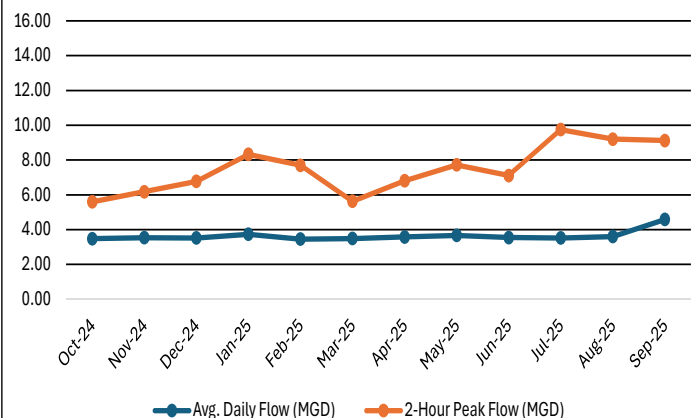


WWTF No. 2 - 5602 Research Forest Drive

- Year of original construction: 1998, expanded in 2005
- Permitted treatment capacity: 6.0 MGD
- Permitted 2-Hour peak flow: 15.6 MGD
- Permit expiration date: May 2027
- Water quality testing conducted 24/7/365
- Water quality tests per year (on average): 3,012
- Discharges into Upper Panther Branch

WWTF No. 2 Parameter	Permit	Sep-25
Avg. Daily Flow (MGD)	6	4.58
2-Hour Peak Flow (MGD)	15.6	9/1/25 9.123
Chlorine (mg/l)	0.1	0.01
E. Coli (colonies per 100 ml)	200	6.30

12-Month Flows at WWTF No. 2

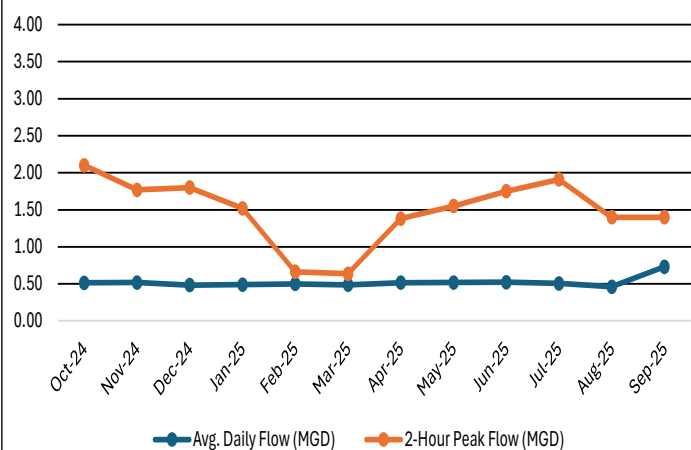


WWTF No. 3 - 555 Trade Center Parkway

- Year of original construction: 1998, expanded in 2003
- Permitted treatment capacity: 0.9 MGD
- Permitted 2-Hour peak flow: 3.6 MGD
- Permit expiration date: May 2027
- Water quality testing conducted 24/7/365
- Water quality tests per year (on average): 1,066
- Discharges into unnamed tributary San Jacinto River

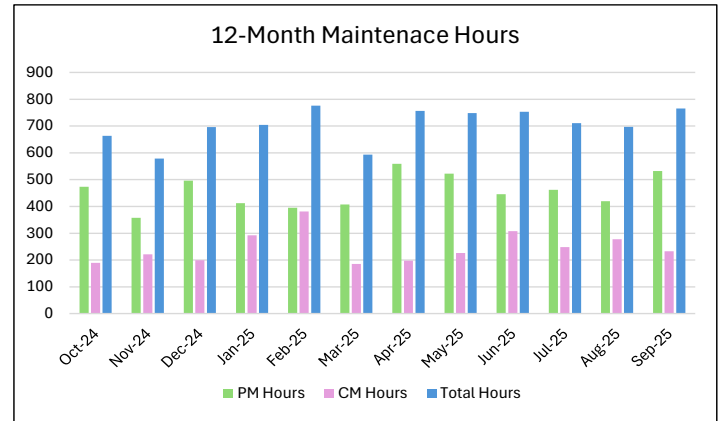
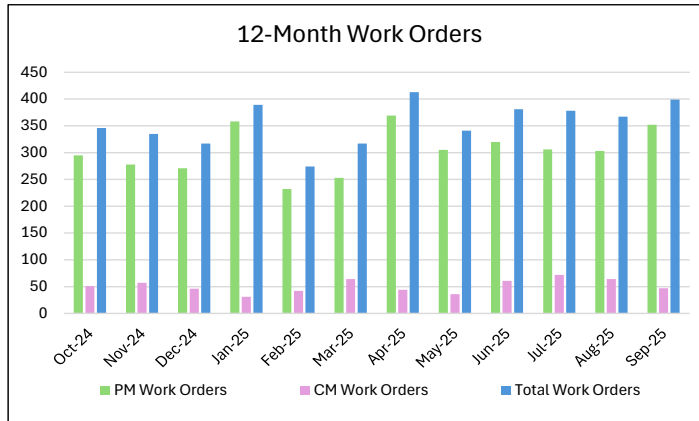
WWTF No. 3 Parameter	Permit	Sep-25
Avg. Daily Flow (MGD)	0.9	0.73
2-Hour Peak Flow (MGD)	3.6	9/1/25 1.398
Chlorine Minimum (mg/l)	1	1.20
Chlorine Maximum (mg/l)	4	3.84
E. Coli (colonies per 100 ml)	200	2.00

12-Month Flows at WWTF No. 3



INFRASTRUCTURE MAINTENANCE

SEPTEMBER 2025					
WORK ORDERS	# OF WORK ORDERS	HOURS SPENT	WORK ORDERS	# OF WORK ORDERS	HOURS SPENT
Preventive Maintenance (PM)	352	532.45	Corrective Maintenance (CM)	47	233.00
FYTD (SEPTEMBER 1, 2025 – SEPT 30, 2025)					
WORK ORDERS	# OF WORK ORDERS	HOURS SPENT	WORK ORDERS	# OF WORK ORDERS	HOURS SPENT
Preventive Maintenance (PM)	352	532.45	Corrective Maintenance (CM)	47	233.00



ASSET	LOCATION	PURPOSE	ISSUE	OUT OF SERVICE	IN SERVICE	SCHEDULE TO REPAIR
Aeration Basins 1 & 2	WWTF No. 1	Biological treatment of wastewater	Structural issues	03/01/2012	HOLD	To be demolished, awaiting Wastewater Master Plan
Wells 3, 7, 13, 15 and 30	Varies	Raw water for treatment	All Pump failures	#3 & 15 03/25 #13 06/24 #7 03/24 #30 01/24	Not Started	Scheduled Repair – FY26 & FY27
LS-24B Pump 3	Lift Station No.24	Convey wastewater to the treatment facility.	Seal Failure	8/25/2025	9/23/2025	Pump was reinstalled and placed back into service.
LS-29 Pump 1	Lift Station No.29	Convey wastewater to the treatment facility.	Pump Failure	9/8/2025		Pump to be replaced due to excessive cost of repairs. New pump is on order.
Storm Water Pump # 5 Failure	WWTF No.1	Pump effluent during storm events when creek is high	Bearings and shaft are worn out causing high vibration.	8/14/2025		Pump has been reconditioned, waiting for motor reconditioning to be completed. Expected mid-October.
Digester Blower 2	WWTF No. 1	Provides an aerobic condition necessary for processing sludge	Bearing issues	9/16/2025		Blower has been pulled and sent to vendor for reconditioning.
Process Water Pump 1	WWTF No.2	Pump effluent for process use.	Pump Failure	9/18/2025		Pump has been pulled and sent to vendor for reconditioning.
Digester Blower 3	WWTF No. 1	Provides an aerobic condition necessary for processing sludge	Mechanical Failure	7/24/2025	9/4/2025	Blower has been reinstalled and is back in service.
Mag Mixer	WWTF No.3	Keep the magnesium hydroxide (alkalinity) from solidifying.	Shaft was bent causing gearbox failure.	Utilized submersible pump to keep mag mixture from solidifying.	9/10/2025	Replaced gearbox and impeller shaft.

PROJECTS

South Shore Gravity Main Rehabilitation	Location			Design		
	MUD 6 The Trails north golf course, the Cove, across Woodlands Parkway to Lake Front Circle			Budget	Contract	Invoiced
				\$904,321	\$1,097,175	\$499,041
				Completion Date:		Dec-2025
	Funding Source(s)			Construction		
	R&R	Bonds		Budget	Contract	Invoiced
	Phase			\$7,954,000	\$0	\$0
	Final Design			Estimated Start Date		May-2026
Design is 90% complete. Coordination continues with the Golf Course to acquire temporary access/construction easements; and coordination will then start with other entities needed for temporary access/construction easements. Met with WWA staff on April 30, 2025, to discuss the details and schedule for this project.						

WWTF No. 2 Tertiary Filters	Location			Design		
	MUD 67 WWTF No. 2 (5402 Research Forest Dr.)			Budget	Contract	Invoiced
				\$376,118	\$388,327	\$368,296
				Completion Date:		Nov-2025
	Funding Source(s)			Construction		
	R&R	Bonds		Budget	Contract	Invoiced
	Phase			\$5,143,209	\$5,504,114	\$0
	Construction			Estimated Completion Date		Oct-2026
Notice-To-Proceed was issued on June 5, 2025, and the preconstruction meeting occurred on June 9, 2025. The contractor is continuing with the submittal process. Mobilization will not occur until January 2026 due to long lead time on replacement equipment.						

Owners Advisor (Evaluation of WWTF No. 1 and Cost Comparison Study)	Location			Design		
	MUD 6 WWTF No. 1 (2436 Sawdust Rd.)			Budget	Contract	Invoiced
				\$834,096	\$792,133	\$547,490
				Completion Date:		TBD-Project On Hold
	Funding Source(s)			Construction		
	R&R			Budget	Contract	Invoiced
	Phase			NA	NA	NA
	Study			Estimated Start Date		NA
A special WWA Trustees meeting was held on April 22, 2025. Following the discussion at that meeting, the decision was made to temporarily pause further effort pending discussion of the SFDUEs at the May MUD and June Trustees meetings. Carollo made a presentation to the WWA Community Working Group on July 1, 2025, about the condition of the existing facility. WWA SFDUE study is ongoing.						

Lift Station No. 1 Gravity Main Bypass & Decommissioning	Location			Design		
	MUD 6 Northwest corner of Grogan's Mill and Woodlands Parkway			Budget	Contract	Invoiced
				\$387,711	\$193,987	\$161,222
				Estimated Completion Date:		Oct-2025
	Funding Source(s)			Construction		
	R&R	Bonds		Budget	Contract	Invoiced
	Phase			\$4,000,000	\$0	\$0
	Final Design			Estimated Start Date		Mar-2026
TWDB approved the use of 2017 Wastewater Bond Funds for construction. The consultant is developing the first draft of 100% drawings and specifications. The environmental study required by TWDB is underway. SJRA and the consultant are working to get easements acquired prior to construction.						

Wastewater Conveyance Optimization	Location		Route Study			
	MUD 6 All SJRA sewer lines and lift stations (5) between Woodlands Pkwy/Grogan's Mill, WWTF No. 1, & Panther Branch		Budget	Contract	Invoiced	
			\$747,749	\$747,750	\$734,178	
			Estimated Completion Date:		Oct-2025	
			Design			
			Budget	Contract	Invoiced	
			\$946,000	\$0	\$0	
			Estimated Completion Date:		FY 2027	
	Funding Source(s)		Construction			
		Bonds		Budget	Contract	Invoiced
	Phase		\$0	\$0	\$0	
	Study		Estimated Start Date		FY 2027	
The route and feasibility study is approximately 99% complete. The consultant is working to complete the life-cycle costs and cost-benefit analyses and address SJRA comments. The final report, which includes the analyses, is anticipated to be complete in October 2025.						

Town Center Water Line Renewal	Location			Design		
	MUD 6 & Metro Grogan's Mill between Woodlands Pkwy & Research Forest / Six Pines between N. Millbend & Timberloch / Lake Woodlands Dr. between Hughes Landing Blvd & Pinecroft Dr / Lake Front Circle between Lake Woodlands Dr. and Aviator's Way.			Budget	Contract	Invoiced
				\$2,118,629	\$1,879,731	\$856,574
				Estimated Completion Date:		Feb-2027
	Funding Source(s)			Construction		
	R&R	Excess Funds	Bonds	Budget	Contract	Invoiced
	Phase			TBD	\$0	\$0
	Final Design			Estimated Start Date		Mar-2027
Working with Consultant on scope and fee for re-design of Grogan's Mill Road segment, adding Lake Front Circle between Lake Woodlands Drive and Aviator Way, and completing remaining other original scope. Approval to move forward with this effort (Work Order No. 3) was given at the WWA Trustees meeting on August 13, 2025, and was approved at the SJRA August 28, 2025, board meeting (Work Order No. 3). The kick-off meeting with the consultant occurred on September 22, 2025. The Town Center Water Line Easements project has been combined into this one, including the financial totals.						

Waterline Condition Based Assessment	Location			Design		
	All Montgomery County MUDs in The Woodlands			Budget	Contract	Invoiced
				\$1,500,000	\$1,400,177	\$1,139,866
				Completion Date:		Oct-2025
	Funding Source(s)			Construction		
	R&R	Excess Funds		Budget	Contract	Invoiced
	Phase			\$0	NA	NA
Study			Estimated Start Date		NA	
The consultant provided the draft condition assessment report in May 2025. An all-MUDs meeting was held on June 10, 2025, to review results and discuss draft report. On September 16, 2025, SJRA and HDR met with MUD Directors to discuss responses to questions. On September 23, 2025, HDR gave a presentation at the Community Working Group. SJRA will continue to coordinate with the MUDs on the path forward for water line replacement projects. Final report anticipated October 2025.						

Water Plant Nos. 1, 2, & 3 Generator Replacement	Location		Design		
	MUD 36 & 47 Water Plant 1 - 11439 Slash Pine Water Plant 2 - 6140 Shadow Bend Water Plant 3 - 6698 Alden Bridge		Budget	Contract	Invoiced
			\$138,519	\$165,199	\$160,793
			Completion Date:		Mar-2025
	Funding Source(s)		Construction		
	R&R		Budget	Contract	Invoiced
	Phase		\$2,994,316	\$3,185,050	\$1,816,057
	Construction		Estimated Completion Date		Oct-25
Work on-going at Water Plant No. 2 to complete electrical work and equipment installation in the new electrical building.					

Elevated Storage Tank No. 6	Location			Design		
	MUD 47 Southeast corner of Egypt Ln. and Research Forest Dr.			Budget	Contract	Invoiced
				\$991,687	\$1,108,978	\$428,169
				Estimated Completion Date:		Sep-2026
	Funding Source(s)			Construction		
	R&R			Budget	Contract	Invoiced
	Phase			\$7,291,000	\$13,750	\$13,750
	Final Design			Estimated Start Date		Oct-2026
Workshop to discuss tank appurtenances was held on August 25, 2025. The consultant is incorporating input from SJRA discussed during the workshop into the final design. Subconsultants have completed geotechnical investigations and utility field designation & probing.						

WWTF No. 2 Grit Classifier	Location			Design		
	MUD 67 WWTF No. 2 (5401 Research Forest)			Budget	Contract	Invoiced
				\$97,000	\$106,540	\$90,909
				Estimated Completion Date:		Sep-2025
	Funding Source(s)			Construction		
	R&R	Excess Funds		Budget	Contract	Invoiced
	Phase			\$1,088,000	\$0	\$0
	Final design			Estimated Start Date		Jan-2026
This project will be advertised on Friday, October 3, 2025. Contractor proposals will be due on November 5,2025. It is anticipated the construction contract will go to the SJRA December 2025 Board of Directors meeting for approval.						

Water Reclamation Facility No. 1 Land Acquisition	Location			Land Acquisition		
	MUD 6 Land around WWTF No. 1 (2436 Sawdust)			Budget	Contract	Invoiced
				\$5,030,000	\$1,216,528	\$259,339
				Estimated Completion Date:		Varies / On-hold
	Funding Source(s)			Construction		
	R&R			Budget	Contract	Invoiced
	Phase			NA	NA	NA
	Procurement			Estimated Start Date		NA
All land-acquisition activities currently on-hold pending direction on water reclamation facility.						

Water Well Nos. 3 and 13 Rehabilitation	Location			Design (In-House)		
	MUD 6 & 47 Well No. 3 – 36 Secluded Trail Well No. 13 - 6698 Alden Bridge Dr.			Budget	Contract	Invoiced
				\$0	\$0	\$0
				Estimated Completion Date:		Jul-2025
	Funding Source(s)			Construction		
	R&R			Budget	Contract	Invoiced
	Phase			\$1,125,000	\$0	\$0
	Design			Estimated Start Date		Dec-2025
90% submittal re-design to switch from Well 7 to Well 3 is complete and internal comments received to update for 100% submittal. Working with Golf Course on temporary construction easement.						

Woodlands Digital Water System	Location			Design		
	All Montgomery County MUDs in The Woodlands			Budget	Contract	Invoiced
				\$350,000	\$266,353	\$0
				Estimated Completion Date:		Feb-2026
	Funding Source(s)			Construction		
	R&R			Budget	Contract	Invoiced
	Phase			N/A	N/A	N/A
	Design			Estimated Start Date		N/A
Phase 3 will include a dashboard to interact with the Woodlands Division water model and allow for running of scenarios and predictive analysis, as well as a dashboard for running scenarios with the Woodlands Division financial model. Work is ongoing to link SCADA data to WaterSight software and perform testing of scenarios.						

Woodlands Division Disinfection Byproducts (DBPs) Study	Location			Design		
	All Montgomery County MUDs in The Woodlands			Budget	Contract	Invoiced
				\$75,000	\$73,365	\$0
				Estimated Completion Date:		Mar-2026
	Funding Source(s)			Construction		
	Cash			Budget	Contract	Invoiced
	Phase			N/A	N/A	N/A
	Design			Estimated Start Date		N/A
This project will provide an evaluation of DBP levels for several scenarios for the five water service areas with and without mitigation measures at the GSTs and ESTs. For each mitigation strategy, cost estimates will be produced to show a cost/benefit relationship between DBP reduction and capital investment. This work order was approved at the August 28, 2025, SJRA Board meeting and the kick-off meeting occurred on September 16, 2025.						

PUBLIC COMMUNICATIONS

- There were no tours conducted in the month of September.

WOODLANDS ACRONYMS AND DEFINITIONS

ACRONYMS

FY Fiscal Year
FYTD Fiscal Year To Date
MGD Million Gallons Per Day
SJRA San Jacinto River Authority
TCEQ Texas Commission on Environmental Quality

DEFINITIONS:

SJRA WO Division

Located in southern Montgomery County, the Woodlands Division provides wholesale water supply and wastewater treatment services to the 100,000-plus population of The Woodlands through the financing, construction, operation, and maintenance of three regional wastewater treatment plants, a wastewater conveyance system with 30 lift stations, 5 water plants, 37 water wells, 6 elevated and 9 ground storage tanks, and miles of wastewater collection and potable water distribution lines.

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. The GRP Division operates and maintains a 30 MGD surface water treatment facility and 55 miles of transmission water lines.

Surface Water

Surface water comes from rivers and lakes and receives a high degree of treatment and disinfection prior to being distributed to customers. The Woodlands Division receives water from the SJRA GRP Division that treats raw water from Lake Conroe.

Groundwater

The water that fills cracks, voids, and other openings in beds of rocks, sand, and soil is called groundwater. It is found in soils and sands that are able to retain the water - much like a sponge holds water - and is constantly replenished by rainfall or snow. The Woodlands Division has active groundwater wells in the Evangeline and Jasper aquifers.



WOODLANDS DIVISION
50 YEARS OF SERVICE