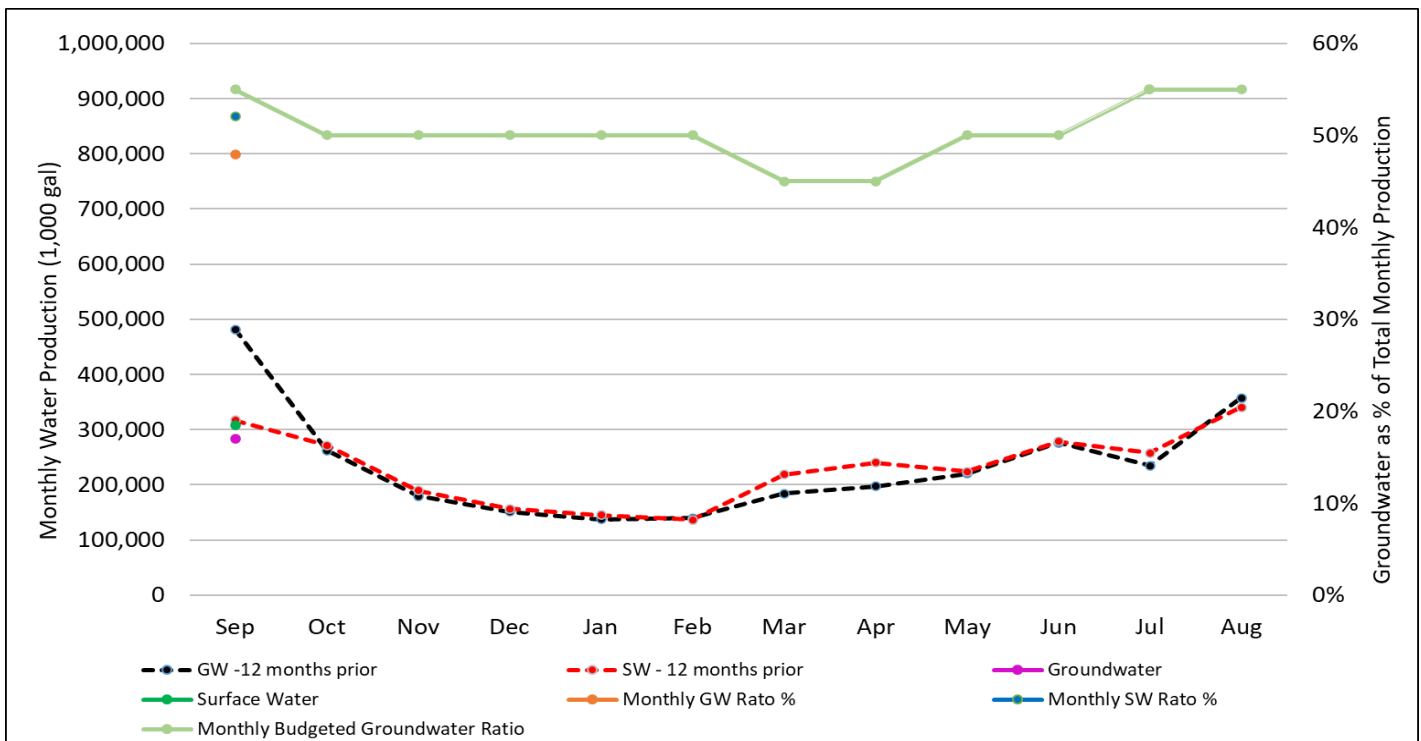
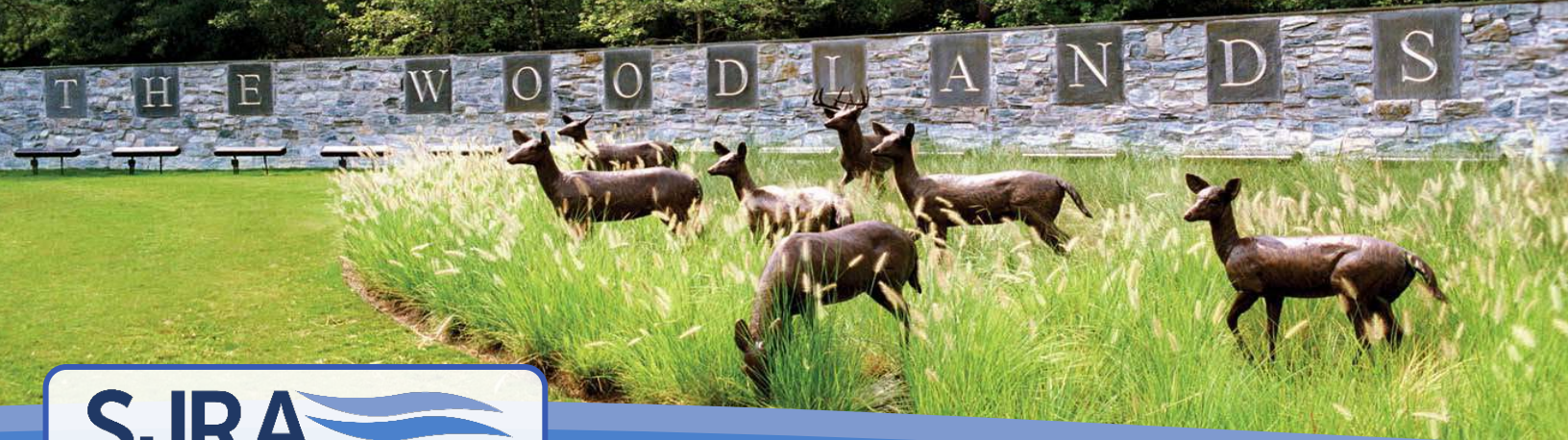


WOODLANDS MONTHLY OPERATIONS REPORT

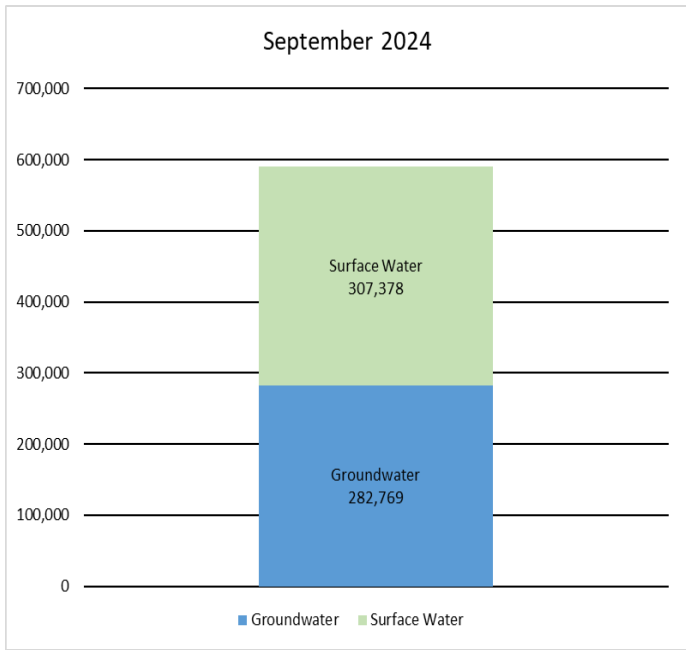
SEPTEMBER 2024



FY	Gallons (1,000)	
	Groundwater	Surface Water
2020	3,355,754	2,324,634
2021	2,810,265	2,438,112
2022	3,601,249	2,303,308
2023	3,181,716	2,875,982
2024	2,820,645	2,775,491
(FYTD) 2025	282,769	307,378

Blend %	
Groundwater	Surface Water
59%	41%
54%	46%
61%	39%
53%	47%
50%	50%
48%	52%

Budgeted %	
Groundwater	Surface Water
65%	35%
65%	35%
65%	35%
50%	50%
50%	50%
50%	50%



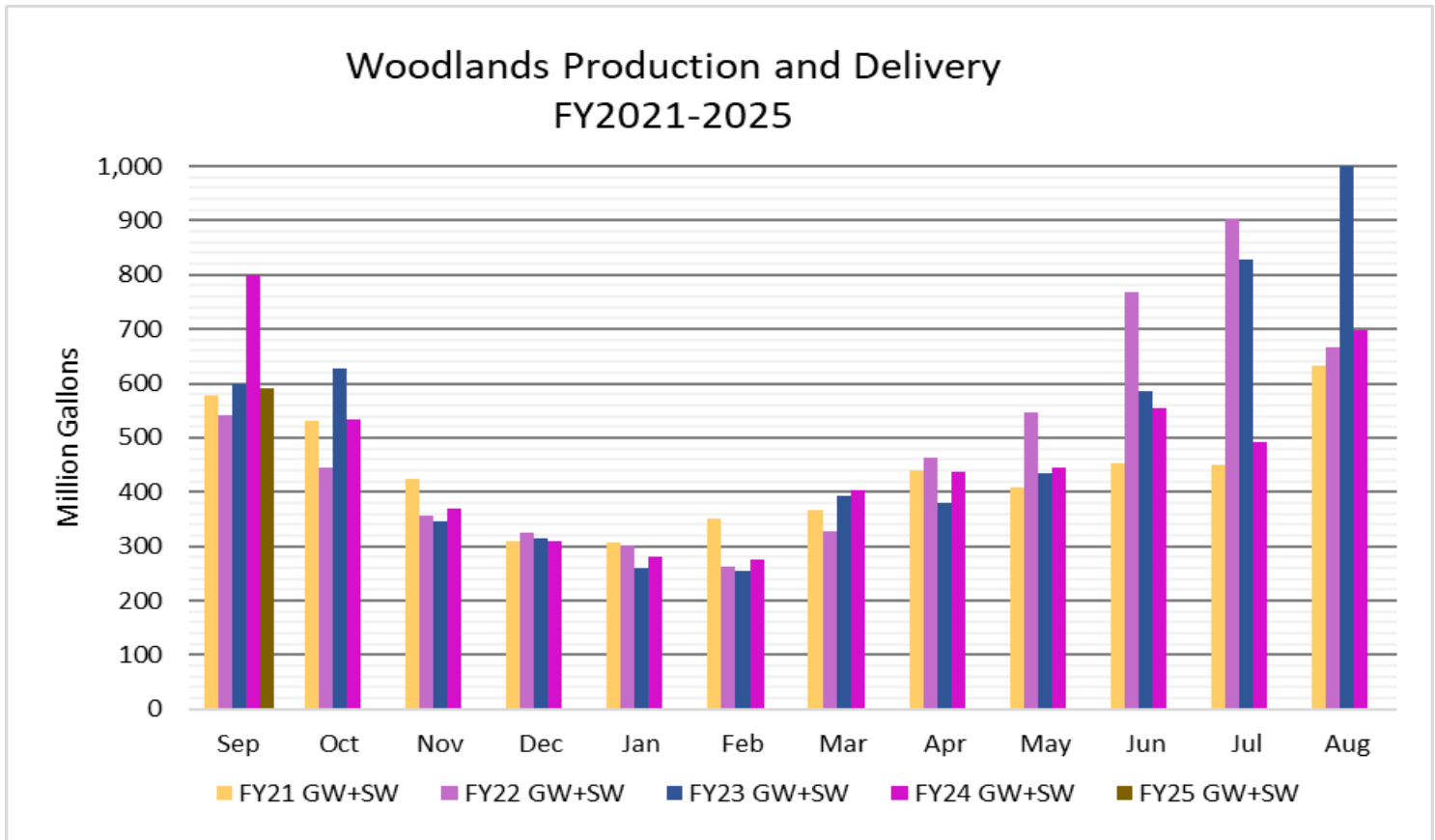
Surface Water 52% Groundwater 48%

Rolling 12 Month Water Loss September 2023 - August 2024	
Accounted for Loss	1.72%
Unaccounted for Loss	3.38%
Total Loss	5.10%

*Water loss budgeted at 4.0%

*Due to timing of monthly MUD billing the Water Loss report is a month behind.

Monthly Accounted for Water Loss (Gallons)				
Date	Fire Flow	Flush	Breaks	Cause
September 11, 2024			903,285	12" C900 Break. 6.0' crack along the bottom. Alden Bridge & Crown Ridge
September 19, 2024		16,842		Flush EST 3 (63.2)
September 19, 2024		18,890		Flush EST 5 (66.0)
September 27, 2024		1,628,000		Well 11 Flush total prior to return to service
September 28, 2024		40,000		Deadend Main Flush
September 30, 2024		159,600		Flush hydrant in preparation for sampling at 19 Thistlewood
September 30, 2024		30,196		Loss reported by WWA



2.0 WASTEWATER DATA

For the purpose of the Woodlands Monthly Operations Report, monthly wastewater data reported to TCEQ is reported in the following tables.

Parameter	WWTF No. 1		WWTF No. 2		WWTF No. 3	
	Permitted	Reported	Permitted	Reported	Permitted	Reported
Permitted Flow (MGD)	7.8	3.033	6.0	3.572	0.9	0.514
2-Hour Peak Flow (MGD)	18.0	4.83 9/02/2024 (0.78")	15.60	6.05 9/02/2024 (1.00")	3.6	*3.15 9/18/24 (0.00")
Chlorine (mg/l)	0.1	0.02	0.1	0.04	1.0 (min) 4.0 (max)	1.08 3.98
E. coli (colonies per 100 ml)	200	1.0	200	6.0	200	1.0

*Due to taking gravity collection system off bypass operations when new manhole at WWTF3 was complete.

3.0 INFRASTRUCTURE MAINTENANCE

Asset	Location	Purpose	Issue	Out of Service	In Service	Schedule to Repair
12" C900	Alden Bridge and Crown Ridge	Potable water transmission	Leak	09/11/2024	09/12/2024	PVC line, 6' crack along the bottom of the pipe. Line was excavated and new pipe sleeved into place.
Manhole 03.00.01.001 WWTF3	WWTF3	Convey wastewater	Manhole had sank causing lines to offset and extreme I&I	08/19/2024	09/26/2024	Existing manhole is being replaced. This will correct slope of existing sanitary lines and cease I&I.
Wells 5, 11, 22, 26, 32	Varies	Raw water for treatment	Down for rehab	Varies	Well 5 in service, Well 11 and 32 testing	Wells 5, 11, 32 – Spring 2024; Wells 22 & 26 – FY25; Wells 5, 11, & 32' have been installed.
WP-3 BP-4 Replacement	WP-3	Increase output capacity	Capacity	August		Waiting on new concrete pump base to be poured.
Aeration Basins 1 & 2	WWTF No. 1	Biological treatment of wastewater	Structural issues	03/01/2012		To be demolished, Awaiting WW Master Plan
LS-6 Electrical Rehabilitation	Lift Station 6	Upgrade obsolete electrical equipment and add a PLC for SCADA control	Replace and elevate new control panels to keep out of flood plain	Remaining in service	Electrical and SCADA panel install complete.	Obtaining quotes for new generator platform.

Wells 7, 13 and 30	Varies	Raw water for treatment	Pump failure	Varies		Scheduled Repair – FY25
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Work Orders	# of Work Orders	Hours Spent	Work Orders	# of Work Orders	Hours Spent
Preventive Maintenance (PM)	287	386.80	Corrective Maintenance (CM)	43	112.50

4.0 FINANCIAL

**San Jacinto River Authority – Woodlands Operating
Actual to Budget Comparison
For the Six Months Ending July 31, 2024**

	July		YTD			Annual Budget
	Actual	Budget	Actual	Budget	Variance	
OPERATING REVENUES	\$4,463,967	\$5,345,787	\$39,746,344	\$42,414,572	(\$2,668,228)	\$47,643,480
OTHER REVENUES	\$70,486	\$700	\$680,680	\$7,700	\$672,980	\$8,400
OPERATING EXPENSES						
Salaries, Wages, & Employee Benefits	\$575,767	\$641,260	\$6,707,155	\$7,400,245	\$693,090	\$8,460,304
Professional Fees	44,768	58,708	531,625	717,142	185,517	787,850
Purchased & Contracted Services	1,690,515	2,227,785	13,222,809	16,856,871	3,634,062	19,087,753
Supplies, Materials & Utilities	393,659	641,467	4,488,474	6,609,655	2,121,181	7,271,121
Rentals	401	1,442	6,031	15,858	9,827	17,300
Maintenance, Repairs & Parts	660,854	189,840	2,041,846	2,441,948	400,103	2,631,787
General & Administrative Expenses	59,118	71,729	746,999	823,654	76,655	927,262
TOTAL OPERATING EXPENSES	\$3,425,082	\$3,832,230	\$27,744,938	\$34,865,374	\$7,198,924	\$39,183,378
NON-OPERATING EXPENSES	\$37,675	\$37,675	\$414,906	\$414,906	-	\$452,580
TOTAL EXPENSES	\$3,462,757	\$3,869,905	\$28,159,844	\$35,280,280	\$7,198,924	\$39,635,958
NET REVENUES OVER EXPENSES	\$1,071,695	\$1,476,582	\$12,267,180	\$7,141,992	(\$9,194,172)	\$8,015,922
CAPITAL IMPROVEMENTS	-	\$21,956	\$487,682	\$426,004	(\$61,678)	\$447,960
OTHER SOURCES (USES)						
Cash Sources (Uses)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,847,341
Lease Principal	(705)	(705)	(7,657)	(7,657)	-	(8,364)
Bond Principal	(136,667)	(136,667)	(1,504,166)	(1,504,166)	-	(1,649,167)
Emergency Reserve Transfers	-	-	(439,273)	(439,273)	-	(439,273)
Repair and Replacement Transfers	(575,000)	(575,000)	(9,762,900)	(9,743,500)	19,400	(10,318,500)
Transfers	-	-	(750)	-	750	-
TOTAL OTHER SOURCES (USES)	(\$712,372)	(\$712,372)	(\$11,714,746)	(\$11,694,596)	\$9,060,538	(\$7,567,962)
NET CASH BASIS SOURCES (USES)	\$359,324	\$742,255	\$64,752	(\$4,978,608)	\$5,043,360	-

5.0 PROJECTS AND FUNDING

Project	MUD	Funding	Phase	Budget(s)	Contract Amount(s)	*Invoiced to Date	Contract Complete	Status	
South Shore Gravity Main Rehab	1 6 7	2017 Bonds R&R	Design	Design				Nov-24	Design is 90% complete. As design progresses, addressing coordination with other entities that will need to occur during construction.
				Bonds \$2,025,600	Bonds \$0	Bonds \$0			
				R&R \$322,134	R&R \$1,097,175	R&R \$491,374			
				Construction					
				Bonds \$10,486,750	Bonds \$0	Bonds \$0	TBD		
WWTF No. 2 Tertiary Filters	7 67	R&R	Design	Design				Oct-24	Design Consultant completed design updates. SJRA addressing comments from TWDB. Project advertisement pending TWDB approval of project and procurement language. Construction is anticipated to begin by end of calendar year.
				\$917,000	\$376,118	\$347,362			
				Construction					
				\$5,734,000	\$0	\$0	TBD		
Lift Station Rehab	All	R&R	Design / Construction	Design				Aug-24	Currently working on installation of generators and new control
				\$54,000	\$32,318	\$32,318			

Project	MUD	Funding	Phase	Budget(s)	Contract Amount(s)	*Invoiced to Date	Contract Complete	Status
				Construction				panels at LS 6, LS 9, and LS 11. Any remaining project budget will carry over into FY 2025 in order to complete work.
				\$792,000	\$570,418	\$565,423	Jan-25	
Owner Advisor for new WWTF No. 1	All	R&R/ Bond	OA Services	Owner's Advisor Services				Work Order No. 2 is for WWTF No. 1 renewal/replace ment evaluation. Consultant performed comprehensive site analysis on October 1, 2024.
				\$500,000	\$499,584	\$0	Jun-25	
WWTF No. 2 Headworks Rehab	7 67	R&R	Construction	Design				Substantial completion was granted on July 1, 2024, and final completion granted on July 23, 2024. Final project closeout almost complete. Waiting on final invoicing.
				\$244,000	\$375,982	\$299,157	Mar-23	
				Construction				
				\$1,456,000	\$1,785,000	\$1,619,504	Aug-24	

Project	MUD	Funding	Phase	Budget(s)	Contract Amount(s)	*Invoiced to Date	Contract Complete	Status
Lift Station No. 1 Gravity Main Bypass and Decommissioning	6	R&R	Design	Design				The design is approximately 75% complete and is scheduled to be completed by February 2025. Working to get easements acquired.
				\$168,150	\$168,874	\$137,605	Feb-25	
				Construction				
				\$1,252,000	\$0	\$0	TBD	
Wastewater Conveyance Optimization	6	2017 Bonds R&R	Study	Design				The study is approximately 95% complete. SJRA is coordinating with consultant on final recommendations.
				Bonds \$689,000	Bonds \$747,749	Bonds \$570,625	Oct-24	
				R&R \$41,000	R&R \$0	R&R \$0		
				Construction				
				\$0	\$0	\$0	TBD	
WWTF No. 2 Field Services Storage Building	6	Cash R&R	Construction	Design				Building work is almost complete with some site work remaining. Substantial and final completion granted in September 2024. Working to close out project and get final invoicing.
				Cash \$19,980	Cash \$19,980	Cash \$19,980	Nov-23	
				R&R \$21,020	R&R \$13,446	R&R \$13,446		
				Construction				
				Cash \$10,685	Cash \$5,897	Cash \$5,897	Oct-24	
				R&R \$459,000	R&R \$483,963	R&R \$288,892		

Project	MUD	Funding	Phase	Budget(s)	Contract Amount(s)	*Invoiced to Date	Contract Complete	Status	
Digital Water System	All	R&R	Design	Design				Phase 3 TBD	Scope, level of effort, and schedule being developed for Phase 3.
				\$250,000	\$0	\$0			
Town Center Water Line Renewal	Metro 6 36 60 67	R&R	Design (On Hold)	Design				Design is 97% complete. Design completion on hold pending results of AC Water Line Condition Based Assessment project.	
				\$754,000	\$802,866	\$647,650	Feb-24 (on-hold)		
				Land Acquisition					
				\$1,533,500	\$243,417	\$208,924	Aug-25 (on-hold)		
				Construction					
				\$0	\$0	\$0	TBD		
AC Water Lines Condition Based Assessment	All	R&R	Study	Study				Jun-25	Consultant implementing Phase 1 condition-based assessment technologies including destructive and non-destructive testing. Field analysis underway.
				\$1,600,000	\$1,041,579	\$198,612			

Project	MUD	Funding	Phase	Budget(s)	Contract Amount(s)	*Invoiced to Date	Contract Complete	Status
Harper's Landing Water Line Loop Install	39	R&R	Construction	Design				Final completion was granted on July 19, 2024. All invoices have been paid and project has been closed out.
				\$125,000	\$59,439	\$59,439	Sep-23	
				Construction				
				\$478,000	\$244,585	\$240,873	May-24	
Water Plant Nos. 1, 2 & 3 Generators	36 47	R&R	Construction	Design				Notice to Proceed was scheduled to be granted on September 3, 2024. Contractor will mobilize late-October 2024. Generators to be installed are onsite.
				\$201,000	\$165,199	\$162,293	Mar-24	
				Construction (includes Equipment Purchase)				
				\$2,994,316	\$3,169,604	\$829,731	Oct-25	
Water Well Nos. 5, 11 & 32 Rehabilitation	47 60 67	R&R	Construction	Design				Construction in progress. In-well work complete at all three wells. Water Well No. 5 was placed into service on August 20, 2024. Equipment installed at Water Well Nos. 11 and 32 and working to place into service. Construction is behind schedule.
				\$119,000	\$0	\$0	Mar-23	
				Construction				
				\$1,313,000	\$946,984	\$641,397	May-24	

Project	MUD	Funding	Phase	Budget(s)	Contract Amount(s)	*Invoiced to Date	Contract Complete	Status
Elevated Storage Tank No. 6	47	R&R	Design	Design				Design is approximately 50% complete. The site layout has been finalized. Updated hydraulic model received late-August 2024.
				\$570,000	\$612,047	\$183,077	Aug-25	
				Construction				
				\$0	\$13,750	\$13,750	TBD	
Water Well Nos. 22, 26 and 33 Rehabilitation and Water Well No. 2 Abandonment	36 39 46 67	R&R	Procurement	Design				Notice to Proceed given on May 13, 2024. Well equipment is being manufactured for Well Nos. 22 and 26. Abandonment of Water Well No. 2 is underway.
				\$114,000	\$0	\$0	Feb-24	
				Construction				
				\$1,250,000	\$1,332,196	\$14,535	May-25	
WWTF No. 2 Grit Classifier Replacement	7 67	R & R	Design	Design				Work Order for final design was approved at SJRA July 2024 board. Held kick-off meeting with consultant on September 17, 2024.
				\$97,000	\$106,540	\$0	Jun-25	

Project	MUD	Funding	Phase	Budget(s)	Contract Amount(s)	*Invoiced to Date	Contract Complete	Status
				Construction				
				\$1,088,000	\$0	\$0	TBD	
				Land Acquisition				
WRF No. 1 Land Acquisition	6	R & R	Land Acquisition	\$10,000,000	\$1,226,278	\$118,697	N/A	Land acquisition activities underway for the new Water Reclamation Facility. Environmental site assessments underway for all properties.

Note: The project financial data is updated through September 30, 2024.

Design includes all cost to prepare for construction, including:

- Planning & permitting
- Engineering & design
- Land acquisition

Green – New projects
Yellow – Closed projects

Construction includes cost related to construction, including:

- Construction
- Construction phase services (CPS)
- Construction management & inspection (CM&I)
- Construction material testing (CMT)
- Equipment Purchase/Procurement

WOODLANDS ACRONYMS AND DEFINITIONS

ACRONYMS

FY	Fiscal Year
FYTD	Fiscal Year To Date
KPI	Key Performance Indicator
LSGCD	Lone Star Groundwater Conservation District
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 thirty plus lift stations, five water plants, thirty eight water wells, six elevated and eight 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.

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.

Wastewater Treatment Plant (WWTF) No. 1

WWTF No. 1 is located north of Sawdust Road, has a design capacity of 7.8 million gallons per day (MGD), and is permitted for a 2-hour peak flow of 18.0 MGD. The WWTF receives raw sewage (influent) from residential dwellings and commercial businesses.

Wastewater Treatment Plant (WWTF) No. 2

WWTF No. 2 is located on Research Forest, has a design capacity of 6.0 MGD, and is permitted for a 2-hour peak flow of 15.6 MGD. The WWTF receives raw sewage (influent) from residential dwellings and commercial businesses.

Wastewater Treatment Plant (WWTF) No. 3

WWTF No. 3 is located in Harpers Landing and has a permitted flow of 0.900 MGD. The WWTF receives influent from residential dwellings and a few commercial businesses.

Please visit our website at www.sjra.net/woodlands.