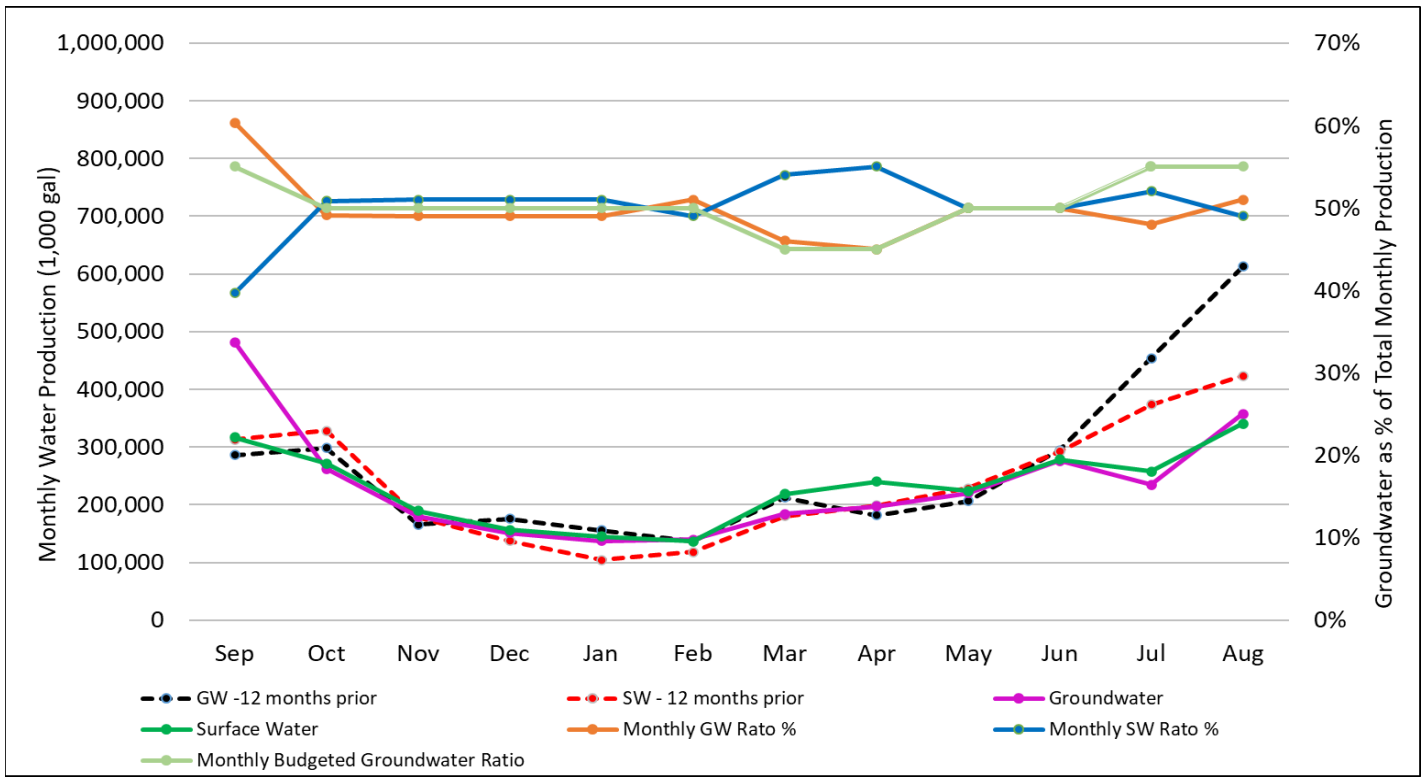
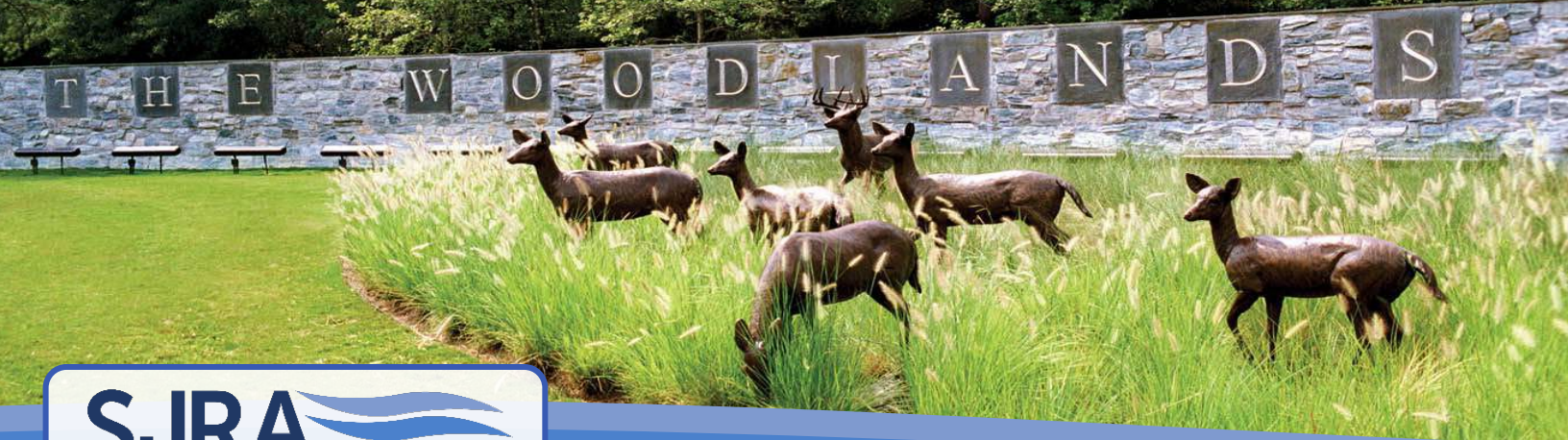


WOODLANDS MONTHLY OPERATIONS REPORT

AUGUST 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
(FYTD) 2024	2,820,645	2,775,491

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

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

Rolling 12 Month Water Loss

August 2023 - July 2024

Accounted for Loss	1.62%
Unaccounted for Loss	3.48%
Total Loss	5.10%

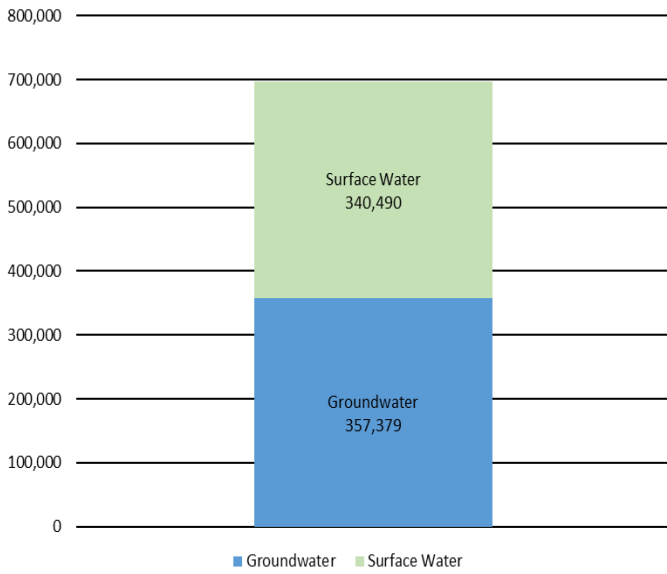
*Water loss budgeted at 5.5%

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

Monthly Accounted for Water Loss (Gallons)

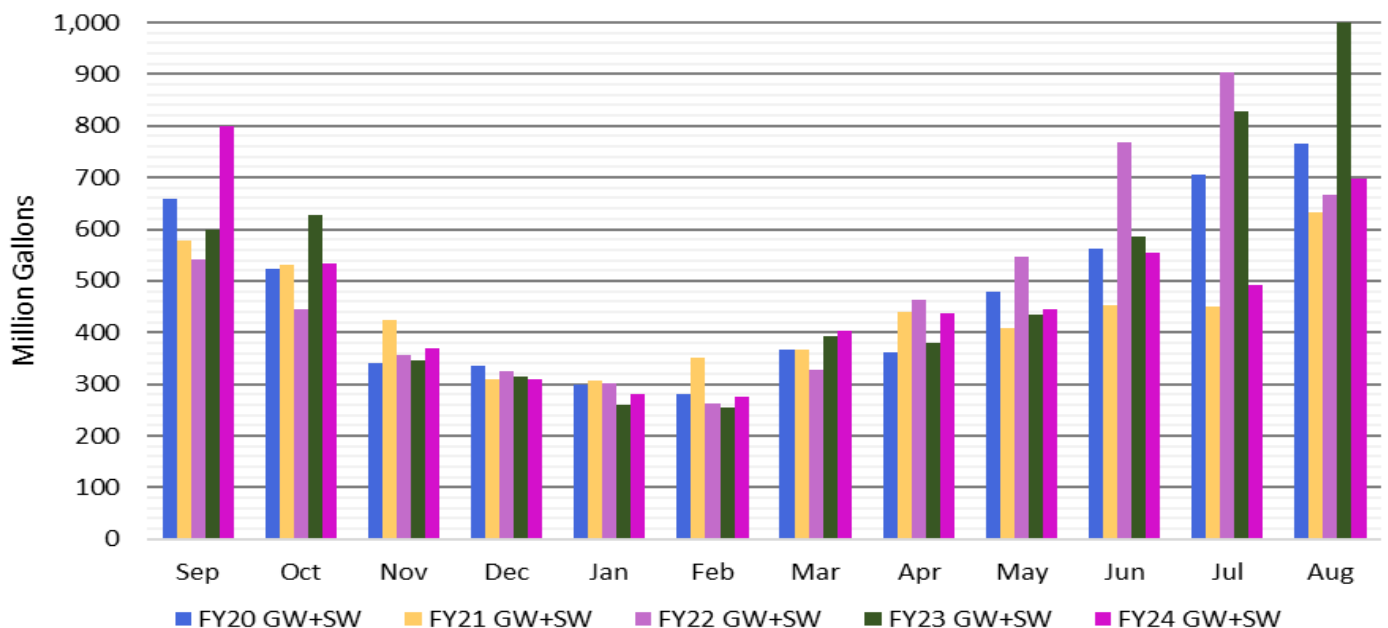
Date	Fire Flow	Flush	Breaks	Cause
August 3, 2024			432,000	16" AC water leak at S. Millbend and Grogan's Mill. A repair clamp from a previous repair was found to be leaking. Water loss includes flushing after repair.
August 8, 2024		1,674,000		Well 5 flushing after rehabilitation for bacteria sampling.
August 10, 2024		252,503		Removal of pig launcher Trade Center Parkway and Donwick Dr., flushing of line.
August 26, 2024		159,600		Flush hydrant in preparation for sampling at 19 Thistlewood
August 30, 2024		37,000		Deadend Main Flush

August 2024



Surface Water 49% Groundwater 51%

Woodlands Production and Delivery FY2020-2024



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	3.191	6.0	3.72	0.9	0.535
2-Hour Peak Flow (MGD)	18.0	5.43 8/29/2024 (0.62")	15.60	*8.36 8/27/2024 (0.00")	3.6	*2.07 8/26/24 (0.00")
Chlorine (mg/l)	0.1	0.03	0.1	0.04	1.0 (min) 4.0 (max)	1.40 3.30
E. coli (colonies per 100 ml)	200	3.0	200	3.0	200	1.0

*2-Hour peak flow elevated due to rehabilitation efforts and bypass pumping at WWTF Nos. 2 & 3.

3.0 INFRASTRUCTURE MAINTENANCE

Asset	Location	Purpose	Issue	Out of Service	In Service	Schedule to Repair
16" AC Waterline	S. Millbend and Grogans Mill	Potable water transmission	Leak	08/03/2024	08/03/2024	Line was excavated and leak repaired
12" PIG launcher located on AC waterline	Trade Center and Donwick Dr	To clean potable waterlines	Dilapidated equipment	08/10/2024	08/10/2024	Coordinated with WWA and Haliburton for line isolation. PIG launcher was removed, and line sleeved in place. AC pipe section was saved for assessment.
Manhole 03.00.01.001 WWTF3	WWTF3	Convey wastewater	Manhole had sank causing lines to offset and extreme I&I	08/19/2024	TBD	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 completed, Placed back in service 08/08/2024	Wells 5, 11, 32 – Spring 2024; Wells 22 & 26 – FY25; Well 11 being reinstalled starting 8/27/2024
WP-3 BP-4 Replacement	WP-3	Increase output capacity	Capacity	August		Remove existing booster pump and have pump base modified for new pump install.

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		Switch over completed. Will be starting new platform after old service rack removed.
Wells 7, 13 and 30	Varies	Raw water for treatment	Pump failure	Varies		Scheduled Repair – FY25

Work Orders	# of Work Orders	Hours Spent	Work Orders	# of Work Orders	Hours Spent
Preventive Maintenance (PM)	287	360.10	Corrective Maintenance (CM)	57	192.75

4.0 FINANCIAL

**San Jacinto River Authority - Woodlands Division
Actual to Budget Comparison
For the Nine Months Ending May 31, 2024**

	May Actual	Budget	YTD Actual	Budget	Variance	Annual Budget
OPERATING REVENUES	\$ 4,075,406	\$ 4,016,003	\$ 30,938,389	\$ 32,436,259	\$ (1,497,870)	\$ 47,643,480
OTHER REVENUES	\$ 55,822	\$ 700	\$ 557,798	\$ 6,300	\$ 551,498	\$ 8,400
OPERATING EXPENSES						
Salaries, Wages, & Employee Benefits	\$ 602,375	\$ 649,593	\$ 5,544,324	\$ 6,192,725	\$ 648,401	\$ 8,560,304
Professional Fees	66,278	50,375	415,591	508,725	93,134	687,850
Purchased & Contracted Services	1,498,165	1,578,690	9,935,493	12,628,535	2,693,041	19,087,753
Supplies, Materials & Utilities	450,534	571,467	3,649,872	5,396,721	1,746,849	7,271,121
Rentals	924	1,442	5,102	12,975	7,873	17,300
Maintenance, Repairs & Parts	171,295	307,744	1,279,843	1,944,365	664,522	2,631,787
General & Administrative Expenses	67,849	71,729	618,268	680,196	61,929	927,262
TOTAL OPERATING EXPENSES	\$ 2,857,419	\$ 3,231,039	\$ 21,448,493	\$ 27,364,243	\$ 5,915,749	\$ 39,183,378
NON-OPERATING EXPENSES	\$ 37,679	\$ 37,679	\$ 339,554	\$ 339,554	\$ -	\$ 452,580
TOTAL EXPENSES	\$ 2,895,098	\$ 3,268,718	\$ 21,788,047	\$ 27,703,797	\$ 5,915,749	\$ 39,635,958
NET REVENUES OVER EXPENSES	\$ 1,236,131	\$ 747,985	\$ 9,708,140	\$ 4,738,763	\$ 4,969,377	\$ 8,015,922
CAPITAL IMPROVEMENTS	\$ 1,393	\$ 21,956	\$ 334,361	\$ 382,092	\$ 47,732	\$ 447,960
OTHER SOURCES (USES)						
Cash Sources (Uses)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,847,341
Lease Principal	(701)	(701)	(6,249)	(6,249)	-	(8,364)
Bond Principal	(136,667)	(136,667)	(1,230,833)	(1,230,833)	-	(1,649,167)
Emergency Reserve Transfers	-	-	(439,273)	(439,273)	-	(439,273)
Repair and Replacement Transfers	(550,000)	(550,000)	(8,612,900)	(8,593,500)	19,400	(10,318,500)
Transfers	-	-	(750)	-	750	-
TOTAL OTHER SOURCES (USES)	\$ (687,368)	\$ (687,368)	\$(10,290,005)	\$(10,269,855)	\$ 20,150	\$ (7,567,962)
NET CASH BASIS SOURCES (USES)	\$ 547,370	\$ 38,661	\$ (916,225)	\$ (5,913,184)	\$ 4,996,959	\$ -

San Jacinto River Authority - Woodlands Division
Actual to Budget Comparison
For the Ten Months Ending June 30, 2024

	June Actual	Budget	YTD Actual	Budget	Variance	Annual Budget
OPERATING REVENUES	\$ 4,343,988	\$ 4,632,525	\$ 35,282,377	\$ 37,068,784	\$ (1,786,407)	\$ 47,643,480
OTHER REVENUES	\$ 52,396	\$ 700	\$ 610,194	\$ 7,000	\$ 603,194	\$ 8,400
OPERATING EXPENSES						
Salaries, Wages, & Employee Benefits	\$ 621,447	\$ 649,593	\$ 6,165,771	\$ 6,842,318	\$ 676,547	\$ 8,560,304
Professional Fees	36,882	66,375	452,474	575,100	122,626	687,850
Purchased & Contracted Services	1,596,801	2,000,552	11,532,294	14,629,087	3,096,793	19,087,753
Supplies, Materials & Utilities	444,944	571,467	4,094,816	5,968,188	1,873,372	7,271,121
Rentals	529	1,442	5,630	14,417	8,786	17,300
Maintenance, Repairs & Parts	101,149	307,744	1,380,991	2,252,109	871,117	2,631,787
General & Administrative Expenses	69,612	71,729	687,880	751,925	64,045	927,262
TOTAL OPERATING EXPENSES	\$ 2,871,363	\$ 3,668,901	\$ 24,319,857	\$ 31,033,144	\$ 6,713,287	\$ 39,183,378
NON-OPERATING EXPENSES	\$ 37,677	\$ 37,677	\$ 377,231	\$ 377,231	\$ -	\$ 452,580
TOTAL EXPENSES	\$ 2,909,040	\$ 3,706,578	\$ 24,697,088	\$ 31,410,375	\$ 6,713,287	\$ 39,635,958
NET REVENUES OVER EXPENSES	\$ 1,487,344	\$ 926,647	\$ 11,195,484	\$ 5,665,409	\$ (7,896,499)	\$ 8,015,922
CAPITAL IMPROVEMENTS	\$ 15,560	\$ 21,956	\$ 487,682	\$ 404,048	\$ (83,634)	\$ 447,960
OTHER SOURCES (USES)						
Cash Sources (Uses)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,847,341
Lease Principal	(703)	(703)	(6,952)	(6,952)	-	(8,364)
Bond Principal	(136,667)	(136,667)	(1,367,500)	(1,367,500)	-	(1,649,167)
Emergency Reserve Transfers	-	-	(439,273)	(439,273)	-	(439,273)
Repair and Replacement Transfers	(575,000)	(575,000)	(9,187,900)	(9,168,500)	19,400	(10,318,500)
Transfers	-	-	(750)	-	750	-
TOTAL OTHER SOURCES (USES)	\$ (712,370)	\$ (712,370)	\$(11,002,375)	\$(10,982,225)	\$ 8,441,501	\$ (7,567,962)
NET CASH BASIS SOURCES (USES)	\$ 759,414	\$ 192,321	\$ (294,573)	\$ (5,720,864)	\$ 5,426,291	\$ -

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 85% complete. As design progresses, addressing coordination with other entities that will need to occur during construction. Construction estimated to begin February 2025.
				Bonds \$2,025,600	Bonds \$0	Bonds \$0			
				R&R \$322,134	R&R \$1,097,175	R&R \$343,879			
				Construction				TBD	
				Bonds \$10,486,750	Bonds \$0	Bonds \$0			
WWTF No. 2 Tertiary Filters	7 67	R&R	Design	Design				Oct-24	Design Consultant completed design updates. SJRA sent the updated procurement package to TWDB for approval late-August 2024. Project advertisement pending TWDB approval of project and procurement language Construction is anticipated to begin by end of calendar year.
				\$917,000	\$376,118	\$342,851			
				Construction				TBD	
				\$5,734,000	\$0	\$0			
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	\$559,103	Aug-24	
WWTF No. 1 Master Plan	All	2017 Bonds	Study	Study				The final report was received on January 15, 2024, and transmitted to the MUD Directors. Ability to progress to Phase 3 for design contingent on MUD approval. All invoices have been paid.
				\$500,000	\$500,000	\$493,003	Jan-24	
Owner Advisor for new WWTF No. 1	All	R&R/ Bond	OA Services	Owner's Advisor Services				Work Order No. 2 for WWTF No. 1 renewal/replace ment evaluation was approved at August 2024 SJRA Board Meeting. Anticipated kick-off early September 2024.
				\$550,000	\$559,096	\$24,864	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 underway.
				\$244,000	\$375,982	\$275,392	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 70% complete and is scheduled to be completed by February 2025.	
				\$168,150	\$168,874	\$115,789	Feb-25		
				Construction					Metes and bounds for proposed easements have been completed.
				\$1,252,000	\$0	\$0	TBD		
Wastewater Conveyance Optimization	6	2017 Bonds R&R	Study	Design				The study is approximately 90% complete. Three short-listed route alternatives were evaluated, with final recommendation being presented in early-September 2024.	
				Bonds \$689,000	Bonds \$747,749	Bonds \$524,889	Sept-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. Anticipate substantial completion in September 2024.	
				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 \$181,211			

Project	MUD	Funding	Phase	Budget(s)	Contract Amount(s)	*Invoiced to Date	Contract Complete	Status
Digital Water System	All	R&R	Design	Design				Scope, level of effort, and schedule being developed for Phase 3.
				\$250,000	\$248,600	\$248,581	Aug-24	
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				Consultant implementing Phase 1 condition-based assessment technologies including destructive and non-destructive testing.
				\$1,600,000	\$0	\$61,876	Jun-25	
Harper's Landing Water Line Loop Install	39	R&R	Construction	Design				Final completion was granted on July 19, 2024. Working on project closeout.
				\$125,000	\$59,439	\$59,439	Sep-23	
				Construction				
\$478,000	\$244,585	\$240,873	May-24					

Project	MUD	Funding	Phase	Budget(s)	Contract Amount(s)	*Invoiced to Date	Contract Complete	Status
Water Plant Nos. 1, 2 & 3 Generators	36 47	R&R	Procurement	Design				Notice to Proceed is scheduled to be granted on September 3, 2024. Generators to be installed are onsite.
				\$201,000	\$165,199	\$162,293	Mar-24	
				Construction (includes Equipment Purchase)				
				\$2,209,000	\$821,443	\$539,042	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. Contractor installing new equipment at Water Well No. 11.
				\$119,000	\$0	\$0	Mar-23	
				Construction				
				\$1,313,000	\$946,984	\$413,857	May-24	
Elevated Storage Tank No. 6	47	R&R	Design	Design				Design is approximately 45% 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	

Project	MUD	Funding	Phase	Budget(s)	Contract Amount(s)	*Invoiced to Date	Contract Complete	Status
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.
				\$114,000	\$0	\$0	Feb-24	
				Construction				
				\$1,250,000	\$1,332,196	\$0	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. PO issued on August 26, 2024. Working to schedule kick-off meeting.
				\$97,000	\$106,540	\$0	Jun-25	
				Construction				
				\$1,088,000	\$0	\$0	TBD	
WRF No. 1 Land Acquisition	6	R & R	Land Acquisition	Land Acquisition				Land acquisition activities underway for the new Water Reclamation Facility. Environmental site assessments underway for all properties.
				\$10,000,000	\$1,226,278	\$70,015	N/A	

***Note: The project financial data is updated through July 31, 2024.**

Design includes all cost to prepare for construction, including:

- Planning & permitting
- Engineering & design
- Land acquisition

Construction includes cost related to construction, including:

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

Green – New projects

Yellow – Closed projects

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.