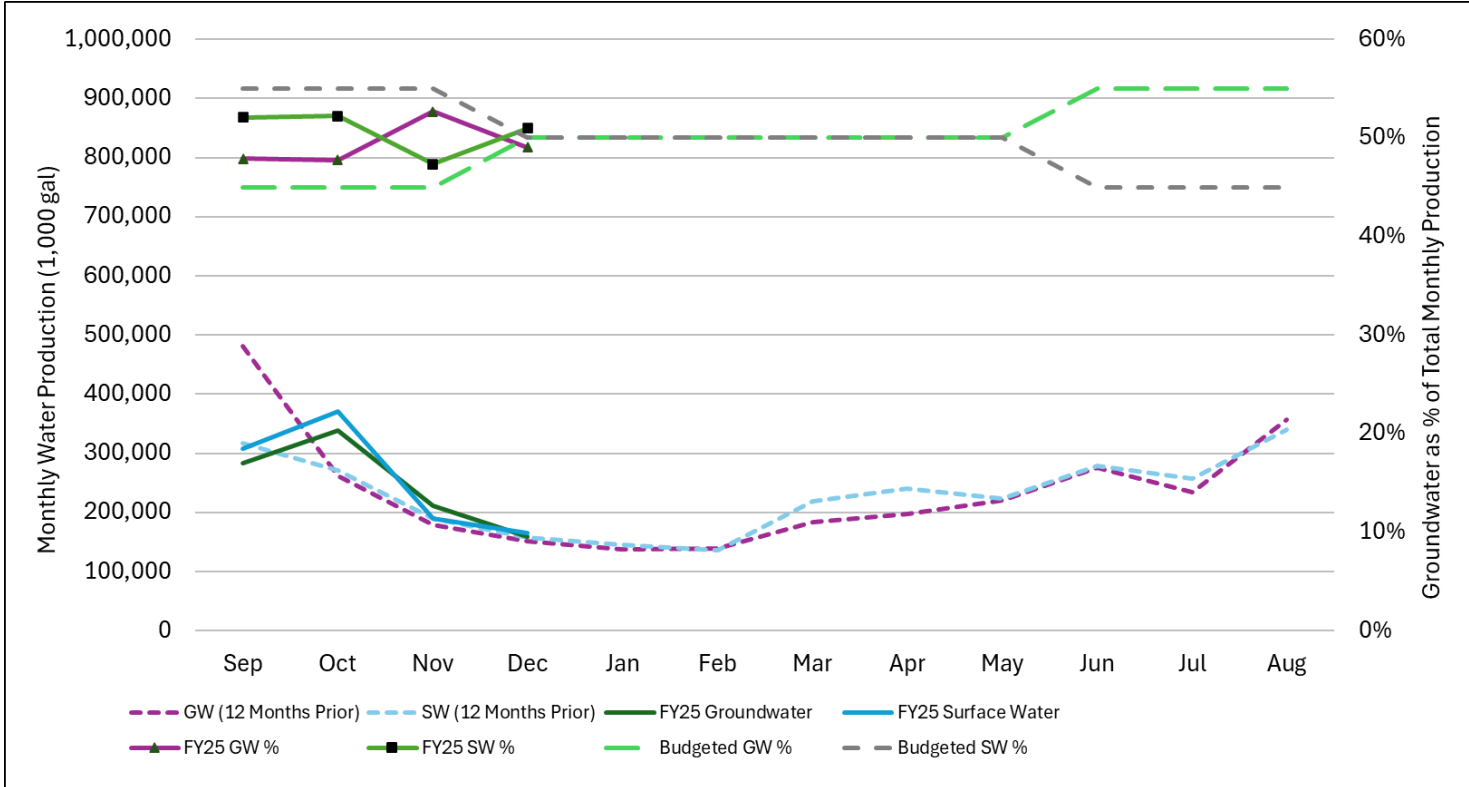
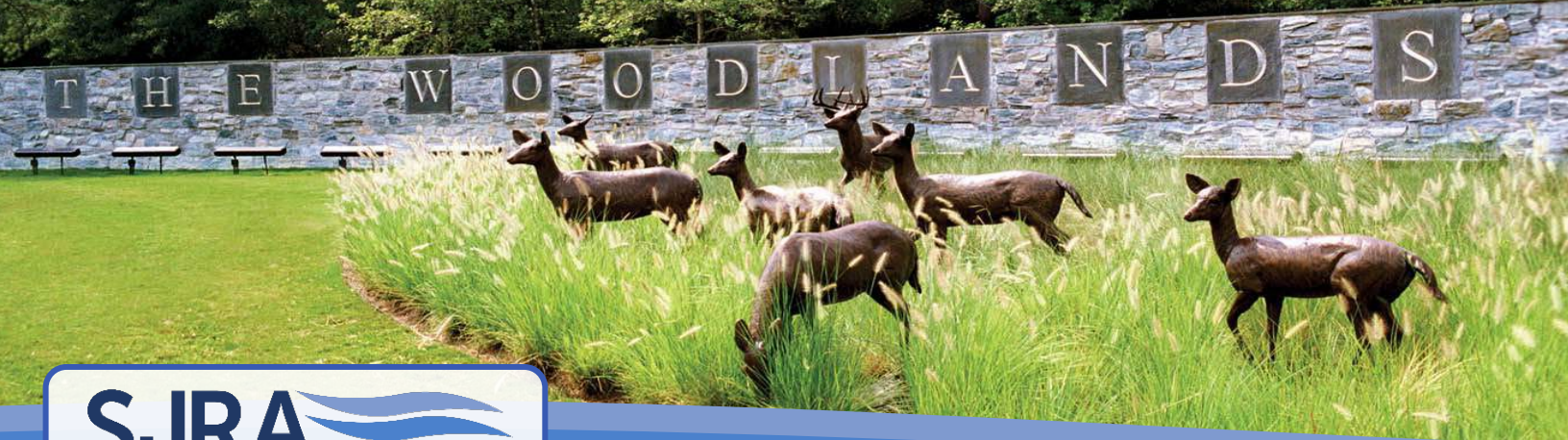
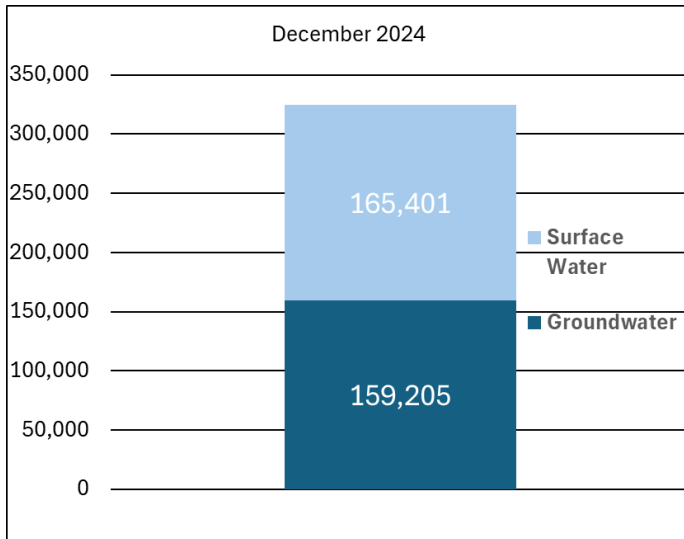


WOODLANDS MONTHLY OPERATIONS REPORT

DECEMBER 2024



FY	Gallons (1,000)		Blend %		Budgeted %	
	Groundwater	Surface Water	Groundwater	Surface Water	Groundwater	Surface Water
2020	3,355,754	2,324,634	59%	41%	65%	35%
2021	2,810,265	2,438,112	54%	46%	65%	35%
2022	3,601,249	2,303,308	61%	39%	65%	35%
2023	3,181,716	2,875,982	53%	47%	50%	50%
2024	2,820,645	2,775,491	50%	50%	50%	50%
(FYTD) 2025	992,318	1,033,280	49%	51%	50%	50%



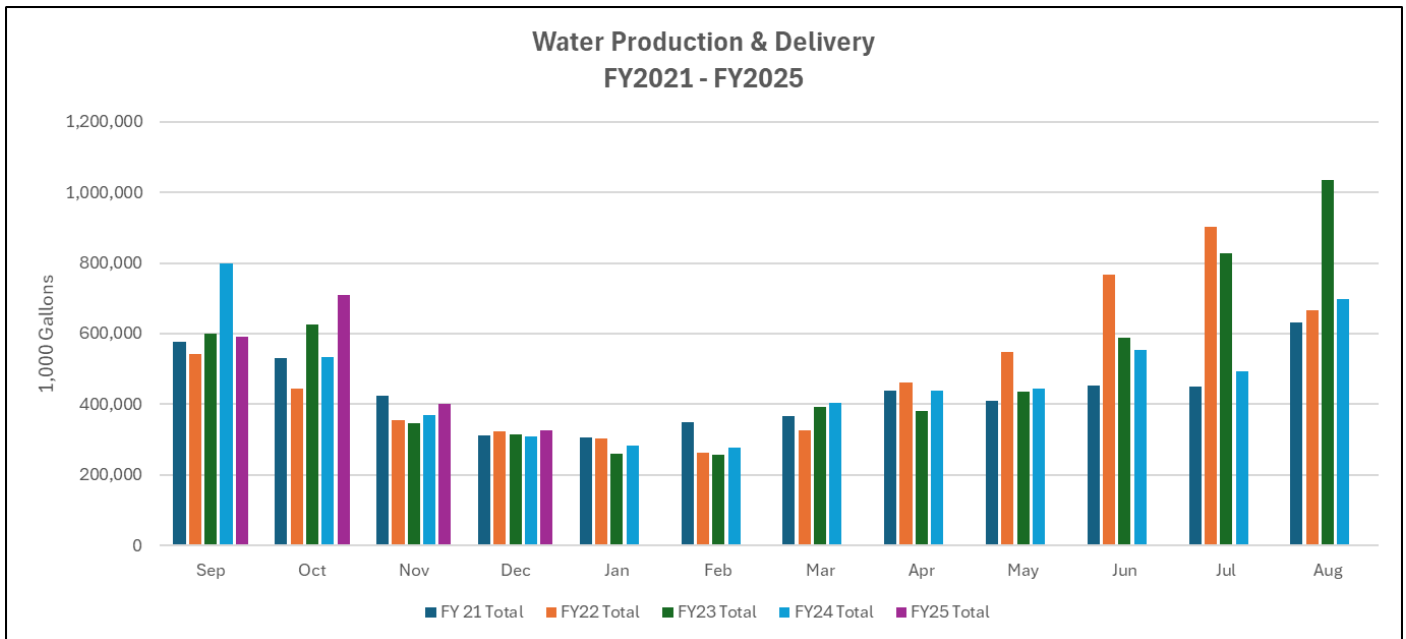
Surface Water 51% Groundwater 49%

Water Loss*		
	Rolling 12	FYTD 2025**
Accounted Loss	1.0%	0.3%
Unaccounted Loss	4.0%	2.5%
Total Loss	5.0%	2.8%

*Due to timing of monthly MUD billing, water loss report is one month behind.

**Water loss budgeted at 4.0% for FY2025

Monthly Accounted for Water Loss (Gallons)				
Date	Fire Flow	Flush	Breaks	Cause
December 2024		56,000		Dead-end main flushing



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	2.851	6.0	3.517	0.9	0.483
2-Hour Peak Flow (MGD)	18.0	8.967 1.63" 12.26.24	15.60	6.770 1.00" 12.24.24	3.6	1.800 0.49" 12.05.24
Chlorine (mg/l)	0.1	0.03	0.1	0.04	1.0 (min) 4.0 (max)	1.09 3.79
E. coli (colonies per 100 ml)	200	1.0	200	1.8	200	1.0

INFRASTRUCTURE MAINTENANCE

Asset	Location	Purpose	Issue	Out of Service	In Service	Schedule to Repair
Water Plant 3 Booster Pump 4 Replacement	WP-3	Increase output capacity	Capacity	August	Scheduling	Pump Installed, waiting for feeder wires to be pulled in. Startup scheduled for early January with pump manufacturer.
Aeration Basins 1 & 2	WWTF No. 1	Biological treatment of wastewater	Structural issues	03/01/2012	HOLD	To be demolished, Awaiting WW Master Plan
Lift Station 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.	The generator was set and working on installing wiring. CenterPoint is working on gas line installation.
WWTF 1 Lift Pump #5	WWTF1	Convey wastewater to the process train	Motor failure	10/30/24	TBD	Repairs underway at Hahn Equipment, scheduled to be completed by mid-January.
WWTF 2 Lift Pump #3	WWTF2	Convey wastewater to the process train	Motor failure	10/15/24	TBD	Repairs underway at Hahn Equipment.

Asset	Location	Purpose	Issue	Out of Service	In Service	Schedule to Repair
WWTF 3 Lift Pump #2	WWTF3	Convey wastewater to the process train	Pump and motor failure	10/20/24	In service	Pump will remain in service until new impeller and wear plate are received.
Wells 7, 13 and 30	Varies	Raw water for treatment	Pump failure	Varies	Not Started	Scheduled Repair – FY25
WWTF 3 Auto Bar Screen	WWTF3	Preliminary Wastewater Treatment	Catastrophic Failure of Drive Components	11/14/2024	TBD	Parts ordered, will take 4-6 weeks for all parts to ship and 3-5 days to install.

December 2024					
Work Orders	# of Work Orders	Hours Spent	Work Orders	# of Work Orders	Hours Spent
Preventive Maintenance (PM)	271	496.45	Corrective Maintenance (CM)	46	199.30
FYTD (September 1 – December 31)					
Work Orders	# of Work Orders	Hours Spent	Work Orders	# of Work Orders	Hours Spent
Preventive Maintenance (PM)	1131	1784.40	Corrective Maintenance (CM)	204	843.30

FINANCIALS

San Jacinto River Authority – Woodlands Operating Actual to Budget Comparison For the Two Months Ending October 31, 2024

	October		YTD			Annual
	Actual	Budget	Actual	Budget	Variance	Budget
OPERATING REVENUES	\$5,510,811	\$4,754,314	\$10,122,381	\$9,383,206	\$739,176	\$46,547,231
OTHER REVENUES	\$62,679	\$200	\$133,922	\$400	\$133,522	\$2,400
OPERATING EXPENSES						
Salaries, Wages, & Employee Benefits	\$650,407	\$722,285	\$1,245,838	\$1,444,475	\$198,637	\$9,407,234
Professional Fees	27,493	81,827	69,421	163,654	94,234	981,925
Purchased & Contracted Services	4,131,379	1,936,205	4,164,531	3,848,513	(316,018)	17,687,963
Supplies, Materials & Utilities	696,614	570,649	1,024,362	1,191,299	166,936	6,457,792
Rentals	-	1,000	682	2,000	1,318	12,000
Maintenance, Repairs & Parts	125,147	200,441	282,975	400,881	117,906	2,405,288
General & Administrative Expenses	63,034	71,474	119,484	142,912	23,428	931,778
TOTAL OPERATING EXPENSES	\$5,694,075	\$3,583,881	\$6,907,292	\$7,193,734	\$286,442	\$37,883,981
NON-OPERATING EXPENSES	\$37,670	\$37,670	\$74,723	\$74,723	-	\$445,132
TOTAL EXPENSES	\$5,731,745	\$3,621,551	\$6,982,015	\$7,268,457	\$286,442	\$38,329,114
NET REVENUES OVER EXPENSES	(\$158,255)	\$1,132,964	\$3,274,288	\$2,115,148	\$ 1,159,140	\$8,220,517
CAPITAL IMPROVEMENTS	\$77,595	\$23,466	\$89,678	\$302,958	\$213,280	\$537,621
OTHER SOURCES (USES)						
Cash Sources (Uses)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond Principal	(137,882)	(137,882)	(275,764)	(275,764)	-	(1,654,583)
Lease Principal	(734)	(734)	(1,467)	(1,467)	-	(8,912)
Repair and Replacement Transfers	(475,000)	(475,000)	(975,000)	(975,000)	-	(6,019,400)
TOTAL OTHER SOURCES (USES)	(\$613,616)	(\$613,616)	(\$1,252,231)	(\$1,252,231)	\$ -	(\$7,682,896)
NET CASH BASIS SOURCES (USES)	(\$849,466)	\$495,881	\$1,932,380	\$559,960	\$1,372,420	-

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
				\$989,170	\$1,097,175	\$499,041
				Completion Date:		February -25
	Funding Source(s)			Construction		
	R&R	Bonds		Budget	Contract	Invoiced
	Phase			\$11,275,000	\$-	\$-
Final Design			Estimated Start Date		May-25	
<p>Design is 90% complete. Coordination underway with Golf Course and Montgomery County continuing to review the draft drawings. Temporary access/construction easement acquisition underway.</p>						

WWTF No. 2 Tertiary Filters	Location			Design		
	MUD 67 WWTF No. 2 (5402 Research Forest Dr.)			Budget	Contract	Invoiced
				\$455,118	\$376,118	\$350,539
				Estimated Completion Date:		November-24
	Funding Source(s)			Construction		
	R&R	Bonds		Budget	Contract	Invoiced
	Phase			\$5,657,000	\$-	\$-
Final Design			Estimated Start Date		March-25	
<p>TWDB approved advertisement of project for construction. The project advertised on December 6, 2024. The proposals from contractors are due on January 17, 2025.</p>						

Owners Advisor (Evaluation of WWTF No. 1 and Cost Comparison Study)	Location			Design		
	MUD 6 WWTF No. 1 (2436 Sawdust Rd.)			Budget	Contract	Invoiced
				\$634,096	\$510,444	\$74,822
				Completion Date:		May-25
	Funding Source(s)			Construction		
	R&R			Budget	Contract	Invoiced
	Phase			NA	NA	NA
Study			Estimated Start Date		NA	
<p>Work Order #2 capped at \$500,000. Evaluation on-going; final report anticipated to be received by SJRA in April 2025. Decision matrix responses anticipated to be received by end of January 2025. Preliminary condition assessment data to be presented to WWA Trustees on January 8, 2025. Additional concrete condition assessment will be discussed at the January 8, 2025 Trustee meeting.</p>						

Lift Station Rehabilitation	Location			Design		
	All MUDs All lift stations within SJRA- Woodlands			Budget	Contract	Invoiced
				\$54,000	\$32,318	\$32,318
				Completion Date:		August-24
	Funding Source(s)			Construction		
	R&R			Budget	Contract	Invoiced
	Phase			\$792,000	\$641,744	\$565,423
Construction			Estimated Completion Date		August-25	

The new control panel has been installed at Lift Station No. 6. Generators have been placed at Lift Station Nos. 6, 9 and 11 and are in the process of being connected to the electrical system. CenterPoint has been contacted for gas installation at all three locations.

Lift Station No. 1 Gravity Main Bypass & Decommissioning	Location			Design		
	MUD 6 Northwest corner of Grogan's Mill and Woodlands Parkway			Budget	Contract	Invoiced
				\$228,150	\$172,452	\$128,302
				Estimated Completion Date:		April-25
	Funding Source(s)			Construction		
	R&R			Budget	Contract	Invoiced
	Phase			\$1,252,000	\$-	\$-
Final Design			Estimated Start Date		September-25	

The design is approximately 70% complete and is scheduled to be completed by April 2025. Due to complicated construction techniques, additional design is underway and under review, which will extend the design schedule by two months. SJRA and Consultant 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
				\$730,000	\$747,749	\$663,103
				Estimated Completion Date:		March-25
				Design		
				Budget	Contract	Invoiced
				\$2,718,000	\$-	\$-
				Estimated Completion Date:		FY 2027
	Funding Source(s)			Construction		
		Bonds		Budget	Contract	Invoiced
Phase			\$40,376,000	\$-	\$-	
Study			Estimated Start Date		FY 2027	

The route and feasibility study is approximately 97% complete. Consultant working to address comments on draft report and recommendations and complete the route study. Consultant is working on developing additional life-cycle costs and cost-benefit analyses, which extends the schedule by four months.

Town Center Water Line Renewal	Location			Design		
	MUD 6 & Metro Grogan's Mill between Woodlands Pkwy and Research Forest / Six Pines between N. Millbend and Timberloch / Lake Woodlands Dr. between Hughes Landing Blvd and Pinecroft Dr.			Budget	Contract	Invoiced
				\$774,000	\$802,866	\$647,650
				Completion Date:		On-Hold
	Funding Source(s)			Construction		
	R&R	Bonds		Budget	Contract	Invoiced
	Phase			TBD	\$-	\$-
Final Design			Estimated Start Date		TBD	
Design is 97% complete. Design completion on hold pending results of AC Water Line Condition Based Assessment project.						

AC Waterline Condition Based Assessment	Location			Design		
	MUDs 1, 6, 7, 36, 46, 60, 67, Metro Throughout the eastern Woodlands			Budget	Contract	Invoiced
				\$1,100,000	\$1,041,579	\$387,315
				Completion Date:		June-25
	Funding Source(s)			Construction		
	R&R	Excess Funds		Budget	Contract	Invoiced
	Phase			\$500,000	NA	NA
Study			Estimated Start Date		NA	
Phase 1 condition assessment was complete by end of December 2024 which included destructive testing and non-destructive technology screening. Phase 2 is underway which will focus on more destructive testing in Q1 2025. Final condition assessment report anticipated in June 2025. Construction as noted above is designated as excavation and testing.						

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	\$157,921
				Completion Date:		March-24
	Funding Source(s)			Construction		
	R&R			Budget	Contract	Invoiced
	Phase			\$2,994,316	\$3,169,604	\$935,500
Construction			Estimated Completion Date		October-25	
Generators have been delivered and Contractor has mobilized to Water Plant Nos. 1, 2 and 3. Site work for foundations and duct banks underway at all three locations.						

Water Well Nos. 22, 26, & 33 Rehabilitation & Well No. 2 Abandonment	Location			Design		
	MUD 39 & 46			Budget	Contract	Invoiced
	Well No. 22 - 4111 Marisco Rd. Well No. 26 - 8581 Woodlands Pkwy Well No. 33 - 550 N. Trade Center			\$114,000	\$-	\$-
				Completion Date:		February-24
	Funding Source(s)			Construction		
	R&R			Budget	Contract	Invoiced
	Phase			\$1,250,000	\$1,355,253	\$23,057
Construction			Estimated Completion Date		May-25	
Well equipment installed at Well Nos. 22 and 26 and working to get motor installed. Cleaning work to start soon on Well No. 33, with pump equipment delivery anticipated mid to late-January. Abandonment of Water Well No. 2 is completed.						

Elevated Storage Tank No. 6	Location			Design		
	MUD 47			Budget	Contract	Invoiced
	Southeast corner of Egypt Ln. and Research Forest Dr.			\$988,000	\$612,047	\$256,025
				Estimated Completion Date:		October-25
	Funding Source(s)			Construction		
	R&R			Budget	Contract	Invoiced
	Phase			\$1,178,000	\$13,750	\$13,750
Preliminary Design			Estimated Start Date		TBD	
Preliminary design is approximately 90% complete. The site layout and tank volume analysis has been finalized and the tank mixing system analysis being finalized. The design schedule has been extended by two months due to additional modeling effort required.						

WWTF No. 2 Grit Classifier	Location			Design		
	MUD 67			Budget	Contract	Invoiced
	WWTF No. 2 (5401 Research Forest)			\$97,000	\$106,540	\$48,138
				Estimated Completion Date:		June-25
	Funding Source(s)			Construction		
	R&R	Excess Funds		Budget	Contract	Invoiced
	Phase			\$1,088,000	\$-	\$-
Final design			Estimated Start Date		TBD	
60% design underway. 60% design submittal due on January 14, 2025.						

Water Reclamation Facility No. 1 Land Acquisition	Location			Land Acquisition		
	MUD 6 Land surrounding WWTF No. 1 (2436 Sawdust)			Budget	Contract	Invoiced
				\$10,000,000	\$1,226,278	\$196,907
				Estimated Completion Date:		Varies / On-hold
	Funding Source(s)			Construction		
	R&R			Budget	Contract	Invoiced
	Phase			NA	NA	NA
Procurement			Estimated Start Date		NA	
Voluntary land acquisition underway for two parcels; all others on-hold pending completion of Owner's Advisor study. Initial site assessments complete.						

Town Center Waterline Easements	Location			Design		
	MUD 6 & Metro Grogan's Mill between Woodlands Pkwy and Research Forest / Six Pines			Budget	Contract	Invoiced
				\$1,533,500	\$243,779	\$208,924
				Estimated Completion Date:		On-Hold
	Funding Source(s)			Construction		
	R&R	Excess Funds		Budget	Contract	Invoiced
	Phase			NA	NA	NA
Procurement			Estimated Start Date		NA	
Land acquisition activities are on-hold pending outcome of AC Waterline Condition Based Assessment.						

Green - New Projects

Yellow - Closed Projects

PUBLIC COMMUNICATIONS

- Members of SJRA’s Communications Team visited our community partners, wishing them a Merry Christmas and thanking them for their partnership
- December 17th SJRA’s General Manager Aubrey Spear and Woodlands Water Agency’s General Manager Erich Peterson were presenters at the Woodlands Area Chamber of Commerce Business Advocacy Council meeting



WOODLANDS ACRONYMS AND DEFINITIONS

ACRONYMS

FY	Fiscal Year
FYTD	Fiscal Year To Date
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 30 lift stations, 5 water plants, 28 eight 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.
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 Facility (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 Facility (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 Facility (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.