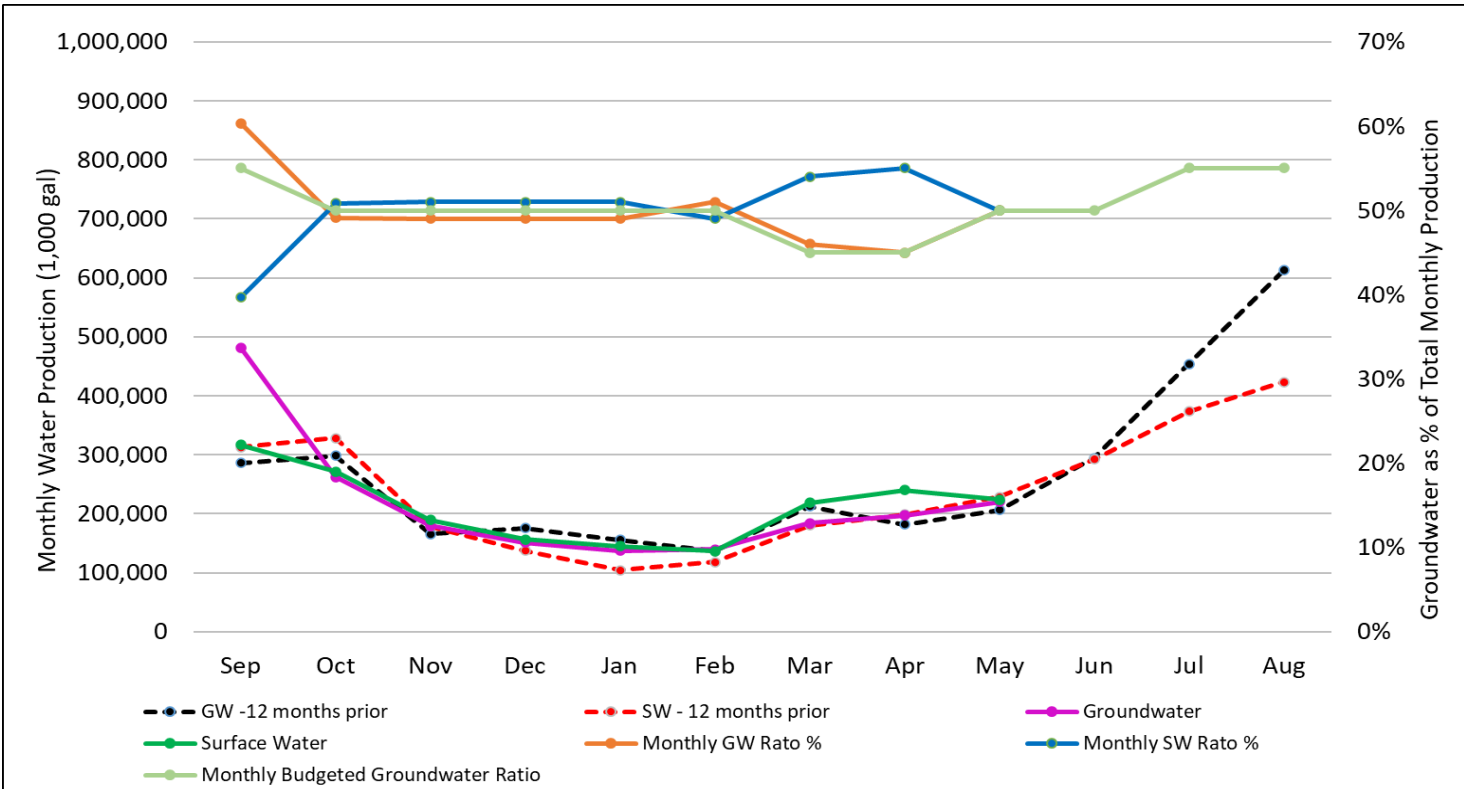
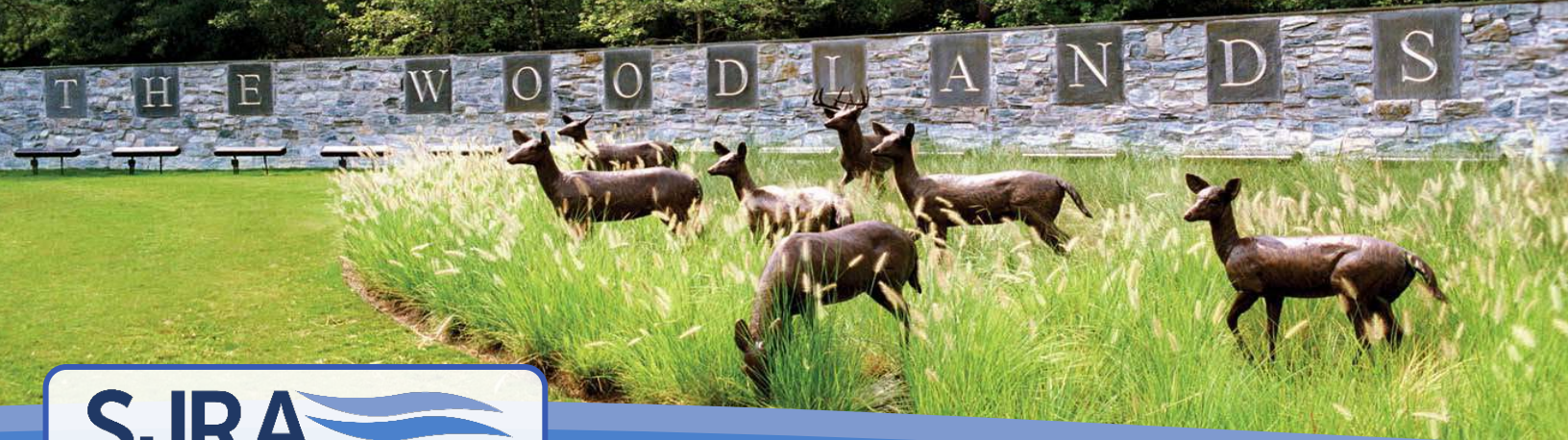


WOODLANDS MONTHLY OPERATIONS REPORT

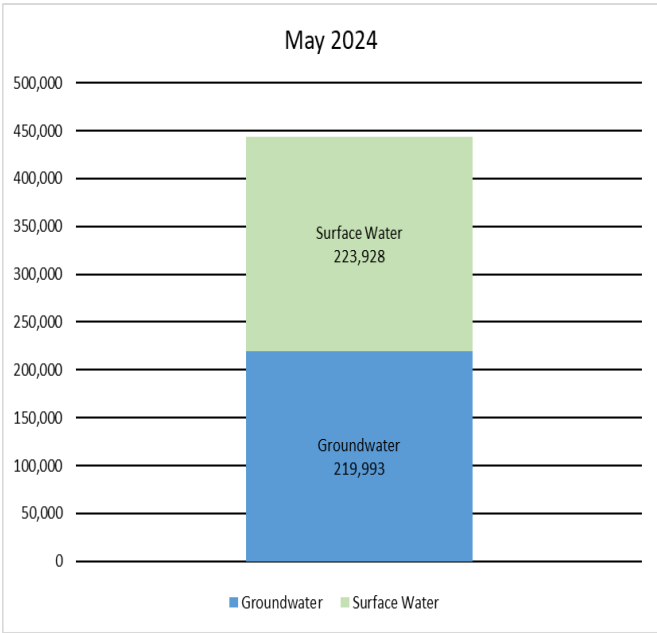
MAY 2024



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	1,952,280	1,898,371

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%



Surface Water 50% Groundwater 50%

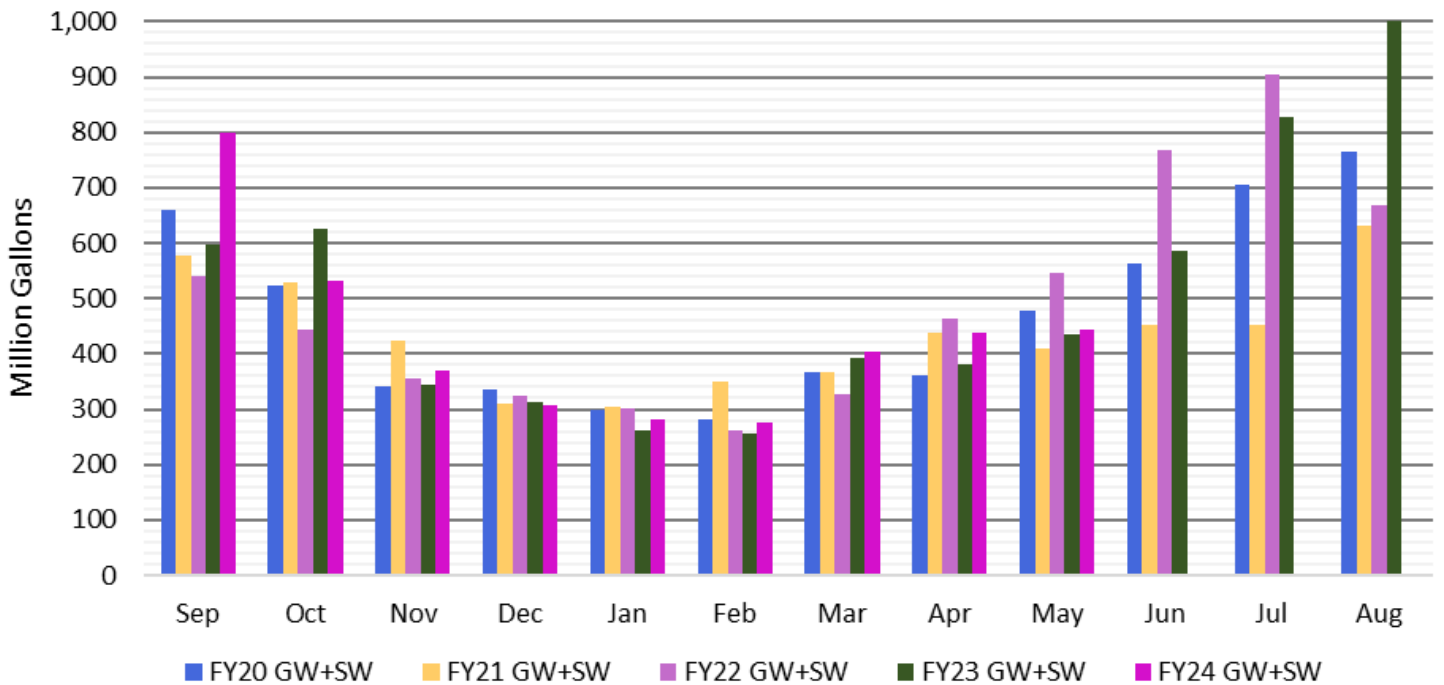
Rolling 12 Month Water Loss May 2023 - April 2024	
Accounted for Loss	1.30%
Unaccounted for Loss	3.20%
Total Loss	4.50%

*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
May 7, 2024		15,750,000		WP 2, 3 and 4 service area flush
May 26, 2024		79,548		Trade Center Bypass Flushing and Sampling
May 31, 2024		37,500		Deadend Main Flush by Field Services
May 31, 2024		748,000		Wells 17 & 18 monthly flush

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	3.614	6.0	4.155	0.9	0.566
2-Hour Peak Flow (MGD)	18.0	25.82 5/3/2024 (11.34")	15.60	10.99 5/02/2024 (4.86")	3.6	2.05 5/2/24 (5.45")
Chlorine (mg/l)	0.1	0.03	0.1	0.04	1.0 (min) 4.0 (max)	1.00 3.86
E. coli (colonies per 100 ml)	200	1.0	200	11.0	200	1.0

3.0 INFRASTRUCTURE MAINTENANCE

Asset	Location	Purpose	Issue	Out of Service	In Service	Schedule to Repair
Water Well Collection Line 17&18	Woodlands Parkway & Six Pines	Carry raw water from well to water plant	Leak in roadway	03/2023		County approved June 3 repair date. Repairs to take 4-5 days.
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		Panels installed. Starting to pull in and land wires in panels.
Wells 5, 11, 22, 26, 32	Varies	Raw water for treatment	Down for rehab	Varies		Wells 5, 11, 32 – Spring 2024; Wells 22 & 26 – FY25

Work Orders	# of Work Orders	Hours Spent	Work Orders	# of Work Orders	Hours Spent
Preventive Maintenance (PM)	209	217	Corrective Maintenance (CM)	45	211.50

4.0 FINANCIAL

San Jacinto River Authority – Woodlands Operating Actual to Budget Comparison For the Eight Months Ending April 30, 2024

Water Rate: \$2.78
GRP Blended Rate: \$3.20
Wastewater Rate: \$5.65

	April		YTD			Annual Budget
	Actual	Budget	Actual	Budget	Variance	
OPERATING REVENUES	\$ 653,865	\$ 3,632,434	\$ 26,862,983	\$ 28,420,257	\$ (1,557,274)	\$ 47,643,480
OTHER REVENUES	\$ 67,400	\$ 700	\$ 576,820	\$ 5,600	\$ 571,220	\$ 8,400
OPERATING EXPENSES						
Salaries, Wages, & Employee Benefits	\$ 608,584	\$ 649,593	\$ 4,941,950	\$ 5,543,132	\$ 601,183	\$ 8,560,304
Professional Fees	81,725	51,125	349,314	458,350	109,036	687,850
Purchased & Contracted Services	(1,689,460)	1,374,894	8,437,328	11,049,845	2,612,516	19,087,753
Supplies, Materials & Utilities	370,782	593,157	3,199,288	4,825,254	1,625,966	7,271,121
Rentals	620	1,442	4,178	11,533	7,356	17,300
Maintenance, Repairs & Parts	241,523	307,744	1,108,548	1,636,621	528,073	2,631,787
General & Administrative Expenses	67,365	71,729	550,419	608,468	58,049	927,262
TOTAL OPERATING EXPENSES	\$ (318,861)	\$ 3,049,682	\$ 18,591,024	\$ 24,133,204	\$ 5,542,179	\$ 39,183,378
NON-OPERATING EXPENSES	\$ 37,681	\$ 37,681	\$ 301,875	\$ 301,875	\$ (0)	\$ 452,580
TOTAL EXPENSES	\$ (281,181)	\$ 3,087,363	\$ 18,892,900	\$ 24,435,079	\$ 5,542,179	\$ 39,635,958
NET REVENUES OVER EXPENSES	\$ 1,002,446	\$ 545,771	\$ 8,546,903	\$ 3,990,777	\$ 4,556,125	\$ 8,015,922
CAPITAL IMPROVEMENTS	\$ 70,633	\$ 21,956	\$ 332,968	\$ 338,181	\$ 5,212	\$ 447,960
OTHER SOURCES (USES)						
Bond Principal	\$ (136,667)	\$ (136,667)	\$ (1,094,166)	\$ (1,094,166)	\$ -	\$ (1,649,167)
Lease Principal	(700)	(700)	(5,548)	(5,548)	-	(8,364)
Repair and Replacement Transfers	(475,000)	(475,000)	(3,725,000)	(3,725,000)	-	(10,318,500)
Cash Sources (Uses)	-	-	-	-	-	5,111,485
Operating Reserve Fund	-	-	(264,144)	(264,144)	-	(264,144)
TOTAL OTHER SOURCES (USES)	\$ (612,366)	\$ (612,366)	\$ (5,088,858)	\$ (5,088,858)	\$ -	\$ (7,567,963)
NET CASH BASIS SOURCES (USES)	\$ 319,447	\$ (88,551)	\$ 3,125,076	\$ (1,436,262)	\$ 4,561,338	\$ -

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 70% 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				May-24	Design – Consultant working on updates to drawings and specifications. Also, SJRA is working with consultant to add language to allow for TWDB funding. Construction anticipated to begin September 2024.
				\$917,000	\$376,118	\$327,387			
				Construction				TBD	
\$5,734,000	\$0	\$0							
Lift Station Rehab	All	R&R	Design / Construction	Design				Aug-24	Funding for various pipe and valve replacements, coating of
				\$54,000	\$32,318	\$32,318			

Project	MUD	Funding	Phase	Budget(s)	Contract Amount(s)	Invoiced to Date	Contract Complete	Status
				Construction				concrete, generator installations, etc. Currently working on installation of generators and new control panels at several lift stations.
				\$792,000	\$570,418	\$485,026	Aug-24	
WWTF No. 1 Master Plan	All	2017 Bonds	Study	Study				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.
				\$500,000	\$500,000	\$484,150	Jan-24	
Owner Advisor for new WWTF No. 1	All	R&R/ Bond	OA Services	Owner's Advisor Services				Coordination work underway.
				\$550,000	\$559,096	\$1,524	Jan-25	
WWTF No. 2 Headworks Rehab	7 67	R&R	Construction	Design				Construction underway. Working on rehabilitation (concrete repair and coating) of headworks structure.
				\$244,000	\$375,982	\$264,540	Mar-23	
				Construction				
				\$1,456,000	\$1,785,000	\$741,199	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				Kick-off meeting occurred on March 12, 2024. Design has begun and will last until February 2025.
				\$168,150	\$168,874	\$23,711	Feb-25	
Wastewater Conveyance Optimization	6	2017 Bonds R&R	Study	Design				The Route Study work order was approved in October 2023 SJRA Board meeting. The study is approximately 60% complete. Route alternatives are being reviewed
				Bonds \$689,000	Bonds \$747,749	Bonds \$286,963	Aug-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	Final Design				Construction contract approved at SJRA February 2024 Board meeting. The preconstruction meeting occurred on March 4, 2024. Foundation work underway.
				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 \$13,225		

Project	MUD	Funding	Phase	Budget(s)	Contract Amount(s)	Invoiced to Date	Contract Complete	Status
Digital Water System	All	R&R	Design	Design				Working on functionality of existing dashboards and planning for predictive analysis, financial model integration, and project planning.
				\$250,000	\$248,600	\$248,581	Aug-24	
Town Center Water Line Renewal	Metro 6 36 60 67	R&R	Design (On Hold)	Final Design				Design is 97% complete. Metes and bounds for easements being finalized. Planning work for land acquisition underway. Design completion on hold.
				\$754,000	\$802,866	\$643,007	Feb-24 (on-hold)	
				Land Acquisition				
				\$1,533,500	\$243,417	\$202,258	Aug-25	
				Construction				
				\$0	\$0	\$0	TBD	
AC Water Lines Condition Based Assessment	All	R&R	Study	Study				Working on providing consultant with record information and having workshops to share institutional knowledge and data.
				\$1,600,000	\$0	\$0	Jun-25	
Harper's Landing Water Line Loop Install	39	R&R	Construction	Design				All water line installation complete and water line in service. Substantial complete
				\$125,000	\$57,708	\$50,997	Sep-23	

Project	MUD	Funding	Phase	Budget(s)	Contract Amount(s)	Invoiced to Date	Contract Complete	Status
				Construction				granted May 28, 2024.
				\$478,000	\$244,585	\$82,244	May-24	
Pressure Regulating Valve on Grogan's Mill	60	R&R	Construction	Design				Construction complete. Substantial completion inspection occurred on April 1, 2024. Working with contractor to get close-out documentation.
				\$10,000	\$12,379	\$6,993	May-23	
				Construction				
				\$94,000	\$137,448	\$4,946	Apr-24	
Water Plant Nos. 1, 2 & 3 Generators	36 47	R&R	Procurement	Design				Proposals received on May 10, 2024. Evaluation and contractor negotiations in progress.
				\$201,000	\$165,199	\$148,986	Mar-24	
				Construction (Equipment Purchase)				
				\$2,209,000	\$821,443	\$256,641	TBD	
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. New mechanical equipment being received and installation will start early June 2024. Project work is behind due to delays in getting
				\$119,000	\$0	\$0	Mar-23	

Project	MUD	Funding	Phase	Budget(s)	Contract Amount(s)	Invoiced to Date	Contract Complete	Status			
				Construction				equipment from fabricators.			
				\$1,313,000	\$946,984	\$283,843	May-24				
Elevated Storage Tank No. 6	47	Cash R&R	Design	Design				Jul-24	Kick-off meeting occurred on January 22, 2024. Design approximately 30% complete		
				Cash	Cash	Cash					
				\$0	\$0	\$0					
				R&R	R&R	R&R					
				\$570,000	\$612,047	\$81,348					
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				Feb-24	Notice to Proceed given on May 13, 2024. Well equipment being removed.		
				\$114,000	\$0	\$0					
				Construction							
				\$1,250,000	\$1,332,196	\$0	May-25				

Project	MUD	Funding	Phase	Budget(s)	Contract Amount(s)	Invoiced to Date	Contract Complete	Status
WWTF No. 2 Grit Classifier Replacement	7 67	R & R	Design	Final Design				SJRA working with consultant on scope and fee for final design. Anticipate taking design work order to SJRA Board for approval in July 2024.
				\$97,000	\$0	\$0	TBD	
				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.
				\$10,000,000	\$1,226,278	\$10,163	N/A	

****Due to the implementation and training of the new accounting software system, May financials will be published in July. The MOR will be updated with May and June activity in July's report.***

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.