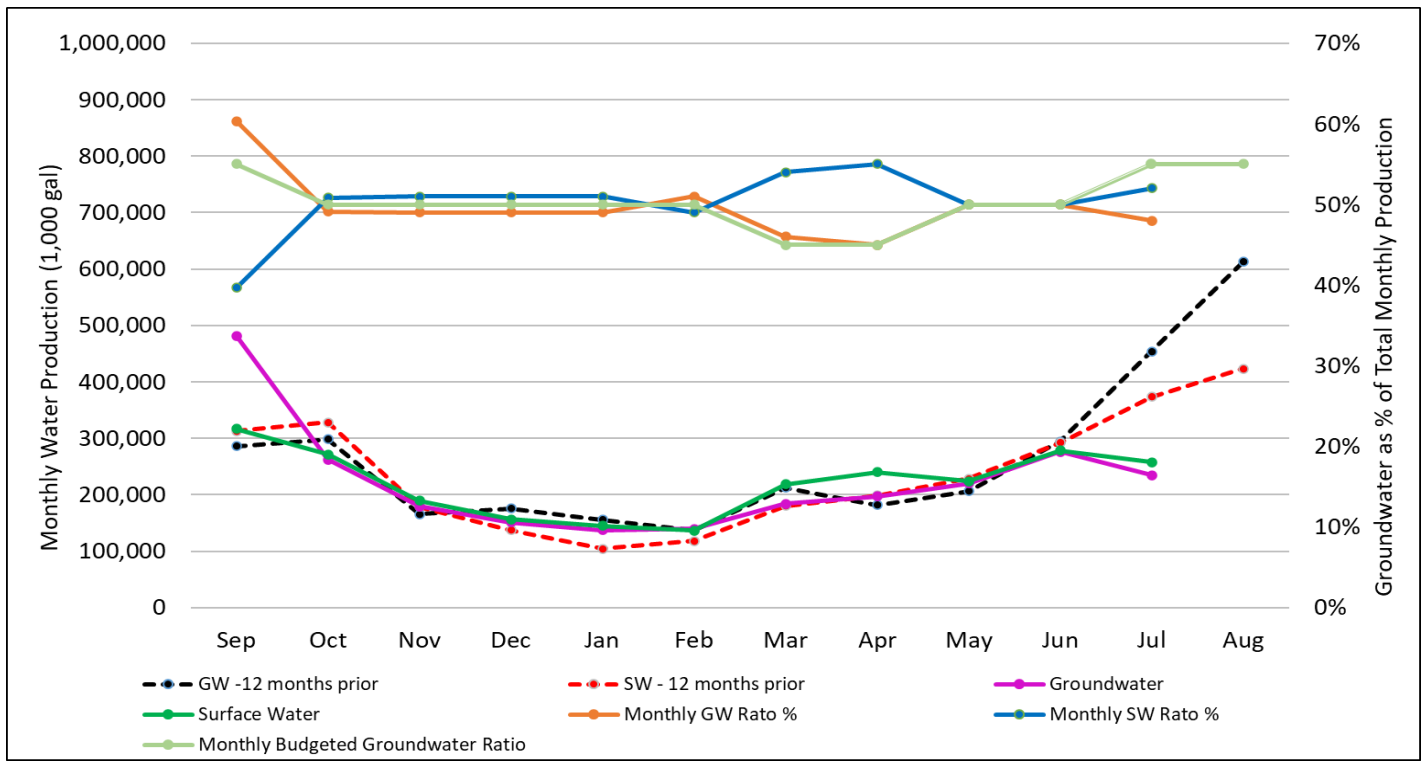
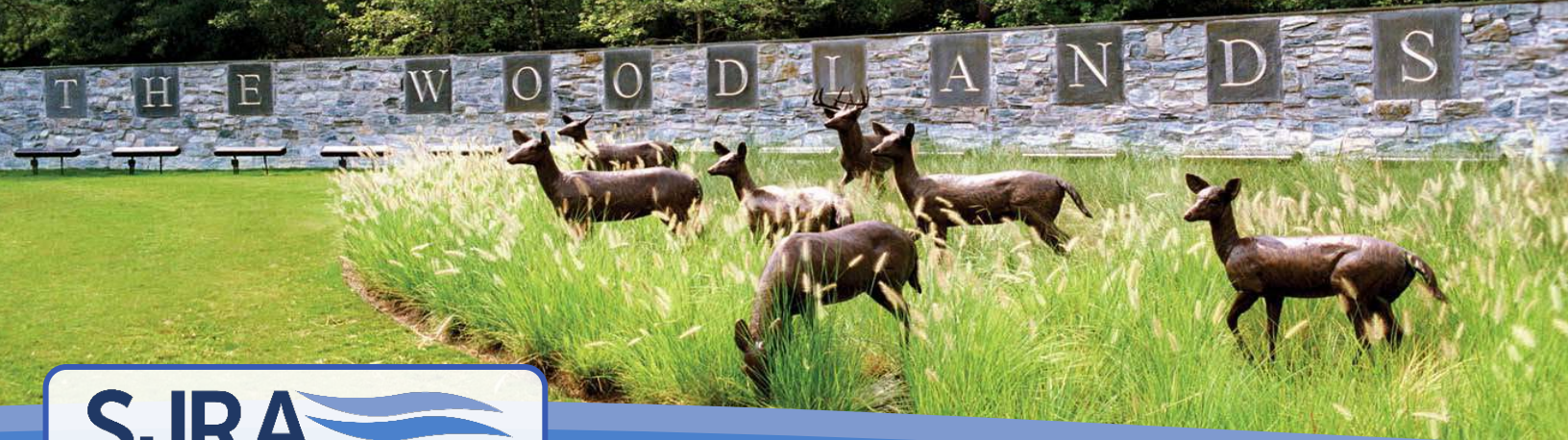


WOODLANDS MONTHLY OPERATIONS REPORT

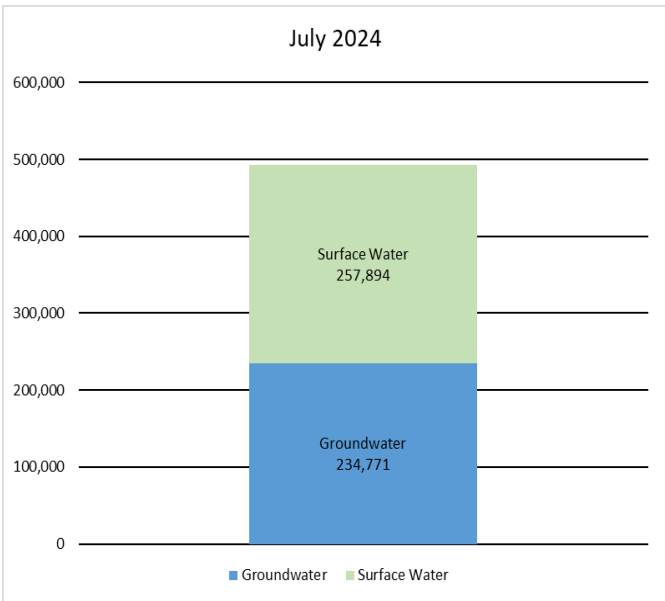
JULY 2024



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	2,463,266	2,435,001

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

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



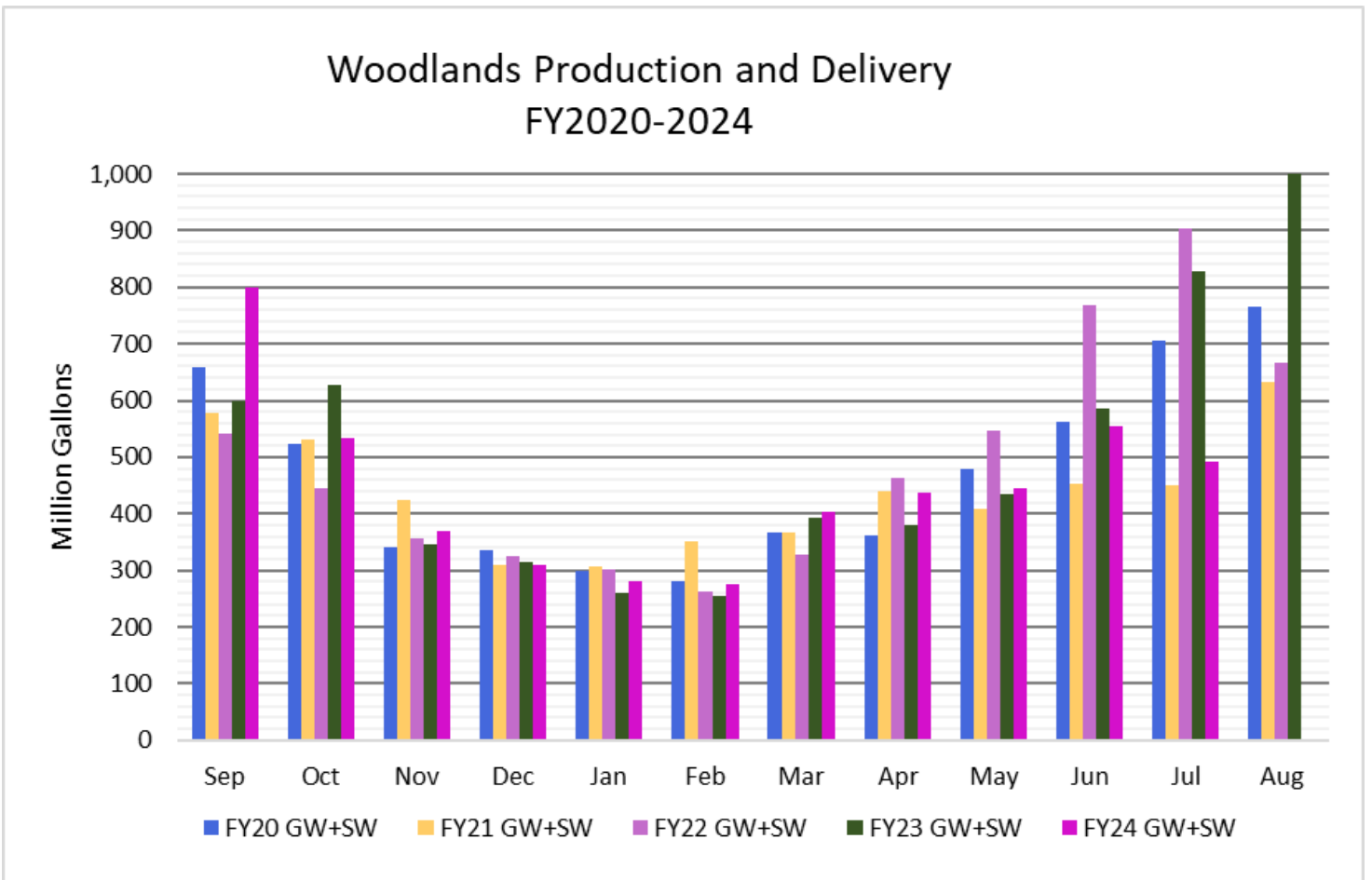
Surface Water 52% Groundwater 48%

Rolling 12 Month Water Loss July 2023 - June 2024	
Accounted for Loss	1.64%
Unaccounted for Loss	3.36%
Total Loss	5.00%

*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
July 31, 2024		1,875,900		Well 5 Flush Prior to Return to Service
July 31, 2024		35,736		Deadend Main Flush
July 31, 2024		150,000		Flushing on 242
July 31, 2024		181,802		Known 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	3.484	6.0	4.086	0.9	0.585
2-Hour Peak Flow (MGD)	18.0	*18.24 7/23/2024 (3.62")	15.60	15.12 7/11/2024 (2.00")	3.6	2.24 7/8/24 (4.10")
Chlorine (mg/l)	0.1	0.02	0.1	0.04	1.0 (min) 4.0 (max)	1.42 3.94
E. coli (colonies per 100 ml)	200	1.0	200	3.0	200	1.0

*Heavy rainfall event

3.0 INFRASTRUCTURE MAINTENANCE

Asset	Location	Purpose	Issue	Out of Service	In Service	Schedule to Repair
12" PVC water line and 16" well collection line (three locations)	SH 242	Potable water transmission and raw well water conveyance	Conflict with TXDOT drainage improvements	Varies. Project started 6/24/2024	Varies per completion of each section	All lines moved as directed. Completed July 22 nd , 2024
Wells 5, 11, 22, 26, 32	Varies	Raw water for treatment	Down for rehab	Varies	Well 5 completed, Sampling in progress**	Wells 5, 11, 32 – Spring 2024; Wells 22 & 26 – FY25
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		Switching over to new service rack. Once finished will be starting new platform.
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)	238	254.10	Corrective Maintenance (CM)	52	201.50

4.0 FINANCIAL

Due to implementation of the new accounting system, financial information will not be available.

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 80% 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				July-24	Design – Consultant working on updates to drawings and specifications. Also, SJRA is finalizing language to allow for TWDB funding, and will be sent to TWDB for approval. Project advertisement pending TWDB approval of project and procurement language Construction is anticipated to begin by end of calendar year.
				\$917,000	\$376,118	\$327,387			
				Construction				TBD	
\$5,734,000	\$0	\$0							

Project	MUD	Funding	Phase	Budget(s)	Contract Amount(s)	*Invoiced to Date	Contract Complete	Status
Lift Station Rehab	All	R&R	Design / Construction	Design				Funding for various pipe and valve replacements, coating of concrete, generator installations, etc. Currently working on installation of generators and new control panels at several lift stations.
				\$54,000	\$32,318	\$32,318	Aug-24	
				Construction				
				\$792,000	\$570,418	\$485,026	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. Project closeout pending final invoicing.
				\$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				Work Order No. 2 for WWTF No. 1 renewal/replace ment evaluation to go to SJRA August 2024 board meeting for approval.
				\$550,000	\$559,096	\$1,524	Jan-25	

Project	MUD	Funding	Phase	Budget(s)	Contract Amount(s)	*Invoiced to Date	Contract Complete	Status
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	\$264,540	Mar-23	
				Construction				
				\$1,456,000	\$1,785,000	\$741,199	Aug-24	
Lift Station No. 1 Gravity Main Bypass and Decommissioning	6	R&R	Design	Design				Design is approximately 65% complete and is scheduled to be complete by February 2025.
				\$168,150	\$168,874	\$23,711	Feb-25	
Wastewater Conveyance Optimization	6	2017 Bonds R&R	Study	Design				The study is approximately 80% complete. Three short-listed route alternatives are being evaluated.
				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	

Project	MUD	Funding	Phase	Budget(s)	Contract Amount(s)	*Invoiced to Date	Contract Complete	Status	
WWTF No. 2 Field Services Storage Building	6	Cash R&R	Construction	Design				Nov-23	Foundation work complete and building being assembled.
				Cash \$19,980	Cash \$19,980	Cash \$19,980			
				R&R \$21,020	R&R \$13,446	R&R \$13,446			
				Construction				Oct-24	
				Cash \$10,685	Cash \$5,897	Cash \$5,897			
				R&R \$459,000	R&R \$483,963	R&R \$13,225			
Digital Water System	All	R&R	Design	Design				Aug-24	Working on functionality of existing dashboards and planning for predictive analysis, financial model integration, and project planning. Scope for Phase 3 scope and level of effort being developed.
				\$250,000	\$248,600	\$248,581			
Town Center Water Line Renewal	Metro 6 36 60 67	R&R	Design (On Hold)	Design				Feb-24 (on-hold)	Design is 97% complete. Metes and bounds for easements being finalized. Preliminary work for land acquisition underway. Design completion on hold.
				\$754,000	\$802,866	\$643,007			
				Land Acquisition				Aug-25	
				\$1,533,500	\$243,417	\$202,258			
				Construction				TBD	
\$0	\$0	\$0							

Project	MUD	Funding	Phase	Budget(s)	Contract Amount(s)	*Invoiced to Date	Contract Complete	Status		
AC Water Lines Condition Based Assessment	All	R&R	Study	Study				Jun-25	Consultant working to develop condition assessment plan. Also, consultant will be testing samples of AC pipe previously removed for repairs in system.	
				\$1,600,000	\$0	\$0				
Harper's Landing Water Line Loop Install	39	R&R	Construction	Design				Sep-23	Final completion was granted on July 19, 2024. Working on final invoicing.	
				\$125,000	\$57,708	\$50,997				
				Construction						May-24
				\$478,000	\$244,585	\$82,244				
Pressure Regulating Valve on Grogan's Mill	60	R&R	Construction	Design				Apr-24	Construction complete. Final completion granted on May 1, 2024. All invoices have been paid.	
				\$10,000	\$12,379	\$6,993				
				Construction						Apr-24
				\$94,000	\$137,448	\$135,948				

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				The construction contract was approved at the July 2023 SJRA board meeting.
				\$201,000	\$165,199	\$148,986	Mar-24	
				Construction (Equipment Purchase)				
				\$2,209,000	\$821,443	\$256,641	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. New mechanical equipment is being received and installation started mid- June 2024 at Water Well No. 5. Project work is behind due to delays in getting equipment from fabricators.
				\$119,000	\$0	\$0	Mar-23	
				Construction				
				\$1,313,000	\$946,984	\$283,843	May-24	
Elevated Storage Tank No. 6	47	R&R	Design	Design				Design is approximately 40% complete. Working to finalize site layout and begin hydraulic modeling.
				\$570,000	\$612,047	\$81,348	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. Working on getting PO issued and scheduling kick-off meeting.
				\$97,000	\$106,540	\$0	May-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.
				\$10,000,000	\$1,226,278	\$10,163	N/A	

***The project financial data is updated through April 30, 2024. The project module in the ERP is in progress, we anticipate bringing updated information next month.**

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.