SJRA
SAN JACINTO RIVER AUTHORITY

The Woodlands
10-Year Project Plan
2027 – 2036

5/12/2026

SJRA
SAN JACINTO RIVER AUTHORITY

The Woodlands
10-Year Project Plan
FY 2027 – FY 2036

Date: 5/12/2026

CONTENTS

The Woodlands Executive Summary.....1

The Woodlands Project Location Maps.....2

The Woodlands Summary Sheets.....4

Individual Project Sheets.....6

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SAN JACINTO RIVER AUTHORITY

The Woodlands Division
10-Year Project Plan
Executive Summary
FY 2027 – FY 2036 Projects

Introduction

The purpose of The Woodlands Division 10-Year Project Plan for Fiscal Years (FY) 2027 through 2036 is to identify potential projects, funding needs and sources to maintain fiscally responsible, efficient and reliable wholesale water and wastewater service which is compliant with all state and federal regulations.

The Project Plan includes projects resulting from the Water Line Condition Based Assessment Study and associated discussions and approvals with the MUD Directors. Renewal of other infrastructure such as wastewater gravity and force mains, elevated storage tanks, and water wells were based upon previously completed studies. However, follow-up studies have been integrated into the plan to allow for updated prioritization, budgets and schedules for these projects and development of others found necessary.

Key Focus Areas:

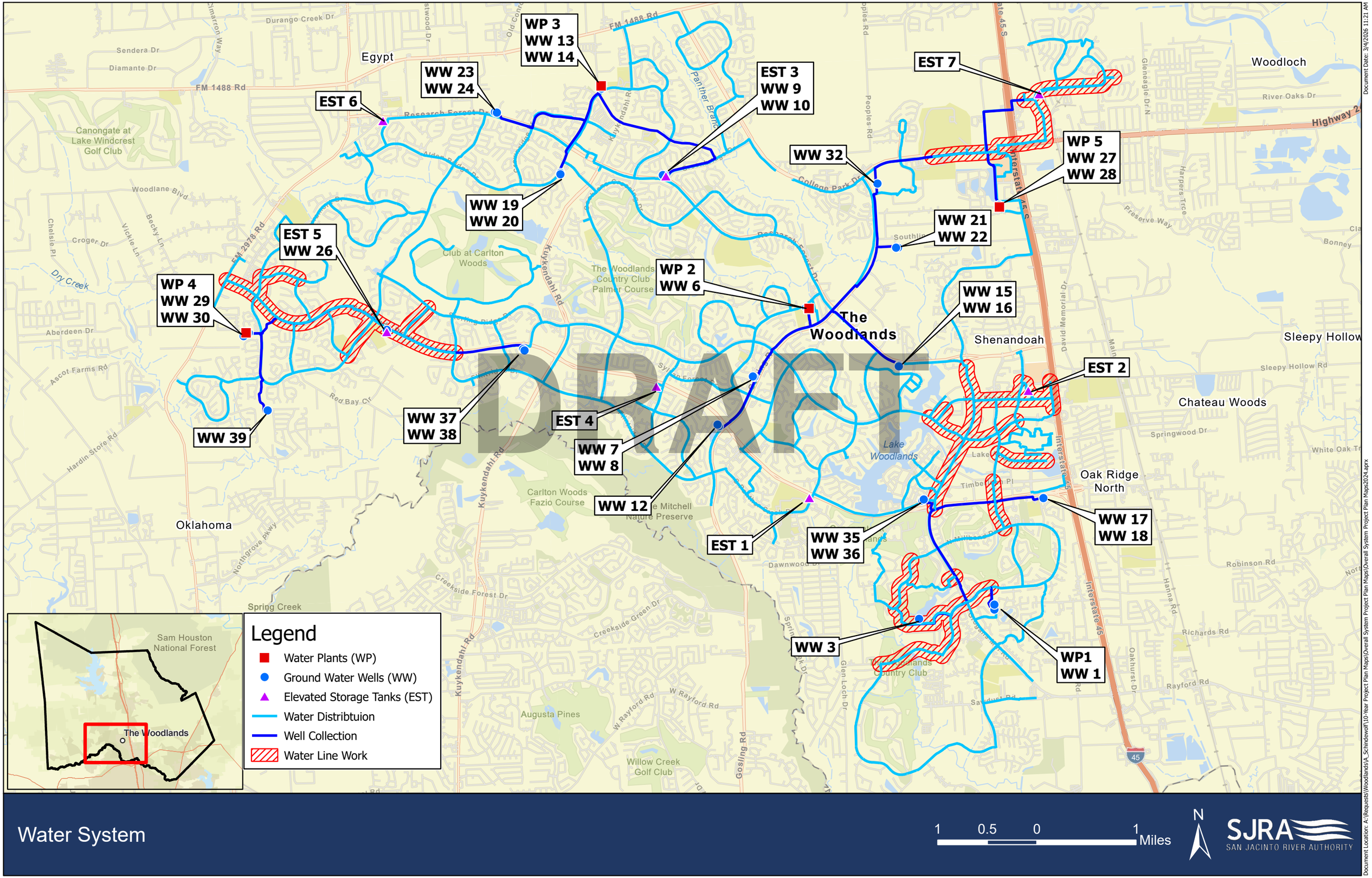
- Water and wastewater system condition assessment studies
- Replacement of 77,000 LF of Tier 1 and 2 water lines
- Construction of 1-million-gallon elevated water storage tank
- Rehabilitation of 29 water wells
- Renewal of 5 elevated water storage tanks
- Rehabilitation or replacement of 33,700 LF of wastewater lines
- Renewal of water and wastewater plant components
- Lift Station No. 24 site improvements for flood resiliency

Total Projected Costs (All Projects)	
Estimated Expenditures Thru End of FY2026	$12,872,115
FY 2027	$39,029,374
FY 2028	$38,461,500
FY 2029	$28,401,000
FY 2030 – FY 2036	$234,394,000
Total	**$353,157,989**

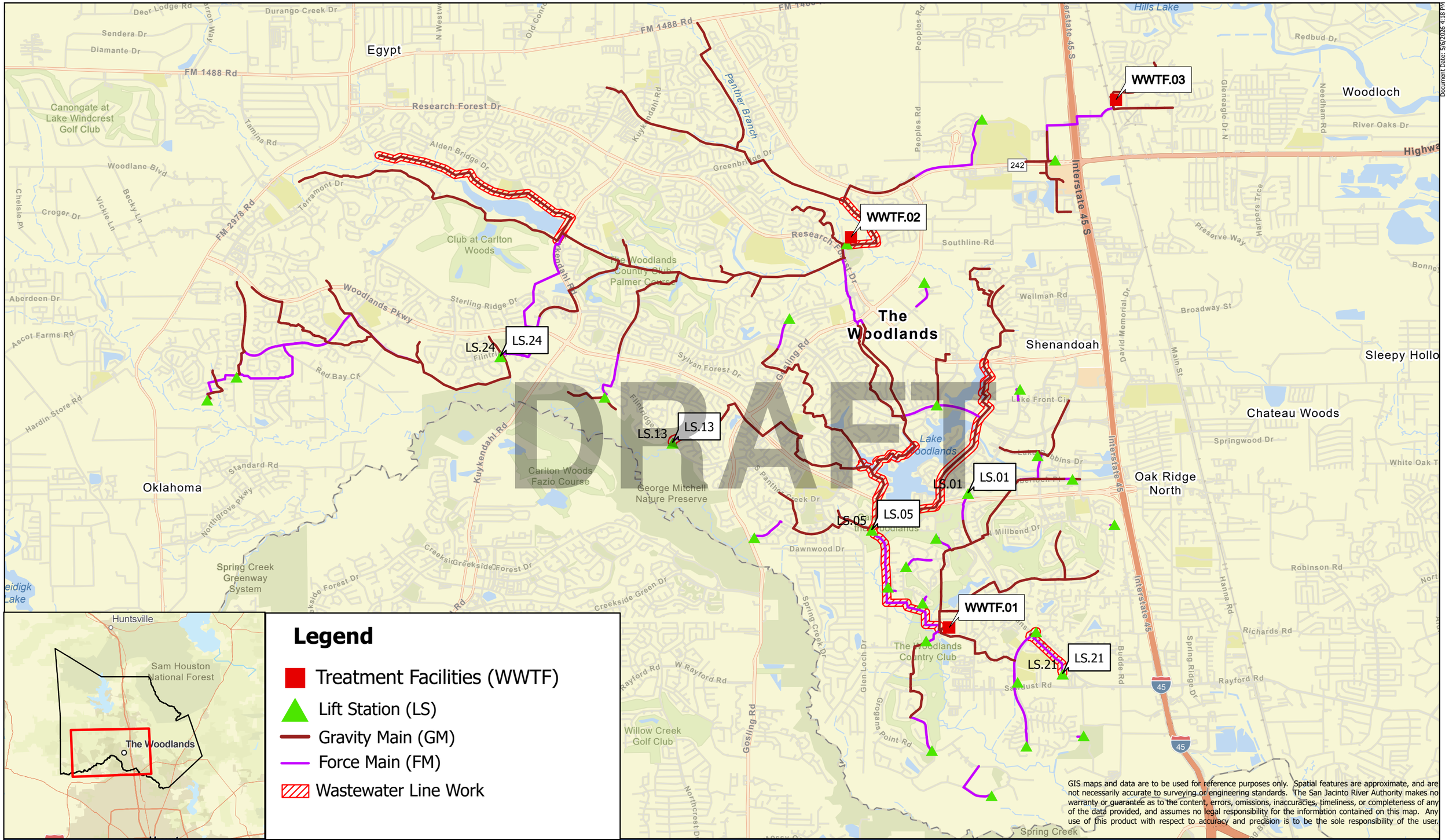
Funding Sources (10 – Year Period)	
R&R Fund Water	$55,369,871
R&R Fund Wastewater	$46,154,797
2017 Bond Financed - Wastewater	$22,629,321
Bond Financed – Water (Unfunded)	$181,020,000
Bond Financed – Wastewater (Unfunded)	$46,159,000
Federal Funds – Wastewater	$1,825,000
Total	**$353,157,989**

Risk Management

The Project Plan has been prepared utilizing condition, expected service life and available funding. Projects have been prioritized based on funding and renewal of some assets which may have been delayed past their recommended renewal service life timeline.



Water System



Wastewater System

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The Woodlands Project Summary - Water

The Woodlands

FY 2027 - FY 2036 Projects

PAGE NO.	PROJECT ID	PROJECT NAME	ESTIMATED EXPENDITURES THROUGH END OF FY 2026	2027 ESTIMATE	2028 ESTIMATE	2029 ESTIMATE	2030 ESTIMATE	2031 ESTIMATE	2032 ESTIMATE	2033 ESTIMATE	2034 ESTIMATE	2035 ESTIMATE	2036 ESTIMATE	TOTAL
6	WA21WL	Town Center Water Line Replacement	$ 1,579,639	$ 71,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 1,650,639**
7	WA25WR	Water Well No. 3 and 13 Rehabilitation	$ 454,545	$ 568,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 1,022,545**
8	WAEST6	Elevated Storage Tank No. 6	$ 924,687	$ 6,502,000	$ 5,135,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 12,561,687**
9	WA26WR	Water Well Nos. 7, 15 and 30 Rehabilitation	$ -	$ 1,738,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 1,738,000**
10	WAFPAC	Water Facility Painting and Coating	$ -	$ 62,000	$ 64,000	$ 66,000	$ 68,000	$ 70,000	$ 72,000	$ 74,000	$ 76,000	$ 78,000	$ 81,000	**$ 711,000**
11	WAVALV	Water System Isolation Valves	$ -	$ 100,000	$ 103,000	$ 107,000	$ 110,000	$ 113,000	$ 116,000	$ 120,000	$ 124,000	$ 127,000	$ 131,000	**$ 1,151,000**
12	WA27WR	Water Well Nos. 19 and 27 Rehabilitation	$ -	$ 352,000	$ 1,044,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 1,396,000**
13	*WAP2GS*	*Water Plant 2 Ground Storage Tank Study*	$ -	$ -	$ 166,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 166,000**
14	WA28WR	Water Well Nos. 8, 20 and 29 Rehabilitation	$ -	$ -	$ 1,142,000	$ 994,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 2,136,000**
15	WAET3R	Elevated Storage Tank No. 3 Rehabilitation	$ -	$ -	$ 360,000	$ 1,747,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 2,107,000**
16	*WABPAS*	*Water System Backup Power Assessment*	$ -	$ -	$ -	$ 227,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 227,000**
17	WA29WR	Water Well Nos. 10, 16 and 35 Rehabilitation	$ -	$ -	$ -	$ 709,000	$ 1,424,000	$ -	$ -	$ -	$ -	$ -	$ -	**$ 2,133,000**
18	*WAWWRC*	*Well Capacity, Rehabilitation and Condition Assessment*	$ -	$ -	$ -	$ -	$ 293,000	$ -	$ -	$ -	$ -	$ -	$ -	**$ 293,000**
19	*WAWWES*	*Water Well Electrical and Control System Assessment*	$ -	$ -	$ -	$ -	$ 234,000	$ -	$ -	$ -	$ -	$ -	$ -	**$ 234,000**
20	WA30WR	Water Well Nos. 18 and 36 Rehabilitation	$ -	$ -	$ -	$ -	$ 369,000	$ 815,000	$ -	$ -	$ -	$ -	$ -	**$ 1,184,000**
21	*WAWLCA*	*Water Line Condition Assessment*	$ -	$ -	$ -	$ -	$ 775,000	$ 799,000	$ -	$ -	$ -	$ -	$ -	**$ 1,574,000**
22	WAET5R	Elevated Storage Tank No. 5 Rehabilitation	$ -	$ -	$ -	$ -	$ 240,000	$ 1,170,000	$ -	$ -	$ -	$ -	$ -	**$ 1,410,000**
23	WA1WGN	Water Well Site Generator - Project 1	$ -	$ -	$ -	$ -	$ 535,000	$ 779,000	$ 388,000	$ -	$ -	$ -	$ -	**$ 1,702,000**
24	WA31WR	Water Well Nos. 9 and 14 Rehabilitation	$ -	$ -	$ -	$ -	$ -	$ 567,000	$ 1,175,000	$ -	$ -	$ -	$ -	**$ 1,742,000**
25	WAET7R	Elevated Storage Tank No. 7 Rehabilitation	$ -	$ -	$ -	$ -	$ -	$ 202,000	$ 983,000	$ -	$ -	$ -	$ -	**$ 1,185,000**
26	*WAP15C*	*Water Plant Nos. 1, 2, 3, 4 and 5 Condition Assessment*	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,040,000	$ 1,521,000	$ -	$ -	$ -	**$ 2,561,000**
27	WAET4R	Elevated Storage Tank No. 4 Rehabilitation	$ -	$ -	$ -	$ -	$ -	$ -	$ 217,000	$ 1,050,000	$ -	$ -	$ -	**$ 1,267,000**
28	WA32WR	Water Well Nos. 21, 23 and 38 Rehabilitation	$ -	$ -	$ -	$ -	$ -	$ -	$ 675,000	$ 933,000	$ -	$ -	$ -	**$ 1,608,000**
29	WA2WGN	Water Well Site Generator - Project 2	$ -	$ -	$ -	$ -	$ -	$ -	$ 572,000	$ 298,000	$ 307,000	$ -	$ -	**$ 1,177,000**
30	WA33WR	Water Well Nos. 24 and 37 Rehabilitation	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 411,000	$ 1,069,000	$ -	$ -	**$ 1,480,000**
31	WA123A	Abandon Water Well Nos. 1 and 6	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 144,000	$ 481,000	$ -	$ -	**$ 625,000**
32	WAET2R	Elevated Storage Tank No. 2 Rehabilitation	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 499,000	$ 2,419,000	$ -	$ -	**$ 2,918,000**
33	WAET1R	Elevated Storage Tank No. 1 Rehabilitation	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 222,000	$ 1,075,000	$ -	**$ 1,297,000**
34	WA3WGN	Water Well Site Generator - Project 3	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 972,000	$ 551,000	$ -	**$ 1,523,000**
35	WA34WR	Water Well Nos. 12 and 28 Rehabilitation	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 415,000	$ 918,000	$ -	**$ 1,333,000**
36	WABPRW	Booster Pump Renewal	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 124,000	$ 170,000	$ 175,000	**$ 469,000**
37	WA35WR	Water Well Nos. 17 and 39 Rehabilitation	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 346,000	$ 1,361,000	**$ 1,707,000**
38	WA36WR	Water Well Nos. 22, 26 and 32 Rehabilitation	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,081,000	**$ 1,081,000**
	TOTAL WATER R&R FUNDS		$ 2,958,871	$ 9,393,000	$ 8,014,000	$ 3,850,000	$ 4,048,000	$ 4,515,000	$ 5,238,000	$ 5,050,000	$ 6,209,000	$ 3,265,000	$ 2,829,000	**$ 55,369,871**
6	WA21WL	Town Center Water Line Replacement	$ -	$ 12,970,000	$ 9,592,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 22,562,000**
39	WAWPWL	Woodlands Parkway Water Line Replacement	$ -	$ 2,292,000	$ 3,894,000	$ 13,371,000	$ 13,772,000	$ -	$ -	$ -	$ -	$ -	$ -	**$ 33,329,000**
40	WA2GT1	Water Plant No. 2 Ground Storage Tank No. 1 Replacement	$ -	$ -	$ -	$ 932,000	$ 4,749,000	$ 543,000	$ -	$ -	$ -	$ -	$ -	**$ 6,224,000**
41	WAWW40	Water Well No. 40	$ -	$ -	$ -	$ -	$ -	$ 1,885,000	$ 8,109,000	$ 2,042,000	$ -	$ -	$ -	**$ 12,036,000**
	The projects below are part of the Tier 2 Water Line Projects. These projects are to be reassessed and adjusted as needed after a water line condition assessment is conducted.													
42	WAWPLL	Woodlands Parkway Supplemental Water Line Replacement	$ -	$ -	$ -	$ -	$ 1,275,000	$ 2,167,000	$ 11,161,000	$ 3,832,000	$ -	$ -	$ -	**$ 18,435,000**
43	WAGMWL	Grogan's Mill Village Water Line Replacement	$ -	$ -	$ -	$ -	$ -	$ 1,611,000	$ 2,490,000	$ 9,403,000	$ 9,684,000	$ -	$ -	**$ 23,188,000**
44	WAGMLL	Grogan's Mill Village Supplemental Water Line Replacement	$ -	$ -	$ -	$ -	$ -	$ 689,000	$ 1,064,000	$ 4,018,000	$ 4,138,000	$ -	$ -	**$ 9,909,000**
45	WATCWL	Trade Center Water Line Replacement	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,464,000	$ 2,261,000	$ 8,539,000	$ 8,796,000	$ -	**$ 21,060,000**
46	WATCLL	Trade Center Supplemental Water Line Replacement	$ -	$ -	$ -	$ -	$ -	$ -	$ 713,000	$ 1,102,000	$ 4,162,000	$ 4,287,000	$ -	**$ 10,264,000**
47	WAWMWL	Woodlands Mall Water Line Replacement	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,095,000	$ 2,254,000	$ 6,387,000	$ 6,578,000	$ -	**$ 16,314,000**
48	WAWMLL	Woodlands Mall Supplemental Water Line Replacement	$ -	$ -	$ -	$ -	$ -	$ -	$ 517,000	$ 1,064,000	$ 3,014,000	$ 3,104,000	$ -	**$ 7,699,000**
	TOTAL WATER FUTURE BOND FUNDS / UNFUNDED		$ -	$ 15,262,000	$ 13,486,000	$ 14,303,000	$ 19,796,000	$ 6,895,000	$ 26,613,000	$ 25,976,000	$ 35,924,000	$ 22,765,000	$ -	**$ 181,020,000**
	TOTAL SJRA WATER PROJECTS		**$ 2,958,871**	**$ 24,655,000**	**$ 21,500,000**	**$ 18,153,000**	**$ 23,844,000**	**$ 11,410,000**	**$ 31,851,000**	**$ 31,026,000**	**$ 42,133,000**	**$ 26,030,000**	**$ 2,829,000**	**$ 236,389,871**

The Woodlands Project Summary - Wastewater

The Woodlands

FY 2027 - FY 2036 Projects

PAGE NO.	PROJECT ID	PROJECT NAME	ESTIMATED EXPENDITURES THROUGH END OF FY 2026	2027 ESTIMATE	2028 ESTIMATE	2029 ESTIMATE	2030 ESTIMATE	2031 ESTIMATE	2032 ESTIMATE	2033 ESTIMATE	2034 ESTIMATE	2035 ESTIMATE	2036 ESTIMATE	TOTAL
49	WWF1OA	Wastewater Owner's Advisor	$ 547,490	$ 345,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 892,490**
50	WW02FR	WWTF No. 2 Tertiary Filter Improvements (2nd and 3rd Filter)	$ 508,491	$ 18,836	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 527,327**
51	WWLS1B	Lift Station No. 1 Gravity Main Bypass and Decommissioning	$ 257,698	$ 130,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 387,698**
52	WWP2GC	WWTF No. 2 Grit Classifier Improvements	$ 944,444	$ 356,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 1,300,444**
53	WW21FM	Lift Station No. 21 Force Main Renewal	$ 131,900	$ 247,000	$ 384,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 762,900**
54	WWLS24	Lift Station 24 Improvements	$ 276,900	$ 244,600	$ 86,500	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 608,000**
		Federal Funds	$ -	$ 958,000	$ 867,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 1,825,000**
55	WW21LS	Lift Station Rehabilitation	$ 800,000	$ 100,000	$ 125,000	$ 125,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	**$ 2,200,000**
56	WWP3BS	Wastewater Treatment Facility No. 3 Bar Screen Replacement	$ -	$ 220,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 220,000**
57	WW13FM	Lift Station No. 13 Force Main Renewal	$ -	$ 233,000	$ 937,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 1,170,000**
58	WW5FMR	Lift Station No. 5 Force Main Replacement	$ 50,000	$ 536,938	$ 4,319,000	$ 4,641,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 9,546,938**
59	WWMHRB	Wastewater System Manhole Rehabilitation	$ -	$ 124,000	$ 124,000	$ 124,000	$ 124,000	$ 110,000	$ 110,000	$ 110,000	$ 110,000	$ 110,000	$ 110,000	**$ 1,156,000**
60	WWFPAC	Wastewater Facility Painting and Coating	$ -	$ 40,000	$ 41,000	$ 43,000	$ 44,000	$ 45,000	$ 47,000	$ 48,000	$ 49,000	$ 51,000	$ 52,000	**$ 460,000**
61	WW2SCR	WWTF No. 2 Belt Press and Conveyor Replacement	$ -	$ 733,000	$ 2,233,000	$ 3,564,000	$ 1,836,000	$ -	$ -	$ -	$ -	$ -	$ -	**$ 8,366,000**
62	*WWSSFC*	*Sanitary Sewer Flow Monitoring and Condition Assessment*	$ -	$ -	$ 1,379,000	$ 1,421,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 2,800,000**
63	*WWP2CA*	*WWTF No. 2 Condition Assessment*	$ -	$ -	$ 321,000	$ 330,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 651,000**
64	WW02CR	WWTF No. 2 Clarifier Rehabilitation	$ -	$ -	$ -	$ -	$ -	$ 163,000	$ 1,848,000	$ -	$ -	$ -	$ -	**$ 2,011,000**
65	WWP2BC	WWTF No. 2 Basin Coating	$ -	$ -	$ -	$ -	$ -	$ 160,000	$ 1,977,000	$ 1,866,000	$ -	$ -	$ -	**$ 4,003,000**
66	*WWP3CA*	*WWTF No. 3 Condition Assessment*	$ -	$ -	$ -	$ -	$ -	$ -	$ 241,000	$ 248,000	$ -	$ -	$ -	**$ 489,000**
67	WWP2BR	WWTF No. 2 Blower Replacement	$ -	$ -	$ -	$ -	$ -	$ -	$ 581,000	$ 2,724,000	$ 1,922,000	$ -	$ -	**$ 5,227,000**
68	WW03CR	WWTF No. 3 Clarifier Rehabilitation	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 85,000	$ 961,000	$ -	**$ 1,046,000**
69	WWP3BR	WWTF No. 3 Blower Replacement	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 350,000	$ 1,980,000	**$ 2,330,000**
	TOTAL R&R FUNDS		$ 3,516,923	$ 3,328,374	$ 9,949,500	$ 10,248,000	$ 2,154,000	$ 628,000	$ 4,954,000	$ 5,146,000	$ 2,316,000	$ 1,622,000	$ 2,292,000	**$ 46,154,797**
	TOTAL FEDERAL FUNDS		**$ -**	**$ 958,000**	**$ 867,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,825,000**
70	WW21GR	South Shore Gravity Main Rehabilitation	$ 904,321	$ 5,965,000	$ 6,145,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 13,014,321**
50	WW02FR	WWTF No. 2 Tertiary Filter Improvements (2nd and 3rd Filter)	$ 4,992,000	$ 374,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 5,366,000**
51	WWLS1B	Lift Station No. 1 Gravity Main Bypass and Decommissioning	$ 500,000	$ 3,749,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 4,249,000**
71	WW23GR	Gravity Main Rehabilitation - Hughes Landing and East Shore	$ -	$ -	$ -	$ -	$ 1,188,000	$ 3,039,000	$ 6,578,000	$ -	$ -	$ -	$ -	**$ 10,805,000**
72	WW25GR	Gravity Main Rehabilitation - North Bear Branch	$ -	$ -	$ -	$ -	$ -	$ 898,000	$ 2,192,000	$ 4,499,000	$ -	$ -	$ -	**$ 7,589,000**
73	WW27GR	Gravity Main Rehabilitation - Upper Panther Branch	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,329,000	$ 3,543,000	$ 7,755,000	$ -	$ -	**$ 12,627,000**
74	WW31GR	Gravity Main Rehabilitation - West of Lake Woodlands	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,320,000	$ 3,451,000	$ 7,478,000	**$ 12,249,000**
75	WW32GR	Gravity Main Rehabilitation - East of Lake Woodlands	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 388,000	$ 2,501,000	**$ 2,889,000**
	TOTAL 2017 BOND FUNDS		**$ 6,396,321**	**$ 10,088,000**	**$ 6,145,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 22,629,321**
	TOTAL WASTEWATER FUTURE BOND FUNDS / UNFUNDED		**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,188,000**	**$ 3,937,000**	**$ 10,099,000**	**$ 8,042,000**	**$ 9,075,000**	**$ 3,839,000**	**$ 9,979,000**	**$ 46,159,000**
	TOTAL SJRA WASTEWATER PROJECTS		**$ 9,913,244**	**$ 14,374,374**	**$ 16,961,500**	**$ 10,248,000**	**$ 3,342,000**	**$ 4,565,000**	**$ 15,053,000**	**$ 13,188,000**	**$ 11,391,000**	**$ 5,461,000**	**$ 12,271,000**	**$ 116,768,118**
	TOTAL SJRA WATER AND WASTEWATER PROJECTS		**$ 12,872,115**	**$ 39,029,374**	**$ 38,461,500**	**$ 28,401,000**	**$ 27,186,000**	**$ 15,975,000**	**$ 46,904,000**	**$ 44,214,000**	**$ 53,524,000**	**$ 31,491,000**	**$ 15,100,000**	**$ 353,157,989**

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Town Center Water Line Replacement	WA21WL	2021-2028	The Woodlands

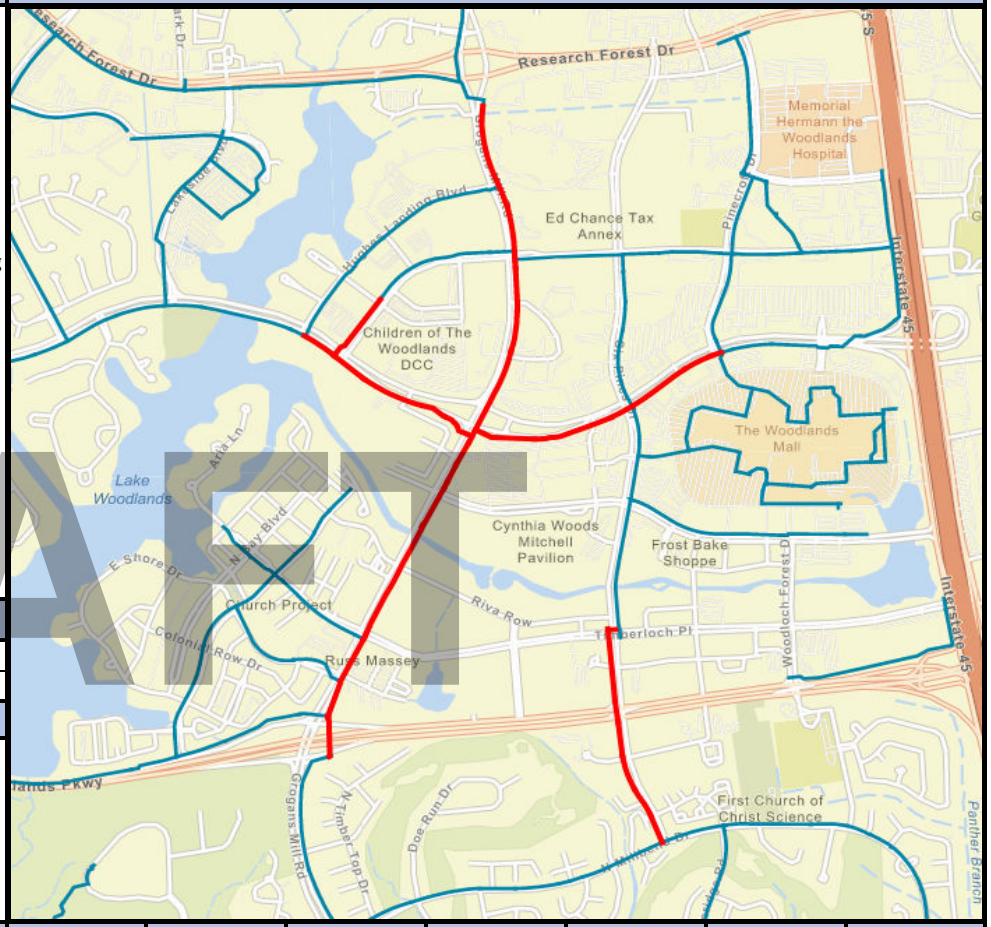
PROJECT DESCRIPTION

In June 2025, the results of a Water Line Condition Based Assessment project were presented to the MUDs. This condition assessment reviewed all SJRA water lines through desktop and physical inspection analysis. Based on this assessment, the consultant recommended prioritized replacement of certain water lines over a 10-year period (sorted into Tier 1-3 projects and main and supplemental lines) focusing on water lines with high breakage rates. The consultant's recommendations replaced the previous recommendations by SJRA. After review and discussions with the MUDs, the consultant's recommendations to replace the Tier 1 main lines in the first 5 years was approved. The Tier 2 projects and supplemental lines would be considered for replacement after additional condition data was collected.

The approved recommendations to replace the Tier 1 water lines included Town Center project as a priority (approximately 14,000 linear feet of replacement), but also added a 700 linear foot segment of 12-inch water line along Lake Front Circle to be replaced. Additionally, it has been identified that during the service life of the new water line, Grogan's Mill Road may be expanded to three lanes. Therefore, to complete the design of the Town Center Water Line Replacement project, a re-design must occur along Grogan's Mill Road between Woodlands Parkway and Research Forest Drive, as well as adding the segment along Lake Front Circle. Since the design of this project began in 2021, market inflation on pipe material and a tight construction market resulted in a substantial increase in the cost for installation of new water lines. The re-design along Grogan's Mill Road, continued cost inflation for water line pipe and installation, and an anticipated $3.6MM estimated cost for easement acquisition resulted in an increase in anticipated total budget of over $6 million.

The preliminary and final design phases were funded by R&R funds. It is anticipated funding for easement acquisition, and the construction phase will be from Bonds.

PROJECT MAP/PICTURE



BUDGET

Original Budget:	$ 18,122,553	Proposed Budget Amendment:	$ 6,090,086
Prior FY Approved Amendments:	$ -	Total Proposed Budget:	$ 24,212,639

PROJECT SCHEDULE

Initiate Cons. Selection:	Completed
PSA/WO Issued:	Completed
Final Proposal Docs:	FY 2027 - Q2
Proposals/Bids Received:	FY 2027 - Q2
Constr. Contract to Board:	FY 2027 - Q3
Substantial Completion:	FY 2028 - Q4

DELIVERY	FUNDING
☑ CSP	☐ O&M
☐ QUOTES	☑ BONDS
☐ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 648,960	$ 648,960	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 1,001,679	$ 930,679	$ 71,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 17,186,000	$ -	$ 8,466,000	$ 8,720,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 1,719,000	$ -	$ 847,000	$ 872,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ 3,657,000	$ -	$ 3,657,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 24,212,639	$ 1,579,639	$ 13,041,000	$ 9,592,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

**Budget includes 20% contingency, and 3% inflation per year.

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water Well No. 3 and 13 Rehabilitation	WA25WR	2025-2027	The Woodlands

PROJECT DESCRIPTION

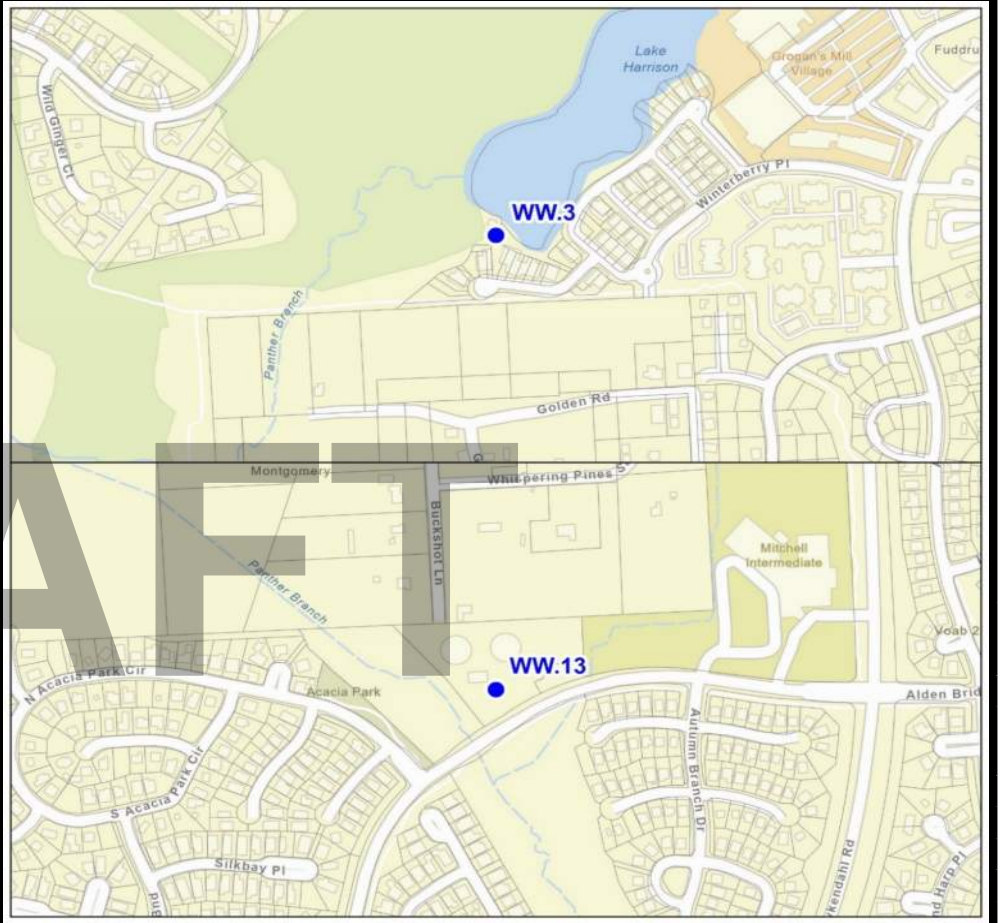
Water Well Nos. 3 and 13 are currently out-of-service due to a significant loss of pumping capability. Water Well Nos. 3 and 13 showed indications of significant production decline in March 2025 and June 2024 respectively and both were shut off soon once their production fell below 250 gpm (the well pumps are designed to produce 1,300 gpm and 1,500 gpm respectively). Due to the failure of the well pumps, both wells will be rehabilitated and their pumping equipment replaced.

Rehabilitation will begin with an inspection of all well related equipment and a video of the well to identify what caused the well pump failure and to identify well rehabilitation needs. The project will include replacement of pump and well equipment; wire brushing the well screen section; and jetting out and removing fill material from the bottom of the well. Since the Water Well No. 3 pumping equipment will be replaced, the new well pump will be placed 50 feet lower per recommendations from the 2022 Water Well Master Plan developed by INTERA Incorporated. No increase in well capacity is planned.

Water Well No. 3 - Jasper Aquifer; Design GPM: 1,300; Last Rehab: 2016; Current GPM: 0
Status: Out-of-Service (March 2025)
Water Well No. 13 - Jasper Aquifer; Design GPM: 1,500; Last Rehab: 2013; Current GPM: 0
Status: Out-of-Service (June 2024)

Costs are based on previous well rehabilitation projects of similar scope and pump lowering. Design, CPS, and CM&I (no CMT required) is being performed in-house. The reduction in budget is due to items being performed in-house instead of outsourced.

PROJECT MAP/PICTURE



BUDGET

Original Budget:	$ 1,125,000	Proposed Budget Amendment:	$ (102,455)
Prior FY Approved Amendments:	$ -	Total Proposed Budget:	$ 1,022,545

PROJECT SCHEDULE

Initiate Cons. Selection:	In-House
PSA/WO Issued:	In-House
Final Proposal Docs:	FY 2026 - Q3
Proposals/Bids Received:	FY 2026 - Q3
Constr. Contract to Board:	FY 2026 - Q4
Substantial Completion:	FY 2027 - Q1

DELIVERY	FUNDING
☑ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☐ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 1,022,545	$ 454,545	$ 568,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,022,545	$ 454,545	$ 568,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Elevated Storage Tank No. 6	WAEST6	2024-2028	The Woodlands

PROJECT DESCRIPTION

SJRA received a TCEQ Notice of Violation on January 2017 indicating the water system contained insufficient elevated water storage for the number of connections in the system. SJRA was able to receive a temporary variance, but additional elevated storage capacity is required to address future demand needs. Elevated Storage Tanks (ESTs) provide pressure stabilization in the water distribution system, reducing the need for water plant booster pumps to operate constantly to maintain system pressure. ESTs also provide additional water storage in the event of a nearby fire event.

Elevated Storage Tank No. 6 is proposed as an elevated storage tank (EST) to be constructed at the corner of Research Forest Drive and Egypt Lane, which is in the Upper Pressure Plane of the Woodlands Division water system. Placing the EST in the Upper Pressure Plane allows for pressure maintenance capability in all three pressure planes due to the ability for water transfer to occur from an upper to a lower pressure plane. It is planned that the new EST will be built on land SJRA previously acquired during master planning efforts in the past.

The EST is proposed to have a 1 million gallon capacity based upon results of recent system modeling efforts and analysis of system operations. The elevated storage tank piping will connect to an existing 16-inch water line in the area. An access driveway will need to be constructed to access the site from Research Forest Drive. A forest buffer will be preserved around the site.

The majority of that increase in cost from the original budget is due to an increase in tank construction costs due to tariffs on steel and other building materials. A portion of the increase was also due to more refinement of the electrical, I&C, and security installation costs.

PROJECT MAP/PICTURE

BUDGET

Original Budget:	$ 11,407,687	Proposed Budget Amendment:	$ 1,154,000
Prior FY Approved Amendments:	$ -	Total Proposed Budget:	$ 12,561,687

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	Completed	☑ CSP	☐ O&M
PSA/WO Issued:	Completed	☐ QUOTES	☐ BONDS
Final Proposal Docs:	FY 2026 - Q4	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2026 - Q4	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2027 - Q1		☐ OTHER
Substantial Completion:	FY 2028 - Q3		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 581,687	$ 581,687	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 410,000	$ 343,000	$ 67,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 10,518,000	$ -	$ 5,850,000	$ 4,668,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 1,052,000	$ -	$ 585,000	$ 467,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 12,561,687	$ 924,687	$ 6,502,000	$ 5,135,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water Well Nos. 7, 15 and 30 Rehabilitation	WA26WR	2026-2027	The Woodlands

PROJECT DESCRIPTION

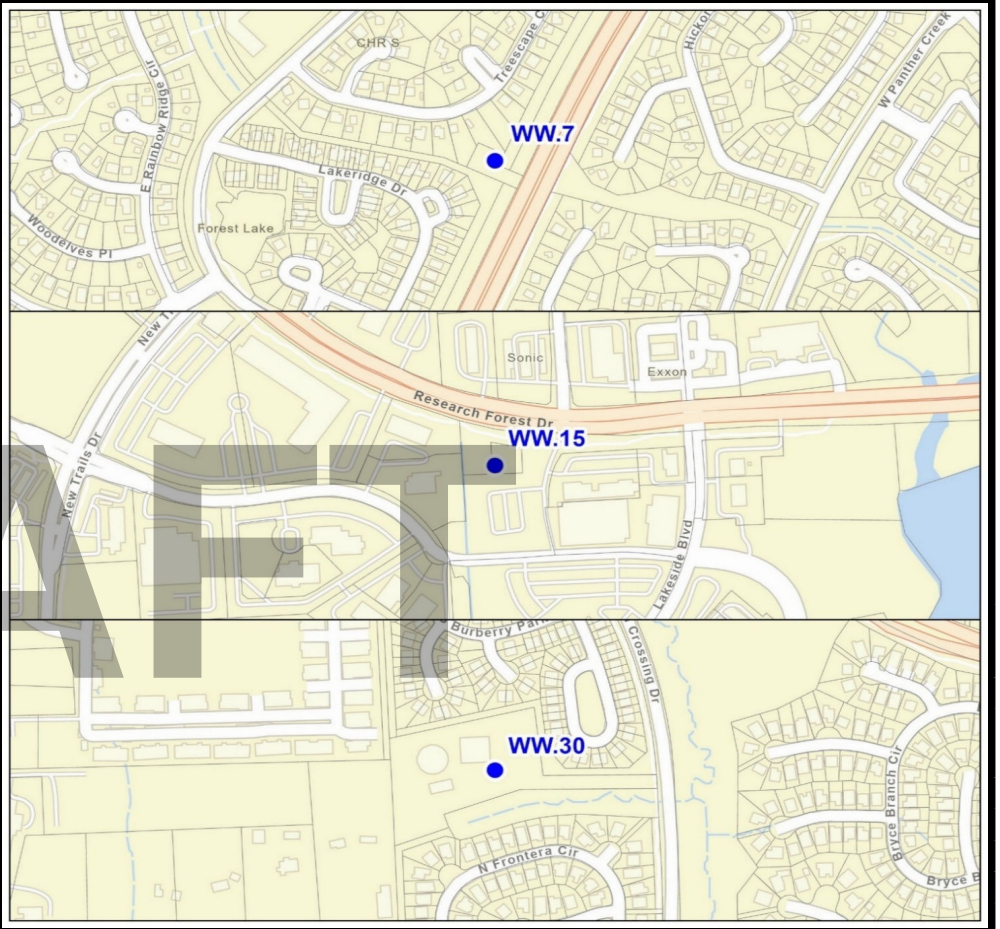
Water Well Nos. 7, 15 and 30 are currently out-of-service due to a significant loss of pumping capability. Water Well Nos. 7, 15 and 30 showed indications of significant production decline and mechanical issues in June 2024, March 2025 and January 2024 respectively. At that time, the pumping production fell below 250 gpm (the well pumps are designed to produce 1,500 GPM, 1,600 GPM and 800 GPM respectively) and was subsequently shut-off. Due to the failure of the well pumps, all three wells will be rehabilitated and their pumping equipment replaced.

For all three wells, the pumping equipment will be removed and inspected, and the a video of the well will be performed to identify well rehabilitation needs. The project will include replacement of pump and well equipment; wire brushing the well screen section; and jetting out and removing fill material from the bottom of the well. Since the Water Well No. 7 pumping equipment will be replaced, the new well pump will be placed 50 feet lower per the recommendations of the master plan. No increase in well capacity is planned.

Water Well No. 7 - Jasper Aquifer; Design GPM: 1,500; Last Rehab: 2010; Current GPM: 0
Status: Out-of-Service (June 2024)
Water Well No. 15 - Jasper Aquifer; Design GPM: 1,600; Last Rehab: 2014: Current GPM: 0
Status: Out-of-Service (March 2025)
Water Well No. 30 - Evangeline Aquifer; Design GPM: 800; Last Rehab: 2008: Current GPM: 0
Status: Out-of-Service (January 2024)

Costs are based on previous well rehabilitation projects of similar scope, including pump lowering. Budget was reduced from last year as design will be done in-house.

PROJECT MAP/PICTURE



BUDGET

Original Budget:	$ 1,818,000	Proposed Budget Amendment:	$ (80,000)
Prior FY Approved Amendments:	$ -	Total Proposed Budget:	$ 1,738,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	In-House	☑ CSP	☐ O&M
PSA/WO Issued:	In-House	☐ QUOTES	☐ BONDS
Final Proposal Docs:	FY 2026 - Q4	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2027 - Q1	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2027 - Q1		☐ OTHER
Substantial Completion:	FY 2027 - Q4		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 1,655,000	$ -	$ 1,655,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 83,000	$ -	$ 83,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,738,000	$ -	$ 1,738,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water Facility Painting and Coating	WAFPAC	2027-2036	The Woodlands

PROJECT DESCRIPTION

Painting and coating of above ground water system components is performed on an on-going basis to ensure protection against corrosion such as rust, to maintain aesthetics, and maintain compliance with TCEQ regulation 30 TAC 290.46(m). All water system components are reviewed annually and a priority list is developed that is used to select the assets that need painting or coating each fiscal year.

SJRA utilizes its painting and coating specifications to formally advertise the project and procure the services of the best value contractor. Painting and coating activities can include removal all existing paint or coating material, priming the asset, and painting or coating the asset with a material that will protect the asset and has a pleasant aesthetic appearance.

PROJECT MAP/PICTURE

BUDGET

Original Budget:	$ -	Proposed Budget Amendment:	$ -
Prior FY Approved Amendments:	$ -	Total Proposed Budget:	$ 711,000

PROJECT SCHEDULE

Final Proposal Docs:	As Needed
Proposals/Bids Received:	As Needed
Constr. Contract to Board:	As Needed
Substantial Completion:	As Needed

DELIVERY	FUNDING
☐ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☐ PROFESSIONAL	☑ R&R
☑ OTHER	☐ GRANTS
RFP	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 711,000	$ -	$ 62,000	$ 64,000	$ 66,000	$ 68,000	$ 70,000	$ 72,000	$ 74,000	$ 76,000	$ 78,000	$ 81,000
CPS, CM&I, and CMT	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 711,000	$ -	$ 62,000	$ 64,000	$ 66,000	$ 68,000	$ 70,000	$ 72,000	$ 74,000	$ 76,000	$ 78,000	$ 81,000

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water System Isolation Valves	WAVALV	2027-2036	The Woodlands

PROJECT DESCRIPTION

The SJRA Woodlands Division wholesale water system contains approximately 1,700 isolation valves. These valves are exercised and evaluated every two years to verify location, functionality, and condition. During these reviews, the isolation valves are turned to restrict flow and isolate a water line from service. If the isolation valve functions properly, no water is allowed to pass the valve. If water does pass the valve during an isolation test, the valve is exercised to include multiple open and close scenarios to remove any build-up on the valve. If water still passes by in the isolated position, the valve needs to be replaced. If a valve needs to be replaced, and is under a roadway or sidewalk, the valve will be replaced in a new location outside the pavement.

Historically, the field verifications have resulted in approximately 10 valves needing replacement. This project will fund the replacement of an average of 10 valves a year starting in FY2027.

PROJECT MAP/PICTURE

BUDGET

Original Budget:	$ -	Proposed Budget Amendment:	$ -
Prior FY Approved Amendments:	$ -	Total Proposed Budget:	$ 1,151,000

PROJECT SCHEDULE

Final Proposal Docs:	As Needed
Proposals/Bids Received:	As Needed
Constr. Contract to Board:	As Needed
Substantial Completion:	As Needed

DELIVERY	FUNDING
☐ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☐ PROFESSIONAL	☑ R&R
☑ OTHER	☐ GRANTS
RF Quotes	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 1,151,000	$ -	$ 100,000	$ 103,000	$ 107,000	$ 110,000	$ 113,000	$ 116,000	$ 120,000	$ 124,000	$ 127,000	$ 131,000
CPS, CM&I, and CMT	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,151,000	$ -	$ 100,000	$ 103,000	$ 107,000	$ 110,000	$ 113,000	$ 116,000	$ 120,000	$ 124,000	$ 127,000	$ 131,000

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water Well Nos. 19 and 27 Rehabilitation	WA27WR	2027-2028	The Woodlands

PROJECT DESCRIPTION

Water Well Nos. 19 and 27 have been identified for this project to have well rehabilitation performed and pumping equipment replaced. INTERA Incorporated produced a Water Well Master Plan in 2022. Based this master plan schedule, Well Nos. 19 and 27 were identified for rehabilitation and equipment replacement for FY2027-2028. For the two wells, the pumping equipment will be removed and inspected, and the a video of the well will be performed to identify well rehabilitation needs. The project will include replacement of pump and well equipment; wire brushing the well screen section; and jetting out and removing fill material from the bottom of the well. Since the Water Well Nos. 19 and 27 pumping equipment will be replaced, the new well pump will be placed 150 feet and 80 feet lower respectively per the recommendations of the master plan. The motor for Water Well No. 19 will need to be increased from 200 HP to 250 HP. No increase in well capacity is planned.

Water Well No. 19 - Jasper Aquifer; Design GPM: 650; Last Rehab: 2009; Current GPM: 615
Status: In-Service
Water Well No. 27 - Jasper Aquifer; Design GPM: 1,500; Last Rehab: 2011; Current GPM: 1,440
Status: In-Service

Costs are based on previous well rehabilitation projects of similar scope, and pricing to lower the pump. SJRA will install a 250HP motor.

PROJECT MAP/PICTURE

BUDGET

Original Budget:	$ -	Proposed Budget Amendment:	$ -
Prior FY Approved Amendments:	$ -	Total Proposed Budget:	$ 1,396,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2027 - Q1	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2027 - Q1	☐ QUOTES	☐ BONDS
Final Proposal Docs:	FY 2027 - Q3	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2027 - Q4	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2027 - Q4		☐ OTHER
Substantial Completion:	FY 2028 - Q3		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 62,000	$ -	$ 62,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 1,270,000	$ -	$ 276,000	$ 994,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 64,000	$ -	$ 14,000	$ 50,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,396,000	$ -	$ 352,000	$ 1,044,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

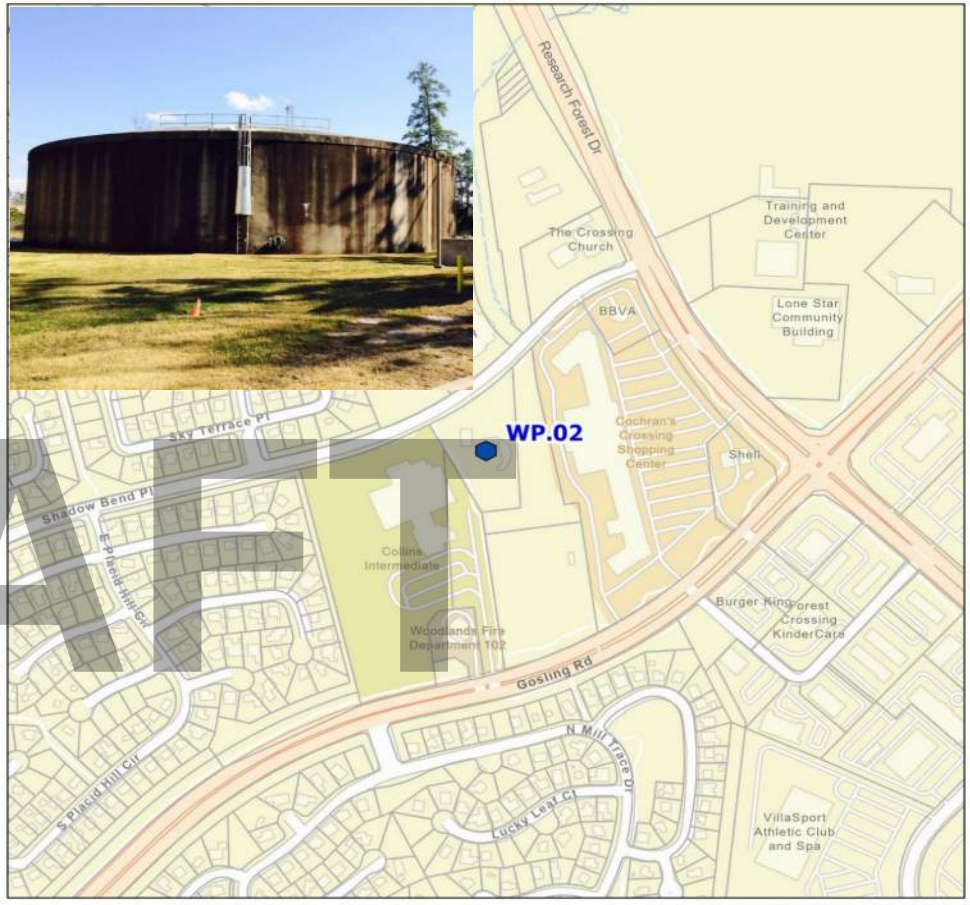
PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water Plant 2 Ground Storage Tank Study	*WAP2GS*	2028	The Woodlands

PROJECT DESCRIPTION

Ground Storage Tank 1 (GST No. 1) at Water Plant 2 is a concrete storage tank with a capacity of 2.0 million gallons (MG), and was originally constructed in 1982. In 2017, structural deficiencies such as cracks in the concrete roof, efflorescence and leakage were identified during an annual inspection. Repairs were made at that time to maintain the service life of the tank and no additional issues have been identified. However, a follow-up study to understand the overall structural integrity of the tank has not been conducted since 2017. The typical useful life for concrete ground storage tanks storing potable water is 50 years, which for GST No. 1 will occur in 2032. For planning purposes, a project has been developed to begin design and replacement of the tank in 2029 with completion in 2031. However, prior to doing so, this project will provide for a comprehensive structural analysis to determine the tank's long-term viability, determine if and when the tank needs to be replaced, and provide a cost-benefit analysis of continued maintenance and repair versus replacement in the next 10 years.

The comprehensive structural analysis may encompass both destructive and non-destructive testing as is recommended by the selected structural consultant.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 166,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2028
PSA/WO Issued:	FY 2028
Study Completion:	FY 2028

DELIVERY	FUNDING
☐ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☑ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 166,000	$ -	$ -	$ 166,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 166,000	$ -	$ -	$ 166,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water Well Nos. 8, 20 and 29 Rehabilitation	WA28WR	2028-2029	The Woodlands

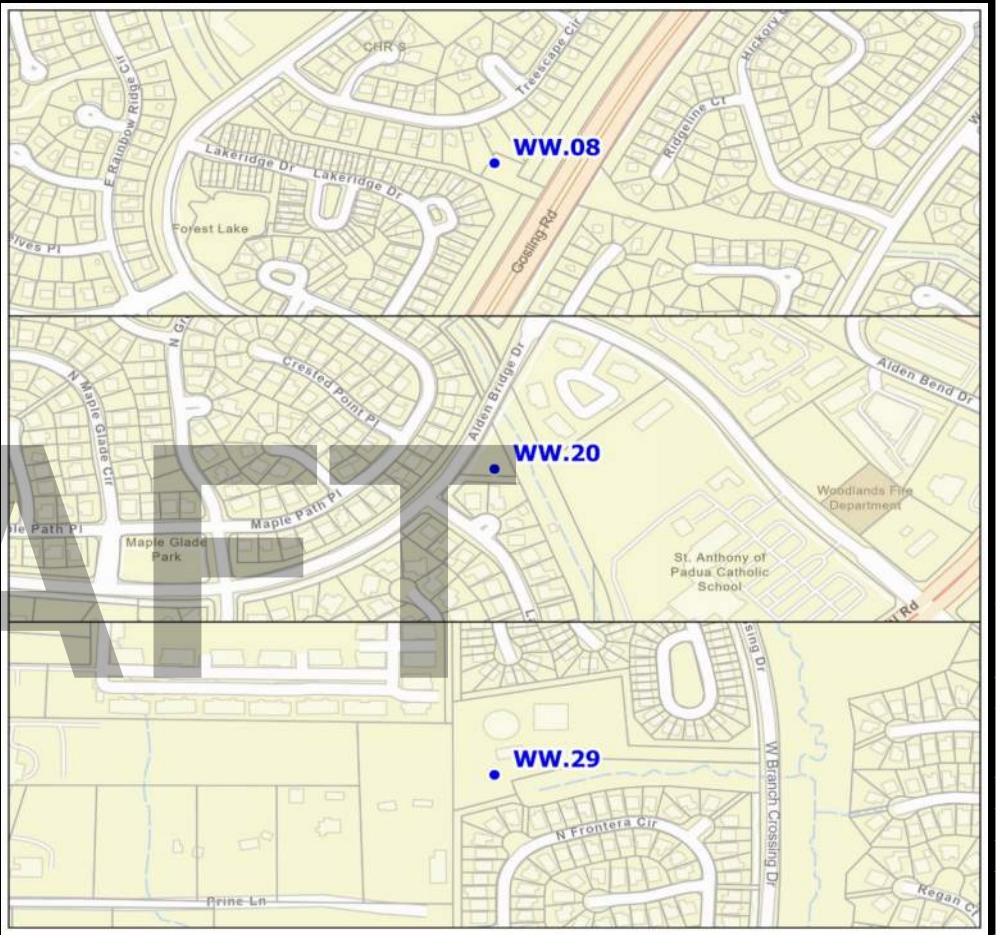
PROJECT DESCRIPTION

Water Well Nos. 8, 20 and 29 have been identified for this project to have well rehabilitation performed and pumping equipment replaced. INTERA Incorporated produced a Water Well Master Plan in 2022. Based this master plan schedule, Well Nos. 8, 20 and 29 were identified for rehabilitation and equipment replacement for FY2028-2029. For all three wells, the pumping equipment will be removed and inspected, and the a video of the well will be performed to identify well rehabilitation needs. The project will include replacement of pump and well equipment; wire brushing the well screen section; and jetting out and removing fill material from the bottom of the well. Since the Water Well No. 29 pumping equipment will be replaced, the new well pump will be placed 100 feet lower per the recommendations of the master plan. No increase in well capacity is planned.

Water Well No. 8 - Evangeline Aquifer; Design GPM: 800; Last Rehab: 2010; Current GPM: 810
Status: In-Service
Water Well No. 20 - Evangeline Aquifer; Design GPM: 1,100; Last Rehab: 2012; Current GPM: 1,200
Status: In-Service
Water Well No. 29 - Jasper Aquifer; Design GPM: 2,000; Last Rehab: 2011; Current GPM: 2,000
Status: In-Service

Costs are based on previous well rehabilitation projects of similar scope, including lowering the well pump.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 2,136,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2028	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2028	☐ QUOTES	☐ BONDS
Final Proposal Docs:	FY 2028	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2028	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2028		☐ OTHER
Substantial Completion:	FY 2029		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 176,000	$ -	$ -	$ 176,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 1,782,000	$ -	$ -	$ 878,000	$ 904,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 178,000	$ -	$ -	$ 88,000	$ 90,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 2,136,000	$ -	$ -	$ 1,142,000	$ 994,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -

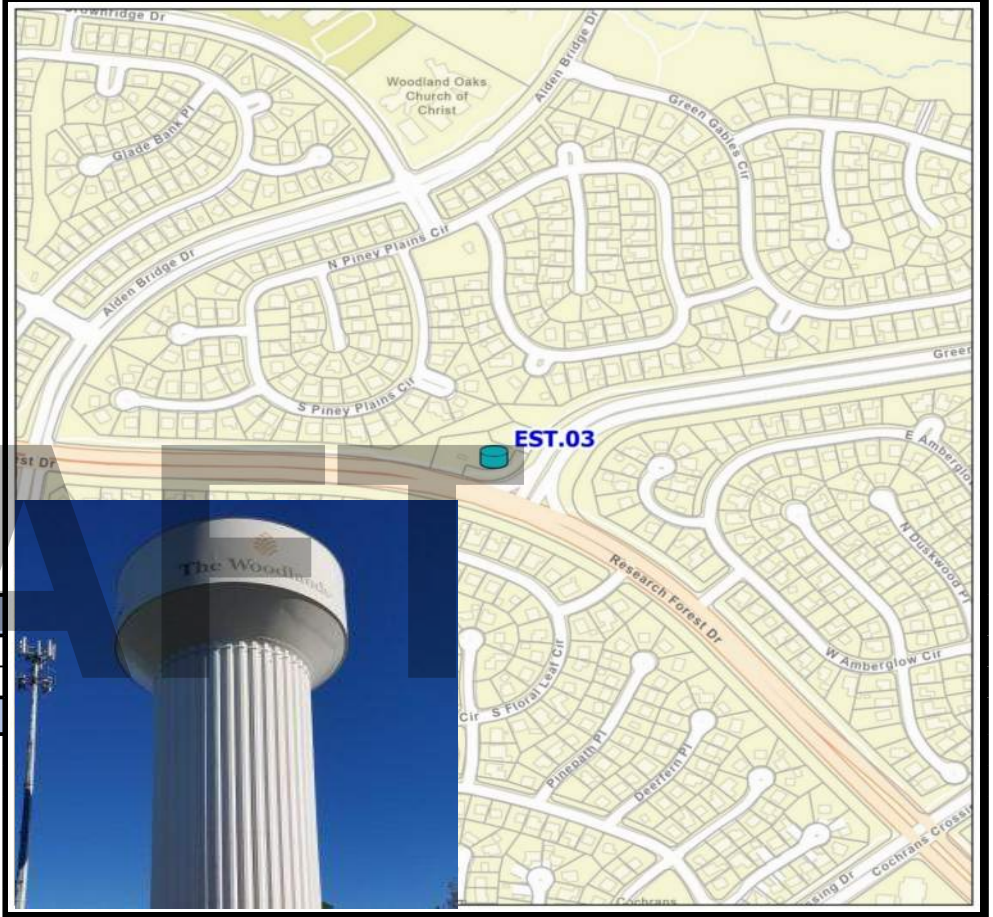
PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Elevated Storage Tank No. 3 Rehabilitation	WAET3R	2029-2030	The Woodlands

PROJECT DESCRIPTION

Elevated Storage Tank No. 3 is a 750,000 gallon tank and was constructed in 1990. Based on an engineering report completed in 2013, the exterior and interior coating systems were replaced in 2017. A follow-up third-party inspection of the tank was completed in FY2026 which identified the project prioritization and scope for any additional rehabilitation work, and provided updated construction costs. Anticipated rehabilitation of the tank includes recoating of the tank exterior and interior surfaces for maintenance and to continue to protect the exterior and interior from corrosion. Additionally, modifications may be identified and installed for the future installation of water re-circulation equipment.

To protect the metal structure from corrosion and to extend the useful life of the tank, periodic protective coating system replacement is required. The epoxy interior coating systems are anticipated to meet their protective value in about 12-15 years and require system replacement in order to continue to provide adequate corrosion protection. The useful life of the fluoropolymer exterior coating is expected to be 10-12 years.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 2,107,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2029
PSA/WO Issued:	FY 2029
Final Proposal Docs:	FY 2029
Proposals/Bids Received:	FY 2029
Constr. Contract to Board:	FY 2029
Substantial Completion:	FY 2030

DELIVERY	FUNDING
☑ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☐ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 86,000	$ -	$ -	$ 86,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 86,000	$ -	$ -	$ 86,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 1,759,000	$ -	$ -	$ 171,000	$ 1,588,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 176,000	$ -	$ -	$ 17,000	$ 159,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 2,107,000	$ -	$ -	$ 360,000	$ 1,747,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water System Backup Power Assessment	*WABPAS*	2029	The Woodlands

PROJECT DESCRIPTION

In the SJRA Woodlands Division, automated backup power systems and manual auxiliary engines provide backup power to ground water wells during power outages. This is necessary as groundwater is still considered the primary water source for The Woodlands with surface water considered a supplemental source. Currently, backup power at off-site (non-water plant) well locations and wells at elevated storage tank sites (EST) is provided by natural gas auxiliary engines (except EST No. 5), which are connected to water wells via a right-angle gear connection. The engine and the right-angle gear connection have to be manually started and engaged during a power outage, and will only operate the well to which it is connected. Most of the existing engines are over 30 years of age with several over 40 years of age. Due to the age of this equipment, parts are becoming scarce, resulting in prolonged downtime for repairs.

The SJRA Woodlands Division plans to initiate a program beginning in 2030 to replace existing auxiliary engines at water well sites with standby generators at 12 sites. Replacing the existing auxiliary engines with generators allows for either water well on the site to be powered, and generators to operate automatically in a power outage. Prior to starting these replacements, the SJRA Woodlands Division will undertake a Water System Backup Power Assessment to review the current backup power strategy and identify water well sites with the most critical backup power needs to ensure TCEQ backup power requirements will be met. This will allow for the prioritization of well sites to received replacement systems in the most efficient means to replace end of life backup power assets with either automated or manual backup power options.

It is envisioned that this assessment with encompass the entire SJRA Woodlands Division water system along with current and future water demand projections.

PROJECT MAP/PICTURE

BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 227,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2029
PSA/WO Issued:	FY 2029
Assessment Completion:	FY 2029

DELIVERY	FUNDING
☐ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☑ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 227,000	$ -	$ -	$ -	$ 227,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 227,000	$ -	$ -	$ -	$ 227,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water Well Nos. 10, 16 and 35 Rehabilitation	WA29WR	2029-2030	The Woodlands

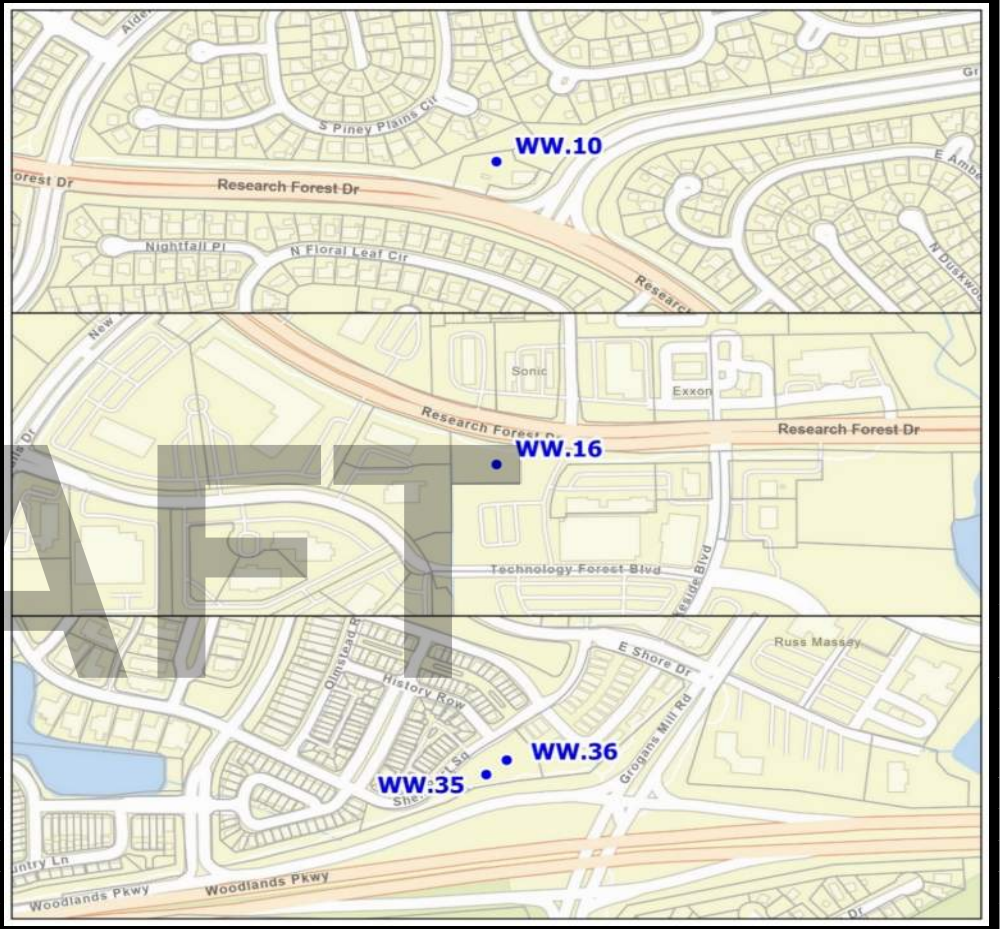
PROJECT DESCRIPTION

Water Well Nos. 10, 16 and 35 have been identified for this project to have well rehabilitation performed and pumping equipment replaced. INTERA Incorporated produced a Water Well Master Plan in 2022. Based this master plan schedule, Well Nos. 10, 16 and 35 were identified for rehabilitation and equipment replacement for FY2029-2030. For all three wells, the pumping equipment will be removed and inspected, and the a video of the well will be performed to identify well rehabilitation needs. The project will include replacement of pump and well equipment; wire brushing the well screen section; and jetting out and removing fill material from the bottom of the well. Since the Water Well No. 35 pumping equipment will be replaced, the new well pump will be placed 100 feet lower per recommendations of the master plan. As a result, the motor on Water Well No. 35 will have to be increased from 400 HP to 450 HP. No increase in well capacity is planned.

Water Well No. 10 - Evangeline Aquifer; Design GPM: 800; Last Rehab: 2012; Current GPM: 686
Status: In-Service
Water Well No. 16 - Evangeline Aquifer; Design GPM: 1,000; Last Rehab: 2011; Current GPM: 1,052
Status: In-Service
Water Well No. 35 - Jasper Aquifer; Design GPM: 1,700; Installed: 2011; Current GPM: 1,790

Costs are based on previous well rehabilitation projects of similar scope, pump lowering and pricing to replace the well motors.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 2,133,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2029	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2029	☐ QUOTES	☐ BONDS
Final Proposal Docs:	FY 2029	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2029	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2029		☐ OTHER
Substantial Completion:	FY 2030		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 95,000	$ -	$ -	$ -	$ 95,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 1,941,000	$ -	$ -	$ -	$ 585,000	$ 1,356,000	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 97,000	$ -	$ -	$ -	$ 29,000	$ 68,000	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 2,133,000	$ -	$ -	$ -	$ 709,000	$ 1,424,000	$ -	$ -	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Well Capacity, Rehabilitation and Condition Assessment	*WAWWRC*	2030	The Woodlands

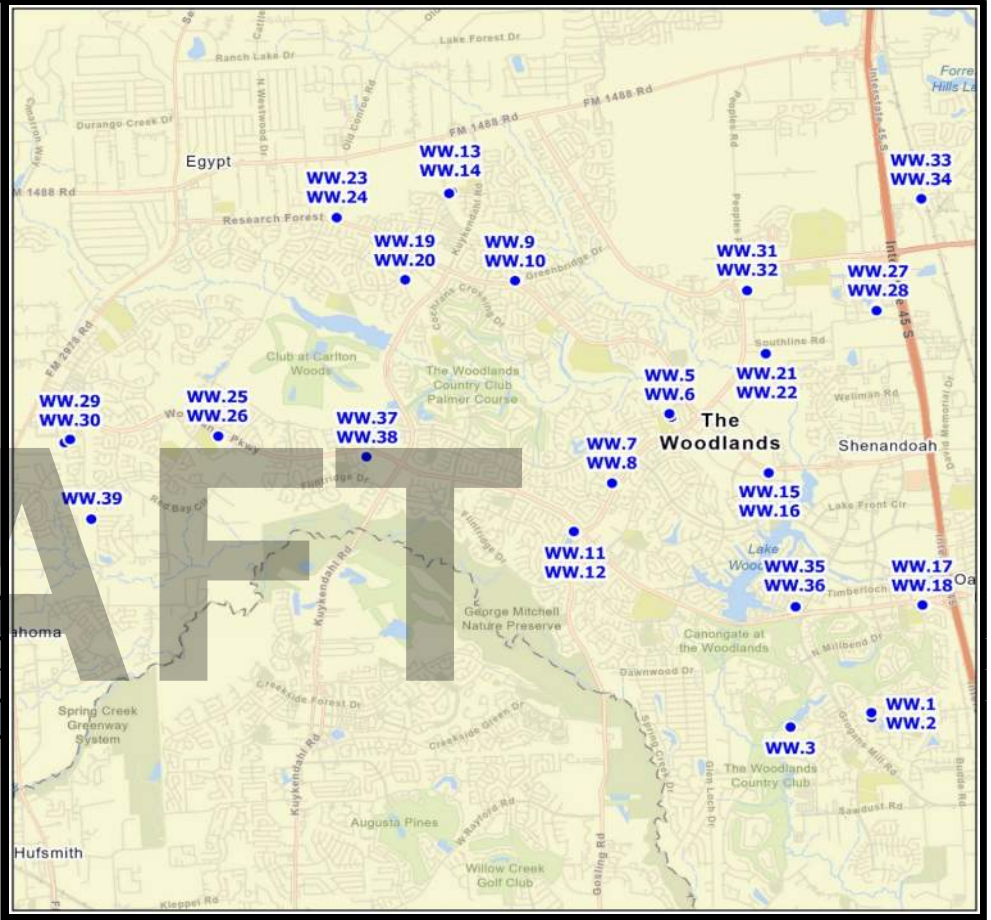
PROJECT DESCRIPTION

The San Jacinto River Authority Woodlands Division water production system contains 37 groundwater wells that are capable of producing 60 MGD at design flows. The earliest wells were installed in 1975 and have been in operation since with rehabilitations every 12-15 years. The average service life for a groundwater well is 50 years with some wells reaching the end of their service life before 50 years and some after. Also, the SJRA Woodlands Division has been receiving surface water delivery from the SJRA GRP Division since 2015, however the surface water flow is considered supplemental and is not a guaranteed source of water. To ensure the most effective and efficient use of funds and maintain high quality, reliable, and affordable water service to the 11 MUDs within the SJRA service area, SJRA rehabilitates wells every year. These rehabilitations are conducted to restore the service life of the pumping components and ensure an adequate submergence in the aquifer.

In 2022, SJRA contracted with Intera, LLC to conduct a 20-year Groundwater Well Master Plan. This study mainly focused on well submergence and future aquifer level declines. Although the 20-year Groundwater Master Plan did discuss and study groundwater well rehabilitation, abandonment, and replacement, the main focus was on the hydrogeological effects of groundwater decline as a means to identify the future need to lower well pumps where possible and plan for replacement of groundwater wells where future lowering is not possible.

This project has been developed to review and update the hydrogeological efforts, planning for groundwater well rehabilitation, abandonment, and replacement that were studied in 2022 for a 10-year period instead of 20 years. An addition to this assessment will be the review of groundwater well design capacity in comparison to TCEQ regulations, projected water usage in The Woodlands, and viability of reducing the number of operable groundwater wells.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 293,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2030
PSA/WO Issued:	FY 2030
Assessment Completion:	FY 2030

DELIVERY	FUNDING
☐ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☑ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 293,000	$ -	$ -	$ -	$ -	$ 293,000	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 293,000	$ -	$ -	$ -	$ -	$ 293,000	$ -	$ -	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water Well Electrical and Control System Assessment	*WAWWES*	2030	The Woodlands

PROJECT DESCRIPTION

The San Jacinto River Authority (SJRA) Woodlands Division operates and maintains 37 groundwater wells in The Woodlands, Texas in Montgomery County to provide potable water to customers within the Division's service area. Even though surface water was introduced in September 2015, groundwater is still considered the primary source of water in this area, and therefore, the SJRA maintains groundwater production capability to serve its entire service area if surface water were not available.

Out of the 37 wells, 27 of them are located at either a elevated storage tank site (3 sites) or at sites only with wells (11 sites). The electrical and control systems at these sites range from approximately 1990 to 2015. By 2030, the oldest system will be approximately 40 years old, and although continuously maintained, requires a thorough assessment to plan for potential replacement. Any system replacement projects will be planned as a separate project following this assessment.

PROJECT MAP/PICTURE

BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 234,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2030
PSA/WO Issued:	FY 2030
Assessment Completion:	FY 2030

DELIVERY	FUNDING
☐ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☑ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 234,000	$ -	$ -	$ -	$ -	$ 234,000	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 234,000	$ -	$ -	$ -	$ -	$ 234,000	$ -	$ -	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water Well Nos. 18 and 36 Rehabilitation	WA30WR	2030-2031	The Woodlands

PROJECT DESCRIPTION

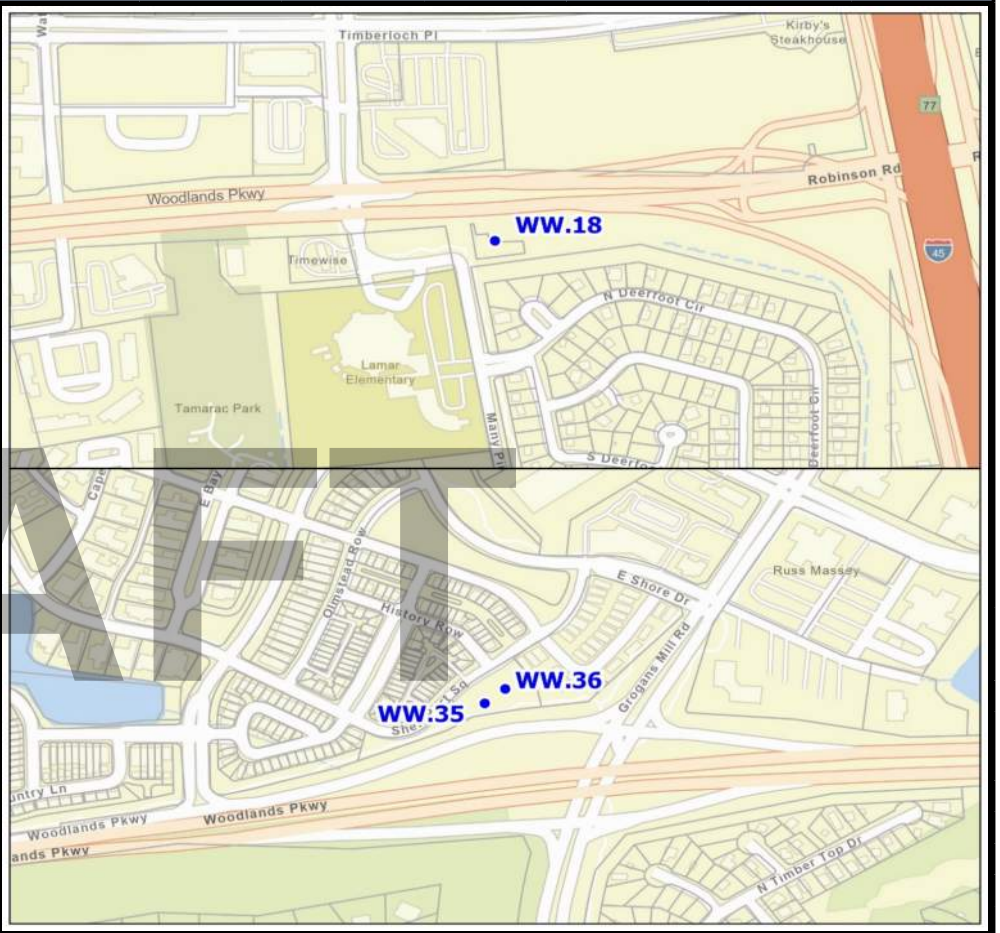
Water Well Nos. 18 and 36 have been identified for this project to have well rehabilitation performed and pumping equipment replaced. INTERA Incorporated produced a Water Well Master Plan in 2022. Based this master plan schedule, Well Nos. 18 and 36 were identified for rehabilitation and equipment replacement for FY2030-2031. For the two wells, the pumping equipment will be removed and inspected, and the a video of the well will be performed to identify well rehabilitation needs. The project will include replacement of pump and well equipment; wire brushing the well screen section; and jetting out and removing fill material from the bottom of the well. No pump lowering or increase in well capacity is planned.

Water Well No. 18 - Evangeline Aquifer; Design GPM: 900; Last Rehab: 2012; Current GPM: 895
Status: In-Service
Water Well No. 36 - Evangeline Aquifer; Design GPM: 950; Installed: 2011; Current GPM: 1,040
Status: In-Service

Costs are based on previous well rehabilitation projects of similar scope.

An update to the 20-Year Water Well Master Plan completed in 2022 is anticipated to be completed by 2030. This could identify change in post-2030 well rehabilitation needs and schedules, as well as determine if additional well lowering is necessary to maintain required groundwater capacity.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 1,184,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2030
PSA/WO Issued:	FY 2030
Final Proposal Docs:	FY 2030
Proposals/Bids Received:	FY 2030
Constr. Contract to Board:	FY 2031
Substantial Completion:	FY 2031

DELIVERY	FUNDING
☑ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☐ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 53,000	$ -	$ -	$ -	$ -	$ 53,000	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 1,077,000	$ -	$ -	$ -	$ -	$ 301,000	$ 776,000	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 54,000	$ -	$ -	$ -	$ -	$ 15,000	$ 39,000	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,184,000	$ -	$ -	$ -	$ -	$ 369,000	$ 815,000	$ -	$ -	$ -	$ -	$ -

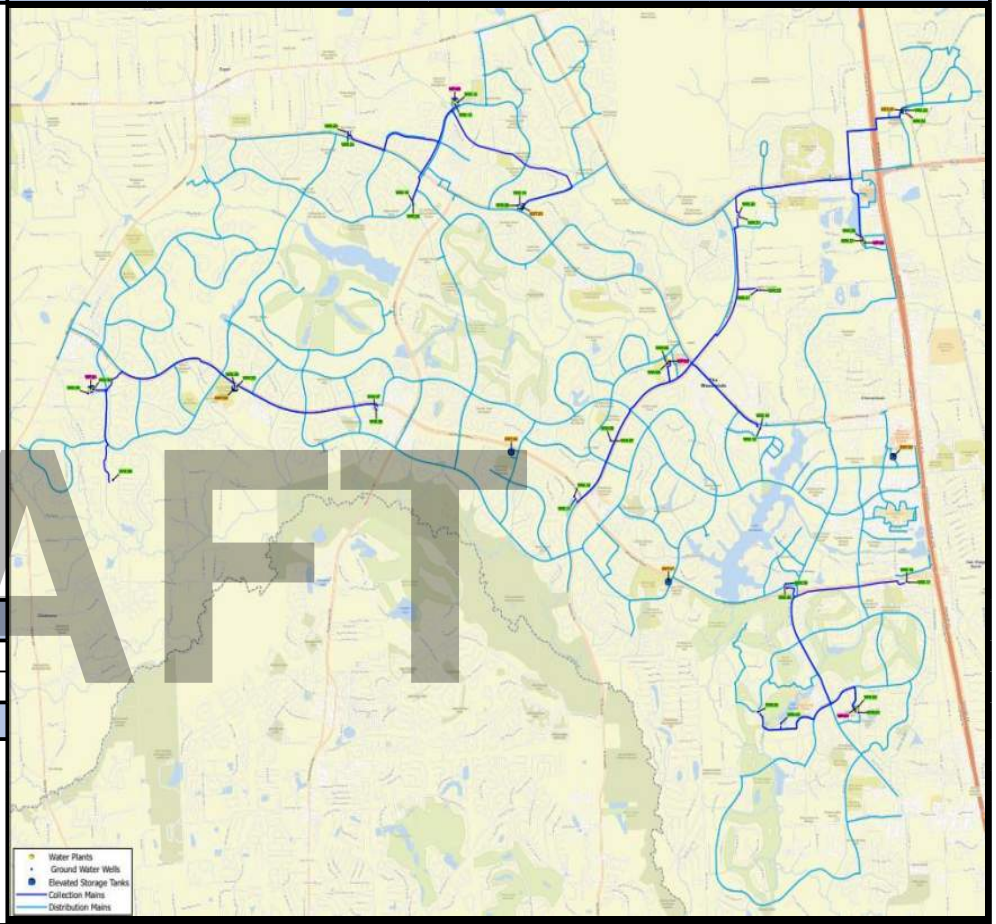
PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water Line Condition Assessment	*WAWLCA*	2030-2031	The Woodlands

PROJECT DESCRIPTION

The SJRA Woodlands Division owns, operates, and maintains over 121 miles of water lines 12-inches in diameter and larger, of which the oldest lines were installed in 1973. A Water Line Condition Assessment was conducted in 2024 - 2025 to identify the priority water system water lines to replace. The study performed from 2024 to 2025 identified the need for 7 replacement projects over a 10-year period. From these 7 identified projects, the Woodlands MUDs authorized the design and replacement of 2 of those projects.

This study was developed to re-assess condition of the remaining water lines within the SJRA Woodlands water system and identify a replacement strategy for the next 5-year replacement period. The consultant will use a strategy to determine the remaining useful life which would include tabletop analysis of existing data (including break data), previous studies and reports, data collection, field and laboratory testing, and engineering analysis. This will lead to a prioritization of water line replacement by location and include a replacement schedule and estimate of cost for replacement. The budget includes the study, destructive and non-destructive testing, and the work to access the water line for samples and non-destructive testing access.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 1,574,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2030
PSA/WO Issued:	FY 2030
Assessment Completion:	FY 2031

DELIVERY	FUNDING
☐ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☑ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 1,574,000	$ -	$ -	$ -	$ -	$ 775,000	$ 799,000	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,574,000	$ -	$ -	$ -	$ -	$ 775,000	$ 799,000	$ -	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Elevated Storage Tank No. 5 Rehabilitation	WAET5R	2027-2028	The Woodlands

PROJECT DESCRIPTION

Elevated Storage Tank No. 5 is a 1,000,000 gallon tank and was constructed in 2000. Based on an engineering report completed in 2013, the exterior and interior coating systems were replaced in 2015. A follow-up third-party inspection of the tank was completed in FY2026 which identified the project prioritization and scope for any additional rehabilitation work, and provided updated construction costs. Anticipated rehabilitation of the tank includes recoating of the tank exterior and interior surfaces for maintenance and to continue to protect the exterior and interior from corrosion. Additionally, modifications may be identified and installed for the future installation of water re-circulation equipment.

To protect the metal structure from corrosion and to extend the useful life of the tank, periodic protective coating system replacement is required. The epoxy interior coating systems are anticipated to meet their protective value in about 12-15 years and require system replacement in order to continue to provide adequate corrosion protection. The useful life of the fluoropolymer exterior coating is expected to be 10-12 years.

PROJECT MAP/PICTURE

BUDGET

Original Budget:	$ -	Proposed Budget Amendment:	$ -
Prior FY Approved Amendments:	$ -	Total Proposed Budget:	$ 1,410,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2027 - Q1
PSA/WO Issued:	FY 2027 - Q1
Final Proposal Docs:	FY 2027 - Q3
Proposals/Bids Received:	FY 2027 - Q4
Constr. Contract to Board:	FY 2027 - Q4
Substantial Completion:	FY 2028 - Q3

DELIVERY	FUNDING
☑ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☐ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 57,000	$ -	$ -	$ -	$ -	$ 57,000	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 57,000	$ -	$ -	$ -	$ -	$ 57,000	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 1,179,000	$ -	$ -	$ -	$ -	$ 115,000	$ 1,064,000	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 117,000	$ -	$ -	$ -	$ -	$ 11,000	$ 106,000	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,410,000	$ -	$ -	$ -	$ -	$ 240,000	$ 1,170,000	$ -	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water Well Site Generator - Project 1	WA1WGN	2030-2032	The Woodlands

PROJECT DESCRIPTION

The San Jacinto River Authority (SJRA) Woodlands Division owns and operates thirty-seven (37) groundwater wells. The groundwater produced by these wells is conveyed to the five (5) water plants where it is mixed with surface water, chlorinated, and pumped into the distribution system.

As surface water is considered a supplemental source, the Woodlands Division must have the ability to produce sufficient groundwater to provide the needs of The Woodlands if surface water is not available to comply with TCEQ regulations. Automated standby power is the solution during power outages.

Backup power at off-site (non-water plant) well locations and wells at elevated storage tank sites (EST) is provided by natural gas auxiliary engines (except EST No. 5), which are connected to water wells via a right-angle gear connection. This right-angle gear connection is manually engaged during a power outage to operate only the well it is connected to. Most of the existing engines are over 30 years of age with several over 40 years of age. Due to the age of this equipment, parts are becoming scarce, and issues are taking longer to be repaired. Replacing the existing auxiliary engines with generators allows for either water well on the site to be powered, generators to operate automatically in a power outage, and parts to be readily available. A study is scheduled for 2029 to evaluate backup power needs for each water well site and recommend a schedule for generator installation.

This project will install one generator at a well site, which has to be sized to run the largest well at the site. Costs were based on a previous installation costs at other SJRA facilities of the approximate generator size needed for running one 450 HP well motor which is 600 kW. It is anticipated the generator will be pre-purchased in advance of construction.

PROJECT MAP/PICTURE

BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 1,702,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2030	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2030	☐ QUOTES	☐ BONDS
Final Proposal Docs:	FY 2030	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2030	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2031		☐ OTHER
Substantial Completion:	FY 2032		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 65,000	$ -	$ -	$ -	$ -	$ 65,000	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 130,000	$ -	$ -	$ -	$ -	$ 97,000	$ 33,000	$ -	$ -	$ -	$ -	$ -
Construction	$ 996,000	$ -	$ -	$ -	$ -	$ -	$ 643,000	$ 353,000	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 138,000	$ -	$ -	$ -	$ -	$ -	$ 103,000	$ 35,000	$ -	$ -	$ -	$ -
Land Acquisition	$ 373,000	$ -	$ -	$ -	$ -	$ 373,000	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,702,000	$ -	$ -	$ -	$ -	$ 535,000	$ 779,000	$ 388,000	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water Well Nos. 9 and 14 Rehabilitation	WA31WR	2031-2032	The Woodlands

PROJECT DESCRIPTION

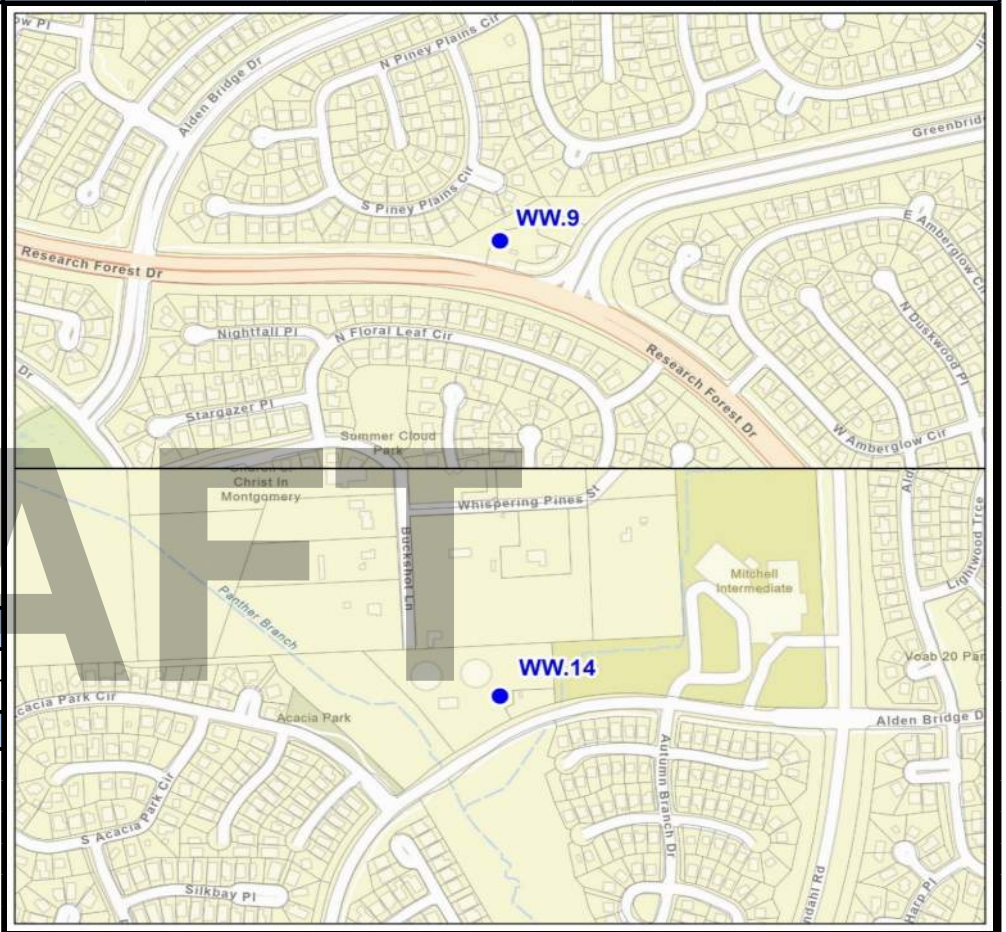
Water Well Nos. 9 and 14 have been identified for this project to have well rehabilitation performed and pumping equipment replaced. INTERA Incorporated produced a Water Well Master Plan in 2022. Based this master plan schedule, Well Nos. 9 and 14 were identified for rehabilitation and equipment replacement for FY2031-2032. For the two wells, the pumping equipment will be removed and inspected, and the a video of the well will be performed to identify well rehabilitation needs. The project will include replacement of pump and well equipment; wire brushing the well screen section; and jetting out and removing fill material from the bottom of the well. Since the Water Well No. 9 pumping equipment will be replaced, the new well pump will be placed 100 feet lower per recommendations of the master plan. No increase in well capacity is planned.

Water Well No. 9 - Jasper Aquifer; Design GPM: 1,500; Last Rehab: 2011; Current GPM: 1,040
Water Well No. 14 - Evangeline Aquifer; Design GPM: 700; Installed: 2008; Current GPM: 595

Costs are based on previous well rehabilitation projects of similar scope, including lowering the pump.

An update to the 20-Year Water Well Master Plan completed in 2022 is anticipated to be completed by 2030. This could identify change in post-2030 well rehabilitation needs and schedules, as well as determine if additional well lowering is necessary to maintain required groundwater capacity.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 1,742,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2031	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2031	☐ QUOTES	☐ BONDS
Final Proposal Docs:	FY 2031	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2031	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2031		☐ OTHER
Substantial Completion:	FY 2032		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 78,000	$ -	$ -	$ -	$ -	$ -	$ 78,000	$ -	$ -	$ -	$ -	$ -
Construction	$ 1,585,000	$ -	$ -	$ -	$ -	$ -	$ 466,000	$ 1,119,000	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 79,000	$ -	$ -	$ -	$ -	$ -	$ 23,000	$ 56,000	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,742,000	$ -	$ -	$ -	$ -	$ -	$ 567,000	$ 1,175,000	$ -	$ -	$ -	$ -

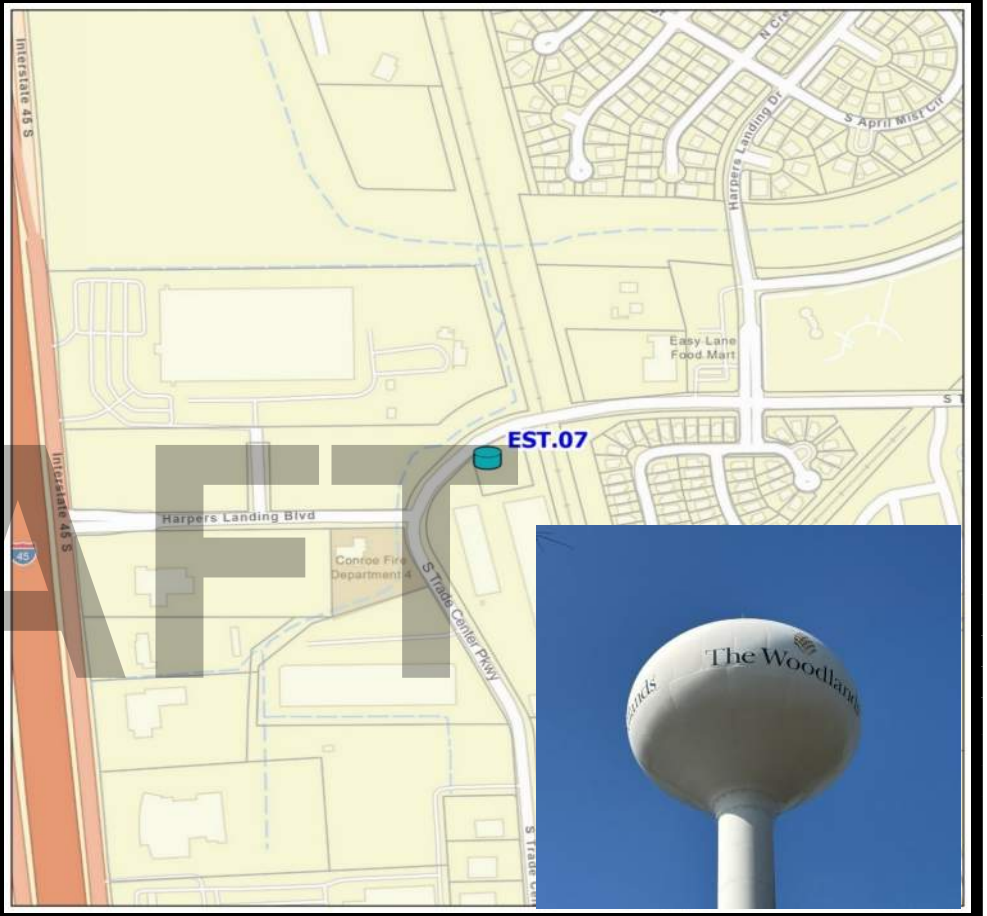
PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Elevated Storage Tank No. 7 Rehabilitation	WAET7R	2028-2029	The Woodlands

PROJECT DESCRIPTION

Elevated Storage Tank No. 7 is a 500,000 gallon tank and was constructed in 1977. Based on an engineering report completed in 2013, the exterior and interior coating systems were replaced in 2016. A follow-up third-party inspection of the tank was completed in FY2026 which identified the project prioritization and scope for any additional rehabilitation work, and provided updated construction costs. Anticipated rehabilitation of the tank includes recoating of the tank exterior and interior surfaces for maintenance and to continue to protect the exterior and interior from corrosion. Additionally, modifications may be identified and installed for the future installation of water re-circulation equipment.

To protect the metal structure from corrosion and to extend the useful life of the tank, periodic protective coating system replacement is required. The epoxy interior coating systems are anticipated to meet their protective value in about 12-15 years and require system replacement in order to continue to provide adequate corrosion protection. The useful life of the fluoropolymer exterior coating is expected to be 10-12 years.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 1,185,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2028
PSA/WO Issued:	FY 2028
Final Proposal Docs:	FY 2028
Proposals/Bids Received:	FY 2028
Constr. Contract to Board:	FY 2028
Substantial Completion:	FY 2029

DELIVERY	FUNDING
☑ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☐ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 48,000	$ -	$ -	$ -	$ -	$ -	$ 48,000	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 48,000	$ -	$ -	$ -	$ -	$ -	$ 48,000	$ -	$ -	$ -	$ -	$ -
Construction	$ 990,000	$ -	$ -	$ -	$ -	$ -	$ 96,000	$ 894,000	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 99,000	$ -	$ -	$ -	$ -	$ -	$ 10,000	$ 89,000	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,185,000	$ -	$ -	$ -	$ -	$ -	$ 202,000	$ 983,000	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water Plant Nos. 1, 2, 3, 4 and 5 Condition Assessment	*WAP15C*	2032-2033	The Woodlands

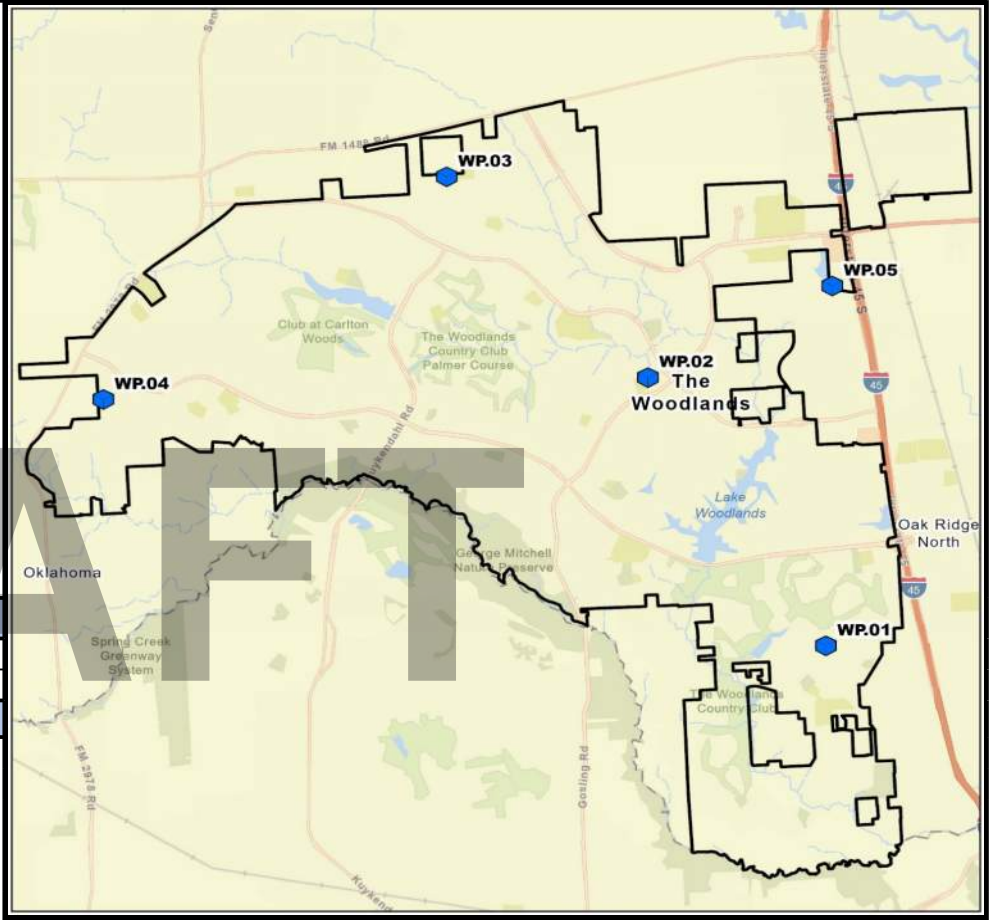
PROJECT DESCRIPTION

The SJRA Woodlands Division operates and maintains five groundwater plants constructed between 1973 and 2008. Each groundwater plant was originally built to receive groundwater from multiple water wells (37 total wells total) within their designated service area, disinfect and store the groundwater in one or two pre-stressed concrete ground storage tanks (GSTs, 9 total), and then utilize multiple booster pumps (23 total) to convey the treated groundwater into the SJRA wholesale system. Since September 2015, each of the five groundwater plants also receives treated surface water via an air-gap into the plants GSTs to blend with the groundwater. Water Plant No. 1 was initially constructed in 1973, Water Plant No. 2 in 1982, Water Plant No. 3 in 1996, and Water Plant Nos. 4 and 5 in 2008.

Over the life of the water plants, maintenance has occurred from large projects to replace a GST (Water Plant No. 1), to replacing the electrical and control systems (Water Plant Nos. 1, 2 and 3) and multiple booster pumps. However, no comprehensive program of renewal of structures, piping systems (above and below ground), chemical feed systems, and mechanical systems has occurred at any of the groundwater plants.

This project will allow for a condition assessment of the facilities, systems and assets at each of the five groundwater plants (except the on-site water wells), which will then result in a maintenance program for renewal of all the groundwater plant items with a scope of maintenance work and/or project(s), schedules for renewal and cost estimates to do the work. Also, the pumping performance will be evaluated to determine if booster pumps and discharge piping are adequate or if modifications need to be made when the booster pumps are replaced.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 2,561,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2032
PSA/WO Issued:	FY 2032
Assessment Completion:	FY 2033

DELIVERY	FUNDING
☐ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☑ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 2,561,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,040,000	$ 1,521,000	$ -	$ -	$ -
Engineering/Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 2,561,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,040,000	$ 1,521,000	$ -	$ -	$ -

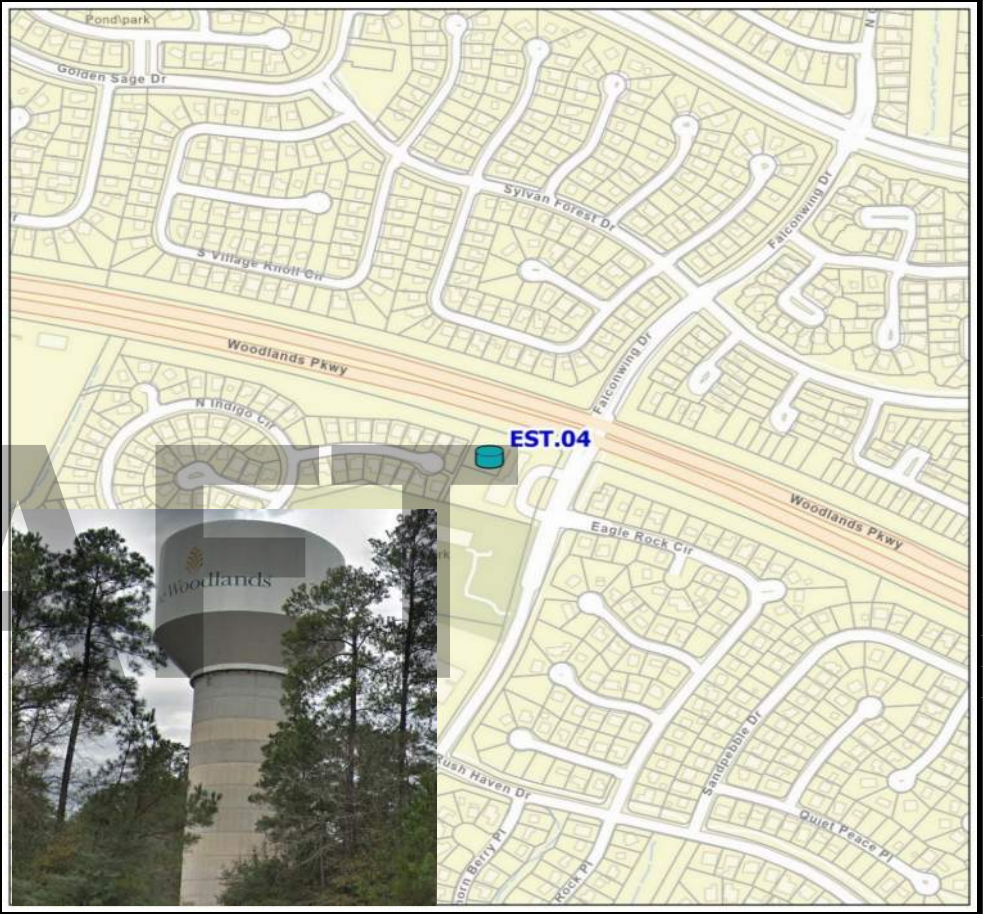
PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Elevated Storage Tank No. 4 Rehabilitation	WAET4R	2030-2031	The Woodlands

PROJECT DESCRIPTION

Elevated Storage Tank No. 4 is a 750,000 gallon tank and was constructed in 1990. Based on an engineering report completed in 2013, the exterior and interior coating systems were replaced in 2017 per the engineer's recommendation. A follow-up third-party inspection of the tank was completed in FY2026 which identified the project prioritization and scope for any additional rehabilitation work, and provided updated construction costs. Anticipated rehabilitation of the tank includes recoating of the tank exterior and interior surfaces for maintenance and to continue to protect the exterior and interior from corrosion. Additionally, modifications may be identified and installed for the future installation of water re-circulation equipment.

To protect the metal structure from corrosion and to extend the useful life of the tank, periodic protective coating system replacement is required. The epoxy interior coating systems are anticipated to meet their protective value in about 12-15 years and require system replacement in order to continue to provide adequate corrosion protection. The useful life of the fluoropolymer exterior coating is expected to be 10-12 years.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 1,267,000

PROJECT SCHEDULE

		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2030	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2030	☐ QUOTES	☐ BONDS
Final Proposal Docs:	FY 2030	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2030	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2030		☐ OTHER
Substantial Completion:	FY 2031		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 52,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 52,000	$ -	$ -	$ -	$ -
Engineering/Design	$ 52,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 52,000	$ -	$ -	$ -	$ -
Construction	$ 1,058,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 103,000	$ 955,000	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 105,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 10,000	$ 95,000	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,267,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 217,000	$ 1,050,000	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water Well Nos. 21, 23 and 38 Rehabilitation	WA32WR	2032-2033	The Woodlands

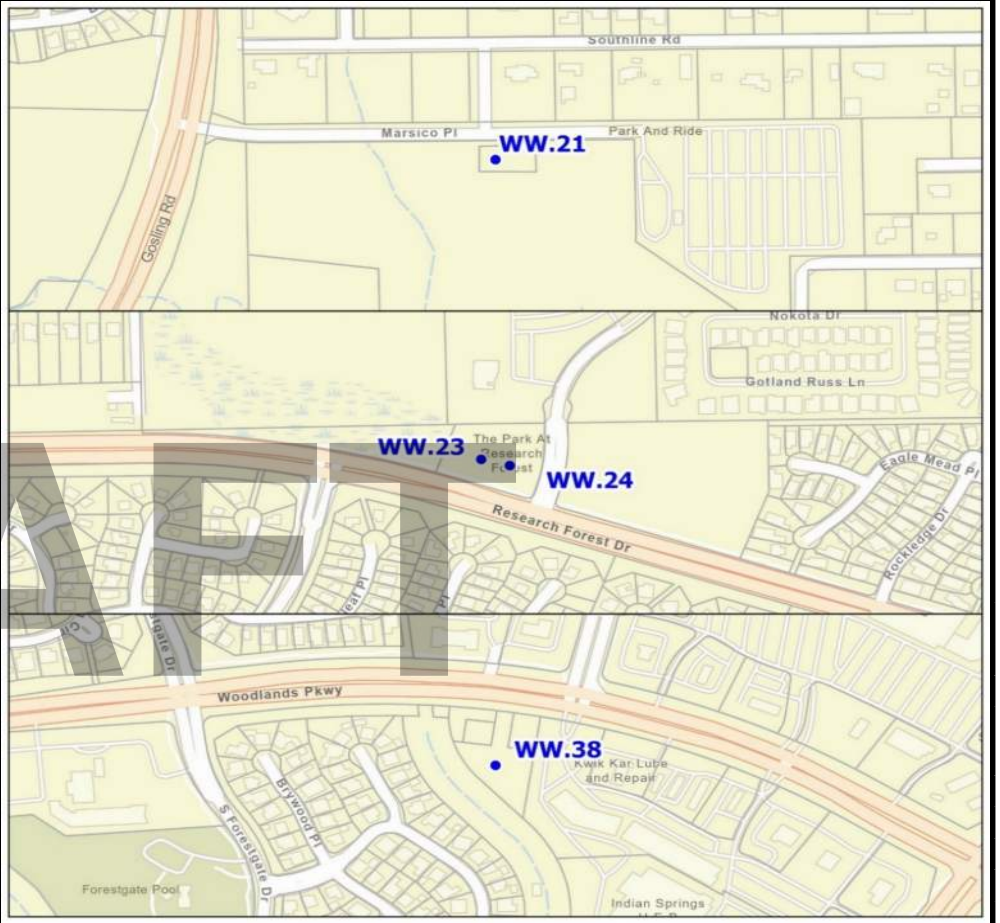
PROJECT DESCRIPTION

Water Well Nos. 21, 23 and 38 have been identified for this project to have well rehabilitation performed and pumping equipment replaced. INTERA Incorporated produced a Water Well Master Plan in 2022. Based this master plan schedule, Well Nos. 21, 23 and 38 were identified for rehabilitation and equipment replacement for FY2032-2033. For all three wells, the pumping equipment will be removed and inspected, and the a video of the well will be performed to identify well rehabilitation needs. The project will include replacement of pump and well equipment; wire brushing the well screen section; and jetting out and removing fill material from the bottom of the well. Since the Water Well No. 21 pumping equipment will be replaced, the new well pump will be placed 50 feet lower per the recommendations of the master plan. No increase in well capacity is planned.

Water Well No. 21 - Jasper Aquifer; Design GPM: 1,600; Last Rehab: 2014; Current GPM: 1,790
Status: In-Service
Water Well No. 23 - Jasper Aquifer; Design GPM: 1,500; Last Rehab: 2021; Current GPM: 1,720
Status: In-Service
Water Well No. 38 - Evangeline Aquifer; Design GPM: 900; Installed: 2006; Current GPM: 1,120
Status: In-Service

Costs are based on previous well rehabilitation projects of similar scope and pricing to lower a well pump.
An update to the 20-Year Water Well Master Plan completed in 2022 is anticipated to be completed by 2030. This could identify change in post-2030 well rehabilitation needs and schedules, as well as determine if additional well lowering is necessary to maintain required groundwater capacity.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 1,608,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2032	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2032	☐ QUOTES	☐ BONDS
Final Proposal Docs:	FY 2032	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2032	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2032		☐ OTHER
Substantial Completion:	FY 2033		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 132,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 132,000	$ -	$ -	$ -	$ -
Construction	$ 1,342,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 494,000	$ 848,000	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 134,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 49,000	$ 85,000	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,608,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 675,000	$ 933,000	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water Well Site Generator - Project 2	WA2WGN	2032-2034	The Woodlands

PROJECT DESCRIPTION

The San Jacinto River Authority (SJRA) Woodlands Division owns and operates thirty-seven (37) groundwater wells. The groundwater produced by these wells is conveyed to the five (5) water plants where it is mixed with surface water, chlorinated, and pumped into the distribution system.

As surface water is considered a supplemental source, the Woodlands Division must have the ability to produce sufficient groundwater to provide the needs of The Woodlands if surface water is not available to comply with TCEQ regulations. Automated standby power is the solution during power outages.

Backup power at off-site (non-water plant) well locations and wells at elevated storage tank sites (EST) is provided by natural gas auxiliary engines (except EST No. 5), which are connected to water wells via a right-angle gear connection. This right-angle gear connection is manually engaged during a power outage to operate only the well it is connected to. Most of the existing engines are over 30 years of age with several over 40 years of age. Due to the age of this equipment, parts are becoming scarce, and issues are taking longer to be repaired. Replacing the existing auxiliary engines with generators allows for either water well on the site to be powered, generators to operate automatically in a power outage, and parts to be readily available. A study is scheduled for 2029 to evaluate backup power needs for each water well site and recommend a schedule for generator installation.

This project will install one generator at a well site, which has to be sized to run the largest well at the site. Costs were based on a previous installation costs at other SJRA facilities of the approximate generator size needed for running one 450 HP well motor which is 600 kW. It is anticipated the generator will be pre-purchased in advance of construction.

PROJECT MAP/PICTURE

BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 1,177,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2032	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2032	☐ QUOTES	☐ BONDS
Final Proposal Docs:	FY 2032	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2032	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2033		☐ OTHER
Substantial Completion:	FY 2034		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 88,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 88,000	$ -	$ -	$ -	$ -
Engineering/Design	$ 88,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 88,000	$ -	$ -	$ -	$ -
Construction	$ 512,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 252,000	$ 260,000	$ -	$ -
CPS, CM&I, and CMT	$ 93,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 46,000	$ 47,000	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ 396,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 396,000	$ -	$ -	$ -	$ -
Total	$ 1,177,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 572,000	$ 298,000	$ 307,000	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water Well Nos. 24 and 37 Rehabilitation	WA33WR	2033-2034	The Woodlands

PROJECT DESCRIPTION

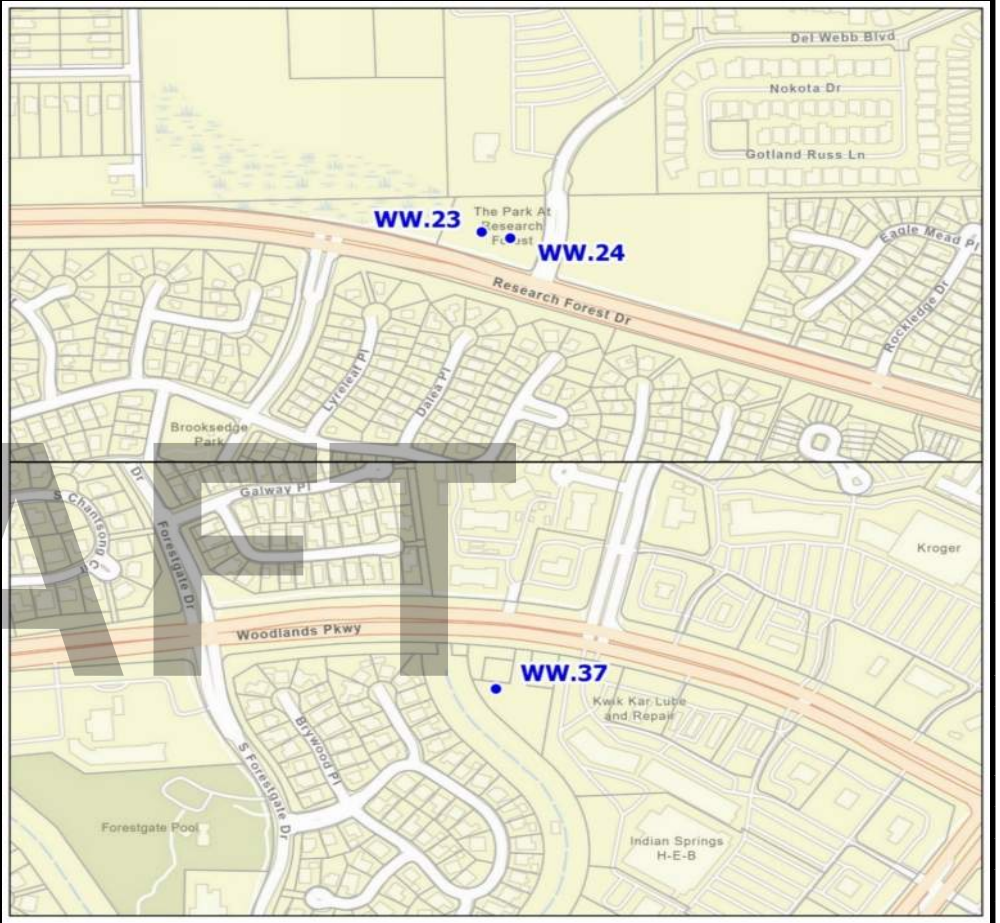
Water Well Nos. 24 and 37 have been identified for this project to have well rehabilitation performed and pumping equipment replaced. INTERA Incorporated produced a Water Well Master Plan in 2022. Based this master plan schedule, Well Nos. 24 and 37 were identified for rehabilitation and equipment replacement for FY2033-2034. For the two wells, the pumping equipment will be removed and inspected, and the a video of the well will be performed to identify well rehabilitation needs. The project will include replacement of pump and well equipment; wire brushing the well screen section; and jetting out and removing fill material from the bottom of the well. Since the Water Well No. 37 pumping equipment will be replaced, the new well pump will be placed 50 feet lower per the recommendations of the master plan. No increase in well capacity is planned.

Water Well No. 24 - Evangeline Aquifer; Design GPM: 900; Last Rehab: 2011; Current GPM: 770
Status: In-Service
Water Well No. 37 - Jasper Aquifer; Design GPM: 1,500; Last Rehab: 2014; Current GPM: 1,590
Status: In-Service

Costs are based on previous well rehabilitation projects of similar scope and pricing to lower the well pump.

An update to the 20-Year Water Well Master Plan completed in 2022 is anticipated to be completed by 2030. This could identify change in post-2030 well rehabilitation needs and schedules, as well as determine if additional well lowering is necessary to maintain required groundwater capacity.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 1,480,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2033	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2033	☐ QUOTES	☐ BONDS
Final Proposal Docs:	FY 2033	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2033	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2033		☐ OTHER
Substantial Completion:	FY 2034		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 66,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 66,000	$ -	$ -	$ -
Construction	$ 1,347,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 329,000	$ 1,018,000	$ -	$ -
CPS, CM&I, and CMT	$ 67,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 16,000	$ 51,000	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,480,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 411,000	$ 1,069,000	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Abandon Water Well Nos. 1 and 6	WA123A	2033-2034	The Woodlands

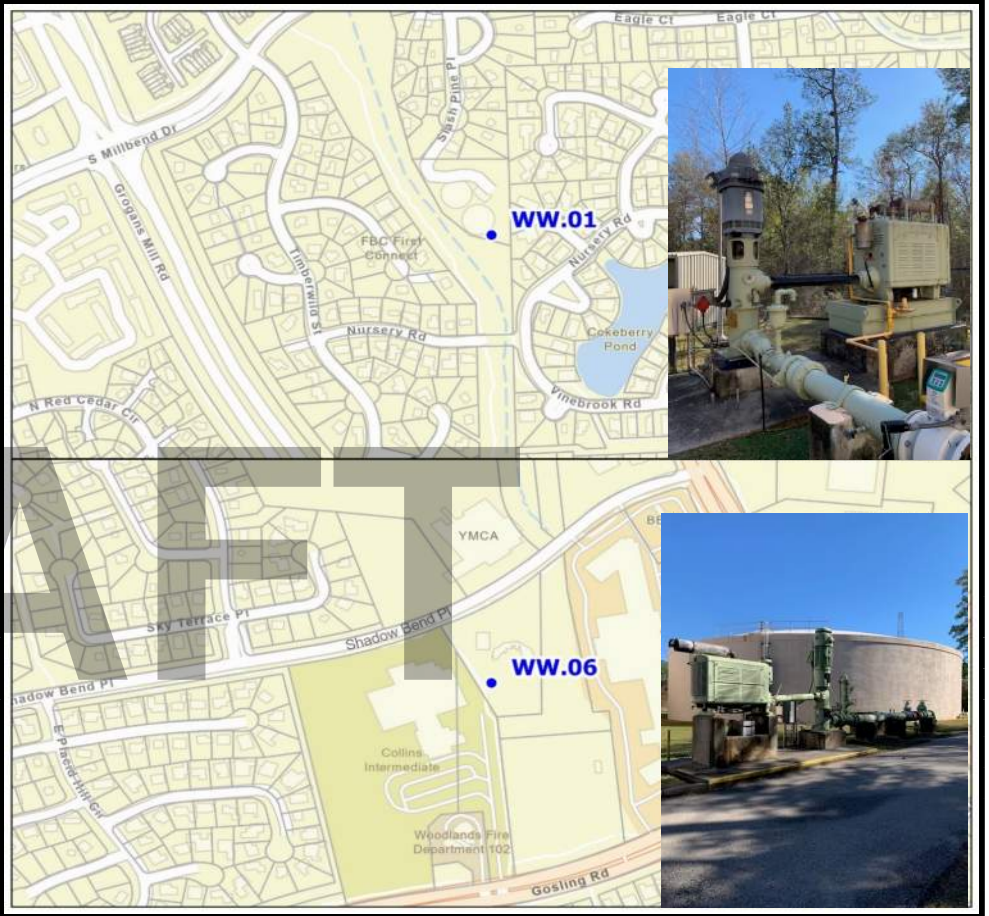
PROJECT DESCRIPTION

Water Well Nos. 1 and 6 were installed in 1974 and 1984, respectively. By 2033, these water wells will be near or over their useful service life of 50 years, and have already had operational and/or structural issues which prohibit or reduce their rehabilitation potential. Water Well Nos. 1 and 6 pump from the Evangeline Aquifer.

Well No. 1 has a bent structural casing and is the lowest producing water well. The bent structural casing restricts any mechanical rehabilitation or lowering of the pump. After Well No. 1, Well No. 6 is the lowest producing water well due to a shorter screened section than other wells, and any future rehabilitation will take significant electrical and backup power upgrades to replace deteriorated equipment. The budgeted costs are based upon a previous well abandonment and estimates from third-party consultants.

Water Well No. 1	Water Well No. 6
Design GPM: 450	Design GPM: 600
Evangeline Aquifer	Evangeline Aquifer
Installed: 1973	Installed: 1984

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 625,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2033	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2033	☐ QUOTES	☐ BONDS
Final Proposal Docs:	FY 2033	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2033	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2033		☐ OTHER
Substantial Completion:	FY 2034		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 51,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 51,000	$ -	$ -	$ -
Construction	$ 522,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 85,000	$ 437,000	$ -	$ -
CPS, CM&I, and CMT	$ 52,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 8,000	$ 44,000	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 625,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 144,000	$ 481,000	$ -	$ -

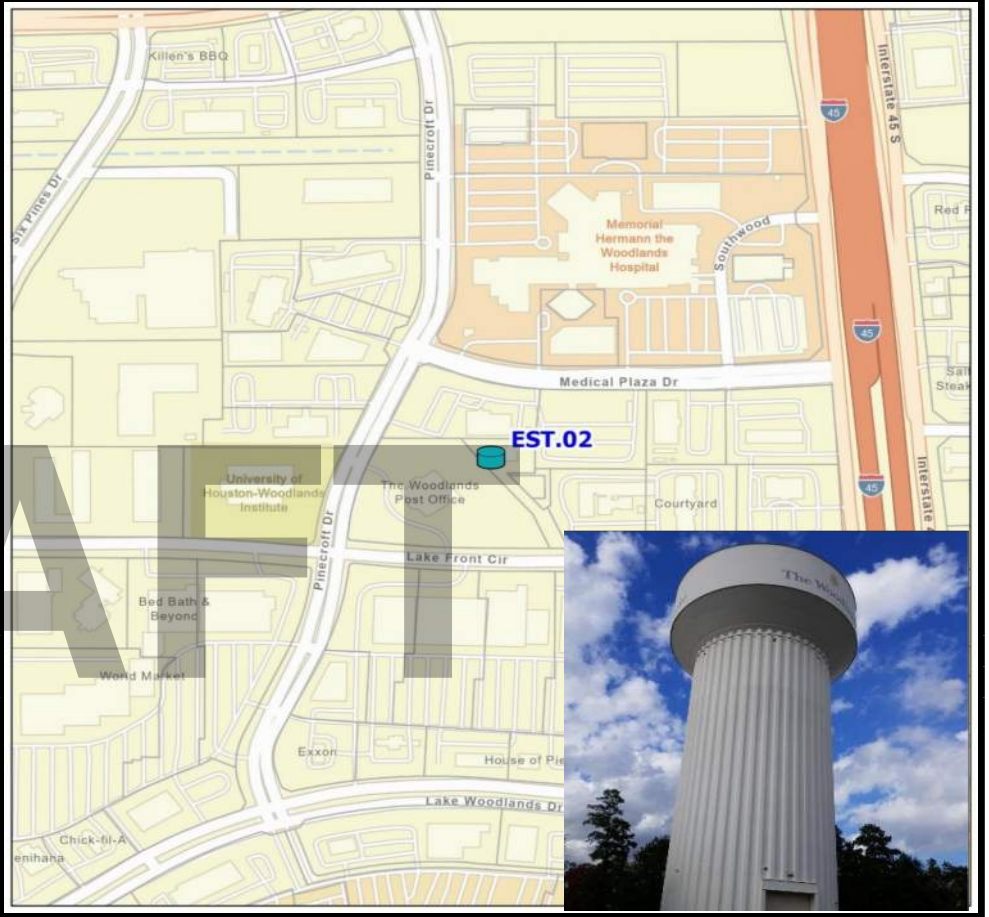
PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Elevated Storage Tank No. 2 Rehabilitation	WAET2R	2033-2034	The Woodlands

PROJECT DESCRIPTION

Elevated Storage Tank No. 2 is a 1,000,000 gallon tank and was constructed in 1982. Based on an engineering report completed in 2013, the exterior and interior coating systems were replaced in 2020 per the engineer's recommendation. A follow-up third-party inspection of the tank was completed in FY2026 which identified the project prioritization and scope for any additional rehabilitation work, and provided updated construction costs. Anticipated rehabilitation of the tank includes recoating of the tank exterior and interior surfaces for maintenance and to continue to protect the exterior and interior from corrosion. Additionally, modifications may be identified and installed for the future installation of water re-circulation equipment.

To protect the metal structure from corrosion and to extend the useful life of the tank, periodic protective coating system replacement is required. The epoxy interior coating systems are anticipated to meet their protective value in about 12-15 years and require system replacement in order to continue to provide adequate corrosion protection. The useful life of the fluoropolymer exterior coating is expected to be 10-12 years.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 2,918,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2033
PSA/WO Issued:	FY 2033
Final Proposal Docs:	FY 2033
Proposals/Bids Received:	FY 2033
Constr. Contract to Board:	FY 2033
Substantial Completion:	FY 2034

DELIVERY	FUNDING
☑ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☐ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 119,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 119,000	$ -	$ -	$ -
Engineering/Design	$ 119,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 119,000	$ -	$ -	$ -
Construction	$ 2,436,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 237,000	$ 2,199,000	$ -	$ -
CPS, CM&I, and CMT	$ 244,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 24,000	$ 220,000	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 2,918,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 499,000	$ 2,419,000	$ -	$ -

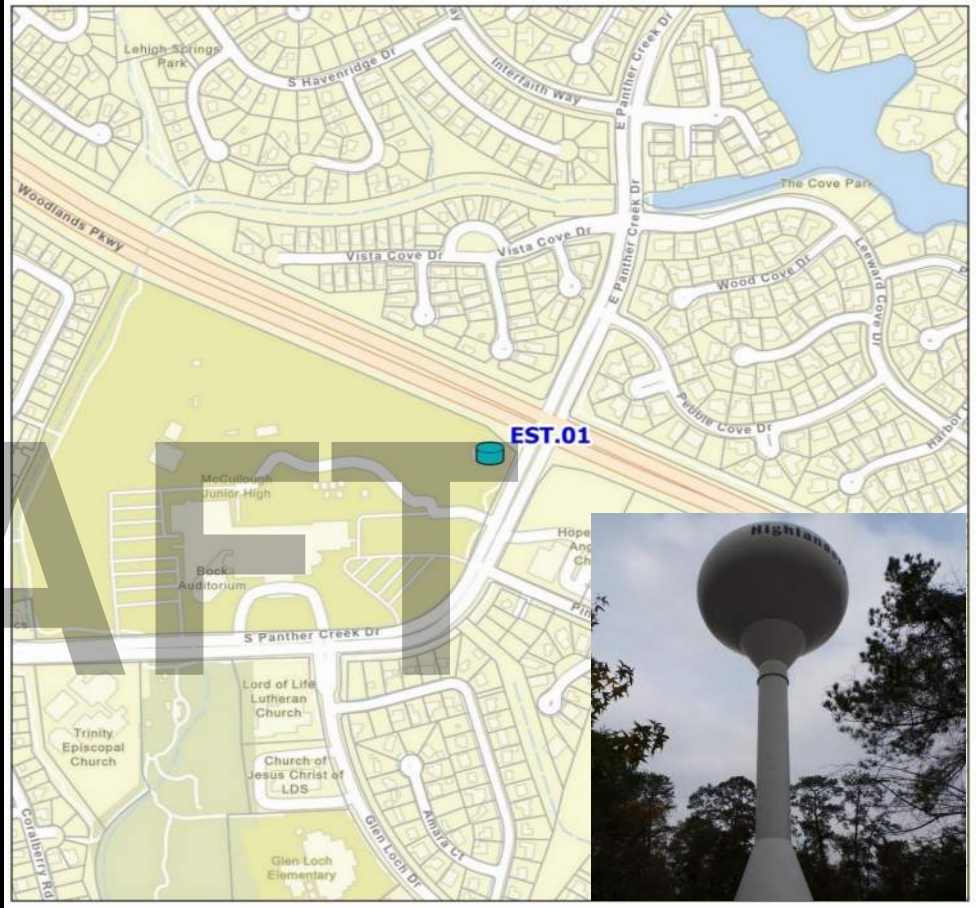
PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Elevated Storage Tank No. 1 Rehabilitation	WAET1R	2034-2035	The Woodlands

PROJECT DESCRIPTION

Elevated Storage Tank No. 1 is a 500,000 gallon tank and was constructed in 1977. Based on an engineering report completed in 2013, the exterior and interior coating systems were replaced in 2021 per the engineer's recommendation. A follow-up third-party inspection of the tank was completed in FY2026 which identified the project prioritization and scope for any additional rehabilitation work, and provided updated construction costs. Anticipated rehabilitation of the tank includes recoating of the tank exterior and interior surfaces for maintenance and to continue to protect the exterior and interior from corrosion. Additionally, modifications may be identified and installed for the future installation of water re-circulation equipment.

To protect the metal structure from corrosion and to extend the useful life of the tank, periodic protective coating system replacement is required. The epoxy interior coating systems are anticipated to meet their protective value in about 12-15 years and require system replacement in order to continue to provide adequate corrosion protection. The useful life of the fluoropolymer exterior coating is expected to be 10-12 years.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 1,297,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2034
PSA/WO Issued:	FY 2034
Final Proposal Docs:	FY 2034
Proposals/Bids Received:	FY 2034
Constr. Contract to Board:	FY 2034
Substantial Completion:	FY 2035

DELIVERY	FUNDING
☑ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☐ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 53,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 53,000	$ -	$ -
Engineering/Design	$ 53,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 53,000	$ -	$ -
Construction	$ 1,082,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 105,000	$ 977,000	$ -
CPS, CM&I, and CMT	$ 109,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 11,000	$ 98,000	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,297,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 222,000	$ 1,075,000	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water Well Site Generator - Project 3	WA3WGN	2034-2035	The Woodlands

PROJECT DESCRIPTION

The San Jacinto River Authority (SJRA) Woodlands Division owns and operates thirty-seven (37) groundwater wells. The groundwater produced by these wells is conveyed to the five (5) water plants where it is mixed with surface water, chlorinated, and pumped into the distribution system.

As surface water is considered a supplemental source, the Woodlands Division must have the ability to produce sufficient groundwater to provide the needs of The Woodlands if surface water is not available to comply with TCEQ regulations. Automated standby power is the solution during power outages.

Backup power at off-site (non-water plant) well locations and wells at elevated storage tank sites (EST) is provided by natural gas auxiliary engines (except EST No. 5), which are connected to water wells via a right-angle gear connection. This right-angle gear connection is manually engaged during a power outage to operate only the well it is connected to. Most of the existing engines are over 30 years of age with several over 40 years of age. Due to the age of this equipment, parts are becoming scarce, and issues are taking longer to be repaired. Replacing the existing auxiliary engines with generators allows for either water well on the site to be powered, generators to operate automatically in a power outage, and parts to be readily available. A study is scheduled for 2029 to evaluate backup power needs for each water well site and recommend a schedule for generator installation.

This project will install one generator at a well site, which has to be sized to run the largest well at the site. Costs were based on a previous installation costs at other SJRA facilities of the approximate generator size needed for running one 450 HP well motor which is 600 kW. It is anticipated the generator will be pre-purchased in advance of construction.

PROJECT MAP/PICTURE

BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 1,523,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2034	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2034	☐ QUOTES	☐ BONDS
Final Proposal Docs:	FY 2034	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2034	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2035		☐ OTHER
Substantial Completion:	FY 2035		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 114,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 114,000	$ -	$ -
Engineering/Design	$ 114,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 114,000	$ -	$ -
Construction	$ 682,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 227,000	$ 455,000	$ -
CPS, CM&I, and CMT	$ 119,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 23,000	$ 96,000	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ 494,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 494,000	$ -	$ -
Total	$ 1,523,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 972,000	$ 551,000	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water Well Nos. 12 and 28 Rehabilitation	WA34WR	2034-2035	The Woodlands

PROJECT DESCRIPTION

Water Well Nos. 12 and 28 have been identified for this project to have well rehabilitation performed and pumping equipment replaced. INTERA Incorporated produced a Water Well Master Plan in 2022. Based this master plan schedule, Well Nos. 12 and 28 were identified for rehabilitation and equipment replacement for FY2034-2035. For the two wells, the pumping equipment will be removed and inspected, and the a video of the well will be performed to identify well rehabilitation needs. The project will include replacement of pump and well equipment; wire brushing the well screen section; and jetting out and removing fill material from the bottom of the well. No pump lowering or increase in well capacity is planned.

Water Well No. 12 - Evangeline Aquifer; Design GPM: 1,000; Last Rehab: 2012; Current GPM: 870
Status: In-Service
Water Well No. 28 - Evangeline Aquifer; Design GPM: 750; Installed: 2007; Current GPM: 700
Status: In-Service

Costs are based on previous well rehabilitation projects of similar scope.

An update to the 20-Year Water Well Master Plan completed in 2022 is anticipated to be completed by 2030. This could identify change in post-2030 well rehabilitation needs and schedules, as well as determine if additional well lowering is necessary to maintain required groundwater capacity.

PROJECT MAP/PICTURE

BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 1,333,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2034	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2034	☐ QUOTES	☐ BONDS
Final Proposal Docs:	FY 2034	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2034	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2034		☐ OTHER
Substantial Completion:	FY 2035		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 59,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 59,000	$ -	$ -
Construction	$ 1,213,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 339,000	$ 874,000	$ -
CPS, CM&I, and CMT	$ 61,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 17,000	$ 44,000	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,333,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 415,000	$ 918,000	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Booster Pump Renewal	WABPRW	2034-2036	The Woodlands

PROJECT DESCRIPTION

The SJRA wholesale water system utilizes 23 booster pumps, located at five water plants, to convey stored water from ground storage tanks into the water transmission system. These booster pumps are critical to maintaining adequate water supply and pressure throughout both the wholesale and retail distribution systems. Depending on the service area served, booster pumps operate on alternating run schedules to allow for necessary cooldown periods and routine maintenance activities. The average daily run time for a booster pump throughout the system is approximately 6 hrs./day during the winter months and approximately 8 hrs./day during the summer months, with the majority of extended run times occurring during the hotter months of the year. Based on historical pump run-time data and corrective maintenance records, the average service life of a booster pump in the Woodlands Division system is approximately 25 years.

Prior to the replacement of any additional booster pumps (unless an urgent need is warranted), a comprehensive study of pumping capacity, system performance, and the expected remaining service life of the booster pumps at the five water plants will be conducted as part of the Water Plant No. 1, 2, 3, 4 and 5 (WAP15C) Condition Assessment project. This part of the study will establish a defined replacement strategy, which may include modifications to pump performance specifications. All analyses will be performed in accordance with TCEQ regulations and applicable industry standards.

Following the study, the resulting replacement schedule will be implemented.

PROJECT MAP/PICTURE

BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 469,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2034
PSA/WO Issued:	FY 2034
Final Proposal Docs:	FY 2034
Proposals/Bids Received:	FY 2034
Equipment Installation/Replacement	As Needed

DELIVERY	FUNDING
☐ CSP	☐ O&M
☑ QUOTES	☐ BONDS
☑ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 124,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 124,000	$ -	$ -
Engineering/Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 345,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 170,000	$ 175,000
CPS, CM&I, and CMT	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 469,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 124,000	$ 170,000	$ 175,000

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water Well Nos. 17 and 39 Rehabilitation	WA35WR	2035-2036	The Woodlands

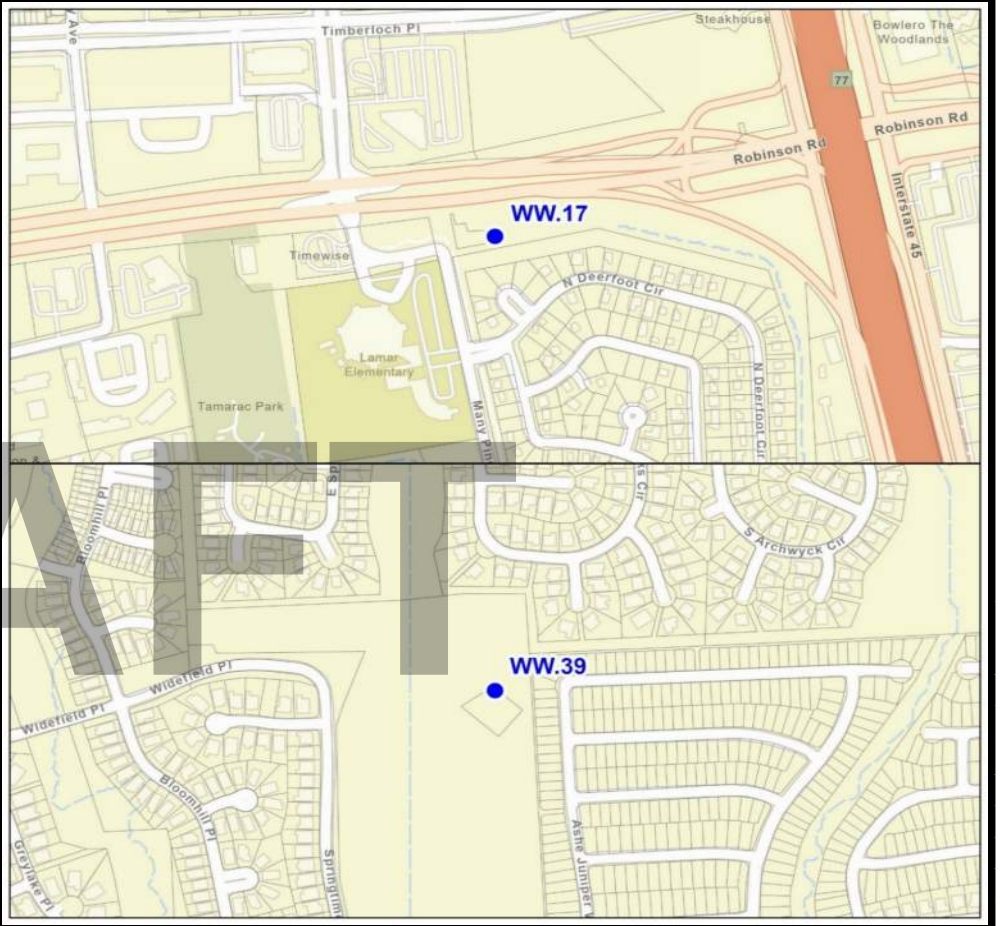
PROJECT DESCRIPTION

Water Well Nos. 17 and 39 have been identified for this project to have well rehabilitation performed and pumping equipment replaced. INTERA Incorporated produced a Water Well Master Plan in 2022. Based this master plan schedule, Well Nos. 17 and 39 were recommended for rehabilitation and equipment replacement for FY2035-2036. For the two wells, the pumping equipment will be removed and inspected, and a video of the well will be performed to identify well rehabilitation needs. The project will include replacement of pump and well equipment; wire brushing the well screen section; and jetting out and removing fill material from the bottom of the well. Since the Water Well Nos. 17 and 39 pumping equipment will be replaced, the new well pump will be placed 50 feet and 100 feet lower respectively per the recommendations of the master plan. As a result, the motor on Water Well No. 39 will have to be increased from 400 HP to 450 HP. No increase in well capacity is planned.

Water Well No. 17 - Jasper Aquifer; Design GPM: 1,500; Last Rehab: 2016; Current GPM: 1,694
Status: In-Service
Water Well No. 39 - Jasper Aquifer; Design GPM: 2,000; Installed: 2012; Current GPM: 1,735
Status: In-Service

Costs are based on previous well rehabilitation projects of similar scope, lowering the well pumps, and pricing to replace the well motor for Water Well No. 39. An update to the 20-Year Water Well Master Plan completed in 2022 is anticipated to be completed by 2030. This could identify change in post-2030 well rehabilitation needs and schedules, as well as determine if additional well lowering is necessary to maintain required groundwater capacity.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 1,707,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2035
PSA/WO Issued:	FY 2035
Final Proposal Docs:	FY 2035
Proposals/Bids Received:	FY 2035
Constr. Contract to Board:	FY 2035
Substantial Completion:	FY 2036

DELIVERY	FUNDING
☑ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☐ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 139,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 139,000	$ -
Construction	$ 1,425,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 188,000	$ 1,237,000
CPS, CM&I, and CMT	$ 143,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 19,000	$ 124,000
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,707,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 346,000	$ 1,361,000

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water Well Nos. 22, 26 and 32 Rehabilitation	WA36WR	2036-2037	The Woodlands

PROJECT DESCRIPTION

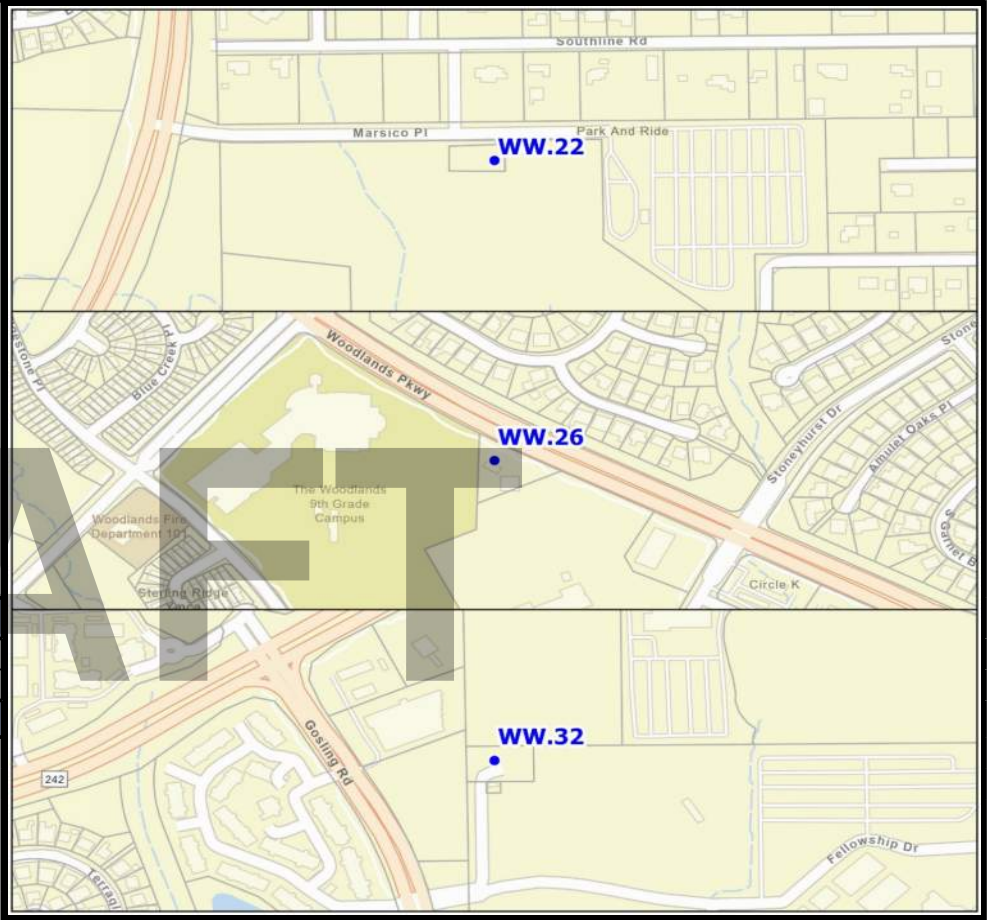
Water Well Nos. 22, 26 and 32 have been identified for this project to have well rehabilitation performed and pumping equipment replaced. INTERA Incorporated produced a Water Well Master Plan in 2022. Based this master plan schedule, Well Nos. 22, 26 and 32 were identified for rehabilitation and equipment replacement for FY2035-2036. For the three wells, the pumping equipment will be removed and inspected, and the a video of the well will be performed to identify well rehabilitation needs. The project will include replacement of pump and well equipment; wire brushing the well screen section; and jetting out and removing fill material from the bottom of the well. No pump lowering or increase in well capacity is planned.

Water Well No. 22 - Evangeline Aquifer; Design GPM: 850; Last Rehab Date: 2009; Current GPM: 913
Status: In-Service
Water Well No. 26 - Evangeline Aquifer; Design GPM: 800; Last Rehab Date: 2010; Current GPM: 950
Status: In-Service
Water Well No. 32 - Evangline Aquifer; Design GPM: 800; Installed: 2007; Current GPM: 826
Status: In-Service

Costs are based on previous well rehabilitation projects of similar scope.

An update to the 20-Year Water Well Master Plan completed in 2022 is anticipated to be completed by 2030. This could identify change in post-2030 well rehabilitation needs and schedules, as well as determine if additional well lowering is necessary to maintain required groundwater capacity.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 1,081,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2036
PSA/WO Issued:	FY 2036
Final Proposal Docs:	FY 2036
Proposals/Bids Received:	FY 2036
Constr. Contract to Board:	FY 2036
Substantial Completion:	FY 2037

DELIVERY	FUNDING
☑ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☐ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 49,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 49,000
Construction	$ 983,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 983,000
CPS, CM&I, and CMT	$ 49,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 49,000
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,081,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,081,000

*This project extends into FY2037. The total anticipated budget for this project is $2,142,000.

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Woodlands Parkway Water Line Replacement	WAWPWL	2027-2030	The Woodlands

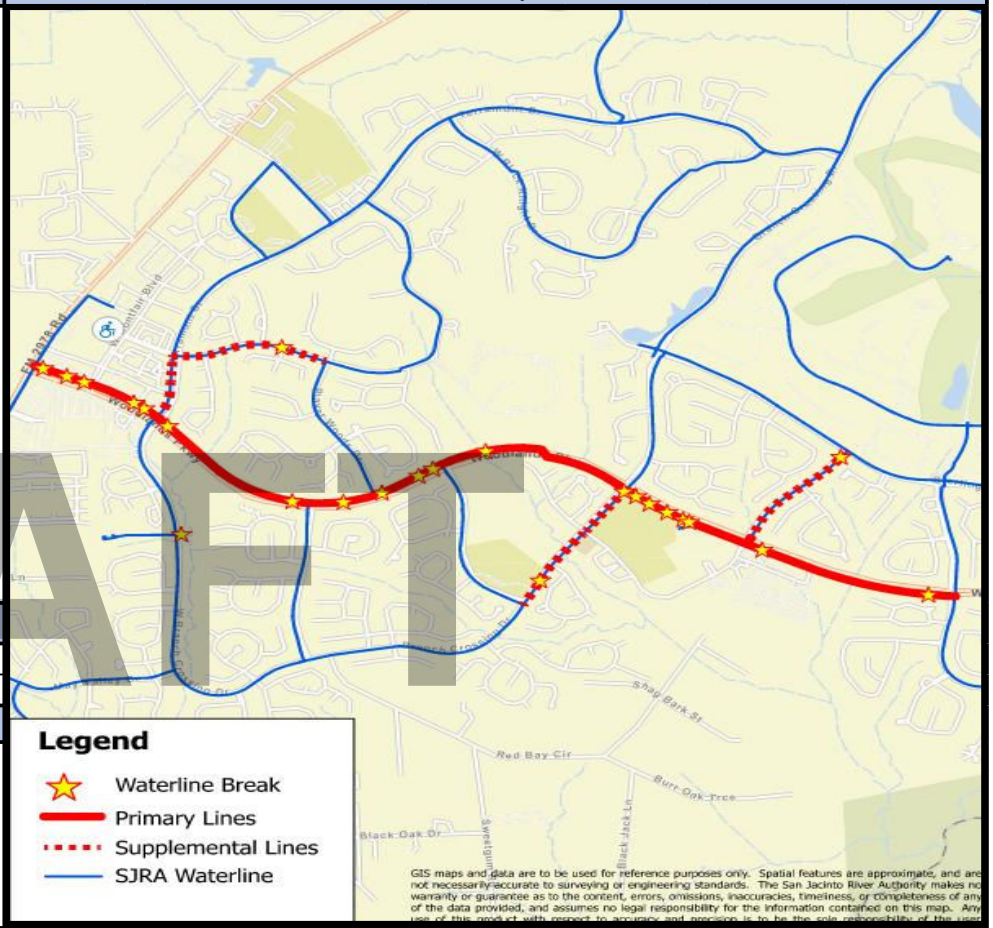
PROJECT DESCRIPTION

In June 2025, the results of a Water Line Condition Based Assessment project were presented to the MUDs. This condition assessment reviewed all SJRA water lines through desktop and physical inspection analysis. Based on this assessment, the consultant recommended prioritized replacement of water lines over a 10-year period (sorted into Tier 1-3 projects and main and supplemental lines) focusing on water lines with high breakage rates. The consultant's recommendations replaced the previous recommendations by SJRA. After review and discussions with the MUDs, the consultant's recommendations to replace the Tier 1 projects in the first 5 years was approved. The Tier 2 projects would be considered for replacement after additional data was collected in the future.

The almost 14,000' of 16 - 24-inch water line along Woodlands Parkway between FM 2978 and Carlton Woods Drive was installed in phases between 2000 and 2005. The results of the Water Line Condition Based Assessment indicated the replacement of these water lines should be given Tier 1 priority due to almost 30 breaks since its installation.

Since the planning of this project began in 2021, market inflation on pipe material and a tight construction market resulted in a substantial increase in the cost for installation of new water lines. This rise over a 7-year period, particularly for large size water lines, resulted in an increase in anticipated total budget of over $9 million.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ 24,140,000	Proposed Budget Adjustment:	$ 9,189,000
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 33,329,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2027	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2027	☐ QUOTES	☑ BONDS
Final Proposal Docs:	FY 2028	☐ PROFESSIONAL	☐ R&R
Proposals/Bids Received:	FY 2028	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2029		☐ OTHER
Substantial Completion:	FY 2030		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 2,292,000	$ -	$ 2,292,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 2,360,000	$ -	$ -	$ 2,360,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 24,675,000	$ -	$ -	$ -	$ 12,155,000	$ 12,520,000	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 2,468,000	$ -	$ -	$ -	$ 1,216,000	$ 1,252,000	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ 1,534,000	$ -	$ -	$ 1,534,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 33,329,000	$ -	$ 2,292,000	$ 3,894,000	$ 13,371,000	$ 13,772,000	$ -	$ -	$ -	$ -	$ -	$ -

*Budget includes 30% contingency, and 3% inflation per year.

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water Plant No. 2 Ground Storage Tank No. 1 Replacement	WA2GT1	2029-2031	The Woodlands

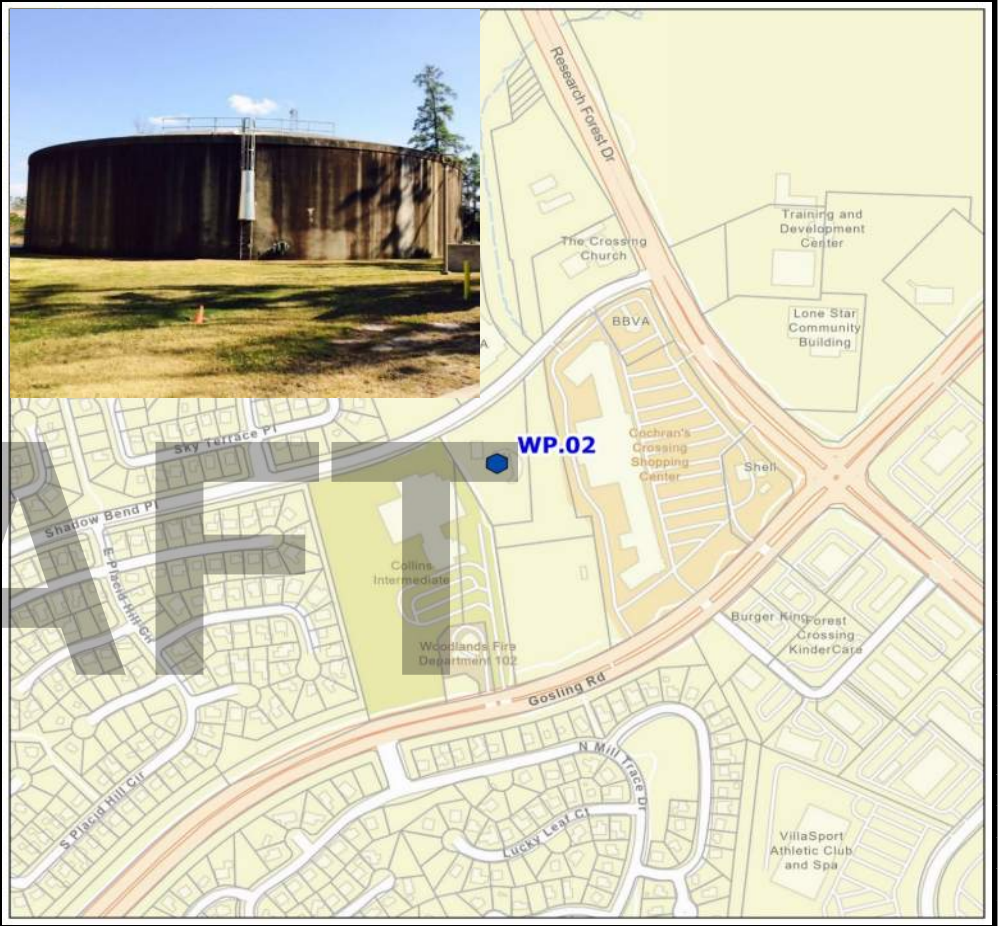
PROJECT DESCRIPTION

Ground Storage Tank 1 (GST No. 1) at Water Plant 2 is a concrete storage tank with a capacity of 2.0 million gallons (MG), and was originally constructed in 1982. In 2017, structural deficiencies and leakage were identified during an annual inspection and repairs made to maintain service life. However, the overall structural integrity of the tank is unknown. The typical useful life for concrete ground storage tanks storing potable water is 50 years, which for GST No. 1 will occur in 2032. For planning purposes, it is anticipated that a full replacement of the tank will need to occur; however, a comprehensive structural analysis will occur in FY2028 to determine the tank's long-term viability.

With anticipation that this GST will need to be replaced, the project includes demolition of the existing 2 MG concrete ground storage tank, construction of a new 2.0 MG concrete ground storage tank, and replacement of associated piping and appurtenances. If it is found that rehabilitation is more cost effective, this project plan sheet will be revised accordingly.

The costs for this project were based upon a similar project where a 2 MG concrete ground storage tank was replaced and from updated 2024 pricing from tank contractors, however, the budget and schedule for replacement could change based upon results of the structural analysis.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 6,224,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2029
PSA/WO Issued:	FY 2029
Final Proposal Docs:	FY 2029
Proposals/Bids Received:	FY 2029
Constr. Contract to Board:	FY 2030
Substantial Completion:	FY 2031

DELIVERY	FUNDING
☑ CSP	☐ O&M
☐ QUOTES	☑ BONDS
☐ PROFESSIONAL	☐ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 466,000	$ -	$ -	$ -	$ 466,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 466,000	$ -	$ -	$ -	$ 466,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 4,811,000	$ -	$ -	$ -	$ -	$ 4,317,000	$ 494,000	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 481,000	$ -	$ -	$ -	$ -	$ 432,000	$ 49,000	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 6,224,000	$ -	$ -	$ -	$ 932,000	$ 4,749,000	$ 543,000	$ -	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Water Well No. 40	WAWW40	2031-2033	The Woodlands

PROJECT DESCRIPTION

The Woodlands uses a combination of groundwater and surface water to meet water demands in The Woodlands. As of 2025, two SJRA Woodlands Division wells (Well Nos. 2 and 4) have been plugged due to well construction issues and low production, and prior to 2034, at least two more water wells (Well Nos. 1 and 6) are anticipated to be plugged for the same concerns. With a decrease in the amount of groundwater production capability, construction of an Upper Jasper Aquifer water well is recommended. Land may need to be acquired to allow for an estimated 1/2 acre site if an existing SJRA-owned site does not have sufficient space. The proposed water well is planned to be capable of producing 3,000 gallons per minute. The site will also include a backup generator, which is anticipated to be approximately a 600 kW unit.

This project will also include the installation of a 24-inch well collection line from the water well to the nearest SJRA Woodlands Division water plant. The water well cost is based on previous water well installations as well as estimates from third-party consultants. The well collection line cost is based on installing approximately 2,500 linear feet of 24-inch well collection, with unit pricing from third-party consultants.

A water well capacity, condition assessment, and rehabilitation feasibility study will be performed prior to the finalization of this project. This study will evaluate the need for future new well capacity by looking at growth and water demand trends, as well as the remaining life of existing wells.

PROJECT MAP/PICTURE

BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 12,036,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2031
PSA/WO Issued:	FY 2031
Final Proposal Docs:	FY 2031
Proposals/Bids Received:	FY 2031
Constr. Contract to Board:	FY 2032
Substantial Completion:	FY 2033

DELIVERY	FUNDING
☑ CSP	☐ O&M
☐ QUOTES	☑ BONDS
☐ PROFESSIONAL	☐ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 875,000	$ -	$ -	$ -	$ -	$ -	$ 875,000	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 880,000	$ -	$ -	$ -	$ -	$ -	$ 700,000	$ 180,000	$ -	$ -	$ -	$ -
Construction	$ 9,064,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 7,208,000	$ 1,856,000	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 907,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 721,000	$ 186,000	$ -	$ -	$ -
Land Acquisition	$ 310,000	$ -	$ -	$ -	$ -	$ -	$ 310,000	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 12,036,000	$ -	$ -	$ -	$ -	$ -	$ 1,885,000	$ 8,109,000	$ 2,042,000	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Woodlands Parkway Supplemental Water Line Replacement	WAWPLL	2030-2033	The Woodlands

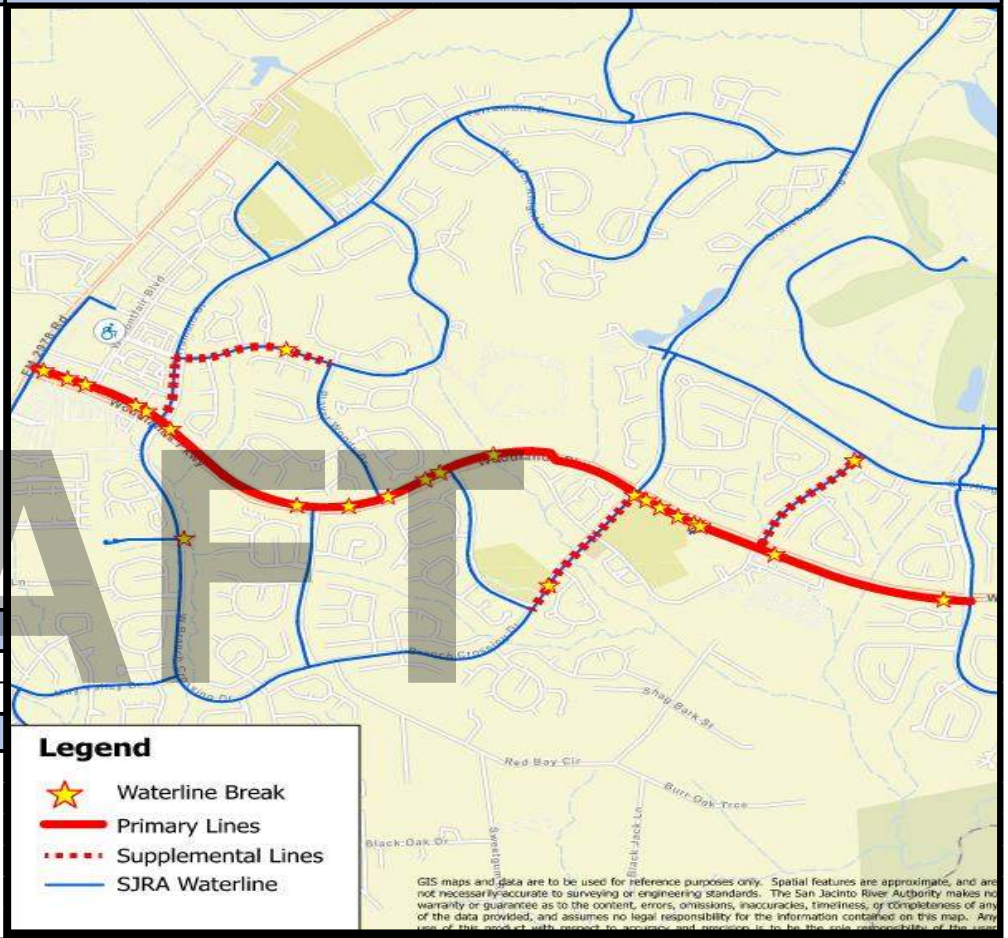
PROJECT DESCRIPTION

In June 2025, the results of a Water Line Condition Based Assessment project were presented to the MUDs. This condition assessment reviewed all SJRA water lines through desktop and physical inspection analysis. Based on this assessment, the consultant recommended prioritized replacement of water lines over a 10-year period (sorted into Tier 1-3 projects and main and supplemental lines) focusing on water lines with high breakage rates. The consultant's recommendations replaced the previous recommendations by SJRA. After review and discussions with the MUDs, the consultant's recommendations to replace the Tier 1 projects in the first 5 years were approved. The Tier 2 projects would be considered for replacement after additional data was collected in the future.

The over 7,600' of 12 and 16-inch water lines along Branch Crossing Drive, Stoneyhurst Drive, Terramont and Player Bend were installed between 1999 and 2006. The results of the Water Line Condition Based Assessment indicated the replacement of the Woodlands Parkway main water lines should be given Tier 1 priority. These supplemental lines should be considered for replacement when the main lines in the area are replaced. These supplemental lines have shown less condition related issues over time but were installed at the same time as the main lines. Due to the low breakage history, these lines are being proposed for replacement after the Woodlands Parkway water line is replaced and after further condition assessment.

The replacement of these lines is being planned for replacement, however, the actual condition of the water lines will be reassessed prior to replacement to ensure the replacement schedule coincides with the service life and condition of the water lines.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 18,435,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2030	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2030	☐ QUOTES	☑ BONDS
Final Proposal Docs:	FY 2031	☐ PROFESSIONAL	☐ R&R
Proposals/Bids Received:	FY 2031	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2032		☐ OTHER
Substantial Completion:	FY 2033		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 1,275,000	$ -	$ -	$ -	$ -	$ 1,275,000	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 1,313,000	$ -	$ -	$ -	$ -	$ -	$ 1,313,000	$ -	$ -	$ -	$ -	$ -
Construction	$ 13,630,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 10,146,000	$ 3,484,000	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 1,363,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,015,000	$ 348,000	$ -	$ -	$ -
Land Acquisition	$ 854,000	$ -	$ -	$ -	$ -	$ -	$ 854,000	$ -	$ -	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 18,435,000	$ -	$ -	$ -	$ -	$ 1,275,000	$ 2,167,000	$ 11,161,000	$ 3,832,000	$ -	$ -	$ -

*Budget includes 30% contingency, and 3% inflation per year.

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Grogan's Mill Village Water Line Replacement	WAGMWL	2031-2034	The Woodlands

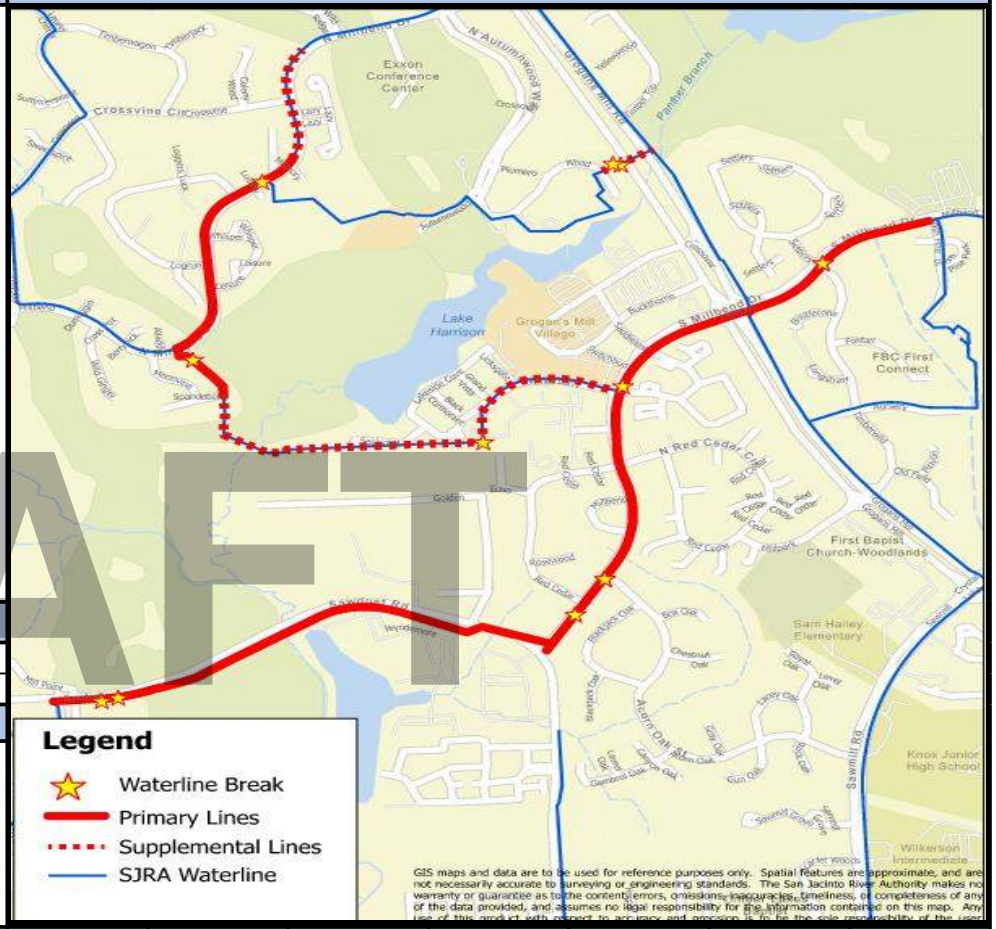
PROJECT DESCRIPTION

In June 2025, the results of a Water Line Condition Based Assessment project were presented to the MUDs. This condition assessment reviewed all SJRA water lines through desktop and physical inspection analysis. Based on this assessment, the consultant recommended prioritized replacement of water lines over a 10-year period (sorted into Tier 1-3 projects and main and supplemental lines) focusing on water lines with high breakage rates. The consultant's recommendations replaced the previous recommendations by SJRA. After review and discussions with the MUDs, the consultant's recommendations to replace the Tier 1 projects in the first 5 years was approved. The Tier 2 projects would be considered for replacement after additional data was collected in the future.

The almost 12,000' of 12 and 16-inch water lines along North Millbend Drive and along South Millbend connecting and travelling down Sawdust Road were installed between 1974 and 1975. The results of the Water Line Condition Based Assessment indicated the replacement of these water lines should be given Tier 2 priority and completed in years 5-10 of the 10-Year Project Plan.

The replacement of these lines are being planned for replacement, however, the actual condition of the water lines will be reassessed prior to replacement to ensure the replacement schedule coincides with the service life and condition of the water lines.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 23,188,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2031	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2031	☐ QUOTES	☑ BONDS
Final Proposal Docs:	FY 2032	☐ PROFESSIONAL	☐ R&R
Proposals/Bids Received:	FY 2032	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2033		☐ OTHER
Substantial Completion:	FY 2034		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 1,611,000	$ -	$ -	$ -	$ -	$ -	$ 1,611,000	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 1,660,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,660,000	$ -	$ -	$ -	$ -
Construction	$ 17,352,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 8,548,000	$ 8,804,000	$ -	$ -
CPS, CM&I, and CMT	$ 1,735,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 855,000	$ 880,000	$ -	$ -
Land Acquisition	$ 830,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 830,000	$ -	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 23,188,000	$ -	$ -	$ -	$ -	$ -	$ 1,611,000	$ 2,490,000	$ 9,403,000	$ 9,684,000	$ -	$ -

*Budget includes 30% contingency, and 3% inflation per year.

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Grogan's Mill Village Supplemental Water Line Replacement	WAGMLL	2031-2034	The Woodlands

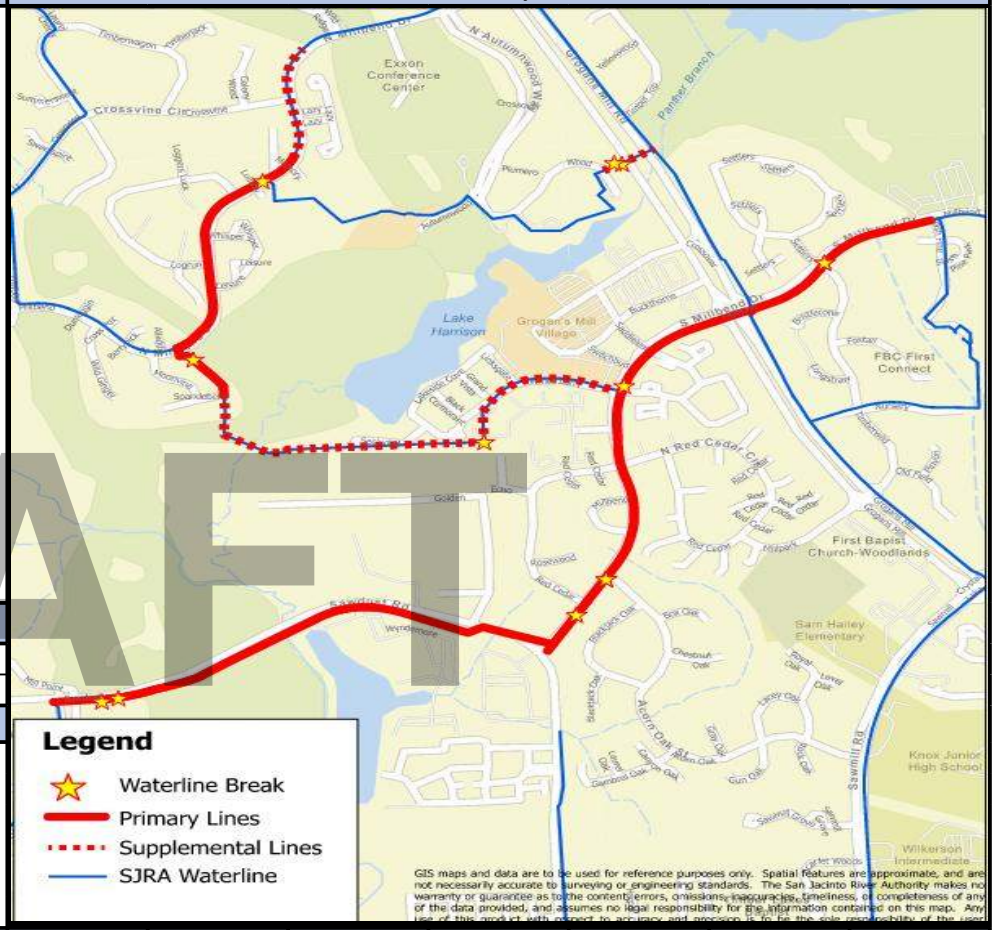
PROJECT DESCRIPTION

In June 2025, the results of a Water Line Condition Based Assessment project were presented to the MUDs. This condition assessment reviewed all SJRA water lines through desktop and physical inspection analysis. Based on this assessment, the consultant recommended prioritized replacement of water lines over a 10-year period (sorted into Tier 1-3 projects and main and supplemental lines) focusing on water lines with high breakage rates. The consultant's recommendations replaced the previous recommendations by SJRA. After review and discussions with the MUDs, the consultant's recommendations to replace the Tier 1 main lines in the first 5 years were approved. The Tier 2 projects and supplemental lines would be considered for replacement after additional condition data was collected.

The 4,610' of 12-inch AC water lines along North Millbend Drive, through Lakeside Cove, and connecting the Resort area to Grogan's Mill Road were installed between 1974 and 1975. The results of the Water Line Condition Based Assessment indicated the replacement of these supplemental water lines should be considered when the main lines in the area are replaced. These supplemental lines have shown less condition related issues over time but were installed at the same time as the main lines.

The replacement of these lines are being planned for replacement, however, the actual condition of the water lines will be reassessed prior to replacement to ensure the replacement schedule coincides with the service life and condition of the water lines.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 9,909,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2031	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2031	☐ QUOTES	☑ BONDS
Final Proposal Docs:	FY 2032	☐ PROFESSIONAL	☐ R&R
Proposals/Bids Received:	FY 2032	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2033		☐ OTHER
Substantial Completion:	FY 2034		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 689,000	$ -	$ -	$ -	$ -	$ -	$ 689,000	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 709,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 709,000	$ -	$ -	$ -	$ -
Construction	$ 7,415,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,653,000	$ 3,762,000	$ -	$ -
CPS, CM&I, and CMT	$ 741,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 365,000	$ 376,000	$ -	$ -
Land Acquisition	$ 355,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 355,000	$ -	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 9,909,000	$ -	$ -	$ -	$ -	$ -	$ 689,000	$ 1,064,000	$ 4,018,000	$ 4,138,000	$ -	$ -

*Budget includes 30% contingency, and 3% inflation per year.

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Trade Center Water Line Replacement	WATCWL	2032-2035	The Woodlands

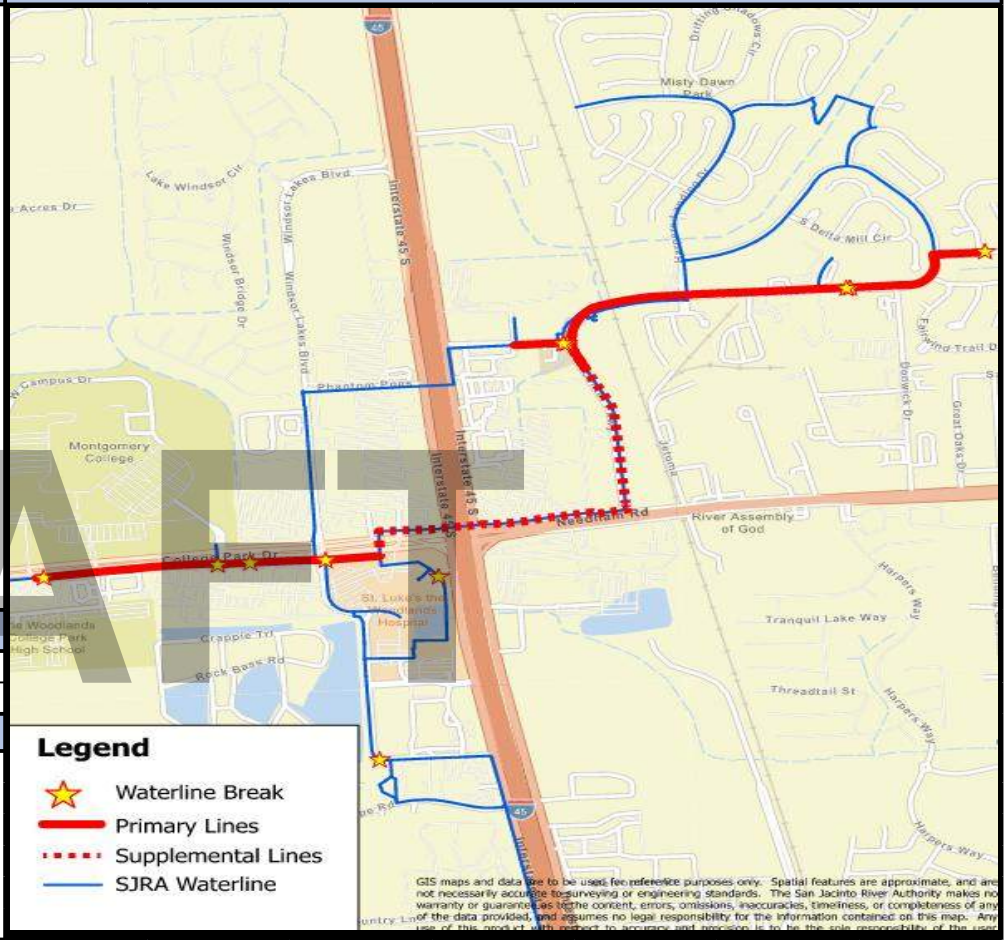
PROJECT DESCRIPTION

In June 2025, the results of a Water Line Condition Based Assessment project were presented to the MUDs. This condition assessment reviewed all SJRA water lines through desktop and physical inspection analysis. Based on this assessment, the consultant recommended prioritized replacement of water lines over a 10-year period (sorted into Tier 1-3 projects and main and supplemental lines) focusing on water lines with high breakage rates. The consultant's recommendations replaced the previous recommendations by SJRA. After review and discussions with the MUDs, the consultant's recommendations to replace the Tier 1 projects in the first 5 years was approved. The Tier 2 projects would be considered for replacement after additional data was collected in the future.

The over 8,500' of 12 and 16-inch water lines along State Highway 242 and South Trade Center Parkway were installed between 1978 and 1994. The results of the Water Line Condition Based Assessment indicated the replacement of these water lines should be given Tier 2 priority and completed in years 5-10 of the 10-Year Project Plan.

The replacement of these lines are being planned for replacement, however, the actual condition of the water lines will be reassessed prior to replacement to ensure the replacement schedule coincides with the service life and condition of the water lines.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 21,060,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2032	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2032	☐ QUOTES	☑ BONDS
Final Proposal Docs:	FY 2033	☐ PROFESSIONAL	☐ R&R
Proposals/Bids Received:	FY 2033	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2034		☐ OTHER
Substantial Completion:	FY 2035		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 1,464,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,464,000	$ -	$ -	$ -	$ -
Engineering/Design	$ 1,507,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,507,000	$ -	$ -	$ -
Construction	$ 15,759,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 7,763,000	$ 7,996,000	$ -
CPS, CM&I, and CMT	$ 1,576,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 776,000	$ 800,000	$ -
Land Acquisition	$ 754,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 754,000	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 21,060,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,464,000	$ 2,261,000	$ 8,539,000	$ 8,796,000	$ -

*Budget includes 30% contingency, and 3% inflation per year.

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Trade Center Supplemental Water Line Replacement	WATCLL	2032-2035	The Woodlands

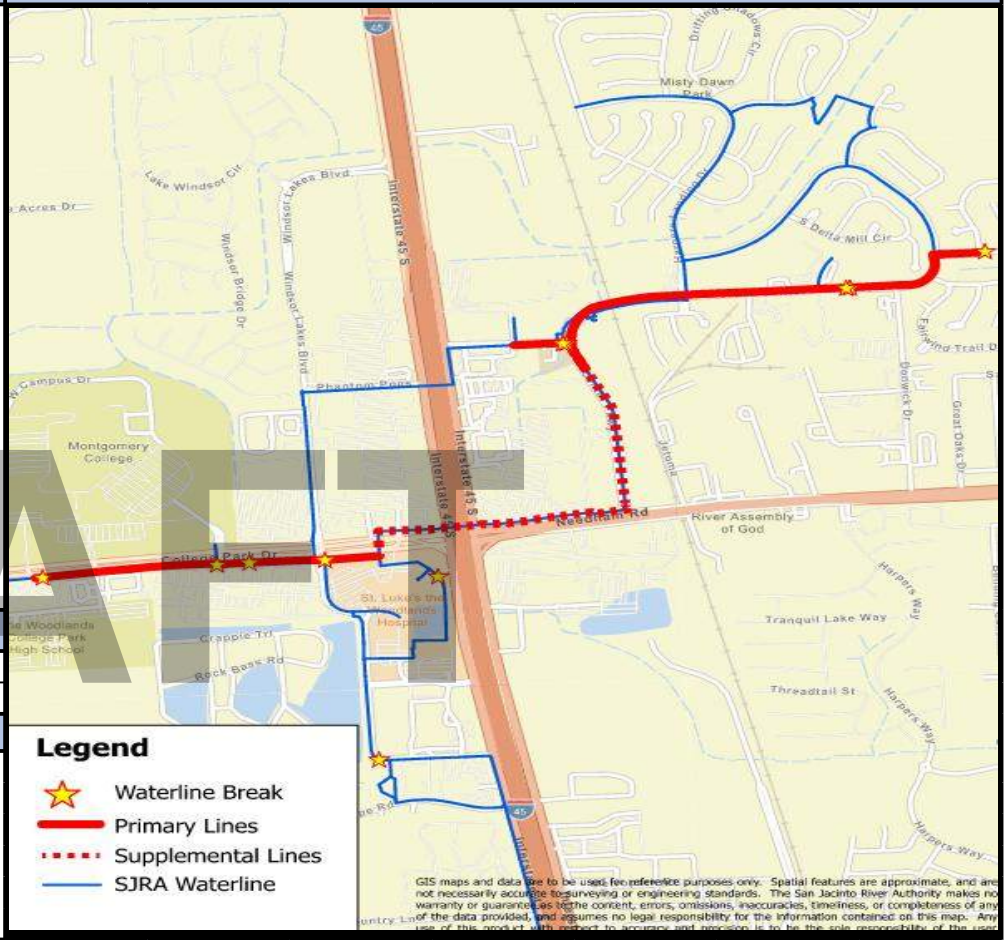
PROJECT DESCRIPTION

In June 2025, the results of a Water Line Condition Based Assessment project were presented to the MUDs. This condition assessment reviewed all SJRA water lines through desktop and physical inspection analysis. Based on this assessment, the consultant recommended prioritized replacement of water lines over a 10-year period (sorted into Tier 1-3 projects and main and supplemental lines) focusing on water lines with high breakage rates. The consultant's recommendations replaced the previous recommendations by SJRA. After review and discussions with the MUDs, the consultant's recommendations to replace the Tier 1 projects in the first 5 years were approved. The Tier 2 projects would be considered for replacement after additional data was collected in the future.

The over 5,000' of 12-inch water lines along State Highway 242 and South Trade Center Parkway were installed between 1978 and 1994. The results of the Water Line Condition Based Assessment indicated the replacement of these supplemental water lines should be considered when the main lines in the area are replaced. These supplemental lines have shown less condition related issues over time but were installed at the same time as the main lines.

The replacement of these lines is being planned for replacement, however, the actual condition of the water lines will be reassessed prior to replacement to ensure the replacement schedule coincides with the service life and condition of the water lines.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 10,264,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2032	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2032	☐ QUOTES	☑ BONDS
Final Proposal Docs:	FY 2033	☐ PROFESSIONAL	☐ R&R
Proposals/Bids Received:	FY 2033	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2034		☐ OTHER
Substantial Completion:	FY 2035		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 713,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 713,000	$ -	$ -	$ -	$ -
Engineering/Design	$ 735,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 735,000	$ -	$ -	$ -
Construction	$ 7,681,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,784,000	$ 3,897,000	$ -
CPS, CM&I, and CMT	$ 768,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 378,000	$ 390,000	$ -
Land Acquisition	$ 367,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 367,000	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 10,264,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 713,000	$ 1,102,000	$ 4,162,000	$ 4,287,000	$ -

*Budget includes 30% contingency, and 3% inflation per year.

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Woodlands Mall Water Line Replacement	WAWMWL	2032-2035	The Woodlands

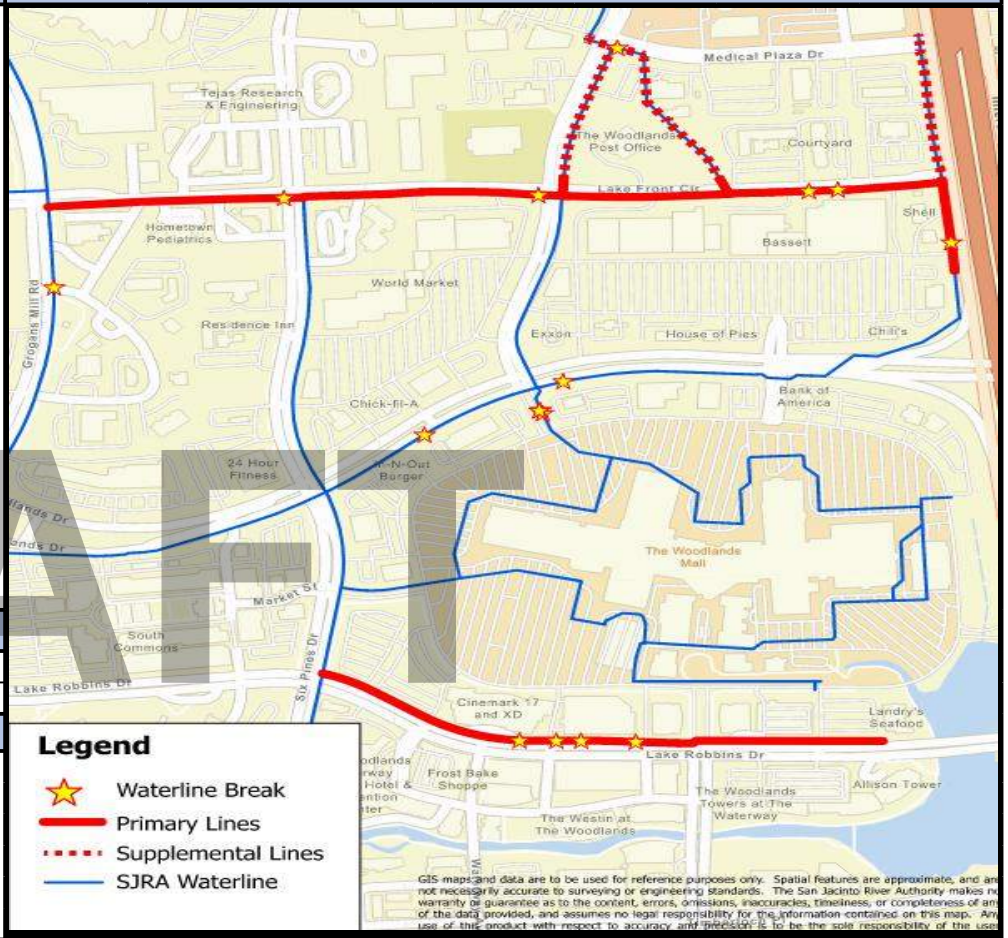
PROJECT DESCRIPTION

In June 2025, the results of a Water Line Condition Based Assessment project were presented to the MUDs. This condition assessment reviewed all SJRA water lines through desktop and physical inspection analysis. Based on this assessment, the consultant recommended prioritized replacement of water lines over a 10-year period (sorted into Tier 1-3 projects and main and supplemental lines) focusing on water lines with high breakage rates. The consultant's recommendations replaced the previous recommendations by SJRA. After review and discussions with the MUDs, the consultant's recommendations to replace the Tier 1 projects in the first 5 years was approved. The Tier 2 projects would be considered for replacement after additional data was collected in the future.

The almost 7,500' of 12-inch water lines on Lake Front Circle between Grogan's Mill and I-45, along IH-45 frontage road south of Lake Front Circle, and on Lake Robbins between Six Pines and The Woodlands Waterway were installed between 1982 and 1984. The results of the Water Line Condition Based Assessment indicated the replacement of these water lines should be given Tier 2 priority and completed in years 5-10 of the 10-Year Project Plan.

The replacement of these lines are being planned for replacement, however, the actual condition of the water lines will be reassessed prior to replacement to ensure the replacement schedule coincides with the service life and condition of the water lines.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 16,314,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2032	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2032	☐ QUOTES	☑ BONDS
Final Proposal Docs:	FY 2033	☐ PROFESSIONAL	☐ R&R
Proposals/Bids Received:	FY 2033	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2034		☐ OTHER
Substantial Completion:	FY 2035		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 1,095,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,095,000	$ -	$ -	$ -	$ -
Engineering/Design	$ 1,127,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,127,000	$ -	$ -	$ -
Construction	$ 11,786,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,806,000	$ 5,980,000	$ -
CPS, CM&I, and CMT	$ 1,179,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 581,000	$ 598,000	$ -
Land Acquisition	$ 1,127,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,127,000	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 16,314,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,095,000	$ 2,254,000	$ 6,387,000	$ 6,578,000	$ -

*Budget includes 30% contingency, and 3% inflation per year.

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Woodlands Mall Supplemental Water Line Replacement	WAWMLL	2032-2035	The Woodlands

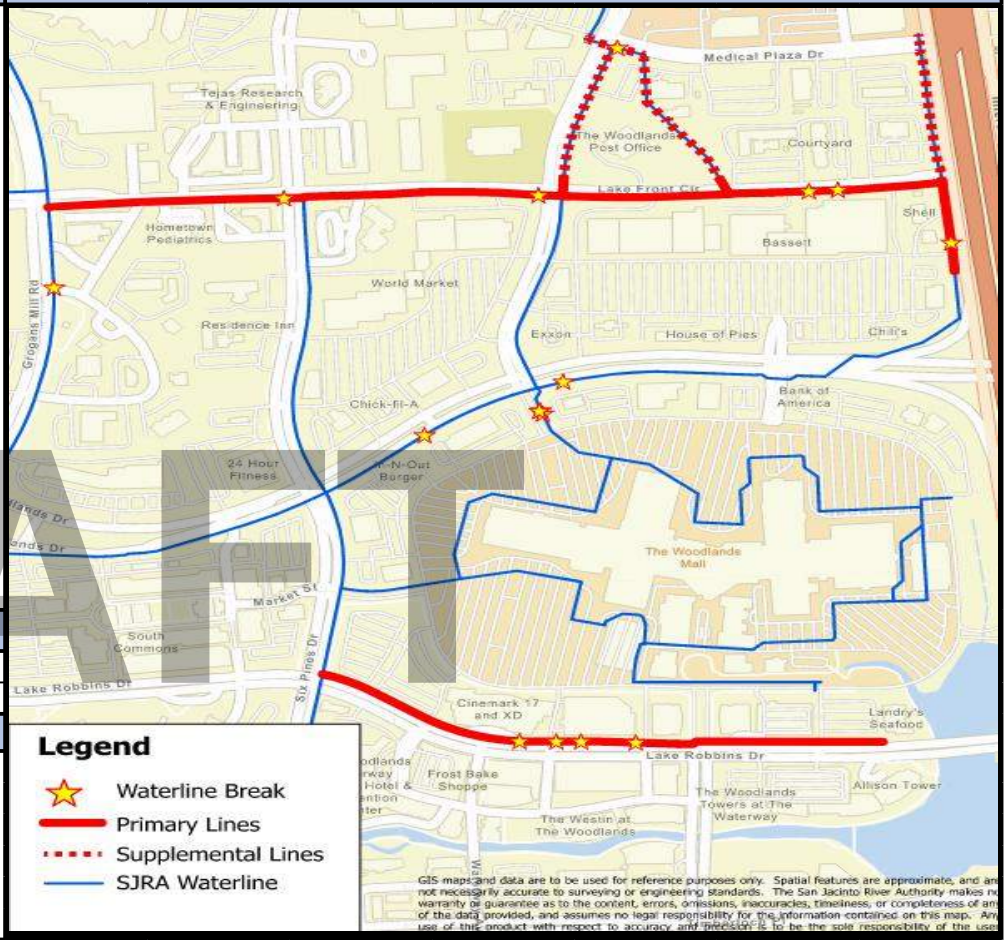
PROJECT DESCRIPTION

In June 2025, the results of a Water Line Condition Based Assessment project were presented to the MUDs. This condition assessment reviewed all SJRA water lines through desktop and physical inspection analysis. Based on this assessment, the consultant recommended prioritized replacement of water lines over a 10-year period (sorted into Tier 1-3 projects and main and supplemental lines) focusing on water lines with high breakage rates. The consultant's recommendations replaced the previous recommendations by SJRA. After review and discussions with the MUDs, the consultant's recommendations to replace the Tier 1 projects in the first 5 years were approved. The Tier 2 projects would be considered for replacement after additional data was collected in the future.

The over 3,100' of 12-inch water lines along Pinecroft, between Medical Plaza Drive and Lake Front Circle and through and easement between Medical Plaza Drive and Lake Front Circle, and along IH-45 frontage road north of Lake Front Circle were installed between 1982 and 1984. The results of the Water Line Condition Based Assessment indicated the replacement of these water lines should be given Tier 2 priority and completed in years 5-10 of the 10-Year Project Plan and considered for replacement when the main lines in the area are replaced. These supplemental lines have shown less condition related issues over time but were installed at the same time as the main lines.

The replacement of these lines is being planned for replacement, however, the actual condition of the water lines will be reassessed prior to replacement to ensure the replacement schedule coincides with the service life and condition of the water lines.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 7,699,000

PROJECT SCHEDULE

		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2032	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2032	☐ QUOTES	☑ BONDS
Final Proposal Docs:	FY 2033	☐ PROFESSIONAL	☐ R&R
Proposals/Bids Received:	FY 2033	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2034		☐ OTHER
Substantial Completion:	FY 2035		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 517,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 517,000	$ -	$ -	$ -	$ -
Engineering/Design	$ 532,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 532,000	$ -	$ -	$ -
Construction	$ 5,562,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,740,000	$ 2,822,000	$ -
CPS, CM&I, and CMT	$ 556,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 274,000	$ 282,000	$ -
Land Acquisition	$ 532,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 532,000	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 7,699,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 517,000	$ 1,064,000	$ 3,014,000	$ 3,104,000	$ -

*Budget includes 30% contingency, and 3% inflation per year.

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Wastewater Owner's Advisor	WWF1OA	2025-2027	The Woodlands

PROJECT DESCRIPTION

Since 2021 SJRA has coordinated with the MUDs and spent approximately $3M in studies and analysis regarding the condition and assessment of Wastewater Treatment Facility No. 1 (WWTF No. 1) to determine the most economical means for the repair or replacement of WWTF No. 1. These studies have focused on advanced technological options, peak flows, WWTF No. 1 capacity, condition of assets, and the remaining service life of existing assets. The most recent study was focused on completing an in-depth condition assessment and comparing the estimated cost of four options for renewal/replacement. The current evaluation has been on hold since May of 2025 for Woodlands Water to analyze and validate the existing and future capacity needs in the WWTF No.1 service area in the form of single-family dwelling unit equivalents (SFDUEs). The evaluation of SFDUE's was completed in March 2026.

In May 2026, the Woodlands Water Board of Trustees approved moving forward with a repair in place strategy. An additional $100K was added to the previous budget to determine the appropriate capacity of WWTF No. 1 using TCEQ rules and regulations and the SFDUE analysis completed by Woodlands Water. This will allow for right-sizing repair and replacement of structures and ensure oversizing does not occur, and to determine if re-rating is needed to reduce the permitted capacity.

Additionally, a tiered repair strategy will identify repairs in 5–10-year increments to allow for repairs to be vetted and funding strategies to be determined based on condition of assets and remaining asset service life.

PROJECT MAP/PICTURE

BUDGET

Original Budget:	$ 792,490	Proposed Budget Amendment:	$ 100,000
Prior FY Approved Amendments:	$ -	Total Proposed Budget:	$ 892,490

PROJECT SCHEDULE

Initiate Cons. Selection:	Completed
PSA/WO Issued:	Completed
Study Completion:	FY 2027 - Q3

DELIVERY	FUNDING
☐ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☑ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 892,490	$ 547,490	$ 345,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 892,490	$ 547,490	$ 345,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
WWTF No. 2 Tertiary Filter Improvements (2nd and 3rd Filter)	WW02FR	2021-2027	The Woodlands

PROJECT DESCRIPTION

Wastewater Treatment Facility (WWTF) No. 2 utilizes tertiary filters to treat effluent prior to disinfection. Filters 1 and 2 are sand filters, while Filter 3 was replaced with a new cloth media filter in 2016. The current sand filters are rated for 2 MG of flow each, with the one installed cloth media filter rated for 6 MG of flow. The TCEQ discharge permit allows for 15.6 MG of flow during a rain event, of which only 10.0 MG is able to be treated with the current filters.

Existing sand filters 1 and 2 have been in service since 2006, have a service life of 15-25 years, are rated for 2 MG each, and have experienced performance issues which limit wastewater flows through WWTF No. 2. This project will replace the remaining two sand filters with cloth media filters which will eliminate the performance issues and allow all flow during a rain event to pass through the filters.

The construction contract was awarded at the SJRA Board of Directors on March 27, 2026 and anticipated to be complete the first quarter of FY2027.

PROJECT MAP/PICTURE

BUDGET

Original Budget:	$ 5,893,327	Proposed Budget Amendment:	$ -
Prior FY Approved Amendments:	$ -	Total Proposed Budget:	$ 5,893,327

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	Completed	☑ CSP	☐ O&M
PSA/WO Issued:	Completed	☐ QUOTES	☑ BONDS
Final Proposal Docs:	Completed	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	Completed	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	Completed		☐ OTHER
Substantial Completion:	FY 2027 - Q1		2017 Bonds

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 100,000	$ 100,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 276,118	$ 276,118	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 5,366,000	$ 4,992,000	$ 374,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 151,209	$ 132,373	$ 18,836	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 5,893,327	$ 5,500,491	$ 392,836	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

*Budget includes 0% contingency, and 0% inflation per year.

**Total Bond Funded Portion = $5,366,000. Total R&R Funded Portion = $527,327.

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Lift Station No. 1 Gravity Main Bypass and Decommissioning	WWLS1B	2023-2027	The Woodlands

PROJECT DESCRIPTION

Lift Station No. 1 was constructed in 1974 to receive wastewater flows from areas along Grogan's Mill Road north of Woodlands Parkway and pump these flows to Wastewater Treatment Facility No. 1. Recent evaluation of the force main, also constructed in 1974, found it to be in poor condition, and in need of replacement. In the mid-1990s, a 42-inch gravity line was constructed approximately 1,400 LF to the west of the lift station, which a feasibility study performed in 2023 found to be at a depth and adequate size to intercept the flows going to Lift Station No. 1. Constructing a gravity main along the north side of Woodlands Parkway from just upstream of the lift station to the 42-inch gravity main would allow the lift station to be cut below grade, gutted and filled and the force main grout-filled and capped, and therefore, eliminate further lift station life cycle operation and maintenance costs for 50-year old infrastructure. The existing 18-inch gravity line receiving flow from Lift Station No. 1's force main will also need to be decommissioned and abandoned.

A feasibility study and preliminary engineering have been completed on this project, and final design is underway. The budget costs were derived from the preliminary engineering phase by the design consultant. Final detailed engineering design is currently in progress and the construction cost shown below is an estimate based on assumptions made by the consultant during preliminary engineering with a general understanding of the area. The construction of this project will be funded utilizing bond funds received from the Texas Water Development Board.

The additional budget for this project was required to perform life cycle cost analysis, design for additional gravity main abandonment, and to develop a Texas Water Development Board (TWDB) request for Categorical Exclusion (CE).

PROJECT MAP/PICTURE

BUDGET

Original Budget:	$ 4,387,711	Proposed Budget Amendment:	$ 248,987
Prior FY Approved Amendments:	$ -	Total Proposed Budget:	$ 4,636,698

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	Completed	☑ CSP	☐ O&M
PSA/WO Issued:	Completed	☐ QUOTES	☑ BONDS
Final Proposal Docs:	FY 2026 - Q3	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2026 - Q3	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2026 - Q4		☐ OTHER
Substantial Completion:	FY 2027 - Q4		2017 Bonds

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 23,711	$ 23,711	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 193,987	$ 193,987	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction**	$ 4,249,000	$ 500,000	$ 3,749,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 150,000	$ 20,000	$ 130,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ 20,000	$ 20,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 4,636,698	$ 757,698	$ 3,879,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

**The construction budget will be from 2017 TWDB Bonds.

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
WWTF No. 2 Grit Classifier Improvements	WWP2GC	2025-2027	The Woodlands

PROJECT DESCRIPTION

The grit classifier at Wastewater Treatment Facility No. 2 is utilized to separate heavier grit from lighter organic material and the carrier water from the primary grit removal system. A grit classifier consists of a clarifying hopper to allow heavier grit to settle while lighter organic material leaves the hopper by overflow and is returned to the main process stream for further treatment. The heavier grit is then removed from the system via a slow-moving screw and discharged into a dumpster. The current grit classifier was installed in 2017; however, this classifier was originally installed at Wastewater Treatment Facility No. 1 in 2009 but was moved following the construction of a new grit system. Unfortunately, the design and size of this classifier in insufficient and a new, properly sized classifier should be installed. Also, the grit pump piping from the grit pumps to the classifier regularly clogs due to the length and numerous bends in the piping.

The new grit classifier is proposed to be installed at a different location which is closer to the grit pumps, therefore allowing for much less piping and bends, which should eliminate the clogging issue. To do so, a new concrete access driveway will be built to the new location, an awning will be constructed to shelter the dumpster, and drainage installed.

Final design was initiated for this project in September 2024 and construction started in February 2026.

PROJECT MAP/PICTURE

BUDGET

Original Budget:	$ 1,185,000	Proposed Budget Amendment:	$ -
Prior FY Approved Amendments:	$ 115,444	Total Proposed Budget:	$ 1,300,444

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	Completed	☑ CSP	☐ O&M
PSA/WO Issued:	Completed	☐ QUOTES	☐ BONDS
Final Proposal Docs:	Completed	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	Completed	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2026 - Q2		☐ OTHER
Substantial Completion:	FY 2027 - Q1		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 106,540	$ 106,540	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 1,146,000	$ 800,000	$ 346,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 47,904	$ 37,904	$ 10,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,300,444	$ 944,444	$ 356,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Lift Station No. 21 Force Main Renewal	WW21FM	2026-2028	The Woodlands

PROJECT DESCRIPTION

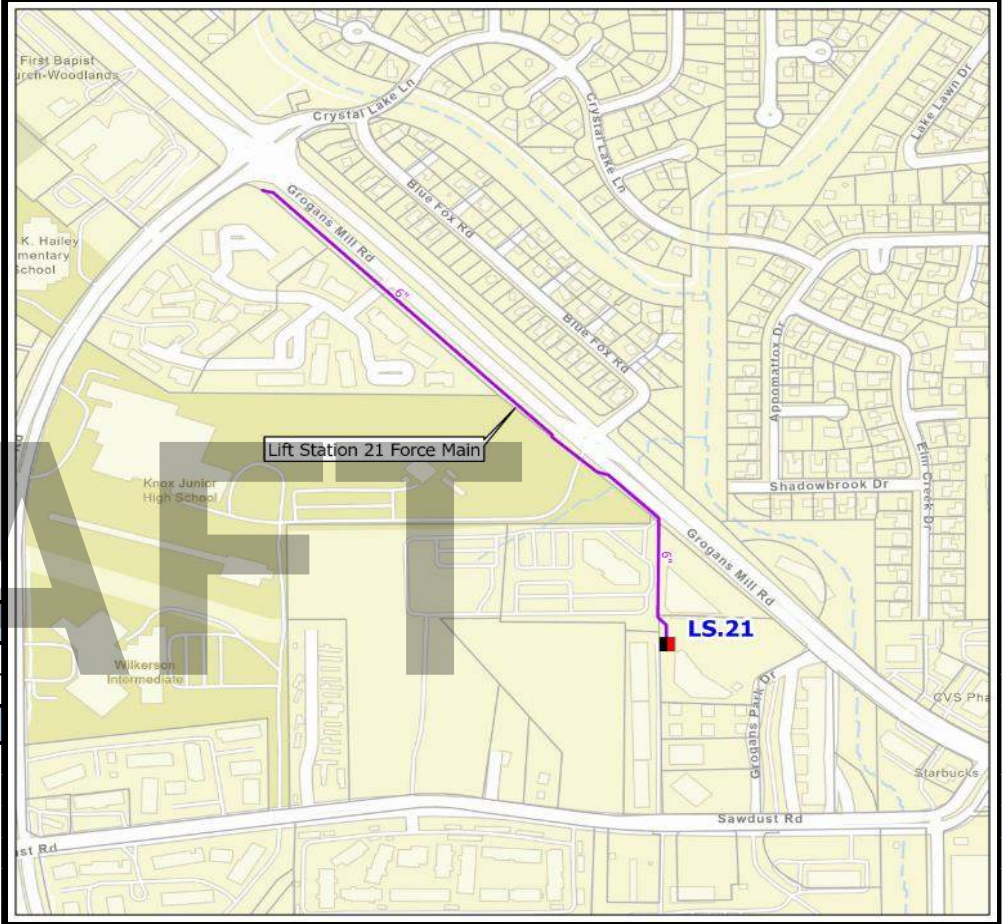
Some parts of the existing wastewater system, specifically the force main serving Lift Station No. 21, have been in service for over 40 years. The aging system requires renewal to avoid collection system failure. Through the Asset Management Program and site specific condition assessments, specific force mains were identified as high risk for failure and were evaluated for rehabilitation or replacement. A force main condition assessment was conducted in June 2022 that included a records analysis, televising of the force main and a physical inspection to determine estimated remaining useful life of each force main. The resulting data was compiled for Lift Station No. 21's force main:

Lift station No.	Installed	Original Thickness (in.)	Current Thickness (in.)	Linear Footage (ft)
No. 21	1982	0.34	0.10	2,600

The results show that the force main has lost approximately 70% of its original thickness and is at high risk of structural collapse. Therefore, the force main will require rehabilitation or replacement. An initial study of various rehabilitation and replacements methods will occur to find the best value option for renewal.

The estimated construction cost budget is based upon preliminary quotes from third party vendors for different renewal methods.

PROJECT MAP/PICTURE



BUDGET

Original Budget:	$ 625,000	Proposed Budget Amendment:	$ 137,900
Prior FY Approved Amendments:	$ -	Total Proposed Budget:	$ 762,900

PROJECT SCHEDULE

Initiate Cons. Selection:	Completed
PSA/WO Issued:	FY 2026 - Q3
Final Proposal Docs:	FY 2028 - Q1
Proposals/Bids Received:	FY 2028 - Q1
Constr. Contract to Board:	FY 2028 - Q2
Substantial Completion:	FY 2028 - Q4

DELIVERY	FUNDING
☑ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☐ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 151,900	$ 131,900	$ 20,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 80,000	$ -	$ 80,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 483,000	$ -	$ 134,000	$ 349,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 48,000	$ -	$ 13,000	$ 35,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 762,900	$ 131,900	$ 247,000	$ 384,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Lift Station 24 Improvements	WWLS24	2026-2028	The Woodlands

PROJECT DESCRIPTION

The current Lift Station No. 24 site includes two wet well lift stations (Lift Station No. 24A installed in 1999; Lift Station No. 24B installed in 2004), and a control/generator building. During Hurricane Harvey in 2017, the entire site flooded with a water depth of approximately 4 feet. In 2024, Federal Community Project funds become available to allow for reconfiguration of the site to mitigate the effects of future flooding. These improvements include the construction of a new control/generator building/platform at a higher elevation, and the abandonment of the older, smaller wet well lift station and diversion of flow into the newer, larger wet well lift station. It has been confirmed the newer, larger lift station can accommodate the added flows.

The existing generator can be re-used. Approximately $1.825MM of the cost will be through Federal Community Project funds.

PROJECT MAP/PICTURE

BUDGET

Original Budget:	$ 2,433,000	Proposed Budget Amendment:	$ -
Prior FY Approved Amendments:	$ -	Total Proposed Budget:	$ 2,433,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	Completed	☑ CSP	☐ O&M
PSA/WO Issued:	Completed	☐ QUOTES	☐ BONDS
Final Proposal Docs:	FY 2027 - Q1	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2027 - Q2	☐ OTHER	☑ GRANTS
Constr. Contract to Board:	FY 2027 - Q2		☐ OTHER
Substantial Completion:	FY 2028 - Q2		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 353,000	$ 225,000	$ 128,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 173,000	$ 51,900	$ 121,100	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 1,734,000	$ -	$ 867,000	$ 867,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 173,000	$ -	$ 86,500	$ 86,500	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 2,433,000	$ 276,900	$ 1,202,600	$ 953,500	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

*$1,825,000 of the total project cost will be through Federal Community Project funds. The remaining $608,000 will be R&R funded.

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Lift Station Rehabilitation	WW21LS	2021-2036	The Woodlands

PROJECT DESCRIPTION

Each year, a comprehensive evaluation of all thirty lift stations in The Woodlands is conducted. This evaluation includes visual inspection and condition assessment ranking of each lift station by SJRA staff which results in a prioritized list of lift stations to be rehabilitation. In addition, the Sanitary Sewer Transmission Asset Renewal Program included a comprehensive condition assessment, with results incorporated into SJRA's prioritized list. Based on this list, several lift stations were identified as needing minor rehabilitation work, such as replacement or addition of the wet well coating, minor structural repairs, minor electrical improvements, and replacement of panels. SCADA wireless systems, PLCs and associated components will be implemented to supplement existing autodialer alarm systems that rely on land-lines and can provide real-time operational data. This project will allow for on-going maintenance and rehabilitation to extend the effective useful life of the thirty lift stations, and prevent the likelihood of failure requiring emergency repairs. In addition, consideration will be taken to elevate controls for facilities in flood-prone locations, and to add back-up power systems at strategic locations to ensure for continued service during power outages. Budget costs are based upon costs required for recent rehabilitation of other lift stations in the system. The increase in the budget from last year is due to an additinal year of a $150,000 budget being added for FY2036.

PROJECT MAP/PICTURE

BUDGET

Original Budget:	$ 2,050,000	Proposed Budget Amendment:	$ 150,000
Prior FY Approved Amendments:	$ -	Total Proposed Budget:	$ 2,200,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	As Needed	☐ CSP	☐ O&M
PSA/WO Issued:	As Needed	☑ QUOTES	☐ BONDS
Final Proposal Docs:	As Needed	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	As Needed	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	As Needed		☐ OTHER
Substantial Completion:	As Needed		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 120,000	$ 8,000	$ 8,000	$ 10,000	$ 10,000	$ 12,000	$ 12,000	$ 12,000	$ 12,000	$ 12,000	$ 12,000	$ 12,000
Construction	$ 1,960,000	$ 784,000	$ 84,000	$ 105,000	$ 105,000	$ 126,000	$ 126,000	$ 126,000	$ 126,000	$ 126,000	$ 126,000	$ 126,000
CPS, CM&I, and CMT	$ 120,000	$ 8,000	$ 8,000	$ 10,000	$ 10,000	$ 12,000	$ 12,000	$ 12,000	$ 12,000	$ 12,000	$ 12,000	$ 12,000
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 2,200,000	$ 800,000	$ 100,000	$ 125,000	$ 125,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Wastewater Treatment Facility No. 3 Bar Screen Replacement	WWP3BS	2027	The Woodlands

PROJECT DESCRIPTION

In 2003, the original WWTF No. 3 package plant was replaced with a 0.90 MGD conventional wastewater facility with mechanical screening achieved by a Huber Step Screen bar screen. Due to failures, the Huber Step Screen was replaced in 2012 with a Parkson Perforated Screen, and after an extensive mechanical failure in 2021 the Parkson Perforated Screen was replaced with a Huber Rake Max bar screen originally designed for and installed at WWTF No. 2. This bar screen experienced an extensive binding mechanical failure in November 2024, which resulted in a the bar screen having a bent frame and a damaged chain and internal gearing. This failure was a result of binding of internal mechanical parts, not large debris. The screen has been repaired to allow for operation; however, due to the failure that occurred to the frame, the bar screen has a reduced service life. Additionally, the Huber Rake Max was not designed for WWTF No. 3 since it was originally designed for an installed at WWTF No. 2.

This project is to purchase and install a new mechanical bar screen that will replace the current bar screen but will be designed specifically for operation at WWTF No. 3. The new mechanical screening equipment will be installed in-house by SJRA.

PROJECT MAP/PICTURE

BUDGET

Original Budget:	$ 220,000	Proposed Budget Amendment:	$ -
Prior FY Approved Amendments:	$ -	Total Proposed Budget:	$ 220,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2027 - Q1
PSA/WO Issued:	FY 2027 - Q1
Final Proposal Docs:	FY 2027 - Q2
Proposals/Bids Received:	FY 2027 - Q2
Constr. Contract to Board:	FY 2027 - Q3
Substantial Completion:	FY 2027 - Q4

DELIVERY	FUNDING
☐ CSP	☐ O&M
☑ QUOTES	☐ BONDS
☐ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 10,000	$ -	$ 10,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 10,000	$ -	$ 10,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ 200,000	$ -	$ 200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 220,000	$ -	$ 220,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Lift Station No. 13 Force Main Renewal	WW13FM	2027-2028	The Woodlands

PROJECT DESCRIPTION

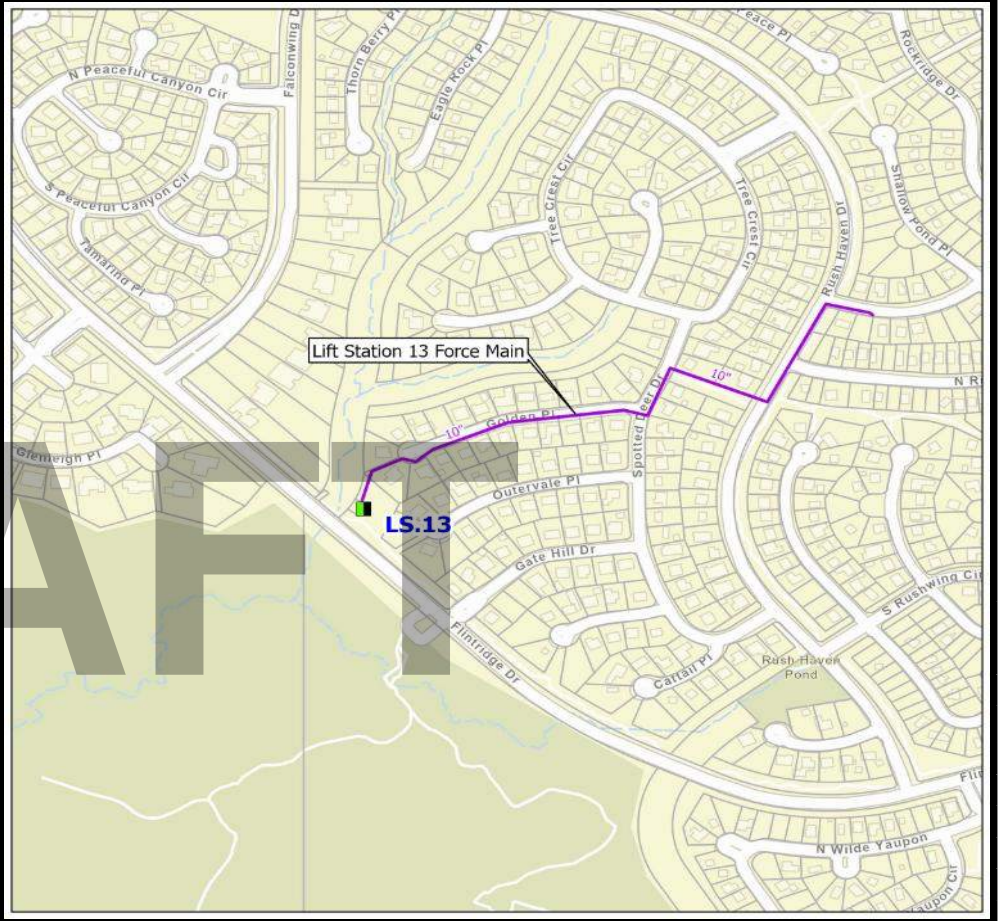
Some parts of the existing wastewater system, specifically the force main for Lift Station No. 13, have been in service for over 40 years. The aging system requires renewal to avoid collection system failure. Through the Asset Management Program and site specific condition assessments, specific force mains were identified as high risk for failure and were evaluated for rehabilitation or replacement. A force main condition assessment was conducted in June 2022 that included a records analysis, televising of the force main and a physical inspection to determine estimated remaining useful life of each force main. The resulting data was compiled for Lift Station No. 13's force main:

Lift station	Installed	Original Thickness (in.)	Current Thickness (in.)	Linear Footage (ft)
No. 13	1983	0.36	0.10	2,500

The results show that the ductile iron force main has lost approximately 70% of its original thickness and is at high risk of structural collapse. Therefore, the force main will require rehabilitation or replacement. An initial study of various rehabilitation and replacements methods will occur to find the best value option for renewal.

The estimated construction cost budget is based upon preliminary quotes from third party vendors for different renewal methods.

PROJECT MAP/PICTURE



BUDGET

Original Budget:	$ -	Proposed Budget Amendment:	$ -
Prior FY Approved Amendments:	$ -	Total Proposed Budget:	$ 1,170,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2026 - Q4
PSA/WO Issued:	FY 2027 - Q1
Final Proposal Docs:	FY 2027 - Q4
Proposals/Bids Received:	FY 2027 - Q4
Constr. Contract to Board:	FY 2028 - Q1
Substantial Completion:	FY 2028 - Q4

DELIVERY	FUNDING
☑ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☐ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 150,000	$ -	$ 150,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 83,000	$ -	$ 83,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 852,000	$ -	$ -	$ 852,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 85,000	$ -	$ -	$ 85,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,170,000	$ -	$ 233,000	$ 937,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Lift Station No. 5 Force Main Replacement	WW5FMR	2027-2029	The Woodlands

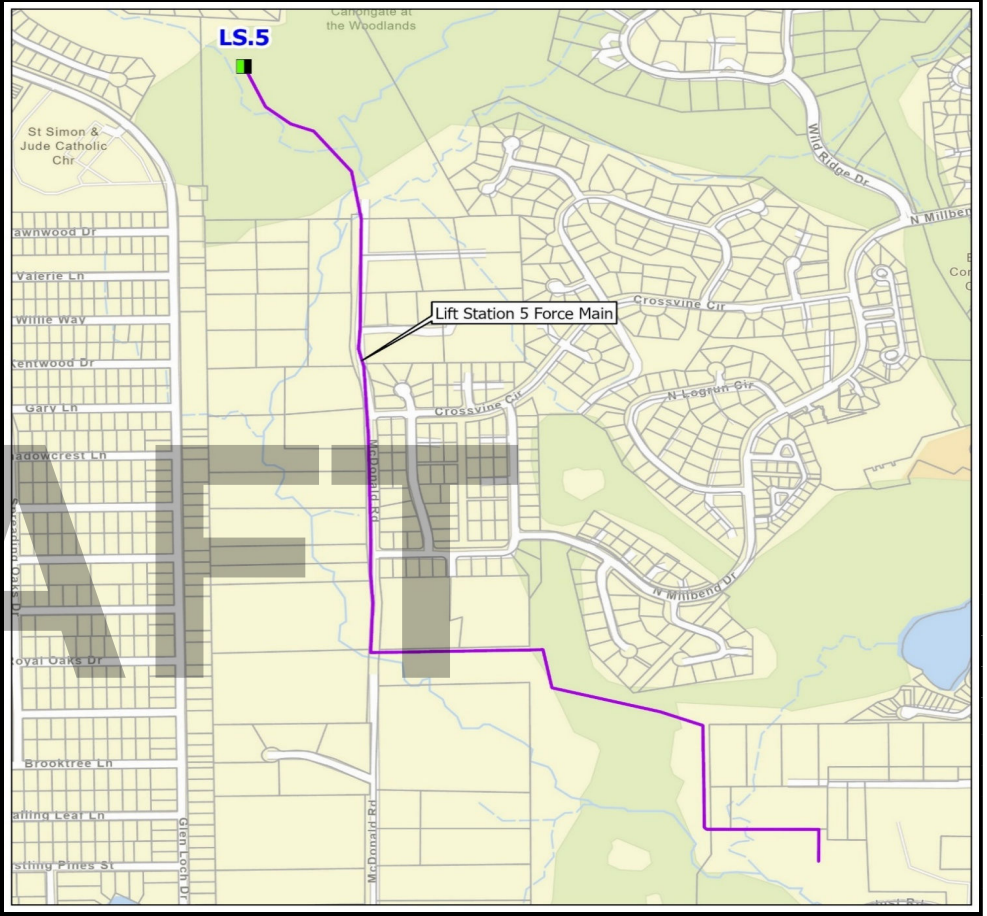
PROJECT DESCRIPTION

As part of the Wastewater Strategic Plan, a comprehensive evaluation was conducted to assess the feasibility and projected costs associated with the construction of a gravity wastewater system aimed at eliminating up to five lift stations and their associated force mains within the WWTF No. 1 service area.

Following the completion of an Impact Analysis Study, Route Feasibility Study, and Life Cycle Cost Analysis, it was concluded that maintaining the existing operation and maintenance framework of the wastewater collection system would be the most cost-effective strategy over a 50-year horizon, with no elimination of lift stations. This recommendation was provided to the Woodlands MUDs and Trustees who voted in favor of replacing the Lift Station No. 5 force main in March 2026.

Therefore, the approximately 8,100 linear feet of 24-inch cement mortar lined ductile iron force main conveying pressurized flow from Lift Station No. 5 to Wastewater Treatment Facility No. 1 will be replaced. This line has already failed in the past requiring replacement of small sections of pipe. Design and land acquisition for replacement of the force main had been completed, but was placed on hold for the Wastewater Strategic Plan. The design will need to be reviewed and updated as necessary, and a new topographic survey completed.

PROJECT MAP/PICTURE



BUDGET

Original Budget:	$ -	Proposed Budget Amendment:	$ -
Prior FY Approved Amendments:	$ 9,546,938	Total Proposed Budget:	$ 9,546,938

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	Completed	☑ CSP	☐ O&M
PSA/WO Issued:	Completed	☐ QUOTES	☐ BONDS
Final Proposal Docs:	FY 2027 - Q3	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2027 - Q4	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2027 - Q4		☐ OTHER
Substantial Completion:	FY 2029 - Q4		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 399,938	$ 50,000	$ 349,938	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 8,315,000	$ -	$ 170,000	$ 3,926,000	$ 4,219,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 832,000	$ -	$ 17,000	$ 393,000	$ 422,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Property Cost	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition Team	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 9,546,938	$ 50,000	$ 536,938	$ 4,319,000	$ 4,641,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Wastewater System Manhole Rehabilitation	WWMHRB	2027-2036	The Woodlands

PROJECT DESCRIPTION

The SJRA Wholesale Wastewater Conveyance System contains approximately 1,500 sanitary manholes. Over time, the corrosive environment of gases within the sewer system cause the concrete structure and reinforcement to deteriorate. As the concrete structure breaks down, the manhole loses structural integrity and allows inflow and infiltration to occur.

This project is the continuation of an on-going effort to rehabilitate up to 20 manholes per year by removing the deteriorated material in the manhole, cleaning the manhole, and coating the manhole with an inert epoxy or calcium aluminate coating that will enhance the structural integrity of the manhole, slow further deterioration, and fix areas where inflow and infiltration occur.

In the fiscal year prior to this project, SJRA staff conducted a review and assessment of possible manholes to determine a priority list.

PROJECT MAP/PICTURE

BUDGET

Original Budget:	$ -	Proposed Budget Amendment:	$ -
Prior FY Approved Amendments:	$ -	Total Proposed Budget:	$ 1,156,000

PROJECT SCHEDULE

		DELIVERY	FUNDING
Initiate Cons. Selection:	As Needed	☐ CSP	☐ O&M
PSA/WO Issued:	As Needed	☐ QUOTES	☐ BONDS
Final Proposal Docs:	As Needed	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	As Needed	☑ OTHER	☐ GRANTS
Constr. Contract to Board:	As Needed		☐ OTHER
Substantial Completion:	As Needed	RFP	

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 1,156,000	$ -	$ 124,000	$ 124,000	$ 124,000	$ 124,000	$ 110,000	$ 110,000	$ 110,000	$ 110,000	$ 110,000	$ 110,000
CPS, CM&I, and CMT	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,156,000	$ -	$ 124,000	$ 124,000	$ 124,000	$ 124,000	$ 110,000	$ 110,000	$ 110,000	$ 110,000	$ 110,000	$ 110,000

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Wastewater Facility Painting and Coating	WWFPAC	2027-2036	The Woodlands

PROJECT DESCRIPTION

Painting and coating of wastewater system components is done annually to ensure protection against corrosion such as rust and hydrogen sulfide. All wastewater system components are reviewed annually and a priority list is developed that is used to select the assets that need painting or coating.

Painting and coating activities can include removal all existing paint or coating material, priming the asset, and painting or coating the asset with a material that will protect the asset.

PROJECT MAP/PICTURE

BUDGET

Original Budget:	$ -	Proposed Budget Amendment:	$ -
Prior FY Approved Amendments:	$ -	Total Proposed Budget:	$ 460,000

PROJECT SCHEDULE

Initiate Cons. Selection:	As Needed
PSA/WO Issued:	As Needed
Final Proposal Docs:	As Needed
Proposals/Bids Received:	As Needed
Constr. Contract to Board:	As Needed
Substantial Completion:	As Needed

DELIVERY	FUNDING
☐ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☐ PROFESSIONAL	☑ R&R
☑ OTHER	☐ GRANTS
RFP	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 460,000	$ -	$ 40,000	$ 41,000	$ 43,000	$ 44,000	$ 45,000	$ 47,000	$ 48,000	$ 49,000	$ 51,000	$ 52,000
CPS, CM&I, and CMT	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 460,000	$ -	$ 40,000	$ 41,000	$ 43,000	$ 44,000	$ 45,000	$ 47,000	$ 48,000	$ 49,000	$ 51,000	$ 52,000

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
WWTF No. 2 Belt Press and Conveyor Replacement	WW2SCR	2027-2030	The Woodlands

PROJECT DESCRIPTION

Wastewater Treatment Facility (WWTF) No. 2 includes a 1.5 meter wide belt press and sludge conveyor system, installed in 1997. Additionally, in 2003 a 2.0 meter wide belt press was installed. These belt filter presses and the conveyor are experiencing recurring mechanical issues which require more frequent repairs. These issues and repairs include inoperable and/or leaking belt press pump, belts that require more frequent replacement, polymer piping breaks, and inoperable flow meters. Replacing both belt presses with modern technology is expected to increase the percentage of solids production, decrease the chemical costs, and decrease overall operation and maintenance costs. The metal building will also be replaced as structural members and sheathing are corroding due to the humid and corrosive environment. The PER portion of the project will include a condition assessment of the belt press facility. The schedule for design and construction may be adjusted based upon the results of the assessment.

The current conveyor system is steep and has required modification since its installation to reduce potential safety issues. The current belt-type conveyor system is proposed to be replaced with a screw-type conveyance system. The screw-type conveyor is in an enclosed unit, which will prevent spillage of dewatered sludge onto the floor, minimizing the need for regular cleaning and potential water contamination.

Costs for this project were estimated based upon a previous belt press facility constructed at WWTF No. 1, as well as condition assessment and capacity studies in 2016 and 2022. The improved dewatering at the new facility created a cost savings from both sludge disposal and polymer usage costs.

PROJECT MAP/PICTURE

BUDGET

Original Budget:	$ -	Proposed Budget Amendment:	$ -
Prior FY Approved Amendments:	$ -	Total Proposed Budget:	$ 8,366,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2027 - Q1
PSA/WO Issued:	FY 2027 - Q2
Final Proposal Docs:	FY 2028 - Q2
Proposals/Bids Received:	FY 2028 - Q2
Constr. Contract to Board:	FY 2028 - Q3
Substantial Completion:	FY 2030 - Q3

DELIVERY	FUNDING
☑ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☐ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 611,000	$ -	$ 611,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 625,000	$ -	$ 122,000	$ 503,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 6,482,000	$ -	$ -	$ 1,573,000	$ 3,240,000	$ 1,669,000	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 648,000	$ -	$ -	$ 157,000	$ 324,000	$ 167,000	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 8,366,000	$ -	$ 733,000	$ 2,233,000	$ 3,564,000	$ 1,836,000	$ -	$ -	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Sanitary Sewer Flow Monitoring and Condition Assessment	*WWSSFC*	2028-2029	The Woodlands

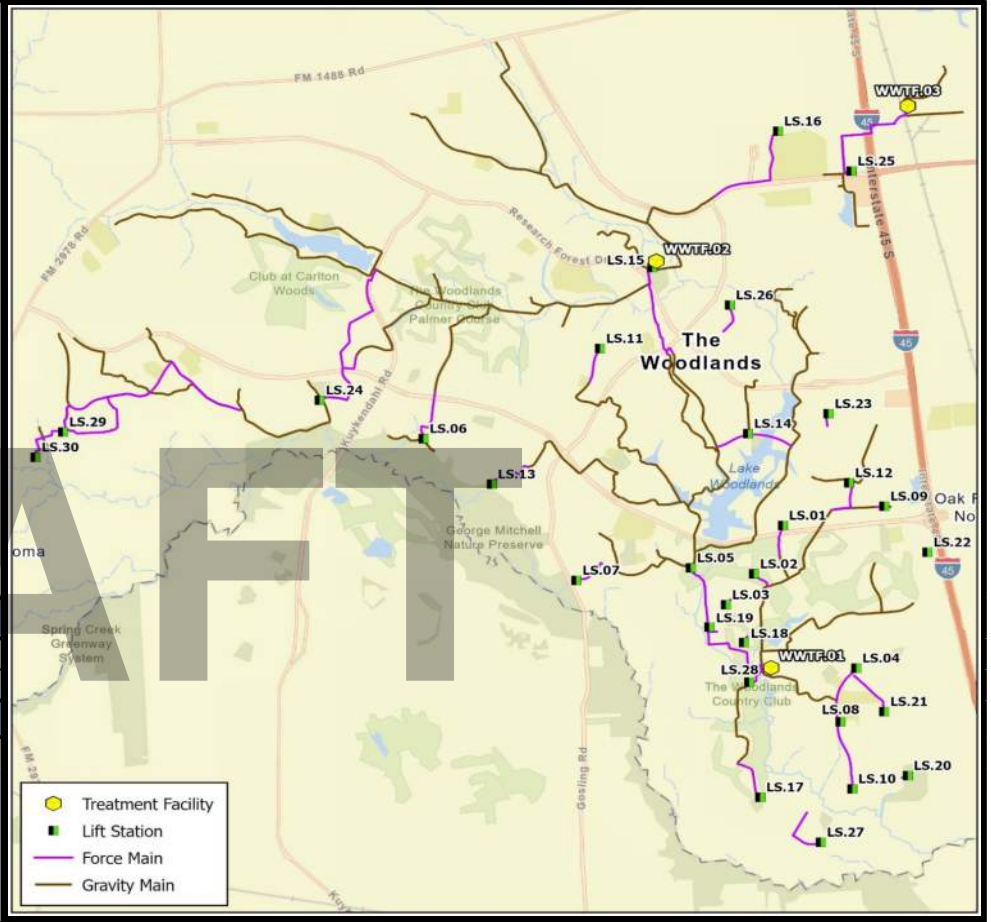
PROJECT DESCRIPTION

Through the Asset Management Program and the Sanitary Sewer Transmission Assessment and Renewal (SSTAR) Program completed in August 2020, five specific line segments were identified as high risk for failure and should be rehabilitated within the next few years. The SSTAR Program also placed up to 65 flow meters in the sanitary sewer lines to determine areas of high inflow & infiltration with the wholesale and retail systems.

The SSTAR Program conducted in 2019 and 2020 included a condition assessment consisting of closed circuit television (CCTV) inspection and analysis of expected remaining useful life of sanitary sewer lines in The Woodlands that are made of concrete or ductile iron. CCTV video footage showed significant deterioration of the existing gravity mains, including corrosion at the water-line, eroded joints allowing infiltration, and significant cracking and delamination of the internal liner, both above and below the water-line, allowing for corrosion of ductile iron underneath. Due to the significant service area these line serves, as well as its proximity to water bodies, and public interaction, these sanitary sewer lines were identified as high priority.

The proposed project would re-deploy up to 65 flow meters through the wholesale and retail sanitary sewer systems and compare the flow monitoring results received to the flow monitoring results in 2019/2020. Additionally, the four remaining sanitary sewer lines that were identified as needing rehabilitation along with lift station force mains that are not made of PVC or HDPE would be reassessed and a recommended rehabilitation or replacement schedule would be identified. The reassessment of the sanitary sewer lines would include destructive and non-destructive testing including CCTV and physical samples (coupons) sent in for lab testing.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 2,800,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2028
PSA/WO Issued:	FY 2028
Assessment Completion:	FY 2029

DELIVERY	FUNDING
☐ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☑ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 2,800,000	$ -	$ -	$ 1,379,000	$ 1,421,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 2,800,000	$ -	$ -	$ 1,379,000	$ 1,421,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
WWTF No. 2 Condition Assessment	*WWP2CA*	2028-2029	The Woodlands

PROJECT DESCRIPTION

WWTF No. 2 was placed into service in 1998 and in 2005, expanded to its current capacity of 6.0 MGD. Based on the WWTF No. 1 Condition Assessment that was conducted, a similar study is proposed to evaluate the overall condition of WWTF No. 2 to identify improvements that can be made to maintain and extend the life of the facility.

The WWTF No. 2 Condition Assessment will focus on all aspects of the facility including all concrete and metal structures, process piping, and mechanical assets. During this assessment, destructive and non-destructive testing will be conducted to ensure lab results match the visual observations and analysis. The non-destructive visual observations will be conducted by licensed and trained Professional Engineers in electrical, structural, and mechanical specialties. The destructive testing will include concrete testing and coupons from piping where possible.

The deliverable of this Condition Assessment will be a planning level document that will recommend improvements to the facility to maintain and extend the service life of assets (such as concrete coating) and a rehabilitation schedule for assets that are below their service life.

PROJECT MAP/PICTURE

BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 651,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2028
PSA/WO Issued:	FY 2028
Assessment Completion:	FY 2029

DELIVERY	FUNDING
☐ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☑ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 651,000	$ -	$ -	$ 321,000	$ 330,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 651,000	$ -	$ -	$ 321,000	$ 330,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
WWTF No. 2 Clarifier Rehabilitation	WW02CR	2031-2032	The Woodlands

PROJECT DESCRIPTION

Two clarifiers at Wastewater Treatment Facility (WWTF) No. 2 were installed in 1995, and one clarifier was installed in 2003. The existing metal components are beginning to show signs of corrosion, however, the corrosion is currently being monitored and temporarily mitigated with patch repairs. The mechanical equipment in all three clarifiers is still in usable condition but is beyond or reaching the end of their useful life (20 years). Therefore, it is recommended to replace this metal and mechanical equipment prior to failure at all three clarifiers. SJRA will continue to monitor the condition of the clarifier components, and will adjust the project schedule accordingly. A condition assessment of WWTF No. 2 is scheduled to take place before this project in order to re-evaluate the deterioration of the clarifier equipment to verify the timeline for full rehabilitation.

The potential scope of the project includes replacement of the mechanical components of Clarifier Nos. 1, 2 and 3 including clarifier mechanisms, weirs and baffles, weir cleaning brushes, electrical, and instrumentation. This includes replacement of single skimmer arms with dual skimmer arms, and replacement of the Clarifier No. 3 stilling well.

Costs are estimated using previous clarifier rehabilitation pricing and recent mechanical equipment pricing.

PROJECT MAP/PICTURE

BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 2,011,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2030	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2031	☐ QUOTES	☐ BONDS
Final Proposal Docs:	FY 2031	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2031	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2031		☐ OTHER
Substantial Completion:	FY 2032		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 163,000	$ -	$ -	$ -	$ -	$ -	$ 163,000	$ -	$ -	$ -	$ -	$ -
Construction	$ 1,680,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,680,000	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 168,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 168,000	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 2,011,000	$ -	$ -	$ -	$ -	$ -	$ 163,000	$ 1,848,000	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
WWTF No. 2 Basin Coating	WWP2BC	2031-2033	The Woodlands

PROJECT DESCRIPTION

Wastewater Treatment Facility No. 2 (WWTF No. 2) was primarily constructed in two phases, with Phase I occurring in 1995 and Phase II occurring in 2003. Long-term exposure to corrosive gas in the wastewater facility will degrade the concrete structures over-time. The basins at Wastewater Treatment Facility No. 2 exposed to the most corrosive gases are the aeration basins, digester, and thickener. To remedy any damage and prevent further concrete degradation and maintain service life, the basins will be coated with a material which will provide additional structural integrity as well as protect the concrete from further degradation over time. A condition assessment of WWTF No. 2 will be performed before this project in order to better define the extent of repairs and coating work that will need to be done.

PROJECT MAP/PICTURE

BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 4,003,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2031	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2031	☐ QUOTES	☐ BONDS
Final Proposal Docs:	FY 2032	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2032	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2032		☐ OTHER
Substantial Completion:	FY 2033		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 325,000	$ -	$ -	$ -	$ -	$ -	$ 160,000	$ 165,000	$ -	$ -	$ -	$ -
Construction	$ 3,343,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,647,000	$ 1,696,000	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 335,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 165,000	$ 170,000	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 4,003,000	$ -	$ -	$ -	$ -	$ -	$ 160,000	$ 1,977,000	$ 1,866,000	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
WWTF No. 3 Condition Assessment	*WWP3CA*	2032-2033	The Woodlands

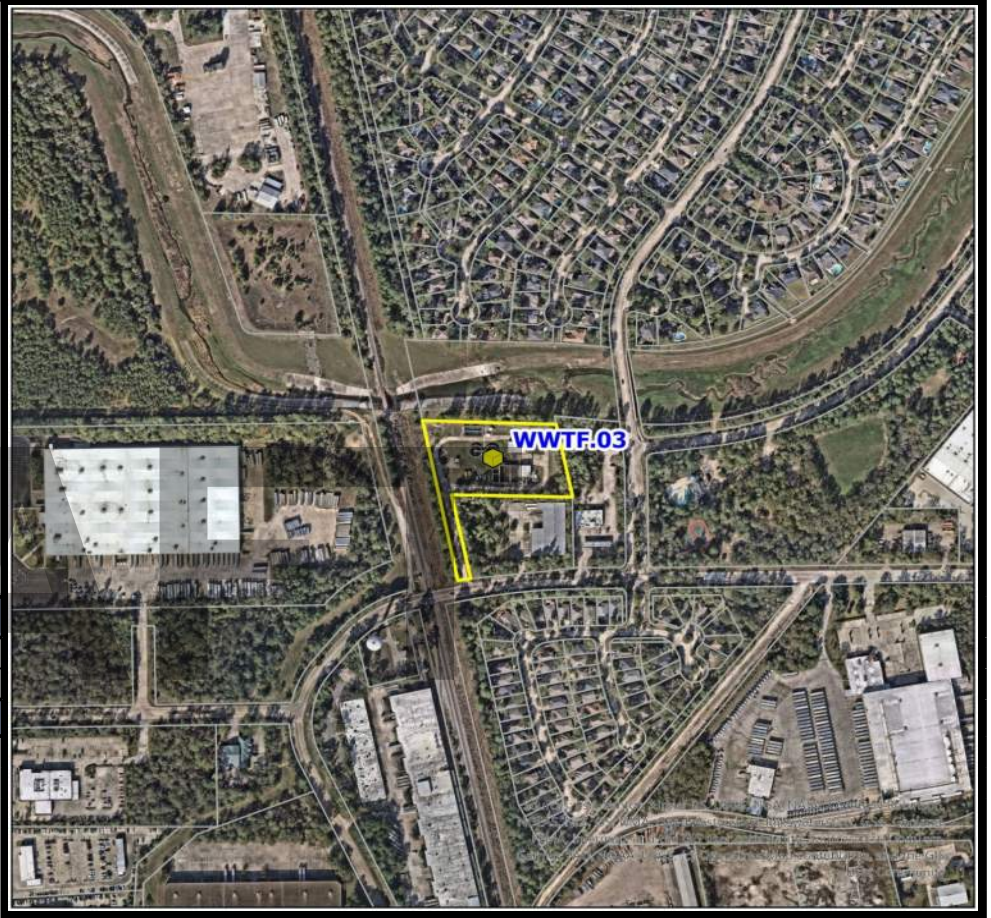
PROJECT DESCRIPTION

WWTF No. 3 was placed into service in 2003 with its current capacity of 0.9 MGD. Based on the WWTF No. 1 Condition Assessment that was conducted, a similar study is proposed to evaluate the overall condition of WWTF No. 3 to identify improvements that can be made to maintain and extend the life of the facility.

The WWTF No. 3 Condition Assessment will focus on all aspects of the facility including all concrete and metal structures, process piping, and mechanical assets. During this assessment, destructive and non-destructive testing will be conducted to ensure lab results match the visual observations and analysis. The non-destructive visual observations will be conducted by licensed and trained Professional Engineers in electrical, structural, and mechanical specialties. The destructive testing will include concrete testing and coupons from piping where possible.

The deliverable of this Condition Assessment will be a planning level document that will recommend improvements to the facility to maintain and extend the service life of assets (such as concrete coating) and a rehabilitation schedule for assets that are below their service life.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 489,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2032
PSA/WO Issued:	FY 2032
Assessment Completion:	FY 2033

DELIVERY	FUNDING
☐ CSP	☐ O&M
☐ QUOTES	☐ BONDS
☑ PROFESSIONAL	☑ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 489,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 241,000	$ 248,000	$ -	$ -	$ -
CPS, CM&I, and CMT	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 489,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 241,000	$ 248,000	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
WWTF No. 2 Blower Replacement	WWP2BR	2032-2034	The Woodlands

PROJECT DESCRIPTION

Phase I of Wastewater Treatment Facility No. 2 was constructed in 1995. The blowers for the aeration basins and the post-aeration blowers at the filter basin are original to the 1995 construction and are reaching the end of their useful life. A condition assessment of WWTF No. 2 will be performed before this project in order to better define the extent of their performance and condition to better define the replacement schedule. When replaced, the blowers are planned to be replaced with high-efficiency positive displacement blowers of equal capacity. It is anticipated the size of the blowers at the aeration basin will be increased from 150 hp to 200 hp, but this will be verified during the assessment.

PROJECT MAP/PICTURE

BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 5,227,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2032	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2032	☐ QUOTES	☐ BONDS
Final Proposal Docs:	FY 2032	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2033	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2033		☐ OTHER
Substantial Completion:	FY 2034		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 387,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 387,000	$ -	$ -	$ -	$ -
Engineering/Design	$ 394,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 194,000	$ 200,000	$ -	$ -	$ -
Construction	$ 4,042,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,295,000	$ 1,747,000	$ -	$ -
CPS, CM&I, and CMT	$ 404,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 229,000	$ 175,000	$ -	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 5,227,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 581,000	$ 2,724,000	$ 1,922,000	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
WWTF No. 3 Clarifier Rehabilitation	WW03CR	2034-2035	The Woodlands

PROJECT DESCRIPTION

The two clarifiers at Wastewater Treatment Facility (WWTF) No. 3 were installed in 2001. The existing metal components are beginning to show signs of corrosion, however, the corrosion is currently being monitored and temporarily mitigated with patch repairs. The mechanical equipment is still operational but is beyond the end of its expected useful life (20 years). Therefore, it is recommended to plan to replace the mechanical and metal equipment in both clarifiers. SJRA will continue to monitor the condition of the clarifier components, and will adjust the project schedule accordingly. A condition assessment of WWTF No. 3 is scheduled to take place before this project in order to re-evaluate the deterioration of the clarifier equipment to verify the timeline for full rehabilitation.

The project includes replacement of the mechanical components of Clarifier Nos. 1 and 2 including clarifier mechanisms, weirs and baffles, weir cleaning brushes, electrical, and instrumentation.

PROJECT MAP/PICTURE

BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 1,046,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2034	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2034	☐ QUOTES	☐ BONDS
Final Proposal Docs:	FY 2034	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2034	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2034		☐ OTHER
Substantial Completion:	FY 2035		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 85,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 85,000	$ -	$ -
Construction	$ 874,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 874,000	$ -
CPS, CM&I, and CMT	$ 87,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 87,000	$ -
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,046,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 85,000	$ 961,000	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
WWTF No. 3 Blower Replacement	WWP3BR	2035-2036	The Woodlands

PROJECT DESCRIPTION

Three of the four blowers for the aeration basins and digester basins at Wastewater Treatment Facility No. 3 (WWTF No. 3) were installed as part of the facility construction completed in 2001. The fourth blower was installed in 2024. These three blowers installed are reaching the end of their useful life. A condition assessment of WWTF No. 3 will be performed before this project in order to better define the extent of their performance and condition to better define the replacement schedule. When replaced, the blowers are planned to be replaced with high-efficiency positive displacement blowers of equal capacity.

PROJECT MAP/PICTURE

BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 2,330,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2035	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2035	☐ QUOTES	☐ BONDS
Final Proposal Docs:	FY 2035	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2035	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2036		☐ OTHER
Substantial Completion:	FY 2036		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 175,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 175,000	$ -
Engineering/Design	$ 175,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 175,000	$ -
Construction	$ 1,800,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,800,000
CPS, CM&I, and CMT	$ 180,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 180,000
Land Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 2,330,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 350,000	$ 1,980,000

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
South Shore Gravity Main Rehabilitation	WW21GR	2021-2028	The Woodlands

PROJECT DESCRIPTION

Some wastewater lines within the collection system have been in service for over 40 years. The aging system requires rehabilitation to avoid collection system failure, sewage overflows, and permit violations. Through the Asset Management Program and the Sanitary Sewer Transmission Assessment and Renewal (SSTAR) Program, specific line segments were identified as high risk for failure and should be replaced or rehabilitated in the near term.

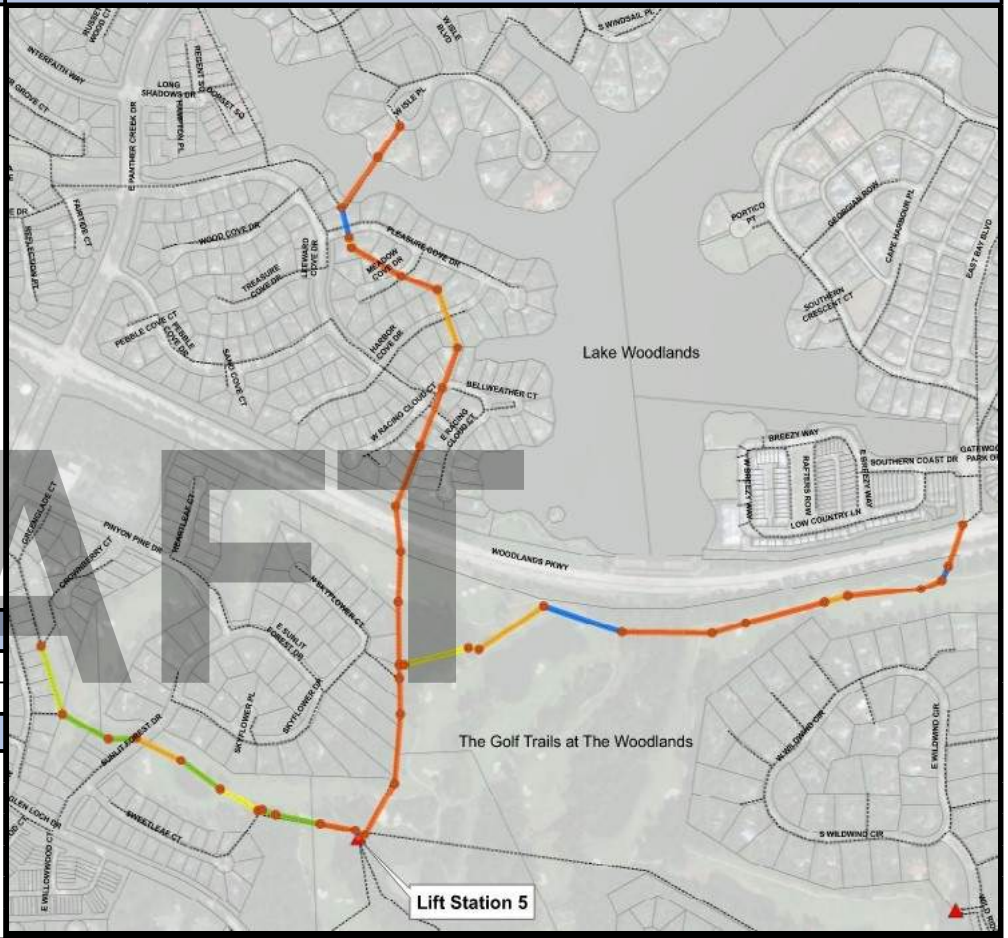
The SSTAR Program conducted in 2019 and 2020 included a condition assessment consisting of closed circuit television (CCTV) inspection and analysis of expected remaining useful life. CCTV video footage showed significant deterioration of the existing gravity mains, requiring rehabilitation or replacement. Additionally, these line segments were scored with a high consequence of failure, due to their location, difficulties with access, and their criticality.

This project proposes to renew approximately 9,800 linear feet of existing sanitary sewer gravity mains varying in size from 15-inch to 42-inch, by the cured-in-place pipe (CIPP) pipe lining method, as well as television inspection, bypass pumping to maintain sewer flows during construction, rehabilitation of manholes along the sanitary sewer alignment, service reconnections by remote, and mechanical cleaning if needed.

Active communication with the residents of the affected West Lake and West Isle areas, as well as the golf course, to coordinate and schedule the necessary work and routing of bypass pump piping is ongoing.

A minor increase in budget occurred due to inflation in cost of rehabilitation work.

PROJECT MAP/PICTURE



BUDGET

Original Budget:	$ 12,954,321	Proposed Budget Amendment:	$ 60,000
Prior FY Approved Amendments:	$ -	Total Proposed Budget:	$ 13,014,321

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	Completed	☑ CSP	☐ O&M
PSA/WO Issued:	Completed	☐ QUOTES	☑ BONDS
Final Proposal Docs:	FY 2026 - Q4	☐ PROFESSIONAL	☑ R&R
Proposals/Bids Received:	FY 2027 - Q1	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2027 - Q1		☐ OTHER
Substantial Completion:	FY 2028 - Q4		2017 Bonds

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 213,888	$ 213,888	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 640,433	$ 640,433	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ 11,009,000	$ -	$ 5,423,000	$ 5,586,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 1,101,000	$ -	$ 542,000	$ 559,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Property Cost	$ 5,000	$ 5,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land Acquisition Team	$ 45,000	$ 45,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total**	$ 13,014,321	$ 904,321	$ 5,965,000	$ 6,145,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

**$263,888 is R&R Funds; $12,750,433 is 2017 Bond Funds

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Gravity Main Rehabilitation - Hughes Landing and East Shore	WW23GR	2030-2032	The Woodlands

PROJECT DESCRIPTION

Some wastewater lines within the collection system have been in service for over 40 years. The aging system requires rehabilitation to avoid collection system failure, sewage overflows, and permit violations. Through the Asset Management Program and the Sanitary Sewer Transmission Assessment and Renewal (SSTAR) Program, specific line segments were identified as high risk for failure and should be rehabilitated within the next few years.

The SSTAR Program conducted in 2019 and 2020 included a condition assessment consisting of closed circuit television (CCTV) inspection and analysis of expected remaining useful life. CCTV video footage showed significant deterioration of the existing gravity main, including corrosion at the water-line, eroded joints allowing infiltration, and significant cracking and delamination of the internal liner, both above and below the water-line, allowing for corrosion of ductile iron underneath. Due to the significant service area this line serves, as well as its proximity to The Woodlands Waterway and Lake Woodlands, this line is considered high in criticality. The line segments included in this project include approximately 5,000 linear feet of 42" ductile iron (DI) pipe located east of Lake Woodlands. These segments were installed in 2000-2001.

The cost is based upon results from the SSTAR Program with inflation added to the proposed years to design and construct. In FY2028-2029, a condition assessment and flow monitoring study will be conducted as a follow-up to the SSTAR Program to evaluate continued condition degradation and changes in I&I into the SJRA wastewater system. This will potentially lead to a re-evaluation of the line rehabilitation prioritization. This project was deferred by 2 years to allow for the FY2028-2029 study to be completed.

PROJECT MAP/PICTURE

BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 10,805,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2030	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2030	☐ QUOTES	☑ BONDS
Final Proposal Docs:	FY 2030	☐ PROFESSIONAL	☐ R&R
Proposals/Bids Received:	FY 2031	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2031		☐ OTHER
Substantial Completion:	FY 2032		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 752,000	$ -	$ -	$ -	$ -	$ 752,000	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 769,000	$ -	$ -	$ -	$ -	$ 188,000	$ 581,000	$ -	$ -	$ -	$ -	$ -
Construction	$ 7,915,000	$ -	$ -	$ -	$ -	$ -	$ 1,935,000	$ 5,980,000	$ -	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 792,000	$ -	$ -	$ -	$ -	$ -	$ 194,000	$ 598,000	$ -	$ -	$ -	$ -
Land Acquisition	$ 577,000	$ -	$ -	$ -	$ -	$ 248,000	$ 329,000	$ -	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 10,805,000	$ -	$ -	$ -	$ -	$ 1,188,000	$ 3,039,000	$ 6,578,000	$ -	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Gravity Main Rehabilitation - North Bear Branch	WW25GR	2031-2033	The Woodlands

PROJECT DESCRIPTION

Some wastewater lines within the collection system have been in service for over 40 years. The aging system requires rehabilitation to avoid collection system failure, sewage overflows, and permit violations. Through the Asset Management Program and the Sanitary Sewer Transmission Assessment and Renewal (SSTAR) Program, specific line segments were identified as high risk for failure and should be rehabilitated within the next few years.

The SSTAR Program conducted in 2019 and 2020 included a condition assessment consisting of closed circuit television (CCTV) inspection and analysis of expected remaining useful life. CCTV video footage showed significant deterioration of the existing gravity main, including corrosion at the water-line, eroded joints allowing infiltration, vegetative growth entering the pipe, and erosion of the internal liner, which left untreated, could eventually wear to the ductile iron, resulting in more corrosion. Due to environmental sensitivity of this location adjacent to Bear Branch Reservoir and nearby wetland areas, this line is considered high in criticality. The line segments included in this project include approximately 1,400 linear feet of 18" ductile iron (DI) pipe, 3300 linear feet of 21" DI pipe, and 2100 linear feet of 24" DI pipe. These segments were installed in 1997.

The cost is based upon results from the SSTAR Program with inflation added to the proposed years to design and construct. In FY2028-2029, a condition assessment and flow monitoring study will be conducted as a follow-up to the SSTAR Program to evaluate continued condition degradation and changes in I&I into the SJRA wastewater system. This will potentially lead to a re-evaluation of the line rehabilitation prioritization. This project was deferred by 2 years to allow for the FY2028-2029 study to be completed.

PROJECT MAP/PICTURE

BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 7,589,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2031	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2031	☐ QUOTES	☑ BONDS
Final Proposal Docs:	FY 2032	☐ PROFESSIONAL	☐ R&R
Proposals/Bids Received:	FY 2032	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2032		☐ OTHER
Substantial Completion:	FY 2033		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 514,000	$ -	$ -	$ -	$ -	$ -	$ 514,000	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 526,000	$ -	$ -	$ -	$ -	$ -	$ 129,000	$ 397,000	$ -	$ -	$ -	$ -
Construction	$ 5,414,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,324,000	$ 4,090,000	$ -	$ -	$ -
CPS, CM&I, and CMT	$ 541,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 132,000	$ 409,000	$ -	$ -	$ -
Land Acquisition	$ 594,000	$ -	$ -	$ -	$ -	$ -	$ 255,000	$ 339,000	$ -	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 7,589,000	$ -	$ -	$ -	$ -	$ -	$ 898,000	$ 2,192,000	$ 4,499,000	$ -	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Gravity Main Rehabilitation - Upper Panther Branch	WW27GR	2032-2034	The Woodlands

PROJECT DESCRIPTION

Some wastewater lines within the collection system have been in service for over 40 years. The aging system requires rehabilitation or renewal to avoid collection system failure, sewage overflows, and permit violations. Through the Asset Management Program, specific line segments were identified as high risk for failure and should be rehabilitated within the next few years.

The SSTAR Program conducted in 2019 and 2020 included assessment of the expected remaining useful life for collection system assets. The fiberglass reinforced plastic (FRP) pipe is showing signs of extensive wear from flow and offgasing from the wastewater. Continued wear without remediation could eventually lead to the pipe being structurally compromised. Due to environmental sensitivity of this location adjacent to Upper Panther Branch and nearby wetland areas, this line is considered high in criticality.

The line segments included in this project include approximately 4,300 linear feet of 30" FRP pipe located north of Research Forest Drive, near Wastewater Treatment Facility No. 2.

The cost is based upon results from the SSTAR Program with inflation added to the proposed years to design and construct. In FY2028-2029, a condition assessment and flow monitoring study will be conducted as a follow-up to the SSTAR Program to evaluate continued condition degradation and changes in I&I into the SJRA wastewater system. This will potentially lead to a re-evaluation of the line rehabilitation prioritization. This project was deferred by 2 years to allow for the FY2028-2029 study to be completed.

PROJECT MAP/PICTURE

BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 12,627,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2032	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2032	☐ QUOTES	☑ BONDS
Final Proposal Docs:	FY 2033	☐ PROFESSIONAL	☐ R&R
Proposals/Bids Received:	FY 2033	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2033		☐ OTHER
Substantial Completion:	FY 2034		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 886,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 886,000	$ -	$ -	$ -	$ -
Engineering/Design	$ 906,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 222,000	$ 684,000	$ -	$ -	$ -
Construction	$ 9,332,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,282,000	$ 7,050,000	$ -	$ -
CPS, CM&I, and CMT	$ 933,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 228,000	$ 705,000	$ -	$ -
Land Acquisition	$ 570,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 221,000	$ 349,000	$ -	$ -	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 12,627,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,329,000	$ 3,543,000	$ 7,755,000	$ -	$ -

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Gravity Main Rehabilitation - West of Lake Woodlands	WW31GR	2034-2036	The Woodlands

PROJECT DESCRIPTION

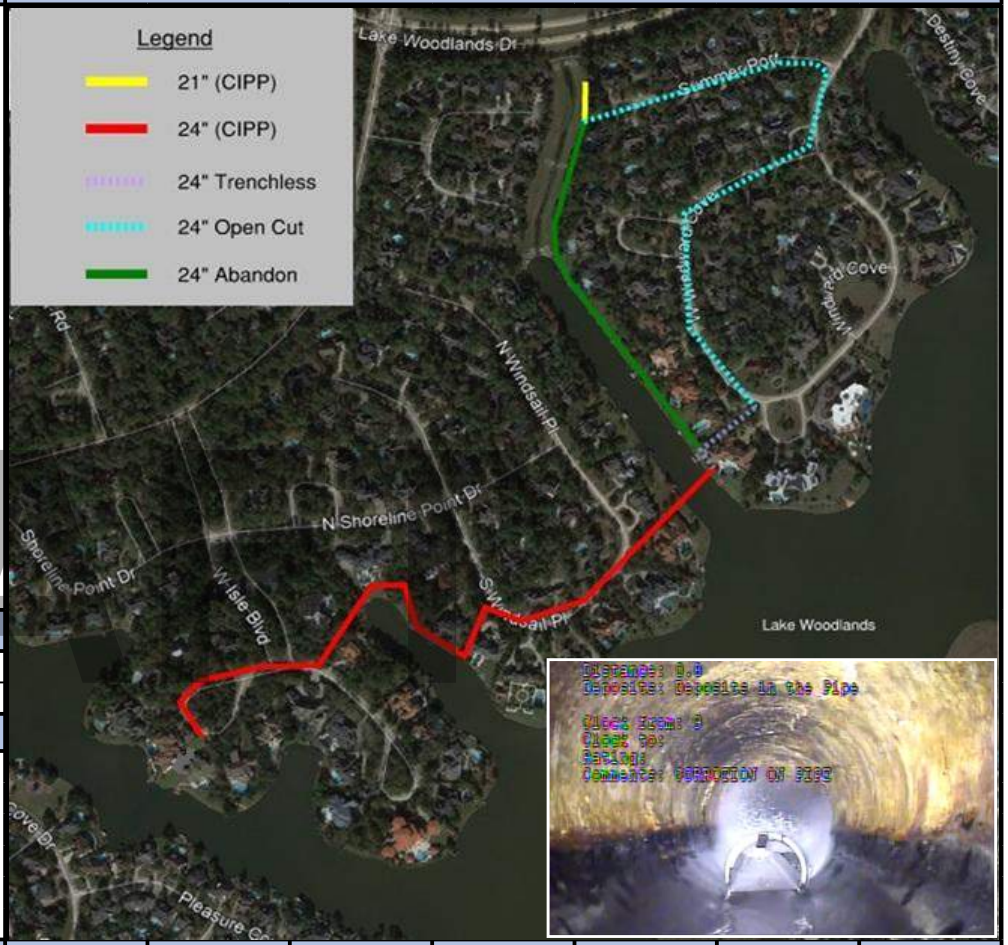
Some wastewater lines within the collection system have been in service for over 40 years. The aging system requires rehabilitation or renewal to avoid collection system failure, sewage overflows, and permit violations. Through the Asset Management Program, specific line segments were identified as high risk for failure and should be rehabilitated within the next few years.

The SSTAR Program conducted in 2019 and 2020 included a condition assessment consisting of closed circuit television (CCTV) inspection and analysis of expected remaining useful life. CCTV video footage showed deterioration of the existing gravity main, including corrosion at the water-line, eroded joints allowing infiltration, and erosion of the internal liner, which over time would expose the ductile iron, leading to more extensive corrosion. Due to the significant service are this line serves, as well as its proximity to Lake Woodlands, this line is considered high in criticality.

The line segments included in this project include approximately rehabilitation of 150 LF of 21-inch vitrified clay pipe (VCP) and 3,200 LF of 24-inch ductile iron (DI) pipe, and installation of 2,867 LF of 24-inch sanitary sewer line and abandonment of 1,475 LF of 24-inch DI pipe.

The cost is based upon results from the SSTAR Program with inflation added to the proposed years to design and construct. In FY2028-2029, a condition assessment and flow monitoring study will be conducted as a follow-up to the SSTAR Program to evaluate continued condition degradation and changes in I&I into the SJRA wastewater system. This will potentially lead to a re-evaluation of the line rehabilitation prioritization. This project was deferred by 2 years to allow for the FY2028-2029 study to be completed.

PROJECT MAP/PICTURE



BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 12,249,000

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	FY 2034	☑ CSP	☐ O&M
PSA/WO Issued:	FY 2034	☐ QUOTES	☑ BONDS
Final Proposal Docs:	FY 2035	☐ PROFESSIONAL	☐ R&R
Proposals/Bids Received:	FY 2035	☐ OTHER	☐ GRANTS
Constr. Contract to Board:	FY 2035		☐ OTHER
Substantial Completion:	FY 2036		

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ 854,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 854,000	$ -	$ -
Engineering/Design	$ 874,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 214,000	$ 660,000	$ -
Construction	$ 8,998,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,200,000	$ 6,798,000
CPS, CM&I, and CMT	$ 900,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 220,000	$ 680,000
Land Acquisition	$ 623,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 252,000	$ 371,000	$ -
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 12,249,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,320,000	$ 3,451,000	$ 7,478,000

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Gravity Main Rehabilitation - East of Lake Woodlands	WW32GR	2035-2037	The Woodlands

PROJECT DESCRIPTION

Some wastewater lines within the collection system have been in service for over 40 years. The aging system requires rehabilitation or renewal to avoid collection system failure, sewage overflows, and permit violations. Through the Asset Management Program, specific line segments were identified as high risk for failure and should be rehabilitated within the next few years.

The SSTAR Program conducted in 2019 and 2020 included a condition assessment consisting of closed circuit television (CCTV) inspection and analysis of expected remaining useful life. CCTV video footage showed significant deterioration of the existing gravity main, including corrosion at the water-line, eroded joints allowing infiltration, and cracking and delamination of the internal liner near the joints, both above and below the water-line, allowing for corrosion of ductile iron underneath. Due to the significant service are this line serves, as well as its proximity to Lake Woodlands, this line is considered high in criticality.

The line segments included in this project include rehabilitation of approximately 3,575 LF of 42-inch ductile iron (DI) gravity main.

The cost is based upon results from the SSTAR Program with inflation added to the proposed years to design and construct. In FY2028-2029, a condition assessment and flow monitoring study will be conducted as a follow-up to the SSTAR Program to evaluate continued condition degradation and changes in I&I into the SJRA wastewater system. This will potentially lead to a re-evaluation of the line rehabilitation prioritization. This project was deferred by 2 years to allow for the FY2028-2029 study to be completed.

PROJECT MAP/PICTURE

BUDGET

Estimated Original Budget:	$ -	Proposed Budget Adjustment:	$ -
Prior FY Adjustments:	$ -	Total Estimated Budget:	$ 8,190,000

PROJECT SCHEDULE

Initiate Cons. Selection:	FY 2035
PSA/WO Issued:	FY 2035
Final Proposal Docs:	FY 2036
Proposals/Bids Received:	FY 2036
Constr. Contract to Board:	FY 2036
Substantial Completion:	FY 2037

DELIVERY	FUNDING
☑ CSP	☐ O&M
☐ QUOTES	☑ BONDS
☐ PROFESSIONAL	☐ R&R
☐ OTHER	☐ GRANTS
	☐ OTHER

ESTIMATED CASH FLOW	TOTAL	PREVIOUS	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning/Permitting/PER	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Engineering/Design	$ 601,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 147,000	$ 454,000
Construction	$ 1,514,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,514,000
CPS, CM&I, and CMT	$ 151,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 151,000
Land Acquisition	$ 623,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 241,000	$ 382,000
Equipment Purchase	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 2,889,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 388,000	$ 2,501,000

* The project schedule extends past FY2036. The total estimated project budget is $8,190,000.