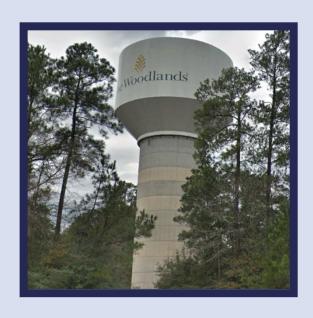


# The Woodlands 10-Year Project Plan 2023 – 2032









#### **The Woodlands**

Ten-Year Project Plan FY 2023 – FY 2032

Revision Date: March 1, 2022

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## The Woodlands Division Ten Year Project Plan Executive Summary FY 2023 – FY 2032 Projects

#### Introduction

The purpose of The Woodlands Division 10-Year Project Plan for Fiscal Years (FY) 2023 thru 2032 is to identify potential projects and associated funding requirements and sources to appropriately maintain and manage the SJRA Woodlands Division's extensive wholesale water supply and wastewater conveyance, and treatment assets; to continue to provide efficient and reliable services which is compliant to all state and federal regulations for the 11 Municipal Utility Districts (MUDs) in The Woodlands, Texas.

The Project Plan does not include consolidation of the wastewater treatment facilities projects. If the Woodlands MUDs determine consolidation will occur, this Project Plan will need to be revised accordingly.

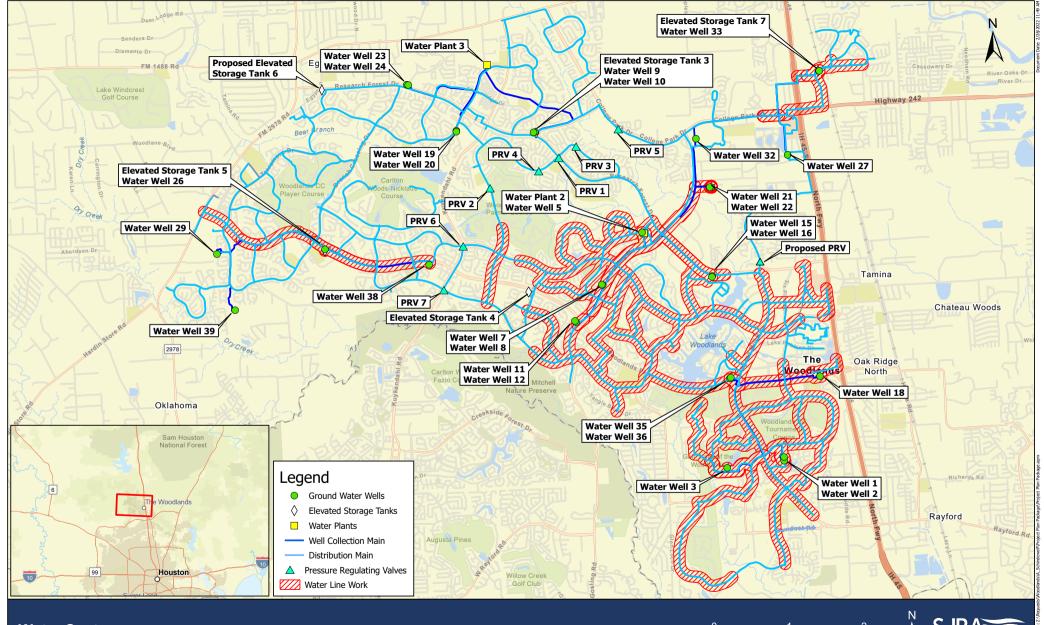
#### **Key Focus Areas:**

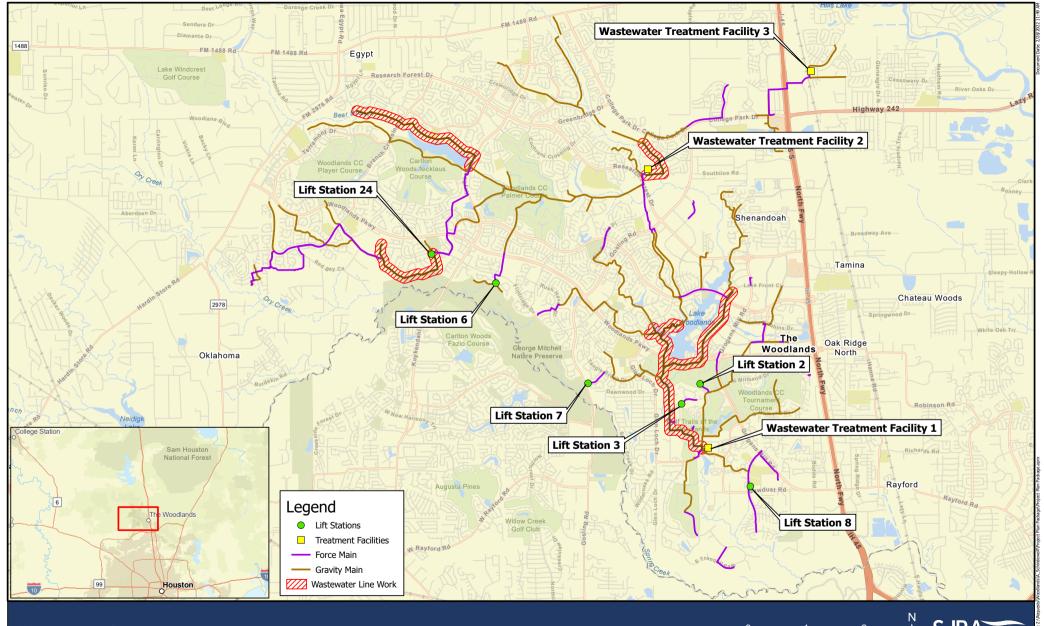
- Replacement of Aging Asbestos Cement Water Lines (235,000 LF)
- Replacement of Woodlands Parkway Water Line between FM2978 and Carlton Woods
- Renewal of Aging Water Wells (25)
- Renewal of Elevated Water Storage Tanks (4)
- Renewal or Replacement of Aging Gravity Sanitary Sewers, Lift Stations, and Force Mains (37,000 LF)
- Renewal or Replacement of Aging Wastewater Treatment Plant Components
- Construction of new Elevated Storage Tank

Total Project (All Proj		Funding Sour (10 – Year Per	
Previously Funded	\$41,215,449	Renewal & Replacement Fund Water	\$208,993,000
FY 2023	\$13,413,000	Renewal & Replacement Fund Wastewater	\$67,446,118
FY 2024	\$33,176,000	2-Hour Peak Flow Projects	\$61,957,000
FY 2025	\$70,516,000	Debt Financed	\$30,214,331
FY 2026 – FY 2032	\$212,327,000	Capacity Funded	\$2,037,000
Total	\$370,647,449	Total	\$370,647,449

#### **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.







#### Woodlands Project Summary - Water

D	PAGE	PROJECT		PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	_
MAILON   Support Linearing Water Line   St. 15,000   St. 27,000   St. 25,000   St	NO.	ID	PROJECT NAME	BUDGET	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	TOTAL
12   WANTEN   Pressure Regularing Value on Engigen fuel Road   \$ 2,000   \$ 7,000   \$ 5		WA21WL	Water Line Renewal					\$ -			\$ -	\$ -			5,671,000
13   WANSTER   Water System Technology Improvements   S	10	WATCPL	Harper's Landing Water Line	\$ 125,000	478,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ - \$	603,000
13   WAUSTON   Water September Technology Improvements   \$   \$   \$   \$   \$   \$   \$   \$   \$	11	WAPRVI	Pressure Regulating Valve on Grogan's Mill Road	\$ 25,000	79,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ - <b>\$</b>	104,000
14   WAPPVI   Pressure Regulatory Under Rehabilitation   S	12	WAWSTI		\$ - :	150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000 \$	1,500,000
15   WAPPSM   Water Plant No. 2 Generator   S	13	WA23WR	Water Well Rehabilitation	\$ - !	1,432,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ - <b>\$</b>	1,432,000
In   WAP-Point   Water Point No. 2 Generator   S	14	WAPRV1	Pressure Regulating Valve Rehabilitation	\$ -	345,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ - <b>\$</b>	345,000
WANAPAN   Water Vertice Removal	15			\$ - :	1,125,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ - \$	1,125,000
WANABAR   Water by Chemoment   S	16	WAP3GN	Water Plant No. 3 Generator	\$ - !	1,285,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ - <b>\$</b>	1,285,000
18   WA23WW   Water full Rehowal   S	17			\$ -				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ - <b>\$</b>	
August   Waker   Wak	18	WA23WL		\$ -	982,000	\$ 12,132,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ - <b>\$</b>	13,114,000
WANCEL   Water well collection Line Replacement   S   S   \$1,290,000   \$7,885,000   S   S   S   S   S   \$1,294,000   \$7,885,000   S   S   S   S   S   S   S   \$1,294,000   \$1,294,000   S   S   S   S   S   S   S   S   S	19	WA24WR	Water Well Rehabilitation	\$ -	5 -	\$ 1,364,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ - <b>\$</b>	1,364,000
21   WAMPWIL	20			\$ -	-		\$ 7,885,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ - <b>\$</b>	9,277,000
WAZ-WIV   Water Line Replacement   S   S   S   S   S   S   S   S   S	21	WAWPWL		\$ -	-			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ - <b>\$</b>	
WAZ-WIV   Water Line Replacement   S   S   S   S   S   S   S   S   S		WAEST6		\$ -	-			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ - <b>s</b>	
24   WASTR2   SADA Tower Replacement   S				\$ -				\$ -	\$ -	\$ -	\$ -				-,,
NAZSWR   Water Well Reabilitation								\$ -	\$ -	\$ -	\$ -				-, - ,
26   WAZ5WL   Water Line Renewal   S   S   S   S   S   S   S   S   S	25	WA25WR	Water Well Rehabilitation	\$ - :	-	\$ -	\$ 3.230.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ - <b>\$</b>	3.230.000
27   WAZBWR   Water Well Rehabilitation   S   S   S   S   S   S   S   S   S				\$ -				\$ 7,767,000	\$ -	\$ -		-			
29   WAETSR   Elevated Storage Tank No. 5 Rehabilitation   S   S   S   S   S   S   S   S   S		WA26WR		\$ -	-	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -	\$ - <b>\$</b>	
29   WAETSR   Elevated Storage Tank No. 5 Rehabilitation   S   S   S   S   S   S   S   S   S	28	WA26WL	Water Line Renewal	\$ - :	-	\$ -	\$ -	\$ 1.524.000	\$ 8.635.000	\$ -	\$ -	\$ -	\$ -	\$ - <b>\$</b>	10.159.000
30   WAMARZ   Water System Mechanical Asset Replacement   S   S   S   S   S   S   S   S   S				\$ -	-	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ - <b>\$</b>	
31   WASTR3   SCADA Tower Replacement			_	S - !	-	<u>\$</u> -	s -	\$ -		S -	Š -	\$ -	<u>\$</u> -	s - <b>s</b>	
32   MAZ7WR   Water Well Rehabilitation   S   S   S   S   S   S   S   S   S				\$ -	-	<del>-</del> \$ -	\$ -	\$ -	, , , , , , ,	\$ -	\$ -	\$ -			
33   WA26T1   Water Plant No. 2 Ground Storage Tank No. 1 Replacement   S   S   S   S   S   S   S   S   S				\$ -	-	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ - <b>\$</b>	
34   MA27WL   Water Line Renewal   S   S   S   S   S   S   S   S   S				S - !	-	<u>\$</u> -	s -	\$ -		\$ 4.530,000	Š -	\$ -			
35   WAET/R   Elevated Storage Fank No. 7 Rehabilitation   \$   \$   \$   \$   \$   \$   \$   \$   \$				\$ -							\$ -				-,,
36				\$ -				\$ -	\$ -		\$ -				-,,
37   WA28WR   Water Well Rehabilitation   S   S   S   S   S   S   S   S   S				S - !	-	<u>\$</u> -	s -	\$ -	s -			\$ -			
38   WA28WL   Water Line Renewal   S   S   S   S   S   S   S   S   S	37	WA28WR		\$ - :	-	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ - <b>\$</b>	
39   WAMAR3   Water System Mechanical Asset Replacement   5   5   5   5   5   5   5   5   5				\$ -	-	\$ -	\$ -	\$ -	\$ -		\$ 8,933,000	\$ -	\$ -	\$ - <b>\$</b>	
40 WAET3R Elevated Storage Tank No. 3 Rehabilitation	39	WAMAR3	Water System Mechanical Asset Replacement	\$ -	-	\$ -	\$ -	\$ -	\$ -		\$ 14.000	\$ -	\$ -	\$ - <b>\$</b>	
41 WA29WR Water Well Rehabilitation \$ \$ . \$ . \$ . \$ . \$ . \$ . \$ . \$ . \$ .				\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ - <b>\$</b>	
43 WA30WR Water Well Rehabilitation	41	WA29WR		\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,685,000	\$ -	\$ -	\$ - <b>\$</b>	
43 WA30WR Water Well Rehabilitation	42	WA29WL	Water Line Renewal	\$ - :	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.758.000	\$ 9.963.000	\$ -	\$ - <b>\$</b>	11.721.000
44   WAETAR   Elevated Storage Tank No. 4 Rehabilitation   \$ - \$ - \$ - \$   \$ - \$   \$ - \$   \$ - \$   \$ - \$   \$				\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	. , ,				
45 WA123A Abandon Water Well Nos. 1, 2 and 3 \$ \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -				\$ -				\$ -	\$ -	\$ -	\$ -				
46   WA30WL   Water Line Renewal   S   S   S   S   S   S   S   S   S			-	\$ -				\$ -	\$ -	\$ -	\$ -		\$ -		
47 WAWW40 Water Well No. 40 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 1,575,000 \$ 7,884,000 \$ - \$ 9,459,000 \$ 48 WAIWGN Water Well Site Generator \$ - \$ - \$ - \$ - \$ - \$ 1,2575,000 \$ 7,884,000 \$ - \$ 9,459,000 \$ - \$ 1,068				\$ -				\$ -	\$ -	\$ -	\$ -		\$ 10,051,000	\$ - <b>\$</b>	
48 WA1WGN Water Well Site Generator \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	47			\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ - <b>\$</b>	
49         WAMAR4         Water System Mechanical Asset Replacement         \$         -	48			\$ -				\$ -	\$ -	\$ -	\$ -		. , ,		
50         WA31WR         Water Well Rehabilitation         \$         - <t< td=""><td>49</td><td>WAMAR4</td><td></td><td>\$ -</td><td>-</td><td>\$ -</td><td>\$ -</td><td>\$ -</td><td>\$ -</td><td>\$ -</td><td>\$ -</td><td>. ,</td><td></td><td>\$ - <b>\$</b></td><td></td></t<>	49	WAMAR4		\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	. ,		\$ - <b>\$</b>	
51         WA31WL         Water Line Renewal         \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 1,220,000         \$ 6,915,000         \$ 8,135,000           52         WA32WL         Water Line Renewal         \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -			· · · · · · · · · · · · · · · · · · ·	\$ -				\$ -	\$ -	\$ -				\$ - <b>\$</b>	
52         WA32WL         Water Line Renewal         \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -				\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -			. , ,	\$ 6,915,000 \$	
53         WA32WR         Water Well Rehabilitation         \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -				\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
54 WAWCL2 Water Well Collection Line Replacement \$ - \$ - \$ - \$ - \$ - \$ - \$ 3,762,000 \$ 3,762,000				\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -		
				\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
TOTALS \$ 4,717,000 \$ 7,465,000 \$ 22,481,000 \$ 56,754,000 \$ 10,423,000 \$ 14,883,000 \$ 22,496,000 \$ 14,091,000 \$ 16,370,000 \$ 22,732,000 \$ 16,581,000 \$ 208,993,000			•												
TOTALS \$ 4,717,000 \$ 7,465,000 \$ 22,481,000 \$ 56,754,000 \$ 10,423,000 \$ 14,883,000 \$ 22,496,000 \$ 14,091,000 \$ 16,370,000 \$ 22,732,000 \$ 16,581,000 \$ 208,993,000															
		TOTALS		\$ 4,717,000	7,465,000	\$ 22,481,000	\$ 56,754,000	\$ 10,423,000	\$ 14,883,000	\$ 22,496,000	\$ 14,091,000	\$ 16,370,000	\$ 22,732,000	\$ 16,581,000 \$	208,993,000



#### Woodlands Project Summary - Wastewater

PAGE	PROJECT	220/507 1/11/5	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	TOTAL
NO.	ID	PROJECT NAME	BUDGET	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	IOIAL
55	WWF3PW	WWTF No. 3 PPW Pressure System Rehabilitation	\$ 375,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 375,00
56	WWP2HW	WWTF No. 2 Headworks Rehabilitation	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,000,00
57	WW02FR	WWTF No. 2 Tertiary Filter Improvements (2nd and 3rd Filter)	\$ 376,118	\$ -	\$ 4,421,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,797,11
58	WWFM5R	Lift Station No. 5 Force Main Replacement	\$ 5,298,000	\$ -	\$ 2,200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,498,00
59	WW22FM	Forcemain Renewal	\$ 150,000	\$ -	\$ 1,010,000	\$ 1,014,000	\$ 994,000	\$ 1,010,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,178,00
60	WW21LS	Lift Station Rehabilitation	\$ 404,000	\$ 442,000	\$ 254,000	\$ 262,000	\$ 267,000	\$ 275,000	\$ 284,000	\$ 291,000	\$ 301,000	\$ 310,000	\$ -	\$ 3,090,00
61	WWWSTI	Wastewater System Technology Improvements	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 1,500,00
62	WWP1EC	WWTF No. 1 Effluent Channel Rehabilitation	\$ -	\$ -	\$ 936,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 936,00
63	WW23GR	Gravity Main Rehabilitation	\$ -	\$ -	\$ 913,000	\$ 6,525,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,438,00
64	WW01CR	WWTF No. 1 Clarifier Rehabilitation	\$ -	\$ -	\$ 203,000	\$ -	\$ 1,639,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,842,00
65	WWF1LS	WWTF No. 1 Lift Station Rehabilitation	\$ -	\$ -	\$ -	\$ -	\$ 563,000	\$ 3,431,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,994,00
66	WWF1GN	WWTF No. 1 Generator Replacement	\$ -	\$ -	\$ -	\$ -	\$ 102,000	\$ 1,144,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,246,00
67	WW2SCR	WWTF No. 2 Belt Press and Conveyor Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 468,000	\$ 3,430,000	\$ -	\$ -	\$ -	\$ -	\$ 3,898,00
68	WW25GR	Gravity Main Rehabilitation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 593,000	\$ 4,463,000	\$ -	\$ -	\$ -	\$ -	\$ 5,056,00
69	WW27GR	Gravity Main Rehabilitation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 963,000	\$ 7,443,000	\$ -	\$ -	\$ 8,406,00
70		WWTF No. 1 Digester No. 1 Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 326,000	\$ 1,819,000	\$ -	\$ 2,145,00
71	WWP2BR	WWTF No. 2 Blower Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,873,000	\$ -	\$ 1,873,00
72	WW02CR	WWTF No. 2 Clarifier Rehabilitation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,040,000	\$ -	\$ 2,040,00
73	WWP2BC	WWTF No. 2 Basin Coating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,134,000	\$ -	\$ 4,134,00
	TOTALS		\$ 9,603,118	\$ 592,000	\$ 10,087,000	\$ 7,951,000	\$ 3,715,000	\$ 7,071,000	\$ 8,327,000	\$ 1,404,000	\$ 8,220,000	\$ 10,326,000	\$ 150,000	\$ 67,446,11



#### Woodlands Project Summary - TWDB Bond Fund

PAGE	PROJECT	PROJECT NAME	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032		TOTAL
NO.	ID	PROJECT NAME	BUDGET	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE		TOTAL
74	WWF1AB*	WWTF No. 1 Replacement of Aeration Basin Nos. 1 and 2	\$ 12,812,000	\$ -	\$ - :	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	12,812,000
75	WW21GR	South Shore Gravity Main Rehabilitation	\$ 10,759,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	10,759,000
76	WWTREG	Wastewater System Consolidation	\$ 1,287,331	\$ 5,356,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	6,643,331
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	TOTALS		\$ 24,858,331	\$ 5,356,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	30,214,331

<sup>\*</sup> WWF1AB (TWDB Bond Fund) and WW1AB (Capacity, 6th & Final Accounting, \$2,037,000) projects are combined. Projects contingent upon result of the feasibility study and consolidation.



### Woodlands Project Summary - Capacity Woodlands Division FY 2023 - FY 2032 Projects

PAGE NO.	PROJECT ID	PROJECT NAME	PREVIOUS BUDGET	2023 ESTIMATE	2024 ESTIMATE	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2029 ESTIMATE	2030 ESTIMATE	2031 ESTIMATE	2032 ESTIMATE	TOTAL
77	WW1AB*	WWTF No. 1 Aeration Basin Nos. 1 and 2 Capacity Increase	\$ 2,037,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,037,000
	TOTALS		\$ 2,037,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,037,000

<sup>\*</sup> WWF1AB (TWDB Bond Fund) and WW1AB (Capacity, 6th & Final Accounting, \$2,037,000) projects are combined. Projects contingent upon result of the feasibility study and consolidation.



#### Woodlands Project Summary - Peak Flow Projects

PAGE	PROJECT	PROJECT NAME	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	TOTAL
NO.	ID		BUDGET	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE	
78	WW2HPF	Wet Weather Flow Capacity Projects	\$ -	\$ -	\$ 608,000	\$ 5,811,000	\$ 16,290,000	\$ 17,053,000	\$ 10,361,000	\$ 7,977,000	\$ 3,857,000	\$ -	\$ -	\$ 61,957,000
	TOTALS		\$ -	\$ -	\$ 608,000	\$ 5,811,000	\$ 16,290,000	\$ 17,053,000	\$ 10,361,000	\$ 7,977,000	\$ 3,857,000	\$ -	\$ -	\$ 61,957,000

PROJECT NAME:					PROJ	ECT ID	FISCA	L YEAR		DIV	ISION	
Water Line Renewal					WA2	21WL	2021	-2022		The Wo	oodlands	
PROJECT DESCRIPTION	N/JUSTIFICAT	ION:						PROJ	ECT MAP/PIO	CTURE		
The SJRA owns and mainta and larger diameter in the cement (AC) lines. Approximajority of which are madwater lines have the higher has experienced on average distribution infrastructure repair frequencies, improving project is part of a phased system, with a plan to repute described in WA23WL, William pipe in the system. The AC useful life of more than 80 Using the SJRA Asset Manfailure, Consequence of Freplacement of the AC was main in the Grogan's Millasegments include approximation of the AC was main in the Grogan's Millasegments include approximation of the AC was main in the Grogan's Millasegments include approximation of the AC was main in the Grogan's Millasegments include approximation of the AC was main in the Grogan's Millasegments include approximation of the AC was main in the Grogan's Millasegments include approximation of the AC was main in the Grogan's Millasegments include approximation of the AC was main in the Grogan's Millasegments include approximation of the AC was main in the Grogan's Millasegments include approximation of the AC was main in the Grogan's Millasegments include approximation of the AC was main in the Grogan's Millasegments include approximation of the AC was main in the Grogan's Millasegments include approximation of the AC was main in the Grogan's Millasegments include approximation of the AC was main in the Grogan's Millasegments include approximation of the AC was main in the Grogan's Millasegments include approximation of the AC was main in the Grogan's Millasegments include approximation of the AC was main in the Grogan's Millasegments include approximation of the AC was main in the Grogan's Millasegments include approximation of the AC was main in the Grogan's Millasegments	ains approximate Woodlands. The Woodlands. The imately 20 mile de of AC materia er frequency of the ge 9 failures per et and increasing we reliability to et asset managen lace all AC water A25WL, and WAC lines will be red years.  agement Plan stailure, and Mitigater lines. From and Metro Cent mately 2,600 LF line along Groges Drive. These I	rely 120 miles on the existing distriction of the existing	ibution system hes are more the management rage useful life ending upward, water line renemaintain requesto continuously he next 20 year mplish the goa C or HDPE lines of the line along Signand approxima e replacement	contains 47 minan 40 years old practices sugger of 50 years. His Due to the aginewal is necessary that is necessary to the individual that is necessary that	les of asbestos d, and the est that AC storically, SJRA ng water ry to decrease rvice. This lines in the cts as ll of the AC ge expected hood of ize iles) of water cope. These pproximately 12-inch water under major			PROJ	ECT MAP/PIG	CTURE		
Timberloch Place.  PROJECT SCHEDULE				DELIVERY	FUNDING		201				No. of the last	
Initiate Cons. Selection	า:	FY 202	20 - Q4	☑ CSP	□ 0&M	12					- 121	
PSA/WO Issued:	==		20 - Q4	☐ Other	Bonds	1 Maria	250.50	-				1
Final Proposal Docs:			23 - Q1		☑ R&R		N. A. S. A. A.					-
Proposals/Bids Receive	ed:		23 - Q1		☐ Other							Z
Constr. Contract to Bo			.3 - Q2								34	10 m
Substantial Completion			24 - Q2	☐ Capitalized	✓ Expensed				THE STATE OF THE S		-	Call
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ 250,000			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	. ,	\$ 504,000		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 4,470,000		\$ 1,004,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 447,000	\$ 347,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 5.671.000	S 4.567.000	\$ 1.104.000	IS -	IS -	IS -	IS -	IS -	IS -	IS -	15 -	IS -

<sup>\*</sup>Budget includes contingency.

22222										504		
PROJECT NAME:						ECT ID		L YEAR			ISION	
Harper's Landing Wate					<u>WA</u>	TCPL	2022	-2023			odlands	
PROJECT DESCRIPTION							-	PROJ	ECT MAP/PI	CTURE		
The Village of Harper's Lan												
with potable water pumpe			•				ALC: U.S.					
Between the Trade Center No. 7 (EST 7), only one was	,, ,	•			•				3			
the need for shut-down of												
									100			
A 12-inch water line is pro	posed to be ins	talled along Tra	ide Center Park	kway between I	Harper's	12	MIL CONTRACTOR			- ASS -		
Landing and EST 7, a distar	• • •	•		•	•			4				
system which will provide							4.0			1		
utilities in this area, and to	minimize distu	irbance to the r	oute, trenchles	ss installation is	proposed for							
construction.						-24					T	
									elle exclusive			2 males
						0.2	A STATE OF THE PARTY OF THE PAR		A CONTRACTOR			
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									499			
					_			7			THE RESERVE TO SERVE	
PROJECT SCHEDULE				DELIVERY	FUNDING							4
Initiate Cons. Selection	n:	FY 202	21 - Q3	☑ CSP	□ 0&M	Record		SA TA			100	40.0
PSA/WO Issued:		FY 202	21 - Q4	☐ Other	☐ Bonds				2000年,高	1910年18	200	of the same
Final Proposal Docs:		FY 202	22 - Q3		☑ R&R			20075				W 100 -100
Proposals/Bids Receive	ed:	FY 202	22 - Q4		☐ Other	<b>**</b>	Service					
Constr. Contract to Box	ard:	FY 202	23 - Q1						START.			
Substantial Completion	า:	FY 202	23 - Q4	✓ Capitalized	☐ Expensed	× 55	Service Contract of the Contra					E CONTRACT
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	- \$ -
Engineering/Design	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	- \$ -
Construction	\$ 428,000	\$ -	\$ 428,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	- \$ -
CPS, CM&I, and CMT	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	- \$ -
Land Acquisition	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	-   \$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	- \$ -
Total	\$ 603,000	\$ 125,000	\$ 478,000	\$ -	<b>,</b>	Ş <u>-</u>	\$ -	Ş -	\$ -	Ş -	Ş -	-  \$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:	PROJECT ID	FISCAL YEAR	DIVISION
Pressure Regulating Valve on Grogan's Mill Road	WAPRVI	2022-2023	The Woodlands

**PROJECT MAP/PICTURE** 

In 2015, a 16-inch water distribution line was installed to connect the Water Plant No. 1 service area to the Water Plant No. 5 service area. The line was installed to allow for operational flexibility and system pressure maintenance in the case of water plant or elevated storage tank (EST) shut-down in either service area. However, during operations thereafter, the elevation difference between the two service areas caused uneven pressures in the two areas, resulting in Water Plant No. 5 overcompensating for both service areas.

A Pressure Regulating Valve will be installed on the 12-inch water distribution line on Grogan's Mill Road south of the connection to the 16-inch line to allow for controlled flow between the two service areas.

						125		AL // All		24 a la		The second
PROJECT SCHEDULE				DELIVERY	FUNDING					11		1
Initiate Cons. Selection	1:	FY 20	21 - Q3	☑ CSP	□ 0&M			THE RESERVE				Maria
PSA/WO Issued:		FY 20	22 - Q1	☐ Other	☐ Bonds	1000		V.				
Final Proposal Docs:		FY 20	22 - Q3		☑ R&R	136		- 0	-	Lab.	- 3	
Proposals/Bids Receive	ed:	FY 20	22 - Q4		☐ Other	100			1		-	100
Constr. Contract to Bo	ard:	FY 20	22 - Q4					- Alle	Sales .		100	
Substantial Completion	n:	FY 20	23 - Q4	✓ Capitalized	☐ Expensed				ă.	100	100	1000 52
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ .	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 54,000	\$ -	\$ 54,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 15,000	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<sup>\*</sup>Budget includes contingency.

Total

104,000 \$

25,000 \$

79,000 \$

Water System Technology Improvements  WAWSTI  2023-2032  The Woodlands  PROJECT MAP/PICTURE  PROJECT SCHEDULE  Initiate Cons. Selection:  As Needed Construction  As Needed Construction Board:  As Needed Construction B	PROJECT NAME:					PROJ	ECT ID	FISC	AL YEAR		DIV	ISION	
PROJECT MAP/PICTURE  PROJECT SCHEDULE  As Needed  DELIVERY FUNDING Initiate Cons. Selection: As Needed  Proposals/Bisk Received: As Needed  Constr. Contract to Board: As Needed  Constr		logy Improve	ments										
The Woodlands Division water and wastewater systems have various software and technology assets that require updating and replacement in order to achieve or maintain efficiencies. The Division wastewater systems, GIS mapping, SCADA data storage and reporting, electronic record keeping, and asset management. These software's generally require occasional updates based on technological advancements as well as process changes within the water and wastewater systems.  These funds will be used to maintain and update technology in terms of software functionality, hardware needs, and hardware required for updated software.  PROJECT SCHEDULE  Initiate Cons. Selection:  As Needed  As Needed  Other   Dends   Den	Tracer bystem recime	nogy improve	ments			***	1	20	_	ΙΕCΤ ΜΔΡ/ΡΙ		<del>Journal</del>	
PROJECT SCHEDULE	that require updating and uses software for operation wastewater systems, GIS rasset management. These advancements as well as parthese funds will be used to	I replacement in onal data storag mapping, SCADA e software's gen process changes to maintain and	order to achievel, calculating and data storage and areally require continuity within the water update technological.	ve or maintain on dreporting, mand reporting, eoccasional updater and wastew	efficiencies. The nodeling of wat electronic recorates based on to atter systems.	e Division er and d keeping, and echnological			0.0 GPM  0.0 GPM  1027 3 GPM  1037 3 GPM  0.0 GPM  0.0 GPM	OVERVIEW  OVERVIEW  SURFACE WATER  SURFACE WATER  FLOW 1972 OPM  C12 136 mg4	BST1 BST 1 B		500
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  BUDGET* TOTAL PREVIOUS 2023 2024 2025 2026 2027 2028 2029 2030 2031 20  Planning/Permitting/PER \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	PROJECT SCHEDULE				DELIVERY	FUNDING		OVERVIE WAS 1	0.0 GPM  1815.6 GPM  0.0 GPM  WELL TOTAL (LOW 3472.5 GPM	CHLORINE AMALYZER CZZ 1.50 may L PH 8.75	GROUND WAITER CH. CH. CHARLON GROUND WAITER CH		
Final Proposal Docs:	nitiate Cons. Selection	n:	As Ne	eded	☑ CSP	□ 0&M							
Proposals/Bids Received: As Needed   □ Other   □ Othe	PSA/WO Issued:		As Ne	eded	☐ Other	☐ Bonds		-					
Constr. Contract to Board: Substantial Completion:  As Needed  □ Capitalized □ Z024  □ Capitalized □ Z025  □ Z026  □ Z027  □ Z028  □ Z029  □ Z029  □ Z030  □ Z031  □	Final Proposal Docs:		As Ne	eded		☑ R&R	1 455						
BUDGET*         TOTAL         PREVIOUS         2023         2024         2025         2026         2027         2028         2029         2030         2031         2031           Planning/Permitting/PER planering/Design         \$ 125,000         \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Proposals/Bids Receiv	ed:	As Ne	eded		☐ Other	7. 1. 2. 2.						
BUDGET*         TOTAL         PREVIOUS         2023         2024         2025         2026         2027         2028         2029         2030         2031         2031           Planning/Permitting/PER Ingineering/Design         \$ 125,000         \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Constr. Contract to Bo	pard:	As Ne	eded			C RECEPTACLE	e GST	CL2 STORAGE 4				
BUDGET*         TOTAL         PREVIOUS         2023         2024         2025         2026         2027         2028         2029         2030         2031         2028           Planning/Permitting/PER planning/Design         \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -					☐ Capitalized	✓ Expensed	GENERAL USE	10000					
Planning/Permitting/PER \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$					2024	2025	2026	2027	2028	2029	2030	2031	2032
Construction \$ 1,250,000 \$ - \$ 125,000 \$ 125,0			\$ -		\$ -			\$		\$ -	\$ -		4
CPS, CM&I, and CMT \$ 125,000 \$ - \$ 12,500 \$ 12,5	riammig/i cimitting/i Lit		l ċ	\$ 12 500	\$ 12,500							\$ 12,500	? -
Land Acquisition \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Engineering/Design		> -		•			14 425 00	0 1 4 2 5 000	405.000			
	Engineering/Design Construction	\$ 1,250,000	\$ -	\$ 125,000									\$ 125,000
Equipment Purchase   5 -   5	Engineering/Design Construction CPS, CM&I, and CMT	\$ 1,250,000	\$ - \$ -	\$ 125,000									\$ 125,000
Total \$ 1,500,000 \$ - \$ 150,000 \$ 15	Engineering/Design Construction CPS, CM&I, and CMT Land Acquisition	\$ 1,250,000 \$ 125,000 \$ -	\$ - \$ - \$ -	\$ 125,000									\$ 125,000

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:				PROJI	CT ID	FISCA	L YEAR		DIVI	SION	
Water Well Rehabilitation				WA2	3WR	20	)23		The Wo	odlands	
PROJECT DESCRIPTION/JUSTIF	ICATION:						PROJ	ECT MAP/PIO	CTURE		
The Woodlands began receiving tre continue to be met by existing grounecessary in order to prolong service of the wells. SJRA completes an sewell(s) may require rehabilitation. The production needs of The Woodland rehabilitation or abandonment.  Based upon an evaluation of the 38 need for rehabilitation based upon Rehabilitation of Well Nos. 5, 11 and and a video of the well. Based upon and well equipment; wire brushing from the bottom of the well; and perform the bottom of the well pump at Water Well No. 5 - Jasper Aquifer; Ewater Well No. 11 - Jasper Aquifer; Water Well No. 32 - Evangeline Aquipment was a supposed to the well of the proposed to the supposed to the well of the wel	ated surface water in dwater wells. Conse life, minimize risk on in-annual inspection he targeted well(s) as then evaluated based water wells, Well Notate of last previous di 32 will begin with an the inspection, the inspection, the inspection, the inspection well screen section forming acid cheming gravel pack mater and increasing the more sesign GPM: 1,500 Design GPM: 1,600	requently, continued failure and response of each water are compared to seed on the well are seed on the well are compared to the well are to	nued well rehalleduce increased well to determine the long-term retirement plans are anticipated and production fall well related clude replacement removing first the well screen if needed. This	bilitation is I maintenance ne which water n for I to have the capabilities. equipment ent of pump II material en sections. project may			ame	ww.o5		Mooringson	
Initiate Cons. Selection:	FY 202	23 - Q1	☑ CSP	□ 0&M					Į.	1	
PSA/WO Issued:		23 - Q1	☐ Other	☐ Bonds					S. March	X	
Final Proposal Docs:		23 - Q3		☑ R&R	<b>第一大工</b>			THE .			
Proposals/Bids Received:	FY 202	23 - Q3		☐ Other		***					
Constr. Contract to Board:		23 - Q4			GOS						140
Substantial Completion:		24 - Q3	☐ Capitalized	✓ Expensed	GOSLING						
BUDGET* TOTA	AL PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Construction \$ 1,194	- \$ - ,000 \$ - ,000 \$ - .000 \$ - - \$ - - \$ -	\$ 119,000 \$ 1,194,000 \$ 119,000 \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ \$ - \$ \$ - \$ \$ -	\$ - \$ - \$ - \$ - \$ -
Total \$ 1,432	,000 \$ -	\$ 1,432,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					DPO!	CT ID	EISCA	L YEAR		DIVI	SION	
	alva Dahahili	itation			WAF			)23			odlands	
Pressure Regulating V	aive Kenabili	itation			VVAI	'KVI			FCT NAAD/DI		ouianus	
The AMerical Andrew Con	Anna in divide di	:			ti	SAME AND A COM		PRUJ	ECT MAP/PIO	LIURE		Was I
The Woodlands Water Sys differences across the Wo								心人心是是是				
boundaries, pressure regu		•		•	•				the second	N. C. S. S. S. S.		
each pressure plane, but a								nu di				_ American
of a pressure drop resultin	g from a water	line failure or f	ire event. The	expected usefu	ıl life of the	-				23		1400
PRV assembly is 30 years a	and several PRV	s in the system	have reached	or are near read	ching the end				三 云		No. of the last of	
of this lifespan.												
This project will be for the	ronlacoment o	of the internal co	mnononts of [	DDV/ Nos. 1 2 2	4 and E				<b>\$</b>			
which were installed betw			inponents of r	- NV NUS. 1, 2, 3	, 4 anu 3,	/				)		A STREET
	2000 4114 2					American Inches			and the second	New A		
						La grand south the	VIII A	<b>三进</b>		144 P.S		
							en de ve			and the same of the same of		
							1/188	Secure Control				1
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												\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
									Charles S.			
									<b>V</b> SSSS		No. of the second secon	
PROJECT SCHEDULE				DELIVERY	FUNDING		10000000				3/3	in the second
Initiate Cons. Selection	1:	FY 202	3 - Q1	☑ CSP	□ 0&M				Anne de la constante de la con			
PSA/WO Issued:		FY 202	3 - Q1	☐ Other	☐ Bonds							7 4 7 7
Final Proposal Docs:		FY 202	3 - Q3		☑ R&R	and a state of						
Proposals/Bids Receive	ed:	FY 202	3 - Q4		☐ Other		TAPES.					
Constr. Contract to Box	ard:	FY 202	3 - Q4						/ 多体		44	
Substantial Completion	ո։	FY 202	4 - Q3	☐ Capitalized	☑ Expensed	CALLEY "						
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ -	\$ -	\$ -	\$ -	<b> </b> \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 335,000		\$ 335,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 10,000	\$ -	\$ 10,000	\$ - c	\$ - c	۶ - د	۶ - د	\$ - c	۶ - د	\$ - c	۶ - د	۶ - د
Land Acquisition Equipment Purchase	۶ - د -	۶ - د -	\$ - \$ -	\$ - \$ -	\$ - \$ -	ς - -	۶ - د -	\$ - \$ -	۶ - د -	\$ - \$ -	ς - ς -	۶ - د -
Total	\$ 345,000	\$ -	\$ 345,000	\$ -	\$ -	γ <u>-</u> \$ -	\$ -	\$ -	ς -	\$ -	ς <u>-</u>	ς -
10001	7 373,000	۲	7 3-3,000	۲	٧	7	۲	۲	Υ	7	7	7

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:	PROJECT ID	FISCAL YEAR	DIVISION
Water Plant No. 2 Generator	WAP2GN	2023	The Woodlands

**PROJECT MAP/PICTURE** 

Water Plant No. 2 is one of five water plants owned and operated by the San Jacinto River Authority (SJRA) in The Woodlands. At Water Plant No. 2, ground water from eight (8) water wells is collected and blended with surface water from SJRA's GRP Division surface water plant at Lake Conroe. Each water plant provides a vital role in the water blending, water chlorination, and pumping water out into the distribution system to serve customers of The Woodlands.

Currently, Water Plant No. 2 has one booster pump and an on-site Evangeline Aquifer water well connected to a natural gas auxiliary engine for backup power. Both of these engines were installed in 1982, and are nearing the end of their useful life. The site also has a small 10MW natural gas generator for backup power to controls, installed in 2012. To continue reliability of the water plant during power outages and allow for more capacity during an outage situation, a 1 megawatt (MW) diesel generator will be installed which will be able to power two booster pumps, the on-site Jasper aquifer well (higher producing well) and the controls.

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PROJECT SCHEDULE				DELIVERY	FUNDING			1				
Initiate Cons. Selection	1:	FY 20	)23 - Q1	☑ CSP	□ 0&M			20		A 10 4 1 1		
PSA/WO Issued:		FY 20	)23 - Q1	☐ Other	☐ Bonds			1			The state of the s	
Final Proposal Docs:		FY 20	)23 - Q4		☑ R&R							
Proposals/Bids Receive	ed:	FY 20	)23 - Q4		☐ Other				Visit		1	
Constr. Contract to Bo	ard:	FY 20	)23 - Q4									
Substantial Completion	n:	FY 20	)24 - Q4	✓ Capitalized	☐ Expensed							
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$	- \$ -	. \$ .	- \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
Engineering/Design	\$ 94,00	0 \$ -	\$ 94,000	) \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
Construction	\$ 937,00	0 \$ -	937,000	)   \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
CPS, CM&I, and CMT	\$ 94,00	0 \$ -	\$ 94,000	)   \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
Land Acquisition	\$	- \$	. \$ .	-   \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
Equipment Purchase	\$	- \$ -	. \$ .	- \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
Total	\$ 1,125,00	0 \$ -	\$ 1,125,000	) \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:	PROJECT ID	FISCAL YEAR	DIVISION
Water Plant No. 3 Generator	WAP3GN	2023	The Woodlands

PROJECT MAP/PICTURE

Water Plant No. 3 is one of five water plants owned and operated by the San Jacinto River Authority (SJRA) in The Woodlands. At Water Plant No. 3, ground water from eight (8) water wells is collected and blended with surface water from SJRA's GRP Division surface water plant at Lake Conroe. Each water plant provides a vital role in the water blending, water chlorination, and pumping water out into the distribution system to serve customers of The Woodlands.

Currently, Water Plant No. 3 has a 450 kilowatt (kW) diesel generator that can provide power for two booster pumps. Also, one on-site water well has a natural gas auxiliary engine. Due to increasing water demands in the Water Plant No. 3 service area, additional pumping capacity is required at this plant. Therefore, a larger generator will be required to allow for increased pumping capacity at hte plant. A 1,000 kW diesel generator will be installed at Water Plant No. 3 to provide backup power for this increased load.

The 450 kW generator currently at Water Plant No. 3 was installed in 2016, and therefore, has remaining useful life. This generator will be moved to Water Plant No. 1 where it will be able to provide backup power for two booster pumps. Water Plant No. 1 currently has one booster pump with backup power provided by an auxiliary engine installed in 1973 that has reached the end of its useful life.

								The state of the s				
PROJECT SCHEDULE				DELIVERY	FUNDING						The second	
Initiate Cons. Selection	1:	FY 202	23 - Q1	☑ CSP	□ 0&M							
PSA/WO Issued:		FY 202	23 - Q1	☐ Other	☐ Bonds							
Final Proposal Docs:		FY 202	23 - Q4		☑ R&R							
Proposals/Bids Receive	ed:	FY 202	23 - Q4		☐ Other	440						
Constr. Contract to Box	ard:	FY 202	23 - Q4									
Substantial Completion	n:	FY 202	24 - Q4	✓ Capitalized	☐ Expensed							
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 107,000	\$ -	\$ 107,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 1,071,000	\$ -	\$ 1,071,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 107,000	\$ -	\$ 107,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 1,285,000	\$ -	\$ 1,285,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:		PROJE			L YEAR			ISION	
Water System Mechanical Asset Replacement		WAN	1AR1	20	23			oodlands	
					PRO.	ECT MAP/PI	CTURE		
The SJRA Woodlands Division water system contains several hundred med motors, pumps, chlorinators engines, motor control valves, generators, tr control centers. As these assets reach the end of their useful life, these as to maintain the current level of service. These replacements will be perforgoing series of projects.  Other projects in the 10-Year Project Plan to replace Water System Mechawamana, and WAMAR2, WAMAR3, and WAMAR4.	ransfer switches ssets require repormed as part of	s, and motor placement f an on-	Ex.						
	DELIVERY I	FUNDING							
	☑ CSP [	□ 0&M							
! · ·	☐ Other	□ Bonds	1	1 Julian				4	
Final Proposal Docs: As Needed	1	☑ R&R		and the same of th					
Proposals/Bids Received: As Needed	1	Other							
Constr. Contract to Board: As Needed									
l ====================================	Capitalized [	✓ Expensed					A STOCKE AND A STO		
BUDGET* TOTAL PREVIOUS 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER \$ - \$ - \$		-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design \$ - \$ - \$	s - <b> </b> \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction \$ 475,000 \$ - \$ 475,000 \$	\$ - <b> </b> \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT \$ 10,000 \$ - \$ 10,000 \$	\$ - <b> </b> \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition \$ - \$ - \$	\$ - <b> </b> \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase \$ - \$ - \$	s - <b> </b> \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total \$ 485,000 \$ - \$ 485,000 \$	- \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJI	ECT ID	FISCAL	YEAR		DIV	ISION	
Water Line Renewal					WA2	3WL	2023-	-2024		The Wo	odlands	
PROJECT DESCRIPTION	/JUSTIFICATI	ON:						PROJ	ECT MAP/PI	CTURE		
The SJRA owns and mainta and larger diameter in the cement (AC) lines. Approximajority of which are madwater lines have the higher has experienced on average Due to the aging water districted of service. This project water lines in the system, who projects as described in Wayaowl, WA30WL, WA31WL, and Waystem. The AC lines will be more than 80 years.	Woodlands. The mately 20 miles are of AC material of frequency of free 9 failures per tribution infrastair frequencies, at its part of a photo with a plan to react the material of the materi	e existing distriction of all water line. Industry asset ailure, and averagear, and is treed to the extracture and incomprove reliable asset many applace all AC was all was a way L, WA25WL, WCCOMPlish the good and asset the extraction of the extr	bution system es are more that management rage useful life nding upward. Ereasing rate of lity to end-use nagement apparter lines within WA26WL, WA250al of replacing	contains 47 minan 40 years old practices sugge of 50 years. His f breaks, water ers and maintain roach to contin in the next 20 years TWL, WA28WL,	les of asbestos I, and the est that AC storically, SJRA line renewal is a requested uously replace ears. Other WA29WL, ipe in the							
Using the SJRA Asset Mana Failure, Consequence of Fa replacement of the AC wat 27,000 linear feet (5 miles) Drive between Grogan's M Parkway were identified fo	ilure, and Mitig er lines in the V of 12 and 16-ir ill Road and IH-	ration Factors w Woodlands Division Inch AC water m 45 and along G	vere used to sc sion System. F ains along Lake	ore and prioriti rom this, appro e Front Circle a	ze oximately nd Pinecroft							
PROJECT SCHEDULE				DELIVERY	FUNDING	No. of the last of		- All		1 1 1		
Initiate Cons. Selection	:	FY 202	•	☑ CSP	□ 0&M	<i>I</i>			15		6	e Che
PSA/WO Issued:		FY 202		☐ Other	☐ Bonds			1 0/1				
Final Proposal Docs:		FY 202			☑ R&R			BILLINE		19.4		
Proposals/Bids Receive	d:	FY 202	4 - Q1		Other			6///		All Village		The state of the s
Constr. Contract to Boa	ard:	FY 202	4 - Q2				The same of the sa			Mes &		a tree
Substantial Completion	) <b>:</b>	FY 202	5 - Q2	☐ Capitalized	☑ Expensed	11/1/1		The same of the sa	7/14		TALL THE	The state of the s
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ 982,000	\$ -	\$ 982,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	ς -

\$ 13,114,000 \$

CPS, CM&I, and CMT Land Acquisition Equipment Purchase

Total

982,000 \$ 12,132,000 \$

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJ	ECT ID	FISCA	L YEAR		DIVI	ISION	
Water Well Rehabilitat	ion				WA2	4WR	20	024		The Wo	odlands	
PROJECT DESCRIPTION	/JUSTIFICAT	ION:						PROJ	ECT MAP/PI	CTURE		
The Woodlands began rece continue to be met by exist necessary in order to prolo of the wells. SJRA complet well(s) may require rehabil production needs of The Wrehabilitation or abandonm.  Based upon an evaluation of rehabilitation based upor Rehabilitation of Well Nos. video of the well. Based uwell equipment; wire brush the bottom of the well; and Rehabilitation may also include lowering of the well. Water Well No. 7 - Jasper A Water Well No. 33 - Jasper	ting ground wa ng service life, tes an semi-and itation. The tar foodlands, then nent.  of the 38 water on date of last 7 and 33 will be pon the inspec- ning the well so d performing and lude adding gra il pump and ind	ter wells. Consimination of the model of the	equently, conti of failure and re- of each water re compared to sed on the well as. 7 and 33 are illitation and prospection of all- ext may include exting out and re- eatment of the rial to the well	inued well rehaleduce increased well to determine the long-term retirement plants anticipated to roduction capable well related equipment of removing fill may well screen secif needed. This	bilitation is maintenance ne which water n for have the need bilities. Lipment and a pump and aterial from tions.	Lakenbek	Z. L. MOGEC	TRA	WW.07 DE CENTER PKY			
PROJECT SCHEDULE				DELIVERY	FUNDING		AT ST			A 6 3 111	Market In the Control of the Control	7
Initiate Cons. Selection			.024	☑ CSP	□ 0&M	9		XO-				
PSA/WO Issued:			.024	☐ Other	☐ Bonds		<b>P</b> /61			E P		
Final Proposal Docs:			.024		☑ R&R		1		L			FILE
Proposals/Bids Receive		FY 2			☐ Other		A SANS	10/3	7		1 2	* 科上
Constr. Contract to Boa		FY 2				8	7	Aller VIII				
Substantial Completion			.025	☐ Capitalized	✓ Expensed	A			191			78 100
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design Construction	\$ 114,000 \$ 1,136,000	\$ - \$ -	۶ - د	\$ 114,000 \$ 1,136,000	- د	۶ - د	¢ -	۶ د	۶ - د	۶ د	۶ - د	۶ - د
CPS, CM&I, and CMT	\$ 1,136,000	\$ - \$ -	- خ -	\$ 1,136,000	- د -	ς -	s =	s -	ς -	- اخ -	\$ \$	- د
Land Acquisition	\$ 114,000	\$ \$	\$ -	\$ -	š -	s -	s -	s -	\$ -	Š -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	s -	\$ -	\$ -
<u>' '</u>	\$ 1,364,000	\$ -	\$ -	\$ 1,364,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	s -	\$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJI	ECT ID	FISCA	L YEAR		DIV	ISION	
Water Well Collection	Line Replace	ment			WAV	VCL1	2024	1-2025		The W	oodlands	
								PROJ	ECT MAP/PIO	TURE		
The SJRA Woodlands Division which must be conveyed to collection lines are low-preplant at a ground storage to Several of the well collection materials (asbestos cement This project is expected to its project i	a water plant ssure water lir ank. on lines are nea c, ductile iron,	to be blended nes which conve aring 40-years o concrete) are n	with surface ware with surface ware ware with surface ware ware ware ware ware ware ware war	ater and chloring dispersion of their expect	nated. Well to the water non-plastic ed useful life.	FM.1488.Rd	Egypt  British ont Dr.  Woodlands CC Player Course	Carlton Noods-Nicklaus Course	Woodlands CC Palmer Course	A Forest Dr	Shenando	nah Tamina
PROJECT SCHEDULE				DELIVERY	FUNDING	DKlahoma			Gerge Mitchell Nature Preserve		Woodlands	The Oak Ridgodiands North
Initiate Cons. Selection:		EV 2	2024	☑ CSP	□ 0&M					3		EWY
PSA/WO Issued:			2024	Other	Bonds	***				ng-Rd		7
Final Proposal Docs:			2025		☑ R&R	2978				Gosli		DS
Proposals/Bids Receive	d:		2025		☐ Other					7	_	- Roman
Constr. Contract to Boa			2025								The same	
Substantial Completion			2026	☐ Capitalized	✓ Expensed					N Gran	d-Di-	
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER		\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ 696,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 7,168,000	\$ -	\$ -	\$ -	\$ 7,168,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 717,000	\$ -	\$ -	\$ -	\$ 717,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ .
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ .
Total	\$ 9,277,000	ċ	\$ -	\$ 1.392.000	\$ 7,885,000	\$ -	4	Ś -	ć			\$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:				,	PROJI	ECT ID	FISCA	L YEAR		DIV	ISION	
Woodlands Parkway V	Vater Line Re	placement			WAW	VPWL	2024	-2025		The W	oodlands	
								PROJ	ECT MAP/PI	CTURE		
The 16/24-inch water line was installed in phases bet experienced approximately that have occurred appear over time, which ultimatel.  The water line is anticipate trenchless methods. This was a second of the control	tween 2000 and y 30 breaks in lo to have been a y results in failu	d 2005. However, coations along to result of instal are, primarily standard with a fused	er, since that to the entire align llation method carting at the fi PVC or HDPE p	ime, this water iment. Most of , resulting in pip tting connection	line has the failures be movement ns.	2978					MOODLANDS PK	
PROJECT SCHEDULE				DELIVERY	FUNDING	N. F.L	1/ (A) I I					
Initiate Cons. Selection	n:	FY 2	.023	☑ CSP	□ 0&M		1773	$\mathcal{I}L^{r}$ $\mathbb{G}_{\mathbb{T}}$				13.00
PSA/WO Issued:		FY 2	.024	☐ Other	☐ Bonds				高		12	
Final Proposal Docs:		FY 2	.025		☑ R&R			46W. 41				Ac Sales
Proposals/Bids Receive	ed:	FY 2	.025		☐ Other	<b>小</b>		A PLAN		CO PROPERTY.		
Constr. Contract to Box		FY 2	.025			(一)						
Substantial Completion		FY 2		☐ Capitalized	✓ Expensed	4			TO.		T. C.	
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ 1,122,000	\$ -	\$ -	\$ 1,122,000		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ 1,122,000	\$ -	\$ -	\$ 1,122,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 11,558,000	\$ -	\$ -	\$ -	\$ 11,558,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 1,156,000	\$ -	\$ -	\$ -	\$ 1,156,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 14,958,000	\$ -	\$ -	\$ 2,244,000	\$ 12,714,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<sup>\*</sup>Budget includes contingency.

DDOLECT NAME.					DDOU	CT ID	FICCA	LVEAD		DIV	CION	
PROJECT NAME:	N. C				PROJE			L YEAR			SION	
Elevated Storage Tank	No. 6				WAI	:516	2024	-2025			odlands	
								PROJ	ECT MAP/PIO	CTURE		
Elevated Storage Tank No.												
(EST) to be constructed in provide pressure stabilizat	• • •				•							
booster pumps to operate				· ·	•							
water storage in the event									4.8			
										-		
Based upon the updated w				•								
the Upper, Middle and Lov		•										
for pressure maintenance												
to occur from an upper to It is anticipated the new ES							The same of		_			
Forest Blvd.	or will be built	on land onth pi	cviousiy acquii	cu ioi aii E31 o	ii Nescaren					7		
										-		
										_		
										_		
										_		
										_		
PROJECT SCHEDULE				DELIVERY	FUNDING							
Initiate Cons. Selection	n:	FY 2	2023	☑ CSP	□ 0&M	Market .				_		
PSA/WO Issued:		FY 2	2024	☐ Other	☐ Bonds	1000	W. A.			_		
Final Proposal Docs:			2024		☑ R&R	ALC: UNKNOWN	100			_		
Proposals/Bids Receive	ed:		2024		☐ Other	41.0	100					
Constr. Contract to Box			2025			486		1	-	of the last	Acres 100	has shall be
Substantial Completion			2026	✓ Capitalized	☐ Expensed	all .	THE PARTY.				1962 13	-
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ 328,000	\$ -	\$ -	\$ 328,000		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 655,000	\$ -	\$ -	\$ 655,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 6,748,000	\$ -	\$ -	\$ -	\$ 6,748,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 675,000	\$ -	\$ -	\$ -	\$ 675,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 8,406,000	\$ -	\$ -	\$ 983,000	\$ 7,423,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					DDOU	ECT ID	I EISCA	L YEAR		DIV	ISION	
				·								
Water Line Renewal					WA2	24WL	2024	-2025			oodlands	
							4053007-070	PROJ	ECT MAP/PI	CTURE	William Assess	
The SJRA owns and mainta	• • •	•	•						<b>学为</b> 的主			
and larger diameter in the cement (AC) lines. Approx		-	•			799	2000		<b>企业</b> 的 17.5			All Street
majority of which are mad	•			•	•	A		法自動物	400			
water lines have the highe		•	Ü				- 4 /	SERVICE A	The same of	-		
has experienced on average			-	•	• •		The state of	100	100	15 (123)		Sept.
distribution infrastructure		•	0 .	•	· ·							
repair frequencies, improv							12-				ELE MAN	
project is part of a phased	asset managen	nent approach	to continuously	replace water	lines in the		-		10 All 12 All 12			
system, with a plan to rep	lace all AC wate	r lines within th	ne next 20 year	s. Other projec	cts as			1/1/2	3		THE WHEN	
described in WA21WL, WA	•		•		•		*	4 (5 24				to contact
WA31WL, and WA32WL w						Sides		<b>加州公</b>			The same	The said
lines will be replaced with	PVC or HDPE lii	nes with an ave	rage expected	useful life of m	ore than 80	100					A Same	
years.							-				18.7 A	Transfer of
Using the SJRA Asset Mana	agement Plan s	rategy and co	ofirmed by a co	ncultant Likali	hood of	78 10	A 30	<b>A</b>		<b>E</b>	1000年多	対は意味を
Failure, Consequence of Fa	•	0,,	•	•			The same		State of the last	A LEGIS		
replacement of the AC wa		•		•		4				THE PARTY NAMED IN		
line of other material were			•	•		200					A 100 M	1
approximately 32,000 line	ar feet (6 miles)	of 12, 16, 20 2	4, and 30-inch	AC, Steel Reinfo	orced	14.4		and the		W. 18	( B)	
Concrete Pipe (SRPC), and	Ductile Iron (D	) pipe along Ne	w Trails Dr., Te	chnology Fores	st Blvd.,	A A STATE OF						7.
Research Forest Dr., Goslin	•	oend Circle, Qu	iet Oak Circle, a	and Golden Sha	dow Circle	,						- Action
were identified for this pro	oject scope.			•		21		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1			
PROJECT SCHEDULE				DELIVERY	FUNDING	<b>尼教</b> 》	1					
Initiate Cons. Selection	1:		.024	☑ CSP	□ 0&M	e real						
PSA/WO Issued:			.024	☐ Other	☐ Bonds							and i
Final Proposal Docs:		FY 2	.024		☑ R&R		A STATE OF					a later
Proposals/Bids Receive	ed:	FY 2	.024		☐ Other		C. S. A.				1	
Constr. Contract to Bo	ard:	FY 2	.025				13.0					A-4
Substantial Completion	n:	FY 2	.026	☐ Capitalized	☑ Expensed	No.		and the same of	NAT THE REAL PROPERTY.			VIL
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ 2,108,000	\$ -	\$ -	\$ 2,108,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	· \$ -	\$ -
Engineering/Design	\$ 2,108,000		\$ -	\$ 2,108,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	· \$ -	\$ -
Construction	\$ 21,715,000	\$ -	\$ -	\$ -	\$ 21,715,000	\$ -	\$ -	\$ -	\$ -	\$ -	- \$	\$ -
CPS, CM&I, and CMT	\$ 2,171,000	\$ -	\$ -	\$ -	\$ 2,171,000	\$ -	\$ -	\$ -	\$ -	\$ -	- \$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Ş -	\$ -	\$ -	\$ -	- \$ -	Ş -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Ş -	\$ -	\$ -	Ş -	· Ş -	Ş -
Total	\$ 28,102,000	\$ -	\$ -	\$ 4,216,000	\$ 23,886,000	\$ -	Ş -	\$ -	\$ -	Ş -	·   \$ -	\$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJ	ECT ID	FISCA	L YEAR		DIV	/ISION	
SCADA Tower Replace	ment				WA:	STR2	20	25		The W	oodlands/	
·					•			PROJI	ECT MAP/P	ICTURE		
SJRA has utilized radio con water and wastewater fac form a communications lo facilities received fiber link method at most water and facilities with fiber.  This project is part of a phouseful life of approximatel and have to be taken out owill replace the lattice tow communication to be main. This project will replace the WASTR3 are also included	illities in the ear pop around The ks as part of the d wastewater fa ased program t by 30 years. In a of service and la vers with hurrica intained during a	ly 2000's. Each Woodlands. Al GRP, radio cor cilities. In addi o replace SCAD ddition, the cu id on the grout ane rated mono a hurricane eve	n facility site m lthough water mmunication i ition, they are DA towers as the irrent towers a nd during hurr opole towers tent.	naintains a radio plant and waste is still the only coused as a backuney reach the enare aluminum latricane events. The that will allow rations.	and a tower to ewater ommunication op method at d of their ttice design hese projects dio							
PROJECT SCHEDULE				DELIVERY	FUNDING							
Initiate Cons. Selection	n:	FY 2	2025	<b>DELIVERY</b> ☑ CSP	FUNDING  O&M							
Initiate Cons. Selection PSA/WO Issued:	n:		2025 2025									
Initiate Cons. Selectior PSA/WO Issued: Final Proposal Docs:		FY 2		✓ CSP	□ 0&M							
Initiate Cons. Selection PSA/WO Issued:		FY 2 FY 2	2025	✓ CSP	☐ O&M ☐ Bonds							
Initiate Cons. Selectior PSA/WO Issued: Final Proposal Docs:	ed:	FY 2 FY 2 FY 2	2025 2025	✓ CSP	□ O&M □ Bonds ☑ R&R							
Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive	ed: ard: n:	FY 2 FY 2 FY 2	2025 2025 2025	✓ CSP	□ O&M □ Bonds ☑ R&R							
Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bo. Substantial Completion BUDGET*	ed: ard:	FY 2 FY 2 FY 2	2025 2025 2025 2025	☑ CSP ☐ Other	☐ O&M ☐ Bonds ☑ R&R ☐ Other	2026	2027	2028	2029	2030	2031	2032
Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bosubstantial Completion BUDGET* Planning/Permitting/PER	ed: ard: n: TOTAL	FY 2 FY 2 FY 2 FY 2 FY 2 FY 2 PREVIOUS	2025 2025 2025 2025 2025	☑ CSP ☐ Other ☑ Capitalized	☐ O&M ☐ Bonds ☑ R&R ☐ Other ☐ Expensed  2025 \$ -	2026	2027	2028	2029	2030	2031	2032
Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bosubstantial Completion BUDGET* Planning/Permitting/PER Engineering/Design	ed: ard: n: TOTAL \$ - \$ 8,000	FY 2 FY 2 FY 2 FY 2 FY 2 FY 2 PREVIOUS	2025 2025 2025 2025 2025	☑ CSP ☐ Other ☑ Capitalized	☐ O&M ☐ Bonds ☑ R&R ☐ Other ☐ Expensed  2025 \$ - \$ 8,000	<b>2026</b> \$ \$	<b>2027</b> \$	2028 \$	2029	2030 - \$ -	<b>2031</b> - \$ \$	2032 \$ -
Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bosubstantial Completion BUDGET* Planning/Permitting/PER Engineering/Design Construction	ed: ard: n: TOTAL \$ - \$ 8,000 \$ 78,000	FY 2 FY 2 FY 2 FY 2 FY 2 FY 2 PREVIOUS	2025 2025 2025 2025 2025 2026	☑ CSP ☐ Other ☑ Capitalized	□ O&M □ Bonds □ R&R □ Other □ Expensed  2025 \$ - \$ 8,000 \$ 78,000	<b>2026</b> \$ - \$ - \$	<b>2027</b> \$ -	2028 \$ - \$ -	<b>2029</b> \$ \$ \$ \$ \$	2030 - \$ - \$ - \$	2031 - \$	2032 \$ - \$ -
Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bo. Substantial Completion BUDGET* Planning/Permitting/PER Engineering/Design Construction CPS, CM&I, and CMT	ed: ard: n: TOTAL \$ - \$ 8,000	FY 2 FY 2 FY 2 FY 2 FY 2 FY 2 PREVIOUS	2025 2025 2025 2025 2025 2026	☑ CSP ☐ Other ☑ Capitalized	☐ O&M ☐ Bonds ☑ R&R ☐ Other ☐ Expensed  2025 \$ - \$ 8,000	<b>2026</b> \$ - \$ - \$ - \$	<b>2027</b> \$ - \$ - \$ - \$ - \$	<b>2028</b> \$	2029 \$ \$ \$	2030 - \$ - \$ - \$ - \$	2031 - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	2032 \$ - \$ - \$ -
Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bosubstantial Completion BUDGET* Planning/Permitting/PER Engineering/Design Construction	ed: ard: n: TOTAL \$ - \$ 8,000 \$ 78,000	FY 2 FY 2 FY 2 FY 2 FY 2 FY 2 PREVIOUS	2025 2025 2025 2025 2025 2026	☑ CSP ☐ Other ☑ Capitalized	□ O&M □ Bonds □ R&R □ Other □ Expensed  2025 \$ - \$ 8,000 \$ 78,000	<b>2026</b> \$ - \$ - \$ - \$ - \$	<b>2027</b> \$ - \$ - \$ - \$ - \$	<b>2028</b> \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	2029 \$ \$ \$ \$	2030 - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	2031 - \$ - \$ - - \$ - - \$ - - \$ -	2032 \$ - \$ - \$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJI	ECT ID	FISCA	L YEAR		DIV	ISION	
Water Well Rehabilitatio	n				WA2	5WR	20	)25		The W	oodlands	
PROJECT DESCRIPTION/J	USTIFICAT	ION:			•			PROJI	ECT MAP/PI	CTURE		
The Woodlands began receivi	ng treated s	urface water ir	2015, howeve	er, peak water d	emands will	1 2 P. C.	A PARTY OF		三人 计模			
continue to be met by existin	g ground wa	ter wells. Cons	equently, cont	inued well reha	bilitation is							
necessary in order to prolong	service life,	minimize risk o	of failure and re	educe increased	l maintenance	7. 16. 7			200	A ART T		
of the wells. SJRA completes		•					LI					
well(s) may require rehabilita		. ,	•	· ·		E LION			WW:09	The state of the s		
production needs of The Woo		n evaluated bas	sed on the well	l retirement pla	n for		A ALLEN					
rehabilitation or abandonmer	<b>1</b> τ.						No. of Contract of					
Based upon an evaluation of t	ha 38 water	wells Well No	s 9 and 19 are	anticinated to	have the need			<b>建物的</b>		7.	The second second	
for rehabilitation based upon				•		Contract Secretary	LAN PAGE 94	<b>建</b> 用研究				
Rehabilitation of Well Nos. 9		•	•	•				- Salata A	MITTAL	The same of the sa		ENBRIDGEDR
video of the well. Based upo		•	•	•	•	SATE TO SE	STATE OF A	AL REAL PROPERTY.	The state of the s	17個子被第二章		Q
well equipment; wire brushin	g the well so	reen section; j	etting out and	removing fill ma	aterial from		All Michaelle	<b>国际的</b>	-		TO COL	90
the bottom of the well; and p	erforming a	cid chemical tre	eatment of the	well screen sec	tions.	NOT THE RESERVE	R	ESEARCH FO	200	Maria .		NA NA
Rehabilitation may also include	le adding gra	avel pack mate	rial to the well	if needed. This	project may	(4) (4)	10 mg	ESEARCH FO	DREST DR		100	N.
include lowering of the well p	ump and inc	creasing the mo	otor size at bot	h locations.				April 1980 A Mission				1111
							14,		8			
Water Well No. 9 - Jasper Aqu	-					The day	E .	1	E	4		1
Water Well No. 19 - Jasper Ac	quiter; Desig	II GPIVI: 650					y are the same		on a second			" "有事
i						Nation 1		B				a de la Constantina del Constantina de la Consta
							A STATE OF THE STA	EV			开展的	
							<b>本人工</b>	976	WW.19	18 /		
PROJECT SCHEDULE				DELIVERY	FUNDING	1//	W Tooling	WALDEN BBIT	0		47.9	
Initiate Cons. Selection:		FY 2	2025	☑ CSP	□ 0&M					1 -1		
PSA/WO Issued:		FY 2	2025	☐ Other	☐ Bonds	64	1 11 1		-			
Final Proposal Docs:		FY 2	2025		☑ R&R		N. A.					128
Proposals/Bids Received:		FY 2	2025		☐ Other	N.						M. P.
Constr. Contract to Board	<b> :</b>	FY 2	2025						2.4			
Substantial Completion:		FY 2	2026	☐ Capitalized	✓ Expensed		0 10					
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design \$	269,000	\$ -	\$ -	\$ -	\$ 269,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction \$	2,692,000	\$ -	\$ -	\$ -	\$ 2,692,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT \$	269,000	\$ -	\$ -	\$ -	\$ 269,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase \$	-		IS -	IS -	IS -	IS -	IS -	<b>I</b> S -	IS -	. 19	IĆ	I C
· ·	3,230,000			+:	\$ 3,230,000	\$ -	<del>'</del>			<u>۲</u>	<del>-</del>	э -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJE	CT ID	FISCAI	YEAR		DIVI	SION	
Water Line Renewal					WA2	5WL	2025	-2026		The Wo	odlands	
PROJECT DESCRIPTION	/JUSTIFICAT	ION:						PROJI	CT MAP/PI	CTURE		
The SJRA owns and mainta and larger diameter in the cement (AC) lines. Approxi majority of which are madwater lines have the highe has experienced on averag distribution infrastructure repair frequencies, improv project is part of a phased system, with a plan to repl described in WA21WL, WAWA31WL, and WA32WL wAC lines will be replaced w years.  Using the SJRA Asset Mana Failure, Consequence of Fareplacement of the AC wat 13,000 linear feet (2.5 mile Grogan's Mill Road were id	Woodlands. The mately 20 miles of AC materials of Frequency of five 9 failures per and increasing ereliability to easset managen ace all AC wate 23WL, WA24W will accomplish the PVC or HDP agement Plan stilure, and Mitiger lines in the Nes) of 12 and 16	e existing districts of all water lires of all water lires. Industry assets ailure, and average of breaks, and users and ment approach to r lines within the goal of replace lines with an acceptance of the second	bution system les are more the t management rage useful life anding upward. water line rene naintain reques to continuously le next 20 year A27WL, WA28 acing all of the average expect firmed by a colorer used to so soion System. F mains in the V	contains 47 million an 40 years old practices sugge of 50 years. His Due to the agreed is necessarsted level of services. Other project WL, WA29WL, AC pipe in the steed useful life of the steed useful life of the steed useful rom this, appropriation this, appropriation of this, appropriation of the steed useful rom this, appropriation of this appropriation of the steel of the	les of asbestos I, and the est that AC storically, SJRA ing water by to decrease vice. This lines in the ests as WA30WL, system. The f more than 80 hood of the ests as was w							
PROJECT SCHEDULE				DELIVERY	FUNDING					3		
Initiate Cons. Selection	:	FY 2		☑ CSP	□ 0&M	- 9					6	a chi
PSA/WO Issued:		FY 2		☐ Other	Bonds	The state of the s		BILL			4	
Final Proposal Docs:	.d.	FY 2	-		☑ R&R	N.		6/1/		4		Since of
Proposals/Bids Receive		FY 2			☐ Other					A. A		The state of
Constr. Contract to Boa		FY 2 FY 2		☐ Capitalized	✓ Expensed		The state of the s					Charles and the second
Substantial Completion BUDGET*	TOTAL	PREVIOUS	2023		·	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ 686,000		\$ -	2024	<b>2025</b> \$ 686,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
Engineering/Design	\$ 686,000	\$ -	\$ -	\$ -	\$ 686,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
Construction	\$ 7,061,000	\$ -	\$ -	\$ -	\$ -	\$ 7,061,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$
CPS, CM&I, and CMT	\$ 706,000	\$ -	\$ -	\$ -	\$ -	\$ 706,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$
Land Acquisition				I .	I .	I .	I .			1 .	1.	1.

<sup>\*</sup>Budget includes contingency.

\$ 9,139,000 \$

Equipment Purchase

Total

- \$ 1,372,000 \$ 7,767,000 \$

PROJECT NAME:					PROJ	ECT ID	FISCA	L YEAR		DIVI	SION	
Water Well Rehabilitat	tion				WA2	6WR	20	026		The Wo	odlands	'
PROJECT DESCRIPTION	I/JUSTIFICAT	ION:						PROJ	ECT MAP/PI	CTURE		
The Woodlands began rece continue to be met by exist necessary in order to prolo of the wells. SJRA complet well(s) may require rehabil production needs of The Wrehabilitation or abandonn Based upon an evaluation of rehabilitation based up Rehabilitation of Well Nos. video of the well. Based uwell equipment; wire brush the bottom of the well; and Rehabilitation may also incor capacity increase is plan Water Well No. 8 - Evangel Water Well No. 38 - Evangel	eiving treated sating ground wath a service life, tes an semi-anilitation. The tark/oodlands, the inent.  of the 38 water on date of last and 38 will be inspecting the well so deperforming are laude adding grand for these thing the Aquifer; Definition of the performing are laude adding grand for these thing the Aquifer; Definition of the set the set of the set	urface water in ter wells. Consorminize risk on ual inspection geted well(s) and evaluated base wells, Well No previous rehabegin with an intion, the project reen section; jectid chemical treavel pack mater wo Evangeline sign GPM: 800	equently, conti of failure and re- of each water re compared to sed on the well as. 8 and 38 are illitation and prospection of all ct may include exting out and re- eatment of the rial to the well aquifer wells.	nued well rehated well to determine the long-term retirement plans anticipated to roduction capable well related equipplacement of removing fill markets.	bilitation is maintenance ne which water n for have the need bilities. uipment and a pump and sterial from tions.	LARGE	Rockop	WOODLANI	WW:08	CIORE	GostingRo	
PROJECT SCHEDULE			026	DELIVERY	FUNDING			311	The same of			
Initiate Cons. Selection	:	FY 2		☑ CSP	□ 0&M							CE STATE OF
PSA/WO Issued:		FY 2	-	☐ Other	Bonds			The state of the s			100	
Final Proposal Docs:	. al .	FY 2			☑ R&R			1			No. of	
Proposals/Bids Receive		FY 2			☐ Other	STA			WW.38			and a
Constr. Contract to Boa		FY 2	-	☐ Capitalized	✓ Expensed	15 19			A STATE OF THE PARTY OF THE PAR		1	
Substantial Completion		FY 2				2026	2027	2020	2020	2020	2021	2022
BUDGET* Planning/Permitting/PER	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Engineering/Design	\$ 82,000	\$ - \$ -	\$ -	\$ -	\$ -	\$ 82,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -     \$ -
Construction	\$ 818,000	\$ -	, \$ -	\$ -	\$ -	\$ 818,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 82,000	\$ -	\$ -	\$ -	\$ -	\$ 82,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 982,000	\$ -	\$ -	\$ -	\$ -	\$ 982,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:	PROJ	ECT ID	FISCAL YEAR	DIVISION
Water Line Renewal	WA2	26WL	2026-2027	The Woodlands
	·		PROJ	ECT MAP/PICTURE
The SIRA owns and maintains approximately 120 miles of notable water distribute	tion lines 12-inches	+1 10 344		

The SJRA owns and maintains approximately 120 miles of potable water distribution lines 12-inches and larger diameter in the Woodlands. The existing distribution system contains 47 miles of asbestos cement (AC) lines. Approximately 20 miles of all water lines are more than 40 years old, and the majority of which are made of AC material. Industry asset management practices suggest that AC water lines have the higher frequency of failure, and average useful life of 50 years. Historically, SJRA has experienced on average 9 failures per year, and is trending upward. Due to the aging water distribution infrastructure and increasing rate of breaks, water line renewal is necessary to decrease repair frequencies, improve reliability to end-users and maintain requested level of service. This project is part of a phased asset management approach to continuously replace water lines in the system, with a plan to replace all AC water lines within the next 20 years. Other projects as described in WA21WL, WA23WL, WA24WL, WA25WL, WA27WL, WA28WL, WA29WL, WA30WL, WA31WL, and WA32WL will accomplish the goal of replacing all of the AC pipe in the system. The AC lines will be replaced with PVC or HDPE lines with an average expected useful life of more than 80 years.

Using the SJRA Asset Management Plan strategy, and confirmed by a consultant, Likelihood of Failure, Consequence of Failure, and Mitigation Factors were used to score and prioritize replacement of the AC water lines in the Woodlands Division System. From this, approximately 21,000 linear feet (4 miles) of 12 and 16-inch water mains along Sawmill Road, Sawdust Road, and Grogan's Point Road were identified for this project scope.

Initiate Cons. Selection: FY 2026	DING
11 2020 E 65	М
PSA/WO Issued: FY 2026 ☐ Other ☐ Bot	nds
Final Proposal Docs: FY 2026	R
Proposals/Bids Received: FY 2027 □ ○••	er
Constr. Contract to Board: FY 2027	
Substantial Completion: FY 2028 ☐ Capitalized ☑ Exp	ensed

						CONTRACTOR OF THE PARTY OF THE	HOME OF THE PARTY	The same of the same of	UP IT IN A SECOND FOR INCIDEN	CHECKS AND STREET, PROPERTY OF	PROBLEMS AND RESIDENCE	CONTRACTOR OF THE PERSON OF TH
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ 762,000	\$ -	\$ -	\$ -	\$ -	\$ 762,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 762,000	\$ -	\$ -	\$ -	\$ -	\$ 762,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 7,850,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,850,000	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 785,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 785,000	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 10,159,000	\$ -	\$ -	\$ -	\$ -	\$ 1,524,000	\$ 8,635,000	\$ -	\$ -	\$ -	\$ -	\$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:				PROJ	ECT ID	FISCAI	L YEAR		DIV	ISION	
Elevated Storage Tank No. 5	Rehabilitation			WA	ET5R	20	27		The Wo	odlands	
PROJECT DESCRIPTION/JUST	IFICATION:						PROJ	ECT MAP/PI	CTURE		
Elevated Storage Tank No. 5 is a 1, Dunham Engineering report comp replaced in 2015. A follow-up insp and scope for any additional rehal recoating of the tank exterior and exterior and interior from corrosic To protect the metal structure fro protective coating system replace value in about 12-15 years and recorrosion protection. The useful li on the type of paint and thickness	bleted in 2013, the extroection of the tank will bilitation work. Antici interior surfaces for non.  m corrosion and to ex ment is required. Integuire system replacem fe of an exterior coati	erior and interi Il be completed pated rehabilit naintenance ar tend the usefu erior coating sy- nent in order to	or coating system in 2026 to iden ation of the tank nd to continue to I life of the tank, stems meet thei o continue to pro	ms were tify the need includes protect the periodic r protective wide adequate			Woodle	ds			
PROJECT SCHEDULE			DELIVERY	FUNDING	100				7	<b>等</b> 的。	-
Initiate Cons. Selection:		2027	☑ CSP	□ 0&M		NEWS.		12 24		7	
PSA/WO Issued:		2027	☐ Other	☐ Bonds		A STATE OF THE STA			THE PERSON NAMED IN	4 44	
Final Proposal Docs:		2027		☑ R&R	100	4	1		THE PARTY N		
Proposals/Bids Received:		2027		☐ Other	ande.			777	1	A STATE	
Constr. Contract to Board:		2027			<b>新雄"</b>					學學	
Substantial Completion:		2028	☐ Capitalized	✓ Expensed	2000年	ALEXA	THE STATE OF THE S	THIN	1	- 17	4
BUDGET* TO	TAL PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER \$	- \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	06,000 \$ - 56,000 \$ -	۶ - د	; ; · ·	۶ - د	> - c	\$ 106,000 \$ 1,056,000	۶ - د	۶ - د	۶ - د	۶ د	۶ - د
, COHSH UCHOH		[ ]	], -	] ·	[ ]		- د	- د	- ا	· ·	
	16 000 TS -	15 -	- 15	- 15	15 -	1 106 000			ļ\$ -	IS -	ς -
CPS, CM&I, and CMT \$ 10	06,000 \$ - - \$ -	\$ -   \$ -		\$ - \$ -	\$ - \$ -	\$ 106,000	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ -
	-   \$ - -   \$ -	\$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ -	\$ 106,000	\$ - \$ -	\$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJ	ECT ID	FISCA	L YEAR		DIV	ISION	
Water System Mechar	nical Asset Re	placement			WAN	MAR2	2026	-2027		The W	oodlands	
								PROJ	ECT MAP/PI	CTURE		
The SJRA Woodlands Divis motors, pumps, chlorinate control centers. As these to maintain the current levingoing series of projects.  Other projects in the 10-Yew WAMAR1, WAMAR3, and	ors engines, mo assets reach the vel of service. T ear Project Plan	tor control valv e end of their u hese replacem	es, generators, seful life, these ents will be pe	transfer switch e assets require rformed as par chanical Assets	hes, and motor replacement t of an on- include			-	VERANGER 40 VOLTS	AC		
PROJECT SCHEDULE			<u> </u>	DELIVERY	FUNDING							
Initiate Cons. Selection	1:		eded	☑ CSP	□ 0&M					•		4
PSA/WO Issued:			eded	☐ Other	□ Bonds							
Final Proposal Docs:	•		eded		☑ R&R					SWARRING - LAY COUNTY AVERTISE O'LES CHICAGO	INTER THAN ONE  1 SEC CALABAM MANY THAN ONE	and market and the
Proposals/Bids Receive			eded		Other							
Constr. Contract to Box			eded				5//	1.			3	
Substantial Completion	n:	As Ne	eded	☐ Capitalized	✓ Expensed	1.7.			24		0,1	7
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ -	\$ -	\$ -	\$ -	<b> </b> \$ -	-	-	-	\$ -	\$ -	\$ -	\$
Construction	\$ 70,000	\$ -	\$ -	Ş -	Ş -	-	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$
CPS, CM&I, and CMT	\$ 7,000	\$ -	\$ -	Ş -	Ş -	<b> </b> \$ -	\$ 7,000	\$ -	\$ -	\$ -	\$ -	\$
Land Acquisition	\$ -	\$ -	\$ -	Ş -	Ş -	-	\$ -	<b>S</b> -	\$ -	\$ -	\$ -	\$
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
Total	\$ 77,000	\$ -	\$ -	-	-	-	\$ 77,000	\$ -	\$ -	\$ -	<b> </b> \$ -	IS .

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJI	ECT ID	FISCAI	YEAR		DIV	ISION	
SCADA Tower Replace	ment				WA:	STR3	20	27		The Wo	odlands	
·								PROJ	ECT MAP/PIO	CTURE		
SJRA has utilized radio con water and wastewater faci form a communications lo facilities received fiber link method at most water and facilities with fiber.  This project is part of a phase useful life of approximately and have to be taken out owill replace the lattice tow communication to be main. This project will replace th WASTR2 are also included	ilities in the ear op around The cs as part of the d wastewater far ased program to y 30 years. In a price and layers with hurric intained during the tower at the	rly 2000's. Each Woodlands. Ale GRP, radio coracilities. In addition, the cuald on the ground ane rated monda hurricane ever Water Well Nos	a facility site ma lthough water p mmunication is ition, they are u A towers as the rrent towers ar and during hurri opole towers the ent.	aintains a radio plant and waste still the only coused as a backurey reach the enrealuminum late cane events. That will allow rate. Projects WA	and a tower to ewater ommunication p method at d of their ctice design hese projects dio							
PROJECT SCHEDULE				DELIVERY	FUNDING	- 1 // APP   P						
Initiate Cons. Selection	1:	FY 2	2027	☑ CSP	□ 0&м	14						
PSA/WO Issued:			2027	☐ Other	☐ Bonds		DIM.		etas L			
Final Proposal Docs:		FY 2	2027		☑ R&R							
Proposals/Bids Receive	ed:	FY 2	2027		☐ Other					and the same of th		
Constr. Contract to Box	ard:	FY 2	2027									
Substantial Completion	n:	FY 2	2028	✓ Capitalized	☐ Expensed						2	
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 8,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,000	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 83,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 83,000	\$ -	\$ -	\$ -	\$ -	\$ -
CDC CNARL and CNAT	\$ 8,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,000	\$ -	\$ -	\$ -	\$ -	۔ ا
CPS, CM&I, and CMT						<ul><li>.</li></ul>	1 4	1 4	• ·		• .	7
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	<b> </b> \$ -	ļ\$ -	Ş -	\$ -	\$ -	\$ -	\$ -
	\$ - \$ - \$ 99,000	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -

<sup>\*</sup>Budget includes contingency.

DDOJECT NAME.					DDOU	ECT ID	FISCA	VEAD		DIV	ICION	
PROJECT NAME:	*!					_		L YEAR			ISION	1
Water Well Rehabilita		ION:			WAZ	27WR	20	)27	ECT NAAD/DI		oodlands	
PROJECT DESCRIPTION	-		2015				0.00	PRUJ	ECT MAP/PI			
The Woodlands began recontinue to be met by exis	•		•	• •			Constitution	to the	S	T LUKES WAY		
necessary in order to prolo	0.0		• •				4000	图第 秦		A 6911	The same	N. A. IV.
of the wells. SJRA comple						<b>等。对学</b>			<b>并</b>			Bug to
well(s) may require rehabi		•				144			THE RESERVE			A Property of the Parket of th
production needs to meet		. ,	•	ū				选业后	E .		RE DE	0 196 00 00
retirement plan for either	rehabilitation o	r abandonmen	t.							4 9	- Care	THE REAL PROPERTY.
·							1					-
Based upon an evaluation	of the 38 water	wells, Well No	s. 27 and 29 ar	e anticipated to	have the		-34		WW.27			
need for rehabilitation bas	•	•		•	•				0			23 8
Rehabilitation of Well Nos		· ·	•					1				
a video of the well. Based			•	•			发传					
well equipment; wire brus	-	. •	-	~			y					
the bottom of the well; an								AND THE	Marine Ball	THE RESERVE		Lag
Rehabilitation may also inc	0.0	•			project may	CATFIG	14.10		the Langton Comment		(00)	
include lowering of the we	ii puilip aliu ilii	reasing the inc	otor size at boti	i locations.		The same	A COLUMN			1000		
Water Well No. 27 - Jasper	r Aquifer: Desig	n GPM: 1 500						1		1		
Water Well No. 29 - Jasper		•				10.4	10000	12160	-		Haller Land	- fe
						100	· 人及 参		++		-	
						542				The same of the sa	No. of the last of	
									WW.29	100		
	,								1			
PROJECT SCHEDULE				DELIVERY	FUNDING		S TO SEE		- TAR			3,440
Initiate Cons. Selection	n:	FY 2	.027	☑ CSP	□ 0&M							
PSA/WO Issued:		FY 2	.027	☐ Other	☐ Bonds	Server .			未。			
Final Proposal Docs:		FY 2	.027		☑ R&R		HAR			是 公司	Mr. A.	The state of
Proposals/Bids Receive	ed:	FY 2	.027		☐ Other		10 / F 30			The state of the s	The state of the s	10
Constr. Contract to Box	ard:	FY 2	.027						Sales Sales		FR PER	RACIR
Substantial Completion	า:	FY 2	.028	☐ Capitalized	✓ Expensed				320		NFRONTER	1 1
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 143,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143,000	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 1,430,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,430,000	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 143,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143,000	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 1,716,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,716,000	\$ -	\$ -	\$ -	\$ -	-

<sup>\*</sup>Budget includes contingency.

PROJECT NAME: PROJE														
Water Plant No. 2 Ground Storage Tank No. 1 Replacement WA2							2GT1 2027-2028 The Woodlands							
PROJECT DESCRIPTION		PROJECT MAP/PICTURE												
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. The typical useful life for concrete ground storage tanks storing potable water is 50 years. GST No. 1 will reach the end of its useful life by year 2032, and should be replaced before then in order to maintain adequate storage capacity and reliable potable water service. Also, in 2017, structural deficiencies were identified during an annual inspection and repairs made to maintain service life.  The project will include 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.														
PROJECT SCHEDULE DELIVERY FUNDING								Assessed to the second			Library 1			
Initiate Cons. Selection	1:	FY 2	2027	☑ CSP	□ 0&M			· ·						
PSA/WO Issued:	☐ Other	☐ Bonds		2000		344 - 15 Back			A STATE OF THE STA					
Final Proposal Docs:		☑ R&R												
Final Proposal Docs: FY 2027  Proposals/Bids Received: FY 2027														
Constr. Contract to Bo				The second second		Access 1								
Substantial Completion	☐ Capitalized	✓ Expensed	<b>通光系</b>	# 19 C. S.	the second	and the same								
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032		
Planning/Permitting/PER		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -		
Engineering/Design	+,	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -		
Construction	\$ 4,118,000	\$ -  .	\$ -	<b> </b> \$ -	\$ -	\$ -	\$ -	\$ 4,118,000	\$ -	-	\$ -	\$ -		
CPS, CM&I, and CMT	\$ 412,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 412,000	\$ -	\$ -	\$ -	\$ -		
Land Acquisition	۶ - د	÷ -	۶ - د	۶ - د	۶ - د	۶ - د	۶ - د	۶ - د	۶ - د	\$ -	۶ - د	۶ - د		
Equipment Purchase	<b>&gt;</b> -	<b>&gt;</b> -	<b>&gt;</b> -	γ -	<b>&gt;</b> -	- ζ	- ζ	<b>&gt;</b> -	<b>&gt;</b> -	> -	> -	<b>&gt;</b> -		

<sup>\*</sup>Budget includes contingency.

Total

\$ 5,130,000 \$

600,000 \$ 4,530,000 \$

PROJECT NAME:		PROJE	CT ID	FISCAL YEAR		DIVISION						
Water Line Renewal	WA2	7WL 2027-2028 The Woodlands										
PROJECT DESCRIPTION/JUSTIFICATION:						PROJECT MAP/PICTURE						
The SJRA owns and mainta and larger diameter in the cement (AC) lines. Approxi majority of which are made water lines have the higher has experienced on averag phased asset management to replace all AC water line management approach to the AC lines are replaced wWA23WL, WA24WL, WA25 will accomplish the goal of with PVC or HDPE lines wit Using the SJRA Asset Mana Failure, Consequence of Fareplacement of the AC wat 25,500 linear feet (4.8 mile east of Grogan's Mill Road	Woodlands. The mately 20 miles are of AC materials of Frequency of the 9 failures per approach to continuously rewithin the next 25 WL, WA26WL, replacing all of the an average examples are lines in the Ness) of 12, 16 and	e existing districtions of all water linds. Industry assertially earlier, and average year, and is tree ontinuously report 20 years. The place old AC was 20 years. Othe WA28WL, WA the AC pipe in expected useful earategy, and congation Factors was woodlands Divid 20-inch AC was allowed to the AC was allowed	ibution systemmes are more to the management arage useful life ending upward olace water line is project is payater lines in the projects as decayed. WA30W the system. The life of more the mfirmed by a cowere used to seision System.	to contains 47 min han 40 years old the practices sugge of 50 years. His project is es in the system of a phased and system, to en escribed in WA2 /L, WA31WL, and e AC lines will be an 80 years.  The system, to enter a will be an expected in WA2 was an expected in WA2 was an expected in was a was	les of asbestos d, and the est that AC storically, SJRA is part of a a, with a plan sset sure that all 21WL, and WA32WL be replaced hood of ize oximately ogan's Mill							
PROJECT SCHEDULE		E) ( 0		DELIVERY	FUNDING			A All		1 1 1	ا با	
	ate Cons. Selection: FY 2027		☑ CSP	□ 0&M						6	CHE	
PSA/WO Issued: FY 2027		☐ Other	Bonds			1 3/1		1 1		The same		
Final Proposal Docs: FY 2027			☑ R&R			6/1			4			
Proposals/Bids Received: FY 2028				☐ Other					A		The state of	
Constr. Contract to Board: FY 2028 Substantial Completion: FY 2029				Constanting t						ME A		and the state of t
Substantial Completion:  BUDGET*  TOTAL PRE				☐ Capitalized	✓ Expensed	2026	2027	2020	2020	2020	2021	2022
Planning/Permitting/PER	<b>TOTAL</b> \$ 1,169,000	<b>PREVIOUS</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b> \$ 1,169,000	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>2031</b>	<b>2032</b>
-	\$ 1,169,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,169,000		, \$ -	; ;	\$ -	\$
		_	i .	l۵	I.	ي ا	ا ما	4 4 9 9 4 9 9 9 9		l .	I .	l.

CPS, CM&I, and CMT

Equipment Purchase

Land Acquisition

\$ 12,042,000 \$

\$ 1,204,000 \$

\$ 15,584,000 \$

- \$

Construction

Total

- \$ 12,042,000 \$

- \$ 1,204,000 \$

\$ 2,338,000 \$ 13,246,000 \$

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:		PROJE	CT ID	FISCAL	. YEAR		DIVI	ISION	
Elevated Storage Tank No. 7 Rehabilitation		WAE	T7R	20	28		The Wo	odlands	
PROJECT DESCRIPTION/JUSTIFICATION:					PROJE	CT MAP/PIC	TURE		
Elevated Storage Tank No. 7 is a 500,000 gallon tank and was constructed in 1 Dunham Engineering report completed in 2013, the exterior and interior coat replaced in 2016. A follow-up inspection of the tank will be completed in 202 and scope for any additional rehabilitation work. Anticipated rehabilitation o recoating of the tank exterior and interior surfaces for maintenance and to coexterior and interior from corrosion.  To protect the metal structure from corrosion and to extend the useful life of protective coating system replacement is required. Interior coating systems revalue in about 12-15 years and require system replacement in order to contincorrosion protection. The useful life of an exterior coating is expected to be 1 on the type of paint and thickness applied.	is were fy the need includes protect the periodic protective ride adequate			and 5°		Wood	Tal.		
PROJECT SCHEDULE DEI	ELIVERY	FUNDING							
Initiate Cons. Selection: FY 2028	CSP	□ 0&M					No.		
PSA/WO Issued: FY 2028 □ ○	Other	□ Bonds				Jan 1	1		T TOTAL
Final Proposal Docs: FY 2028		☑ R&R							12-11-11
Proposals/Bids Received: FY 2028		Other							
Constr. Contract to Board: FY 2028									THE REAL PROPERTY.
Substantial Completion: FY 2029	Capitalized	✓ Expensed							
	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER \$ - \$ - \$	- 5	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -
Engineering/Design \$ 106,000 \$ - \$ - \$	-   9	\$ -	\$ -	\$ -	\$ 106,000	\$ -	\$ -	\$ -	\$ -
Construction \$ 1,055,000 \$ - \$	-   \$	\$ -	\$ -	\$ -	\$ 1,055,000	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT \$ 106,000 \$ - \$	-   9	\$ - <b> </b>	\$ -	\$ -	\$ 106,000	\$ -	\$ -	\$ -	\$ -
Land Acquisition \$ - \$ - \$	-   5	\$ - <b> </b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase \$ - \$ - \$	\$ -	\$ - \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total \$ 1,267,000 \$ - \$ - \$ ** *Budget includes contingency.	- [	\$ -	\$ -	\$ -	\$ 1,267,000	<b>&gt;</b> -	- ۷	\$ -	> -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROII	ECT ID	FISCA	L YEAR		DIV	ISION	
Pressure Regulating Va	lvo Pobabili	tation				PRV2		)28			oodlands	
Pressure Regulating Va	iive neliabili	tation			VVAI	-NVZ			ECT MAP/PI		boularius	
The Woodlands Water Syst	اممه امطانياط مطا	mta thraa mraa		was ult of alous	tia.a			PROJE	CT WAP/PI	CIORE		STATES OF THE STATE OF THE STAT
differences across the Woo						The second control of the second		The second second				
boundaries, pressure regul						Service and the service of	The same of the sa					
each pressure plane, but al	•	•			•					TO MANAGEMENT		
of a pressure drop resulting	g from a water	line failure or	fire event. The	expected usefu	Il life of the							
PRV assembly is 30 years a	nd several PRV	s in the system	have reached	or are near rea	ching the end			Time.		Stant Control		
of this lifespan.						-					1000	
This project will be for the	renlacement o	f the internal c	omponents of I	DRV Nos 6 and	7 which were		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					7 - 3
installed in 2000.	теріасеттеті о	i the internal c	omponents or i	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	, willen were							
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								A A STATE				
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						(李建)		14 25			<b>于</b> 主义为3	
							7/3/2				7 7 6	<b>表现</b> 。在
							油点表 (二)	The WEST			4	<b>"</b> "
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										Edia de la		A
							1. 10 110		N 4 T AND			
											STATE OF	
						多秦 (三)		14.0				
PROJECT SCHEDULE				DELIVERY	FUNDING							
Initiate Cons. Selection	:	FY 2	2028	☑ CSP	□ 0&M				<b>第四届</b>	<b>学學</b> 學		
PSA/WO Issued:		FY 2	2028	☐ Other	☐ Bonds					1 N	经接头走	
Final Proposal Docs:		FY 2	2028		☑ R&R		<b>建</b> 公本户		N. A. A. A.			
Proposals/Bids Receive	d:	FY 2	2028		☐ Other		文品级特		对关系		Navie 1	外线流
Constr. Contract to Boa	ard:	FY 2	2028			<b>有不多</b> 法		Mar Steven				
Substantial Completion	n:	FY 2	2029	☐ Capitalized	✓ Expensed	<b>发</b> 经验		Navy sake	ALVAR TO	表情的 V		
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
J. J.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ -	\$ -	Ş -	Ş -	\$ -	\$ -	Ş -	\$ -	\$ -	\$ -	\$ -	Ş -
Construction CPS, CM&I, and CMT	\$ 155,000 \$ 10,000	۶ - د	\$ - c	; -	۶ - د	۶ - د	۶ - د	\$ 155,000 \$ 10,000	۶ - د	\$ -	> -   c	۶ - د
Land Acquisition	٠ ±0,000 \$	- د -	- د	- د	ς -	- د	\$ -	\$ 10,000 L	- د -	ς -	\$	- د
Equipment Purchase								\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 165,000	\$ -	ċ	ċ	·	·	ė	\$ 165,000	\$ -	ċ		<del>                                     </del>

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:	PROJE	CT ID	FISCAL	YEAR		DIV	ISION	
Water Well Rehabilitation	WA2	3WR	20	28		The Wo	odlands	
PROJECT DESCRIPTION/JUSTIFICATION:				PROJE	CT MAP/PIC	TURE		
The Woodlands began receiving treated surface water in 2015, however, peak water continue to be met by existing ground water wells. Consequently, continued well references of the wells. SJRA completes an semi-annual inspection of each water well to determ well(s) may require rehabilitation. The targeted well(s) are compared to the long-term production needs of The Woodlands, then evaluated based on the well retirement play rehabilitation or abandonment.  Based upon an evaluation of the 38 water wells, Well Nos. 10, 20 and 36 are anticipated need for rehabilitation based upon date of last previous rehabilitation and production Rehabilitation of Well Nos. 10, 20 and 36 will begin with an inspection of all well related and a video of the well. Based upon the inspection, the project may include replace and well equipment; wire brushing the well screen section; jetting out and removing of from the bottom of the well; and performing acid chemical treatment of the well screen section may also include adding gravel pack material to the well if needed. No or capacity increase is planned for these two Evangeline aquifer wells.  Water Well No. 10 - Evangeline Aquifer; Design GPM: 1,100  Water Well No. 36 - Evangeline Aquifer; Design GPM: 950	abilitation is d maintenance nine which n water an for  ted to have the n capabilities. ted equipment ment of pump fill material ten sections. well lowering	Manuelega	RESEA	RCH FORES	WW.10		OREINBRIDGE	
PROJECT SCHEDULE DELIVERY	FUNDING			8	<b>WW.36</b>			
Initiate Cons. Selection: FY 2028   □ CSP  SSA (AVO Jacobs de Selection ST 2028 □ CSP	□ 0&M	1/2/9	- Gir	1	O			
PSA/WO Issued: FY 2028 ☐ Other	Bonds			The state of the s				
Final Proposal Docs: FY 2028 Proposals/Bids Received: FY 2028	☑ R&R					4. Wh.	and the second second	
· · · ·	Other				Will Will	The second secon		
Constr. Contract to Board: FY 2028  Substantial Completion: FY 2029 □ Capitalized	✓ Expensed		3. A.				The state of the s	
		2026	2027	2028	2029	2030	2031	2022
BUDGET*         TOTAL         PREVIOUS         2023         2024           Planning/Permitting/PER         \$ - \$ - \$ - \$ - \$ - \$         \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	2025	\$ _ [	\$ _	\$ _	\$ -	\$ _	\$ -	2032
Engineering/Design \$ 130,000 \$ - \$ - \$	.   \$ -	\$ -	\$ -	\$ 130,000	\$ -	\$ -	\$ -	\$ -
Construction \$ 1,302,000 \$ - \$ - \$	. \$ -	\$ -	\$ -	\$ 1,302,000	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT \$ 130,000 \$ - \$ - \$ -	·  \$ -	\$ - <b> </b>	\$ -	\$ 130,000	\$ -	\$ -	\$ -	\$ -
Land Acquisition \$ - \$ - \$ -	. \$ -	\$ - <b> </b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase \$ - \$ - \$ -	· \$	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total \$ 1,562,000 \$ - \$ - \$ -	. \$ -	ς -	ς -	\$ 1,562,000	\$ -	ς -	ς _	Ċ

<sup>\*</sup>Budget includes contingency.

Water Line Renewal  The SJRA owns and maintains approximately 120 miles of potable water distribution lines 12-inches and larger diameter in the Woodlands. The existing distribution system contains 47 miles of asbestos cement (AC) lines. Approximately 20 miles of all water lines are more than 40 years old, and the majority of which are made of AC material. Industry asset management practices suggest that AC water lines have the higher frequency of failure, and average useful life of 50 years. Historically, SJRA has experienced on average 9 failures per year, and is trending upward. Due to the aging water distribution infrastructure and increasing rate of breaks, water line renewal is necessary to decrease repair frequencies, improve reliability to end-users and maintain requested level of service. This project is part of a phased asset management approach to continuously replace water lines in the system, with a plan to replace all AC water lines within the next 20 years. Other projects as described in WA21WL, WA23WL, WA24WL, WA25WL, WA26WL, WA27WL, WA29WL, WA30WL, WA31WL, and WA32WL will accomplish the goal of replacing all of the AC pipe in the system. The AC lines will be replaced with PVC or HDPE lines with an average expected useful life of more than 80 years.  Using the SJRA Asset Management Plan strategy, and confirmed by a consultant, Likelihood of Failure, Consequence of Failure, and Mitigation Factors were used to score and prioritize replacement of the AC water lines in the Woodlands Division System. Also, short sections of water line of other material were identified for replacement using the same criteria. From this,	PROJE	ECT MAP/PICT	The Wood TURE		
The SJRA owns and maintains approximately 120 miles of potable water distribution lines 12-inches and larger diameter in the Woodlands. The existing distribution system contains 47 miles of asbestos cement (AC) lines. Approximately 20 miles of all water lines are more than 40 years old, and the majority of which are made of AC material. Industry asset management practices suggest that AC water lines have the higher frequency of failure, and average useful life of 50 years. Historically, SJRA has experienced on average 9 failures per year, and is trending upward. Due to the aging water distribution infrastructure and increasing rate of breaks, water line renewal is necessary to decrease repair frequencies, improve reliability to end-users and maintain requested level of service. This project is part of a phased asset management approach to continuously replace water lines in the system, with a plan to replace all AC water lines within the next 20 years. Other projects as described in WA21WL, WA23WL, WA24WL, WA25WL, WA26WL, WA27WL, WA29WL, WA30WL, WA31WL, and WA32WL will accomplish the goal of replacing all of the AC pipe in the system. The AC lines will be replaced with PVC or HDPE lines with an average expected useful life of more than 80 years.  Using the SJRA Asset Management Plan strategy, and confirmed by a consultant, Likelihood of Failure, Consequence of Failure, and Mitigation Factors were used to score and prioritize replacement of the AC water lines in the Woodlands Division System. Also, short sections of water line of other material were identified for replacement using the same criteria. From this,		ECT MAP/PICT	TURE		
and larger diameter in the Woodlands. The existing distribution system contains 47 miles of asbestos cement (AC) lines. Approximately 20 miles of all water lines are more than 40 years old, and the majority of which are made of AC material. Industry asset management practices suggest that AC water lines have the higher frequency of failure, and average useful life of 50 years. Historically, SJRA has experienced on average 9 failures per year, and is trending upward. Due to the aging water distribution infrastructure and increasing rate of breaks, water line renewal is necessary to decrease repair frequencies, improve reliability to end-users and maintain requested level of service. This project is part of a phased asset management approach to continuously replace water lines in the system, with a plan to replace all AC water lines within the next 20 years. Other projects as described in WA21WL, WA23WL, WA24WL, WA25WL, WA26WL, WA27WL, WA29WL, WA30WL, WA31WL, and WA32WL will accomplish the goal of replacing all of the AC pipe in the system. The AC lines will be replaced with PVC or HDPE lines with an average expected useful life of more than 80 years.  Using the SJRA Asset Management Plan strategy, and confirmed by a consultant, Likelihood of Failure, Consequence of Failure, and Mitigation Factors were used to score and prioritize replacement of the AC water lines in the Woodlands Division System. Also, short sections of water line of other material were identified for replacement using the same criteria. From this,					
approximately 21,000 linear feet (4 miles) of 12 and 24-inch AC and Steel Reinforced Concrete Pipe (SRPC) pipe along Woodlands Parkway, East Panther Creek Drive, West Isle Place, and Lake Woodlands Drive were identified for this project scope.			Ī		
PROJECT SCHEDULE  DELIVERY FUNDING  DELIVERY FUNDING					
Initiate Cons. Selection: FY 2028  ☐ CSP ☐ O&M			The state of the s		
PSA/WO Issued: FY 2028 Other Bonds					-
Final Proposal Docs: FY 2028					
Proposals/Bids Received: FY 2028					1
Constr. Contract to Board: FY 2029					
Substantial Completion: FY 2030 ☐ Capitalized ☑ Expensed		ARCESSINGS			
BUDGET*         TOTAL         PREVIOUS         2023         2024         2025         2026         202           Planning/Permitting/PER         \$ 788,000         \$ - \$ - \$ - \$ - \$ - \$         \$ - \$ - \$ - \$         \$ - \$ - \$ - \$	<b>2028</b> - \$ 788,000	2029	2030	2031	2032
Engineering/Design \$ 788,000 \$ - \$ - \$ - \$ - \$ - \$	- \$ 788,000 - \$ 788,000	۶ - ۱۶ د - ۱۶	۶ -   د -	\$ - \$ _	\$ -   \$ -
Construction \$ 8,121,000 \$ - \$ - \$ - \$ - \$		\$ 8,121,000 \$	š -	\$ -	\$ -
CPS, CM&I, and CMT \$ 812,000 \$ - \$ - \$ - \$ - \$		\$ 812,000	, , -	\$ -	\$ -
Land Acquisition \$ - \$ - \$ - \$ - \$	-   \$ -		, \$ -	, \$ -	\$

<sup>\*</sup>Budget includes contingency.

\$ 10,509,000 \$

Equipment Purchase

PROJECT NAME:					PROJ	ECT ID	FISCAL	_ YEAR		DIVI	SION	
Water System Mechai	nical Asset Re	placement			WAN	∕IAR3	2028-	-2029		The Wo	odlands	
								PROJE	CT MAP/PIC	TURE		
The SJRA Woodlands Divis motors, pumps, chlorinate control centers. As these to maintain the current legoing series of projects.  Other projects in the 10-YowAMAR1, WAMAR2, and	transfer switch assets require formed as part	es, and motor replacement of an on-				Week 480 VOLTS						
PROJECT SCHEDULE				DELIVERY	FUNDING	20						
Initiate Cons. Selection	1:	As Ne		☑ CSP	□ 0&M							
PSA/WO Issued:		As Ne		☐ Other	☐ Bonds							
		Ac No	eded		☑ R&R		TO PARTY.					
=										1000	NO	
	ed:	As Ne	eded		☐ Other				-			
Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bo		As Ne As Ne	eded eded									
Proposals/Bids Receive Constr. Contract to Bo Substantial Completion	ard: n:	As Ne As Ne As Ne	eded eded eded	☐ Capitalized	☐ Other ☑ Expensed							
Proposals/Bids Receive Constr. Contract to Bo Substantial Completion BUDGET*	ard: n: TOTAL	As Ne As Ne	eded eded	☐ Capitalized  2024		2026	2027	2028	2029	2030	2031	2032
Proposals/Bids Receive Constr. Contract to Bo Substantial Completion BUDGET* Planning/Permitting/PER	ard: n:	As Ne As Ne As Ne	eded eded eded		☑ Expensed	2026	\$	<b>2028</b>	<b>2029</b>	2030	2031	2032
Proposals/Bids Receive Constr. Contract to Bo Substantial Completion BUDGET* Planning/Permitting/PER Engineering/Design	ard: n: TOTAL \$ - \$ -	As Ne As Ne As Ne PREVIOUS  \$ - \$ -	eded eded eded		☑ Expensed	<b>2026</b> \$	<b>2027</b> \$	<b>2028</b> \$ -	\$ - \$ -	2030 \$ - \$ -	2031 \$ - \$ -	<b>2032</b> \$ \$ \$ \$
Proposals/Bids Receive Constr. Contract to Bo Substantial Completion BUDGET* Planning/Permitting/PER Engineering/Design Construction	**************************************	As Ne As Ne As Ne As Ne PREVIOUS  \$ - \$ - \$	eded eded eded		☑ Expensed	2026 \$ - \$ - \$ -	<b>2027</b> \$ - \$ - \$ -	<b>2028</b> \$ - \$ - \$ -	\$ - \$ - \$ 13,000	2030 \$ - \$ - \$ -	\$ - \$ - \$ -	<b>2032</b> \$ \$ \$ \$ \$
Proposals/Bids Receive Constr. Contract to Bo Substantial Completion BUDGET* Planning/Permitting/PER Engineering/Design	ard: n: TOTAL \$ - \$ -	As Ne As Ne As Ne As Ne PREVIOUS  \$ - \$ - \$	eded eded eded		☑ Expensed	<b>2026</b> \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	<b>2028</b> \$ - \$ - \$ - \$ -	\$ - \$ -	2030 \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	2032 \$ \$ \$ \$ \$

<sup>\*</sup>Budget includes contingency.

14,000 \$

PROJECT NAME:			'	PROJ	ECT ID	FISCA	L YEAR		DIV	ISION	
Elevated Storage Tank No.	. 3 Rehabilitation		1		ET3R		29			oodlands	
PROJECT DESCRIPTION/JU			,				PROJ	ECT MAP/PIC			
Elevated Storage Tank No. 3 is a Dunham Engineering report correplaced in 2017. A follow-up is and scope for any additional refrecoating of the tank exterior a exterior and interior from corror. To protect the metal structure is protective coating system replavalue in about 12-15 years and corrosion protection. The useful on the type of paint and thickness.	a 750,000 gallon tank an impleted in 2013, the extinspection of the tank we habilitation work. Anticand interior surfaces for osion.  from corrosion and to exacement is required. Interplacer utilities of an exterior coat	terior and interior ill be completed cipated rehabilita maintenance and xtend the useful terior coating systement in order to	or coating system in 2028 to iden ition of the tank d to continue to life of the tank tems meet thei continue to pro	ms were tify the need k includes p protect the , periodic r protective poide adequate	Later Towns of the Control of the Co		PROJ	9	adland		
				·							
PROJECT SCHEDULE		2000	DELIVERY	FUNDING							
Initiate Cons. Selection:		2029	✓ CSP	□ 0&M							
Initiate Cons. Selection: PSA/WO Issued:	FY	2029		☐ O&M ☐ Bonds							
Initiate Cons. Selection: PSA/WO Issued: Final Proposal Docs:	FY FY	2029 2029	✓ CSP	□ O&M □ Bonds ☑ R&R							
Initiate Cons. Selection: PSA/WO Issued: Final Proposal Docs: Proposals/Bids Received:	FY FY	2029 2029 2029	✓ CSP	☐ O&M ☐ Bonds							
Initiate Cons. Selection: PSA/WO Issued: Final Proposal Docs: Proposals/Bids Received: Constr. Contract to Board:	FY FY FY	2029 2029 2029 2029	☑ CSP	☐ O&M ☐ Bonds ☑ R&R ☐ Other							
Initiate Cons. Selection: PSA/WO Issued: Final Proposal Docs: Proposals/Bids Received: Constr. Contract to Board: Substantial Completion:	FY FY FY FY	2029 2029 2029 2029 2030	✓ CSP  ☐ Other  ☐ Capitalized	O&M Bonds R&R Other							
Initiate Cons. Selection: PSA/WO Issued: Final Proposal Docs: Proposals/Bids Received: Constr. Contract to Board: Substantial Completion: BUDGET* T	FY FY FY	2029 2029 2029 2029 2030	☑ CSP	☐ O&M ☐ Bonds ☑ R&R ☐ Other	2026	2027	2028	2029	2030	2031	2032
Initiate Cons. Selection: PSA/WO Issued: Final Proposal Docs: Proposals/Bids Received: Constr. Contract to Board: Substantial Completion:  BUDGET* Planning/Permitting/PER Engineering/Design \$	FY FY FY FY	2029 2029 2029 2029 2030	✓ CSP  ☐ Other  ☐ Capitalized	O&M Bonds R&R Other	<b>2026</b> \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	<b>2028</b> \$ - \$ - \$ - \$ - \$ -	<b>2029</b> \$ - \$ 133,000 \$ 1,285,000 \$ 133,000 \$ -	2030 \$ - \$ - \$ - \$ -	<b>2031</b> \$ - \$ - \$ - \$ -	<b>2032</b> \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJ	ECT ID	FISCA	L YEAR		DIVI	SION	
Water Well Rehabilitat	ion				WA2	.9WR	20	)29		The Wo	odlands	
PROJECT DESCRIPTION	/JUSTIFICAT	ION:						PROJ	ECT MAP/PIO	CTURE		
PROJECT DESCRIPTION The Woodlands began rece continue to be met by exist necessary in order to prolo of the wells. SJRA complet well(s) may require rehabil production needs of The W rehabilitation or abandonn  Based upon an evaluation of need for rehabilitation base Rehabilitation of Well Nos. and a video of the well. Ba and well equipment; wire be from the bottom of the we Rehabilitation may also inc include lowering of the wel  Water Well No. 22 - Evange Water Well No. 26 - Evange Water Well No. 35 - Jasper	ivining treated sing ground wang service life, tes an semi-anditation. The tare coollands, there end upon date of 22, 26 and 35 ased upon the interest of the sed upon date of 25, 26 and 35 ased upon the interest of the sed upon the se	urface water in ter wells. Cons minimize risk on unal inspection geted well(s) an evaluated base of last previous will begin with inspection, the ell screen section and chemical pack mate creasing the modesign GPM: 85 besign GPM: 8	equently, conti of failure and re- of each water re compared to sed on the well as. 22, 26 and 3 rehabilitation a an inspection of project may in on; jetting out a cal treatment of rial to the well otor size for the	inued well rehaleduce increased well to determine the long-term retirement plans.  5 are anticipate and production of all well relate clude replacement removing first the well screen if needed. This	bilitation is maintenance ne which water n for  d to have the capabilities. d equipment ent of pump Il material en sections. project may			HIDDE	WW.22	MARSICO PI		
PROJECT SCHEDULE				DELIVERY	FUNDING					THE PERSON NAMED IN		
Initiate Cons. Selection:	:	FY 2	2029	☑ CSP	□ 0&M	<b>家意</b> 卜/	F 1	\$\forall \( \sqrt{\text{go}} \)		S	48	
PSA/WO Issued:		FY 2	2029	☐ Other	☐ Bonds			E STATE OF THE STA	WWW SE	Real 3	4	
Final Proposal Docs:		FY 2	2029		☑ R&R				WW.35	A COLUMN TO A		**
Proposals/Bids Receive	q.		2029		☐ Other	E F			The second			Mark Control of the C
Constr. Contract to Boa			2029					DATE:		No. William		
Substantial Completion			2030	☐ Capitalized	✓ Expensed					MAN .	and the same of th	
BUDGET*	2025	2026	2027	2028	2029	2030	2031	2032				
Planning/Permitting/PER	<b>TOTAL</b>	\$ -	<b>2023</b>	<b>2024</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ -	\$ -	\$ -	\$ -	\$ 140,000	\$ -	\$ -	\$ -				
Construction	\$ -	\$ -	\$ -	\$ -	\$ 1,405,000	\$ -	\$ -	\$ -				
CPS, CM&I, and CMT	\$ 140,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 140,000	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
Total	\$ 1,685,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,685,000	\$ -	\$ -	\$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJI	ECT ID	FISCA	L YEAR		DIVI	SION	
Water Line Renewal						9WL		-2030			odlands	
									ECT MAP/PIO			
The SJRA owns and mainta and larger diameter in the cement (AC) lines. Approximajority of which are madwater lines have the highe has experienced on averag distribution infrastructure repair frequencies, improvproject is part of a phased system, with a plan to repl described in WA21WL, WAWA31WL, and WA32WL wilnes will be replaced with years.  Using the SJRA Asset Mana Failure, Consequence of Fareplacement of the AC wat line of other material were approximately 19,700 lines. Pipe (SRPC) pipe along Gos Lake Woodlands Drive wer	Woodlands. The mately 20 miles of AC materia or frequency of the general of the g	e existing districts of all water lind. Industry assertailly assertailly and is treated of breaks, and users and repetations within the goal of replaces with an average of sections and congration Factors with an average of the goal of the goal of replaces with an average of the goal of the goal of replaces with an average of the goal of the	ibution system hes are more the management rage useful life ending upward, water line renemaintain requesto continuously he next 20 year (A26WL, WA27 acing all of the parage expected and if the parage for the system. A ling the same of the same o	contains 47 minan 40 years old practices sugger of 50 years. His Due to the agreemal is necessaristed level of services. Other project WL, WA28WL, AC pipe in the suseful life of minant properties of the project of the suseful life of minant project was and prioritials of the suseful life of the project was suseful life of minant project with the suseful Reinford Steel Reinford S	les of asbestos I, and the est that AC storically, SJRA ing water by to decrease vice. This lines in the est as WA30WL, system. The AC ore than 80 hood of ze ons of water iis, ced Concrete				ECT MAP/PIG	TORE TO THE TOP TO THE		
PROJECT SCHEDULE Initiate Cons. Selection		EV 2	.029	<b>DELIVERY</b> Separation	FUNDING  □ 0&M	<b>,一户</b>					1	
PSA/WO Issued:	1•		.029 !029	☐ Other	☐ Bonds	1 The	At At A					
Final Proposal Docs:		FY 2	-		☑ R&R		No.			4		-
Proposals/Bids Receive	ed:	FY 2			☐ Other						1	
Constr. Contract to Boa		FY 2										Vani
Substantial Completion		FY 2		☐ Capitalized	✓ Expensed		THE REAL PROPERTY.					Cali
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ 879,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 879,000	\$ -	\$ -	\$
Engineering/Design	\$ 879,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 879,000	\$ -	\$ -	\$
Construction	\$ 9,057,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,057,000	\$ -	\$
CPS, CM&I, and CMT	\$ 906,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 906,000	\$ -	\$
Land Acquisition		l .	I .	I .	I .	I .	i .	I .	1.	i .	I .	I .

<sup>\*</sup>Budget includes contingency.

\$ 11,721,000 \$

Equipment Purchase

PROJECT NAME:					PROJ	ECT ID	FISCA	L YEAR		DIVI	SION	
Water Well Rehabilita	tion					BOWR		)30			odlands	
PROJECT DESCRIPTION	I/JUSTIFICAT	ION:						PROJ	ECT MAP/PI	CTURE		
The Woodlands began rece continue to be met by exis necessary in order to prolo of the wells. SJRA comple well(s) may require rehabil production needs of The W rehabilitation or abandonn Based upon an evaluation	ting ground wa ong service life, tes an semi-an litation. The tar /oodlands, the nent.	ter wells. Conso minimize risk on mual inspection geted well(s) an evaluated base	equently, conti of failure and re of each water re compared to ed on the well ss. 16 and 18 ar	inued well rehaleduce increased well to determing the long-terming retirement plan	bilitation is I maintenance ine which water in for			RESEA	ARCH FORES	OT DR	ESEARCH PARK DR	
need for rehabilitation bas Rehabilitation of Well Nos. a video of the well. Based well equipment; wire brusl the bottom of the well; and Rehabilitation may also ind or capacity increase is plan Water Well No. 16 - Evange Water Well No. 18 - Evange	16 and 18 will upon the insponding the well so d performing a clude adding graned for these the	begin with an intection, the projection, the projection; jection; jection description, the projection with an interest projection, and the projection with the projection, and the projection with an interest projection, and the projection with an interest projection, and the projection with an interest projection, and the projection with the	nspection of all ect may include etting out and reatment of the rial to the well aquifer wells.	I well related ed e replacement of removing fill ma well screen sec	quipment and of pump and aterial from tions.	3 838 8		WO	WW.16	KWY		
PROJECT SCHEDULE				DELIVERY	FUNDING			The same of the			N. L.	<b>推</b> 。
Initiate Cons. Selection	:	FY 2	.030	☑ CSP	□ 0&M							4
PSA/WO Issued:		FY 2	.030	☐ Other	☐ Bonds		A. W.					
Final Proposal Docs:		FY 2	.030		☑ R&R				WW.18	TAKE.	V-A	
Proposals/Bids Receive	ed:		.030		☐ Other		The Park		0			
Constr. Contract to Boa			.030									
Substantial Completion			031	☐ Capitalized	✓ Expensed	AL M		anima de la compansa			- W. A.	Mr. sec.
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER								\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design								\$ -	\$ -	\$ 72,000	\$ -	\$ -
Construction	The state of the s							\$ -	\$ -	\$ 723,000	\$ -	\$ -
CPS, CM&I, and CMT								\$ -	\$ -	\$ 72,000	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
Total	\$ 867,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 867,000	\$ -	\$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					DPO!	ECT ID	EISCA	L YEAR		DIVI	SION	
Elevated Storage Tank	No. 4 Pobah	ilitation				ET4R		30			odlands	
					VVA	1411			Ι ΕCT ΜΔΡ/ΡΙ		oularius	
PROJECT DESCRIPTION Elevated Storage Tank No. Dunham Engineering reporeplaced in 2017 per the ecompleted in 2029 to idente rehabilitation of the tank if maintenance and to continuate the metal structure protective coating system value in about 12-15 years corrosion protection. The on the type of paint and the	4 is a 750,000 port completed in engineer's reconstify the need as includes recoating to protect the ture from corresplacement is and require sy useful life of an	gallon tank and 2013, the extended from the exterior and some and to extended from the exterior and to extended from the exterior coating exterior coating and to coating exterior coating and to exterior coating exterior coating and to exterior coating exterior coating and the exterior coating exterior co	erior and interion of follow-up inspired additional releasterior and interior from the dinterior from the useful rior coating system in order to	or coating systemection of the tandalilitation workerior surfaces for corrosion.  Iffe of the tank tems meet the continue to pro	ms were ink will be rk. Anticipated for , periodic r protective ovide adequate				odlane			
				I	I				the .	ult		
PROJECT SCHEDULE		EV.	2020	DELIVERY	FUNDING			V		D. Selection		
Initiate Cons. Selection	1:		2030	☑ CSP	□ 0&M			N.		The second		
PSA/WO Issued:			2030	☐ Other	Bonds						是新兴	
Final Proposal Docs:			2030		☑ R&R			THE REAL PROPERTY.	428			
Proposals/Bids Receive			2030		☐ Other				1/2			(S) (A) (S)
Constr. Contract to Bo			2030					RES STEEL	1			
Substantial Completion			2031	☐ Capitalized	✓ Expensed	Stalla v k	STEW ON		No.	THE PARTY NAMED IN		ST THE
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 105,000	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 105,000	\$ -	\$ -
Construction	\$ 1,055,000	Ş -	Ş -	Ş -	Ş -	Ş -	Ş -	Ş -	Ş -	\$ 1,055,000	Ş -	Ş -
CPS, CM&I, and CMT	\$ 105,000	\$ -	\$ -	Ş -	Ş -	Ş -	Ş -	\$ -	\$ -	\$ 105,000	\$ -	Ş -
Land Acquisition							Ş -	\$ -	\$ -	Ş -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 1,265,000	<b>&gt;</b> -	ξ -	<b>\&gt;</b> -	> -	<b>&gt;</b> -	I\$ -	> -	- ۲	\$ 1,265,000	> -	> -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:	PROJECT ID	FISCAL YEAR	DIVISION
Abandon Water Well Nos. 1, 2 and 3	WA123A	2030	The Woodlands

651,000 \$

The expected useful life of a water well is 50 years, unless operational or structural issues arise that would reduce the life of the well.

Water Well Nos. 1, 2 and 3 were installed in 1974, 1982 and 1979, respectively. By 2030, these water wells will be near or over 50 years of age, and in some cases, have already had operational and/or structural issues which prohibit or reduce their rehabilitation potential. These water wells reside in the Lower Pressure Plane of the Woodlands system. Water Well No. 1 pumps from the Evangeline Aquifer and Water Well Nos. 2 and 3 pump from the Upper Jasper Aquifer.

Water Well No. 1Water Well No. 2Water Well No. 3Design GPM: 450Design GPM: 1,200Design GPM: 1,300Evangeline AquiferJasper AquiferJasper AquiferInstalled: 1973Installed: 1979Installed: 1979

								THE RESERVE TO SERVE THE PARTY OF THE PARTY				
PROJECT SCHEDULE				DELIVERY	FUNDING					C 9 FOR		
Initiate Cons. Selection	n:	FY 2	029	☑ CSP	□ 0&M							
PSA/WO Issued:		FY 2	.029	☐ Other	☐ Bonds						7	The same
Final Proposal Docs:		FY 2	.030		☑ R&R							N WASSE
Proposals/Bids Receive	ed:	FY 2	.030		☐ Other							
Constr. Contract to Box	ard:	FY 2	.030							1		
Substantial Completion	n:	FY 2	.031	☐ Capitalized	✓ Expensed						A. A. B. Call	
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 54,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 54,000	\$ -	\$ -
Construction	\$ 543,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 543,000	\$ -	\$ -
CPS, CM&I, and CMT	\$ 54,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 54,000	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<sup>\*</sup>Budget includes contingency.

Total

651,000 \$

PROJECT NAME:					PROJE	CT ID	FISCAI	L YEAR		DIVI	SION	
Water Line Renewal			"		WA3	0WL	2030	-2031		The Wo	odlands	
								PROJ	ECT MAP/PIO	CTURE		
The SJRA owns and mainta and larger diameter in the cement (AC) lines. Approximajority of which are madwater lines have the higher has experienced on averag distribution infrastructure repair frequencies, improvement of a phased system, with a plan to replaced in WA21WL, WA31WL, and WA32WL wilnes will be replaced with years.  Using the SJRA Asset Mana Failure, Consequence of Fareplacement of the AC wat 23,000 linear feet (4.3 mile Woodstock Circle Drive, Fliwere identified for this prosections of the AC wat 23,000 linear feet (4.3 mile Woodstock Circle Drive, Fliwere identified for this prosections and some contents of the AC wat 23,000 linear feet (4.3 mile Woodstock Circle Drive, Fliwere identified for this prosections and some contents of the AC wat 23,000 linear feet (4.3 mile Woodstock Circle Drive, Fliwere identified for this prosections and some contents of the AC wat 23,000 linear feet (4.3 mile Woodstock Circle Drive, Fliwere identified for this prosections and the contents of the AC wat 23,000 linear feet (4.3 mile Woodstock Circle Drive, Fliwere identified for this prosections and the contents of the AC wat 23,000 linear feet (4.3 mile Woodstock Circle Drive, Fliwere identified for this prosections of the AC wat 23,000 linear feet (4.3 mile Woodstock Circle Drive, Fliwere identified for this prosections of the AC wat 23,000 linear feet (4.3 mile Woodstock Circle Drive, Fliwere identified for this prosections of the AC wat 24.000 linear feet (4.3 mile Woodstock Circle Drive, Fliwere identified for this prosections of the AC wat 24.000 linear feet (4.3 mile Woodstock Circle Drive, Fliwere identified for this prosections of the AC wat 24.000 linear feet (4.3 mile Woodstock Circle Drive, Fliwere identified for this prosections of the AC wat 24.000 linear feet (4.3 mile Woodstock Circle Drive).	Woodlands. The mately 20 miles of AC materials of February of the Paragraph of the Paragrap	ne existing districts of all water lines. Industry assets failure, and average are of breaks, end-users and renent approacher lines within the goal of replanes with an average are with an average are of some contents of the goal of some are with an average are with an average are goal of some are with an average are with an average are goal of some are	ibution system nes are more the transagement et management erage useful life ending upward. water line rene maintain requesto continuously he next 20 year /A26WL, WA27 acing all of the erage expected enfirmed by a cowere used to so ision System. Fouth Panther Cr	contains 47 millian 40 years old practices sugge of 50 years. His Due to the agi ewal is necessar sted level of services. Other project WL, WA28WL, VAC pipe in the suseful life of more and prioritize rom this, approperly, and McC	es of asbestos , and the est that AC storically, SJRA ng water y to decrease vice. This lines in the ts as WA29WL, ystem. The AC ore than 80  nood of ze ximately Road, fullough Circle							
PROJECT SCHEDULE				DELIVERY	FUNDING	F. FORM	1				L	
Initiate Cons. Selection	:		2030	☑ CSP	□ 0&M	190		- 1				1.50
PSA/WO Issued:			2030	☐ Other	☐ Bonds	福 是						and a
Final Proposal Docs:			2030		☑ R&R		<b>A</b> 1971				34	CITY
Proposals/Bids Receive	ed:	FY 2	2030		Other		C. Service					
Constr. Contract to Boa	ard:	FY 2	2031									<b>一种</b>
Substantial Completion	ո։	FY 2	2032	☐ Capitalized		THE RESERVE	18.5		1424			W ASS
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	. ,	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 887,000	\$ -	\$
Engineering/Design	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 887,000	\$ -	\$
Construction	\$ 9,137,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,137,000	\$
CPS, CM&I, and CMT	\$ 914,000	۶ - د	۶ - د	۶ - د	; - c	۶ - د	۶ - د	۶ - د	۶ - د	۶ - د	\$ 914,000 c	۶ د
Land Acquisition	- د	- د	- ۲	- د	- د	- د	- ا	- ا	- د	- د	- د	۶

<sup>\*</sup>Budget includes contingency.

\$ 11,825,000 \$

Equipment Purchase

PROJECT NAME:					PROJ	ECT ID	FISCA	L YEAR		DIVI	SION	
Water Well No. 40					WAW	/W40	2030	-2031		The Wo	odlands	
								PROJ	ECT MAP/PIO	CTURE		
The Woodlands began recontinue to be met by grohave met or exceeded the peak demands, and to not of a high production Uppe acquired to allow for an exof producing 3,000 gallons.  This project will also include the nearest SJRA Woodland	und water. As of the control of the	of 2030, severa 50 years, and we mount of grour water well is r e site. The pro	l water wells in vill be recomme ndwater produ ecommended. oposed water w	the Woodland ended for aband ction capability Land will need vell is planned t	s system will donment. For construction to be o be capable							
PROJECT SCHEDULE				DELIVERY	FUNDING							
Initiate Cons. Selection	1:	FY 2		☑ CSP	□ 0&M							
PSA/WO Issued:			.030	☐ Other	☐ Bonds							
Final Proposal Docs:			.030		☑ R&R							
Proposals/Bids Receive			.030		☐ Other			A II				
Constr. Contract to Bo			.031									
Substantial Completion			.032	✓ Capitalized	☐ Expensed							
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER Engineering/Design	\$ 706,000 \$ 706,000	\$ - \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 706,000 \$ 706,000	\$ -	\$
rigineering/Design		•	- ا	] -	] <sup>2</sup>	] ·	] -	- ب	- ب	۶ /۵۵,۵۵۵	· -	۶
Construction	\$ 7.167.000	S -	- S	IS -	IS -	- IS	- IS	- IS	- S	- S	IS 7.167.000	Ś
Construction CPS, CM&I, and CMT	\$ 7,167,000 \$ 717,000	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ 7,167,000 \$ 717,000	\$ \$

<sup>\*</sup>Budget includes contingency.

\$ 9,459,000 \$

Equipment Purchase

Total

\$ 1,575,000 \$ 7,884,000 \$

PROJECT NAME:					PROJ	ECT ID	FISCA	L YEAR		DIV	ISION	
Water Well Site Gener	rator				WA1	.WGN	2030	)-2031		The Wo	odlands	'
					•				ECT MAP/PI	CTURE		
The San Jacinto River Auth	ority (SJRA) Wo	odlands Divisio	on owns and o	perates thirty-ei	ght (38)	THE STATE OF				10000	26 MM/	1 1 1 1 1 1 1 1
groundwater wells. The W	√oodlands bega	n receiving trea	ated surface w	ater in 2015; ho	wever,			A Section 1		N/A		
existing groundwater well:	s will continue t	to be used by th	ne Woodlands	Division to mee	t demands.	* <b>(19</b> )	48	ALLE S	de trade	A - 26 B B T		水外开树
The groundwater produce	•	•	` '	•	re it is mixed				The same			
with surface water, chloring	nated, and pum	ped into the dis	stribution syste	em.								
Currently backup newer at	t off site (non w	vator plant) wo	Il locations and	Lwalls at alayat	ad starage				100	74.		
Currently backup power at tank sites (EST) is provided		•			-							
water wells via a right-ang	,	, ,		••								
outage to operate the wel		•			· .				Mary W.			
reaching the end of their u	useful life in 10-	20 years. Also,	most of the er	ngines operate t	he smaller							
Evangeline aquifer wells, v	whereas the pre	ference would	be allow for o	peration of the	larger Jasper		-				XA D	
aquifer wells in a power or										HOT		
to replace the existing aux		_	_	=	•		• •					
over the next 25 years. Th			•	•								C
Wells 7/8 site, Wells 9/10 site, Wells 23/24 site, Wel												
31tc, <b>vv</b> c113 23/24 31tc, <b>vv</b> c1	13 31/32, Well3	33/34 (dt E31 /	,, <b>v</b> vciis 33/30,	Well3 37/30 all	ia wen 35.				6			
												AMINE
												A MANAGEMENT
PROJECT SCHEDULE				DELIVERY	FUNDING						100	
Initiate Cons. Selection	1:	FY 2	2030	☑ CSP	□ 0&M				· · · · · · · ·	,		Mass ?
PSA/WO Issued:		FY 2	2030	☐ Other	☐ Bonds						The second second	The state of the s
Final Proposal Docs:		FY 2	2030		☑ R&R					The state of the s	7.7	
Proposals/Bids Receive	ed:	FY 2	2030		☐ Other						1900	
Constr. Contract to Bo		FY 2	2031									
Substantial Completion			2031	✓ Capitalized	☐ Expensed	J. Commission of the commissio				- k		
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
	\$ 42,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 42,000		- \$ -
Engineering/Design	\$ 83,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 83,000	\$	- \$ -
Construction	\$ 857,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 857,000	ols -
CPS, CM&I, and CMT	\$ 86,000	\$ -	\$ -	<b> </b> \$ -	ls -	İ\$ -	<b> </b> \$ -	<b> </b> \$ -	l¢ .	۱ċ	1	~   <del>*</del>
· ·				<b>■</b> *	<b> </b> *	I *	I '	1'	١,	·   > -	\$ 86,000	1.
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 86,000	1'
·	\$ - \$ - \$ 1,068,000	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ - \$ - \$ 125,000	\$ 86,000 \$ \$ \$ 943,000	o \$ - - \$ - - \$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJ	ECT ID	FISCAI	L YEAR		DIVI	SION	
Water System Mechan	ical Asset Re	placement			WAN	√AR4	2030-	-2031		The Wo	odlands	
·		·			•		•	PROJI	ECT MAP/PI	CTURE		
The SJRA Woodlands Divisi motors, pumps, chlorinato motor control centers. As replacement to maintain the of an on-going series of proof Other projects in the 10-Yew WAMAR1, WAMAR2, and Name of the control of the con	rs, engines, mo these assets re ne current level ojects. ar Project Plan	tor control valv ach the end of t of service. The	es, generators heir useful life se replaceme	s, transfer switcl e, these assets r nts will be perfo	hes, and equire ormed as part			PROJE	ECT MAP/PIO	CTURE		
PROJECT SCHEDULE				DELIVERY	FUNDING							
Initiate Cons. Selection		As Ne	eded	☑ CSP	□ 0&M		4	3	*	3		
PSA/WO Issued:		As Ne	eded	☐ Other	☐ Bonds						4	
Final Proposal Docs:		As Ne	eded		☑ R&R							
Proposals/Bids Receive	d:	As Ne	eded		☐ Other			W-1-		V		1
Constr. Contract to Boa	ırd:	As Ne	eded			1	A PARTIE OF THE					
Substantial Completion	ı:	As Ne	eded	☐ Capitalized	✓ Expensed	9					-	
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
Engineering/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
	\$ 1,315,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,315,000	\$
CPS, CM&I, and CMT	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
	ċ	خ	¢	I ¢	lċ	Ić .	l¢ .	lė .	ć	I ċ	I ċ	
Equipment Purchase	\$ 1,325,000	Ş -	<u> -</u>	- ۲	<u>-</u>	- ۲	٧	- ب	- د	Ş -	\$ 1,325,000	\$

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJI	ECT ID	FISCA	L YEAR		DIV	ISION	
Water Well Rehabilitat	ion				WA3	1WR	20	031		The W	oodlands	
PROJECT DESCRIPTION	/JUSTIFICAT	ION:						PROJ	ECT MAP/PI	CTURE		
The Woodlands began rece continue to be met by exist necessary in order to proloi of the wells. SJRA complet well(s) may require rehabili production needs of The W rehabilitation or abandonm  Based upon an evaluation of need for rehabilitation base Rehabilitation of Well Nos. a video of the well. Based well equipment; wire brush the bottom of the well; and Rehabilitation may also inclinclude lowering of the well Water Well No. 24 - Evange Water Well No. 39 - Jasper	iving treated saing ground wang service life, es an semi-anditation. The tare codlands, the lent.  If the 38 water ed upon date of 24 and 39 will upon the inspering the well so I performing and ude adding grall pump and incestine Aquifer; Eline Aquifer; Eline Aquifer; Eline Eline Aquifer; Eline Eline Aquifer; Eline In Service II pump and Incestine Eline Aquifer; Eline Eline Aquifer; Eline III pump and III	urface water in ter wells. Cons minimize risk challenges of the constant of th	equently, conti of failure and re- of each water re compared to sed on the well os. 24 and 39 ar rehabilitation a inspection of al ect may include etting out and re- eatment of the rial to the well otor size for the	inued well rehated increased well to determine the long-term retirement plants and production le well related en eremoving fill may well screen sectif needed. This	bilitation is I maintenance ine which water in for  b have the capabilities. quipment and of pump and aterial from ctions.				WW.24	STONEBRIDGE CHURCH		
PROJECT SCHEDULE				DELIVERY	FUNDING							
Initiate Cons. Selection:		FY 2	2031	☑ CSP	□ 0&M		1	A PART				
PSA/WO Issued:		FY 2	2031	☐ Other	Bonds		THE WAY					
Final Proposal Docs:		FY 2	2031		☑ R&R							
Proposals/Bids Received	d:	FY 2	2031		☐ Other	111111111111111111111111111111111111111						
Constr. Contract to Boa	rd:	FY 2	2031			5 10						
Substantial Completion		FY 2	2032	☐ Capitalized	✓ Expensed			Charles and the same				The Table
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 97,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 97,000	\$ -
	\$ 965,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 965,000	\$ -
CPS, CM&I, and CMT	\$ 97,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 97,000	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 1,159,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,159,000	\$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:	PROJE		AL YEAR		DIVISIO		
Water Line Renewal	WA3	1WL 203	1-2032		The Woodl	ands	
			PROJEC	CT MAP/PICTU	IRE		
The SJRA owns and maintains approximately 120 miles of potable water distand larger diameter in the Woodlands. The existing distribution system concement (AC) lines. Approximately 20 miles of all water lines are more than majority of which are made of AC material. Industry asset management prowater lines have the higher frequency of failure, and average useful life of thas experienced on average 9 failures per year, and is trending upward. Down distribution infrastructure and increasing rate of breaks, water line reneware pair frequencies, improve reliability to end-users and maintain requested project is part of a phased asset management approach to continuously resystem, with a plan to replace all AC water lines within the next 20 years. Of described in WA21WL, WA23WL, WA24WL, WA25WL, WA26WL, WA27WL WA30WL, and WA32WL will accomplish the goal of replacing all of the AC plines will be replaced with PVC or HDPE lines with an average expected use years.  Using the SJRA Asset Management Plan strategy, and confirmed by a consufailure, Consequence of Failure, and Mitigation Factors were used to score replacement of the AC water lines in the Woodlands Division System. From 12,000 linear feet (2.3 miles) of 12 and 16-inch AC pipe along SH242 and Tridentified for this project scope.	ntains 47 miles of asbestos 40 years old, and the actices suggest that AC 50 years. Historically, SJRA ue to the aging water all is necessary to decrease d level of service. This eplace water lines in the Other projects as place, WA28WL, WA29WL, pipe in the system. The AC eful life of more than 80 ultant, Likelihood of and prioritize m this, approximately		2				
PROJECT SCHEDULE C	DELIVERY FUNDING						
Initiate Cons. Selection: FY 2031	✓ CSP □ O&M		200		DOMESTIC STATE		1.50
PSA/WO Issued: FY 2031	☐ Other ☐ Bonds				1 × 1		
Final Proposal Docs: FY 2031	☑ R&R	11	-				
Proposals/Bids Received: FY 2031	☐ Other		4			14	-
Constr. Contract to Board: FY 2032				2.545	7		A-1
l <del>-</del>	☐ Capitalized ☑ Expensed					1	Sali
BUDGET* TOTAL PREVIOUS 2023	2024 2025	2026 2027	2028	2029	2030	2031	2032
Planning/Permitting/PER \$ 610,000 \$ - \$ - \$	- \$ -	\$ - \$	\$ - 5	- 5	- \$	610,000	
Engineering/Design \$ 610,000 \$ - \$ - \$	- \$ -	\$ - <b> </b> \$ -	\$ - \$	s - \$	- \$	610,000	, \$ -
Construction \$ 6,286,000 \$ - \$ - \$	- \$ -	\$ - \$	\$ - \$	s - \$	- \$	· -	\$ 6,286,000
CPS, CM&I, and CMT \$ 629,000 \$ - \$ - \$	- \$ -	\$ - \$	\$ - \$	- \$	- \$	- 1	\$ 629,000
Land Acquisition \$ - \$ - \$	- \$ -	\$ - \$	\$ - \$	- \$	- \$	- [	\$ -
Equipment Purchase \$ - \$ - \$	- \$ -	\$ - \$	\$ - \$	- \$	- \$	-	\$ -
Total \$ 8,135,000 \$ - \$ - \$	- \$ -	\$ - \$ -	\$ - \$	- \$	- \$	1,220,000	\$ 6,915,000

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJE	CT ID	FISCA	L YEAR		DIVI	SION	
Water Line Renewal					WA3	2WL	2032	-2033		The Wo	odlands	
								PROJI	CT MAP/PIC	CTURE		
The SJRA owns and mainta and larger diameter in the cement (AC) lines. Approximajority of which are mad water lines have the higher has experienced on average distribution infrastructure repair frequencies, improving project is part of a phased system, with a plan to repidescribed in WA21WL, WAWA30WL, and WA31WL willines will be replaced with years.  Using the SJRA Asset Mana Failure, Consequence of Fareplacement of the AC war 27,000 linear feet (5.2 miles Woodlands Drive, Falconwal Drive, John Cooper Drive and was proving the side of the AC war 27,000 linear feet (5.2 miles woodlands Drive, Falconwal Drive, John Cooper Drive and was proving the side of the AC war 27,000 linear feet (5.2 miles woodlands Drive, Falconwal Drive, John Cooper Drive and was proving the side of the AC war 27,000 linear feet (5.2 miles woodlands Drive, Falconwal Drive, John Cooper Drive and water lines and was proving the side of the AC war 27,000 linear feet (5.2 miles woodlands Drive, Falconwal Drive, John Cooper Drive and water lines and was proving the side of the AC war 27,000 linear feet (5.2 miles woodlands Drive, Falconwal Drive, John Cooper Drive and water lines was proving the side of the AC war 27,000 linear feet (5.2 miles woodlands Drive, Falconwal Drive, John Cooper Drive and water lines was proving the side of the	Woodlands. The imately 20 miles lee of AC materials of the first frequency of a saset managen lace all AC water frequency fill accomplish the first frequency of HDPE limited frequency	e existing district of all water lines of all water lines and average year, and is treate of breaks, and-users and nent approach or lines within the L, WA25WL, When a goal of replants with an average year, and core gation Factors whoodlands Divid 20-inch AC and Forest Drive,	bution system les are more the t management rage useful life ending upward. water line rene naintain reques to continuously lee next 20 year A26WL, WA27 cing all of the A rage expected infirmed by a co- vere used to so sion System. F d Ductile Iron ( Shadowbend P	contains 47 miles and 40 years old practices sugger of 50 years. His Due to the agine wal is necessare ted level of services. Other project WL, WA28WL, AC pipe in the suseful life of memore and prioriti rom this, appropriate of for this project for this project.	es of asbestos I, and the est that AC storically, SJRA ng water Iy to decrease Vice. This lines in the ets as WA29WL, Iystem. The AC ore than 80  mood of ze iximately cake Ic Crossing ect scope.							
PROJECT SCHEDULE		FY 2	022	DELIVERY	FUNDING	A PROPERTY					4 ×	
Initiate Cons. Selection	1.			☑ CSP	□ 0&M	S. Charles	1					Ser Service
DC V (VVO Icerrod)		FY 2	U3Z	☐ Other	☐ Bonds	THE PERSON NAMED IN	THE RESERVE	BOOK SEE THE	1	The second second second		The second second
•		EV 2	022		□ por		8 10 3 8 M		1 100000			A.
Final Proposal Docs:	a de	FY 2			☑ R&R		177					ord,
Final Proposal Docs: Proposals/Bids Receive		FY 2	032		☑ R&R		147			W	12	
PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bo	ard:	FY 2 FY 2	032 033	Capitalizad	Other		X					
Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bo Substantial Completion	ard: n:	FY 2 FY 2 FY 2	032 033 034	☐ Capitalized	☐ Other ☑ Expensed	2025	2027	2022	2020	2020	2024	7022
Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bo Substantial Completion BUDGET*	ard: n: TOTAL	FY 2 FY 2 FY 2 <b>PREVIOUS</b>	032 033	☐ Capitalized  2024	Other	2026	2027	2028	2029	2030	2031	<b>2032</b>
Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bo Substantial Completion BUDGET* Planning/Permitting/PER	ard: n: TOTAL \$ 1,564,000	FY 2 FY 2 FY 2 <b>PREVIOUS</b>	032 033 034	·	☐ Other ☑ Expensed	<b>2026</b> \$ - \$ -	<b>2027</b> \$ -	2028 \$ - \$	<b>2029</b> \$ - \$ -	2030 \$ - \$ -	2031 \$ -	\$ 1,564,000
Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bo Substantial Completion BUDGET* Planning/Permitting/PER Engineering/Design	ard: n: TOTAL \$ 1,564,000	FY 2 FY 2 FY 2 <b>PREVIOUS</b>	032 033 034	·	☐ Other ☑ Expensed	<b>2026</b> \$ -	<b>2027</b>   \$ -   \$ -   \$ -   \$ -	<b>2028</b> \$ -	<b>2029</b> \$	2030 \$ - \$ -	<b>2031</b> \$ - \$ - \$ -	
Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bo Substantial Completion BUDGET* Planning/Permitting/PER	ard: n: TOTAL \$ 1,564,000	FY 2 FY 2 FY 2 <b>PREVIOUS</b>	032 033 034	·	☐ Other ☑ Expensed	<b>2026</b> \$ - \$ - \$ - \$ - \$	<b>2027</b> \$ - \$ - \$ - \$ -	<b>2028</b> \$ - \$ - \$ - \$	2029 \$ - \$ - \$ -	2030 \$ - \$ - \$ -	2031 \$ - \$ - \$ -	\$ 1,564,000
Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bo Substantial Completion BUDGET* Planning/Permitting/PER Engineering/Design Construction	ard: n: TOTAL \$ 1,564,000	FY 2 FY 2 FY 2 <b>PREVIOUS</b>	032 033 034	·	☐ Other ☑ Expensed	2026 \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	2028 \$ - \$ - \$ - \$ -	2029 \$ - \$ - \$ - \$ - \$ -	2030 \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ 1,564,00

<sup>\*</sup>Budget includes contingency.

\$ 3,128,000 \$

PROJECT NAME:	PROJEC	T ID	FISCAL	YEAR		DIVI	SION	
Water Well Rehabilitation	WA321	WR	203	32		The Wo	odlands	
PROJECT DESCRIPTION/JUSTIFICATION:				PROJE	CT MAP/PI	CTURE		
PROJECT DESCRIPTION/JUSTIFICATION:  The Woodlands began receiving treated surface water in 2015, however, peak water continue to be met by existing ground water wells. Consequently, continued well reflected in the property of the wells. SJRA completes an semi-annual inspection of each water well to determ well(s) may require rehabilitation. The targeted well(s) are compared to the long-ter production needs of The Woodlands, then evaluated based on the well retirement prehabilitation or abandonment.  Based upon an evaluation of the 38 water wells, Well Nos. 12, 15, 21 and 23 are antithen need for rehabilitation based upon date of last previous rehabilitation and producapabilities. Rehabilitation of Well Nos. 12, 15, 21 and 23 will begin with an inspection related equipment and a video of the well. Based upon the inspection, the project replacement of pump and well equipment; wire brushing the well screen section; jet removing fill material from the bottom of the well; and performing acid chemical tre well screen sections. Rehabilitation may also include adding gravel pack material to the needed. This project may include lowering of the well pump and increasing the motol Jasper aquifer wells.  Water Well No. 12 - Evangeline Aquifer; Design GPM: 1,000 Water Well No. 21 - Jasper Aquifer; Design GPM: 1,600 Water Well No. 23 - Jasper Aquifer; Design GPM: 1,500	nabilitation is ed maintenance mine which m water lan for  cipated to have uction on of all well may include ting out and atment of the che well if		WW.12	PROJI Rodando	ECT MAP/PI		EARCH FOREST OR  WWW.15	RESERVED TO SERVED TO SERV
PROJECT SCHEDULE DELIVERY	FUNDING	Ten of	0	Contraction of the last of the		101 300 100	WW.23	BRIDGE CHUR
				A. N.		- 10 h	ww.23	STONEBRIDGE(CHUR
Initiate Cons. Selection: FY 2032 ☑ CSP	□ 0&M					RESEARCE	ww.23	STOWEBRIDGE CHUR
PSA/WO Issued: FY 2032	□ O&M □ Bonds	一里走				RESEARCHIE	WW.23	STOWERRIDGE GRUE
PSA/WO Issued: FY 2032 □ Other Final Proposal Docs: FY 2032						RESEARCH F	WW!23	STONE BRIDGE CHUS
PSA/WO Issued: FY 2032	Bonds					RESEARCH	WWI23	Stoweshorsecture
PSA/WO Issued: FY 2032 □ Other Final Proposal Docs: FY 2032	□ Bonds □ R&R					RESEARCH	WWI23	Stowersone
PSA/WO Issued: FY 2032 □ Other  Final Proposal Docs: FY 2032  Proposals/Bids Received: FY 2032	□ Bonds □ R&R					RESEARCH	WW.23	STONEBROOGLOUDE
PSA/WO Issued: FY 2032	☐ Bonds ☑ R&R ☐ Other	2026	2027	2028	2029	RESEARCH F	WWI23	2032
PSA/WO Issued: FY 2032	☐ Bonds ☑ R&R ☐ Other ☑ Expensed	2026   \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2027	2028 \$ - \$ - \$ -	<b>2029</b> \$ - \$ - \$ - \$			2032 \$ 219,000 \$ 2,188,000 \$ 219,000 \$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJECT ID FISCAL YEAR DIVISION WAWCL2 2032-2033 The Woodlands								
Water Well Collection	Line Replace	ment			WA\	NCL2	2032	-2033		The W	oodlands		
								PROJ	ECT MAP/PI	CTURE			
The SJRA Woodlands Divisi which must be conveyed to collection lines are low-preplant at a ground storage the Several of the well collection materials (asbestos cement This project is expected to 17/18 and 21/22.	o a water plant essure water lin ank. on lines are nea t, ductile iron, e	to be blended les which converge aring 40-years concrete) are n	with surface ware with suntreate of age, and bein learing the end	ater and chloring at groundwater and groundwater and gromprised of their expect	nated. Well to the water non-plastic ed useful life.	EM.1488.Rd	Egypt  Represent Dr.  Woodlands CC Player Course  V	Carlton Weganiam acc	Woodlands CC Palmer Course  Woodlands Physics  George Mitchell Nature Preserve	Called Street Dr.	Shenando  Lake Woodlands  Woodlands  Woodlands  Woodlands	The Oak Ridgodlands North	
PROJECT SCHEDULE				DELIVERY	FUNDING	and a second				- }		North	
Initiate Cons. Selection	:	FY 2	2032	☑ CSP	□ 0&M					\$			
PSA/WO Issued:		FY 2	2032	☐ Other	☐ Bonds	The state of the s				ling=Re	V		
Final Proposal Docs:			2032		☑ R&R	2978				8009		7	
Proposals/Bids Receive	ed:		2032		☐ Other					7	-	mar	
Constr. Contract to Boa			2033										
Substantial Completion			2034	☐ Capitalized	☑ Expensed					N Gran	d Pkun, u.		
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	
	\$ 1,881,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,881,000	
	\$ 1,881,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,881,000	
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
CPS, CM&I, and CMT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total	\$ 3,762,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,762,000	

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:	PROJI	ECT ID	FISCAL YEAR	DIVISION
WWTF No. 3 PPW Pressure System Rehabilitation	WWI	-3PW	2022	The Woodlands
PROJECT DESCRIPTION/JUSTIFICATION:			PROJI	ECT MAP/PICTURE

## PROJECT DESCRIPTION/JUSTIFICATION:

The Plant Process Water (PPW) system at Wastewater Treatment Facility (WWTF) No. 3 was installed in 2001. For this facility, the PPW system includes a hydropneumatic tank which serves to maintain pressure within the PPW system piping during periods of less PPW use and allow the PPW pumps to shut off.

The hydropneumatic tank will be removed and the system reconfigured to allow for on-demand continuous pumping, but with the flexibility to rotate the pumps so that not all are running continuously. SCADA controls will be added to allow for the pump rotation based upon run-time. Also, new pumps will be installed to replace the original pumps for this system.

											1	- 100
PROJECT SCHEDULE				DELIVERY	FUNDING		BINES CO.	Marie 1			1	- 100
Initiate Cons. Selection	ո:	FY 202	21 - Q3	☑ CSP	□ 0&M		A SPACE OF		NIETON IN	1.000		
PSA/WO Issued:		FY 202	21 - Q4	☐ Other	☐ Bonds				135			
Final Proposal Docs:		FY 202	22 - Q3		☑ R&R	Burnel	The same of the sa		1000		(	
Proposals/Bids Receive	ed:	FY 202	22 - Q3		☐ Other				No.			
Constr. Contract to Bo	ard:	FY 202	22 - Q4									
Substantial Completion	n:	FY 202	23 - Q4	✓ Capitalized	☐ Expensed	Se.						
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 300,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 375,000	\$ 375,000	\$ -	Ś -	\$ -	\$ -	Ś -	\$ -	\$ -	\$ -	\$ -	\$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:	PROJECT ID	FISCAL YEAR	DIVISION
WWTF No. 2 Headworks Rehabilitation	WWP2HW	2022	The Woodlands

The Headworks at Wastewater Treatment Facility No. 2 was built as part of the original Phase I of the facility in 1996. The facility was inspected in 2018 and moderate degradation of the concrete was found. Potential rehabilitation could include cleaning, repairing/coating of concrete walls, removal of existing plates and replacement with grates for access, and installation of a permanent diversion system. Also, an access stairway is needed to safely access the splitter box.

This project will also include the replacement of the grit classifier at the headworks. The grit classifier at Wastewater Treatment Facility No. 2 was originally installed as the grit classifier at Wastewater Treatment Facility No. 1 in 2009. When the new grit chamber system was constructed at Wastewater Treatment Facility No. 1 in 2017, this grit classifier was moved and installed at Wastewater Treatment Facility No. 2 to replace the original classifier which had deteriorated and had many mechanical issues. After several years of use, it has become apparent that this classifier does not have sufficient grit classifying capacity for this facility. Therefore, a new classifier is required which will be designed specifically to meet the parameters of the wastewater treatment facility.

										All and the All and	No.	
PROJECT SCHEDULE				DELIVERY	FUNDING		and the second			X		
Initiate Cons. Selection	:	FY 202	1 - Q3	☑ CSP	□ 0&M	account me		No.				
PSA/WO Issued:		FY 202	1 - Q4	☐ Other	☐ Bonds							
Final Proposal Docs:		FY 202	3 - Q3		☑ R&R		The second second		ma d			
Proposals/Bids Receive	ed:	FY 202	3 - Q3		☐ Other						4	
Constr. Contract to Boa	onstr. Contract to Board: FY 2023 - Q4									Transition of the same of the	/	
Substantial Completion	Substantial Completion: FY 2024 - Q4			☐ Capitalized	✓ Expensed	months of the						H SEA
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ 231,000	\$ 231,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 231,000	\$ 231,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 2,307,000	\$ 2,307,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 231,000	\$ 231,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 3,000,000	\$ 3,000,000	\$ -	\$ -	\$ -	Ś -	s -	\$ -	\$ -	\$ -	\$ -	\$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:						ECT ID		L YEAR			ISION	
WWTF No. 2 Tertiary I	•	,	and 3rd Filte	er)	<u>ww</u>	02FR	2021	-2024	L .		oodlands	
PROJECT DESCRIPTION								PROJ	ECT MAP/PI	CTURE		
Wastewater Treatment Fa												
disinfection. Filters 1 and		•	•			-	1424.					- Allho C.
in 2016. The current sand filter rated for 6 MG of flo			•							A THE YEAR		
event, of which only 10.0 I					illig a raili	377		T	Surkey L.	YY		
						AL AL				V		-
The existing sand filters ha	ive been in serv	ice since 2006,	have a service	life of 15-25 ye	ars, are rated					4	(w)	
for 2 MG each, and have e	xperienced per	formance issue	s which limit w	astewater flow	s through						1	
WWTF No. 2. This project								•				
will eliminate the perform		ow all flow duri	ng a rain event	to pass throug	h the filters	7						
and have a 30 year service	life.					N. S. S. S.						
An evaluation was conduc	ted to determin	e the capital a	nd O&M cost o	f replacing the	existing unit			Í			-	h
with a similar unit versus a		•			•							7. <u>@</u>
unit with a similar unit, ca												
capital and O&M cost to m	nodify to cloth r	nedia is \$41.76	/MG and \$7.99	9/MG, respectiv	ely.		100					
						A STATE OF THE PARTY OF THE PAR				- 15.J	7	
									多作作是		7	
						The same of					7	
									in			
PROJECT SCHEDULE				DELIVERY	FUNDING							
Initiate Cons. Selection	1:	FY 202	20 - Q4	☑ CSP	□ 0&M							
PSA/WO Issued:		FY 202	21 - Q1	☐ Other	☐ Bonds				All			
Final Proposal Docs:		FY 202	22 - Q2		☑ R&R			//				
Proposals/Bids Receive	ed:	FY 202	24 - Q2		☐ Other			/ /		4		
Constr. Contract to Bo	ard:	FY 202	24 - Q3				The state of				237	
Substantial Completion	า:	FY 202	25 - Q3	✓ Capitalized	☐ Expensed		1000				Par	
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design		\$ 276,118	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 4,040,000	\$ -	\$ -	\$ 4,040,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 252,000	\$ -	\$ -	\$ 252,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-   \$ -
Land Acquisition					\$ -	\$ -	Ş -	\$ -	\$ -	\$ -	Ş -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 4,668,118	\$ 376,118	۶ -	\$ 4,292,000	۶ -	۶ -	ξ -	۶ -	۶ -	\$ -	۶ -	\ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJI	ECT ID	FISCA	L YEAR		DIV	ISION	
Lift Station No. 5 Force	Main Repla	cement			WWI	-M5R	2018	- 2024		The Wo	odlands	
PROJECT DESCRIPTION	I/JUSTIFICAT	ION:						PROJ	ECT MAP/PIO	CTURE		
Some parts of the existing system requires rehabilitat Management Program, speevaluated for rehabilitation	tion or replacer ecific force mai	nent to avoid cons were identification	ollection syster	n failure. Thro	ugh the Asset		ft Station No.	5				Colomina
Based on a risk analysis of a identified as a candidate for consequence of failure. In 2 main which showed severa 1980's, this force main conductile iron pipe, all of which the permanent easements hav	or replacement 2014, a Smart I al areas of corro sists of approx ch is recomme	based on pipe Ball condition a osion throughor imately 8,100 li nded for replac	material, age, a ssessment was ut the force ma near feet of 24 ement.	and likelihood a performed for iin. Constructed	nd this force I in the early	Glen Locki Dr						
PROJECT SCHEDULE				DELIVERY	FUNDING			是差别	<b>一种</b>		And I have been a second	
Initiate Cons. Selection	:	FY 201	•	☑ CSP	□ 0&M	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N P	1			WWTF	No
PSA/WO Issued:		FY 201		☐ Other	☐ Bonds		ona					
Final Proposal Docs:		FY 202			☑ R&R	学生 17	McD			A STATE OF THE PARTY OF THE PAR	GIN LO	8 -
Proposals/Bids Receive	ed:	FY 202	23 - Q4		☐ Other	一位 建			5	<u></u>		plos
Constr. Contract to Boa	ard:	FY 202	24 - Q1					N. W.	1-1		Occurred Pd	
Substantial Completion	ո։	FY 202	25 - Q2	☐ Capitalized	✓ Expensed		19。全時以情	100	8 18 8	1	Sawdust Rd	
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER Engineering/Design Construction CPS, CM&I, and CMT Land Acquisition Equipment Purchase	gineering/Design \$ 688,000 \$ 688,000 \$ - nstruction \$ 6,100,000 \$ 4,100,000 \$ - S, CM&I, and CMT \$ 710,000 \$ 510,000 \$ - nd Acquisition \$ - \$ - \$ - uipment Purchase \$ - \$ - \$ -					\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	- - - - - - - - -
Total	\$ 7,498,000	\$ 5,298,000	\$ -	\$ 2,200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJE	CT ID	FISCAI	VFΔR		DIV	ISION	
Forcemain Renewal					WW2		2022-				oodlands	
rorceman Kenewai					VV VV 2	ZZFIVI	2022		ECT MAP/PI		Odularius	
Some parts of the existing system requires renewal to Program, specific force ma rehabilitation or replaceme.  The SSTAR Program in 201s showed signs of corrosion investigation of several for of corrosion.	o avoid collecti ins were identi ent. 9-2020 include based on a can	on system faild fied as high ris d a condition a nera survey. Ba	ure. Through the k for failure and ssessment of the seed on the con	ne Asset Manag d were evaluate nese force main dition assessme	ement d for s, which ent, additional							
PROJECT SCHEDULE				DELIVERY	FUNDING	1			STR			
Initiate Cons. Selection	:	As No	eeded	☑ CSP	□ 0&M	100	2000	1			45.53	
PSA/WO Issued:			eeded	☐ Other	☐ Bonds	- 3		210.00	NAME OF	Hart Sale		5
Final Proposal Docs:			eeded		☑ R&R	3	Townson or the last	- A	N. 34		2000	The same
Proposals/Bids Receive	ed:		eeded		☐ Other	700 700	30	100	DESC.	Section 2	AL LAND	
Constr. Contract to Boa			eeded		·	1	100			A BROOM	The state of the s	1
Substantial Completion			eeded	☐ Capitalized	✓ Expensed	<b>FIRST</b>	1	250	PER I	TOWN OF	- TO	
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ 75,000	\$ 75,000		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design		\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ _	\$ -
Construction	\$ 3,662,000	\$ -	\$ -	\$ 918,000	\$ 922,000	\$ 904,000	\$ 918,000	\$ -	\$ -	\$ -	\$ -	, \$ -
CPS, CM&I, and CMT	\$ 366,000	\$ -	\$ -	\$ 92,000	\$ 92,000		\$ 92,000	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition					\$ ´-	\$ ´-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	•				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 4,178,000	\$ 150,000	\$ -	\$ 1,010,000	\$ 1,014,000	\$ 994,000	\$ 1,010,000	\$ -	\$ -	\$ -	\$ -	\$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:	PROJECT ID	FISCAL YEAR	DIVISION
Lift Station Rehabilitation	WW21LS	2021-2030	The Woodlands

## PROJECT DESCRIPTION/JUSTIFICATION:

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, and minor electrical improvements. This project, and lift station projects in the future, 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.

FY2023 funds include the purchase and installation of generators at several lift stations.

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	As Needed	☑ CSP	□ 0&M
PSA/WO Issued:	As Needed	☐ Other	☐ Bonds
Final Proposal Docs:	As Needed		☑ R&R
Proposals/Bids Received:	As Needed		☐ Other
Constr. Contract to Board:	As Needed		
Substantial Completion:	As Needed	☐ Capitalized	✓ Expensed

				 			1	A COLUMN	<b>100</b> 40 / -		THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN	200		STREET CENTER OF STREET		3016	A CANADA MANAGEMENT OF THE PARTY OF THE PART
BUDGET*	TOTAL	Р	REVIOUS	2023	2024	2025		2026		2027	2028		2029	2030	2031		2032
Planning/Permitting/PER	\$ -	\$	-	\$	\$ -	\$ -	\$	-	\$	-	\$ -	\$	-	\$	\$	\$	-
Engineering/Design	\$ 241,000	\$	33,000	\$ 21,000	\$ 21,000	\$ 22,000	\$	22,000	\$	23,000	\$ 24,000	\$	24,000	\$ 25,000	\$ 26,000	\$	-
Construction	\$ 2,608,000	\$	338,000	\$ 400,000	\$ 212,000	\$ 218,000	\$	223,000	\$	229,000	\$ 236,000	\$	243,000	\$ 251,000	\$ 258,000	\$	-
CPS, CM&I, and CMT	\$ 241,000	\$	33,000	\$ 21,000	\$ 21,000	\$ 22,000	\$	22,000	\$	23,000	\$ 24,000	\$	24,000	\$ 25,000	\$ 26,000	\$	-
Land Acquisition	\$ -	\$	-	\$ -	\$ -	\$ -	\$	-	\$	-	\$ -	\$	-	\$ -	\$ -	\$	-
Equipment Purchase	\$ -	\$	-	\$ -	\$ -	\$ -	\$	-	\$	-	\$ -	\$	-	\$ -	\$ -	\$	-
Total	\$ 3,090,000	\$	404,000	\$ 442,000	\$ 254,000	\$ 262,000	\$	267,000	\$	275,000	\$ 284,000	\$	291,000	\$ 301,000	\$ 310,000	\$	-

 $<sup>\</sup>hbox{*Budget includes contingency}.$ 

PROJECT NAME:				1	PROJ	ECT ID	FISCA	L YEAR		DIVI	SION	
Wastewater System To	echnology In	provements	3		ww	WSTI	2023	-2032		The Wo	odlands	
·								PROJE	CT MAP/PIC	CTURE		
that require updating and uses software for operatio wastewater systems, GIS nasset management. These advancements as well as p	ne Woodlands Division water and wastewater systems have various software and te at require updating and replacement in order to achieve or maintain efficiencies. These software for operational data storage, calculating and reporting, modeling of wastewater systems, GIS mapping, SCADA data storage and reporting, electronic reconstant and activate set management. These softwares generally require occasional updates based on the divancements as well as process changes within the water and wastewater systems.  These funds will be used to maintain and update technology in terms of software fundant ardware needs, and hardware required for updated software.  The process of the pr						(a) Allen-Bradle	Ls	Pumpa  Pumpa  No. St. St. St. St. St. St. St. St. St. St	PanelView Plus 1000  Pains 1  In I I I I I I I I I I I I I I I I I I		
PROJECT SCHEDULE				DELIVERY	FUNDING							
Initiate Cons. Selection	1.	As No	eeded	☑ CSP	□ 0&M						2	91
PSA/WO Issued:	••		eeded	☐ Other	☐ Bonds							
Final Proposal Docs:			eeded		☑ R&R							
Proposals/Bids Receive	ed:		eeded		☐ Other							
Constr. Contract to Box		_	eeded				The state of the s					
Substantial Completion		_	eeded	☐ Capitalized	✓ Expensed		-			U DESIGNATION OF THE PARTY OF T		
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 125,000	\$ -	\$ 12,500	\$ 12,500	\$ 12,500	I '	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500
Construction	\$ 1,250,000	\$ -	\$ 125,000	\$ 125,000	\$ 125,000		\$ 125,000	\$ 125,000		\$ 125,000	\$ 125,000	\$ 125,000
CPS, CM&I, and CMT	\$ 125,000	\$ -	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500
Land Acquisition						\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 1,500,000	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJI	ECT ID	FISCAI	YEAR		DIVI	SION	
WWTF No. 1 Effluent (	Channel Reha	bilitation			ww	P1EC	20	24		The Wo	odlands	
								PROJE	CT MAP/PIC	CTURE		
The Effluent Parshall Flum as part of the Stage IV imp measurement of the efflue basin.  After 20 years of continuo deterioration, including exto be coated to maintain to diverting the flow from the	rovements at the ent discharge from us use, the cond posed aggregat he useful life of	ne facility. This om the wastew crete in the cha e in the botton the structure.	channel allows rater facility pri nnel has begar n of the channe As part of the	s for both the acor to the storm  I to show signs and to show signs.	ccurate water pump  of he channel is e options for							
PROJECT SCHEDULE		FY 2	024	<b>DELIVERY</b>	FUNDING  □ O&M							
		F1 /		■ 1√1 C2P	L UXIVI			THE RESERVE OF THE PROPERTY OF	The second secon			
Initiate Cons. Selection	1.											
Initiate Cons. Selectior PSA/WO Issued:	·•	FY 2	.024	☐ Other	Bonds							
Initiate Cons. Selectior PSA/WO Issued: Final Proposal Docs:		FY 2 FY 2	024 025		☐ Bonds ☑ R&R							
Initiate Cons. Selectior PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive	ed:	FY 2 FY 2 FY 2	024 025 025		Bonds							
Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bo	ed: ard:	FY 2 FY 2 FY 2 FY 2	024 025 025 025	☐ Other	☐ Bonds ☑ R&R ☐ Other							
Initiate Cons. Selectior PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bo Substantial Completion	ed: ard: n:	FY 2 FY 2 FY 2 FY 2	024 025 025 025 025	☐ Other ☐ Capitalized	☐ Bonds ☑ R&R ☐ Other ☑ Expensed							
nitiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bo Substantial Completion BUDGET*	ed: ard: n: TOTAL	FY 2 FY 2 FY 2 FY 2	024 025 025 025	☐ Other	☐ Bonds ☑ R&R ☐ Other	2026	2027	2028	2029	2030	2031	2032
Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bo Substantial Completion BUDGET* Planning/Permitting/PER	ed: ard: n: TOTAL	FY 2 FY 2 FY 2 FY 2 FY 2 FY 2	024 025 025 025 025	☐ Other ☐ Capitalized 2024 \$ -	☐ Bonds ☑ R&R ☐ Other ☑ Expensed	<b>2026</b>	<b>2027</b> \$ -	2028 \$ -	2029 \$ -	2030 \$ -	2031 \$ -	2032
nitiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bo Substantial Completion BUDGET* Planning/Permitting/PER Engineering/Design	ed: ard: n: TOTAL \$ - \$ 78,000	FY 2 FY 2 FY 2 FY 2 FY 2 FY 2	024 025 025 025 025	☐ Other ☐ Capitalized  2024 \$ - \$ 78,000	☐ Bonds ☑ R&R ☐ Other ☑ Expensed	<b>2026</b> \$ -	<b>2027</b> \$ -	<b>2028</b> \$ -	<b>2029</b> \$ - \$ - \$ -	2030 \$ - \$ -	2031 \$ - \$ -	<b>2032</b> \$ \$ \$
Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bo Substantial Completion BUDGET*	ed: ard: n: TOTAL	FY 2 FY 2 FY 2 FY 2 FY 2 PREVIOUS \$ - \$ - \$ -	024 025 025 025 025	☐ Capitalized  2024  \$ - \$ 78,000 \$ 780,000	☐ Bonds ☑ R&R ☐ Other ☑ Expensed	<b>2026</b> \$ -	<b>2027</b> \$ - \$ - \$ -	2028 \$ - \$ - \$ -	2029 \$ - \$ - \$ - \$ -	2030 \$ - \$ - \$ -	2031 \$ - \$ - \$ - \$ -	<b>2032</b> \$ \$ \$ \$ \$
nitiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bos Substantial Completion BUDGET* Planning/Permitting/PER Engineering/Design Construction	ed: ard: n: TOTAL \$ - \$ 78,000 \$ 780,000	FY 2 FY 2 FY 2 FY 2 FY 2 PREVIOUS \$ - \$ - \$ -	024 025 025 025 025	☐ Other ☐ Capitalized  2024 \$ - \$ 78,000	☐ Bonds ☑ R&R ☐ Other ☑ Expensed	<b>2026</b> \$ - \$ - \$ - \$ - \$ -	<b>2027</b> \$ - \$ - \$ - \$ - \$ -	2028 \$ - \$ - \$ - \$ -	2029 \$ - \$ - \$ - \$ -	2030 \$ - \$ - \$ - \$ -	2031 \$ - \$ - \$ - \$ - \$ -	<b>2032</b> \$ \$ \$ \$ \$ \$ \$

<sup>\*</sup>Budget includes contingency.

936,000 \$

PROJECT NAME:					PROJE	CT ID	EISCA	L YEAR		DIV	ISION	
	ation				WW			-2025			odlands	
Gravity Main Rehabilit PROJECT DESCRIPTION		ION:			VV VV .	23GK	2024		ECT MAP/PI		Doulanus	
Some wastewater lines wit			a heen in servic	se for over 40 v	aars The			PROJ	ECT WAP/PI	CIORE		
aging system requires reha		,		•						1	Leger	<u>nd</u>
violations. Through the Ass			•	ū						PERMITTED	42"	DI
Assessment and Renewal (	•	•	•							1		
failure and should be rehal												V
								E/S				THE WAY OF
The SSTAR Program conduc					ū				000 800	The same of	11	- Y
closed circuit television (CC		•	•	ū					nestan			Law Em
footage showed significant										Teksan -		
replacement. Additionally, to their criticality (loss of se	-		_	i consequence (	or ranure due							
to their criticality (1033 of 36	ervice) and pro	Allility to a wat	erway.									ייי אין
The line segments included	d in this project	include approx	kimately 5,000	linear feet of 42	2" ductile iron							
(DI) pipe located east of La	ke Woodlands.		• •				127					
						12					展出。汉	
This project is part of a pha	ased asset man	agement appro	ach to continu	ously rehabilita	te sanitary				C Our imp	Region 1		
sewer gravity mains in the	•	•		-		<b>A</b>						
violations. Other projects		•	•		mplish the	1500	· · · · · · · · · · · · · · · · · · ·	F. S.			8	
goal of rehabilitating the g	ravity mains ide	entified as bein	g the nighest ri	sk for failure.		5.25			In the second		Was a series	
									The		rogan	100
							V			THE PART OF THE PA	/	
							400				Trans.	
PROJECT SCHEDULE				DELIVERY	FUNDING	<b>自</b>						
Initiate Cons. Selection	:	FY 2	2023	☑ CSP	□ 0&M	學。機能						Noodlands Di
PSA/WO Issued:		FY 2	2024	☐ Other	☐ Bonds						<b>_</b>	Lake
Final Proposal Docs:			2025		☑ R&R							
Proposals/Bids Receive	ed:		2025		☐ Other							
Constr. Contract to Boa	ard:	FY 2	2025						Lake			N
Substantial Completion	1:	FY 2	2026	☐ Capitalized	☑ Expensed				Manda Manda			1000 ft
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ 305,000	\$ -	\$ -	\$ 305,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 608,000	\$ -	\$ -	\$ 608,000	\$ -	\$ -	\$ -	\$ -	\$ -	<b> </b> \$ -	\$ -	\$ -
Construction	\$ 6,117,000	\$ -	Ş -	Ş -	\$ 6,117,000	\$ -	Ş -	Ş -	Ş -	Ş -	Ş -	Ş -
CPS, CM&I, and CMT	\$ 408,000	\$ -	\$ -	\$ -	\$ 408,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition			> -	\$ -	۶ - د	-   \$ -   \$ -   \$ -		\$ -	\$ -	> -	\$ -	
Equipment Purchase				\$ -	¢ ( F3F 000	\$ -	<u>-</u> د	\$ -	> -	\$ -	> -	> -
Total	\$ 7,438,000	<b>&gt;</b> -	> -	\$ 913,000	\$ 6,525,000	<b>&gt;</b> -	- (	- 1				

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:	PROJECT ID	FISCAL YEAR	DIVISION
WWTF No. 1 Clarifier Rehabilitation	WW01CR	2024-2026	The Woodlands

Two clarifiers at Wastewater Treatment Facility (WWTF) No. 1 were installed in 1982, and one clarifier was installed in 1994. The existing metal components are beginning to show signs of corrosion. However the corrosion is being monitoring and temporarily mitigated. Typical effective useful life for wastewater treatment facility mechanical equipment is 20 years. The mechanical equipment in Clarifiers Nos. 1 and 2 have reached the end of its useful life, and the mechanical equipment in Clarifier No. 3 is near the end of its useful life. Therefore, it is recommended to replace this equipment at all three clarifiers.

The project includes replacement of the mechanical components of all three clarifiers including clarifier mechanisms, weirs and baffles, weir cleaning brushes, electrical and instrumentation systems. The stilling well of Clarifier No. 3 will also be replaced. At all three clarifiers, technologies will be incorporated for increased solids handling capability and increase the overall capacity of the clarification system.

								The second secon		SAME IN COLUMN TO SAME IN COLU		
PROJECT SCHEDULE				DELIVERY	FUNDING			ento mondre	A TENEDON TO		1	
Initiate Cons. Selection	า:	FY 2	2024	☑ CSP	□ 0&M	18.3						
PSA/WO Issued:		FY 2	2024	☐ Other	☐ Bonds							
Final Proposal Docs:		FY 2	2025		☑ R&R						The state of the s	
Proposals/Bids Receiv	ed:	FY 2	2025		☐ Other	The state of				- March		
Constr. Contract to Bo	ard:	FY 2	2026			Street Str						
Substantial Completio	n:	FY 2	2026	☐ Capitalized	✓ Expensed	* 1/4						
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
Engineering/Design	\$ 203,000	\$ -	\$ -	\$ 203,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
Construction	\$ 1,537,000	\$ -	\$ -	\$ -	\$ -	\$ 1,537,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$
CPS, CM&I, and CMT	\$ 102,000	\$ -	\$ -	\$ -	\$ -	\$ 102,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$
Land Acquisition	\$ -	\$ -	\$ -	\$ -	<b> </b> \$ -	<b>s</b> -	\$ -	<b>S</b> -	\$ -	\$ -	\$ -	s

<sup>\*</sup>Budget includes contingency.

\$ 1,842,000

Equipment Purchase

PROJECT NAME:					PROJ	ECT ID	FISCA	L YEAR		DIV	ISION	
WWTF No. 1 Lift Statio	n Rehabilita	tion				F1LS		-2027			oodlands	
PROJECT DESCRIPTION									ECT MAP/PI			
Wastewater Treatment Fa Station No. 2 was construct of these facilities, Lift Statiallow for the abandonment visual inspection of Lift Statiality corrosion and shout As part of the conversion the equipment will be replaced control may be included as structure with a coating the structure can be maintained include rehabilitating the account of the structure of t	ted in 1982. To on No. 2 will be t of Lift Station tion No. 2 by S. Ild be repaired o a full submer d at Lift Station s further means at is resistant to	o optimize oper e converted to a No. 1, which has left and coated to possible lift station No. 2. Addition for corrosion rowastewater ged preventative	rational efficier a full submersit as reached the s found the web prevent additio a, the pumps, p ally, mechanic reduction. By r cases, it is estime e maintenance	ncy and reduce of the lift station, we note that useful the lift station in the lift station are that the lift station are stationary that the lift station are stationary that the lift station are stationary that the lift stationary stat	maintenance which will ul life. After a structures the future. ad electrical and odor e concrete fe of the							
PROJECT SCHEDULE				DELIVERY	FUNDING							
Initiate Cons. Selection	:	FY 2	.026	☑ CSP	□ 0&M				**			
PSA/WO Issued:		FY 2	.026	☐ Other	☐ Bonds							
Final Proposal Docs:		FY 2	.026		☑ R&R	= = =						
Proposals/Bids Receive	ed:	FY 2	.027		☐ Other							
Constr. Contract to Box		FY 2	.027				FA.					
Substantial Completion		FY 2	_	☐ Capitalized	✓ Expensed			de la company				
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
	\$ 256,000		\$ -	\$ -	\$ -	\$ 256,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 307,000	\$ -	\$ -	\$ -	\$ -	\$ 307,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	1, , , , 1,				\$ -	\$ -	\$ 3,119,000	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT					\$ -	\$ -	\$ 312,000	\$ -	\$ -	\$ -	\$ -	\$
Land Acquisition	Acquisition \$ - \$ - \$				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
E	pment Purchase \$ - \$ - \$					lċ .	l¢ -	l¢ -	Ċ _	Ċ	l ċ	
Equipment Purchase	\$ 3,994,000	7	- ب	۲	<del>-</del>	\$ 563,000	\$ 3,431,000	7	- ۲	· Ş -	Ş -	\$

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJI	CT ID	FISCAI	L YEAR		DIVI	ISION	
WWTF No. 1 Generato	r Replaceme	nt			WWI	-1GN	2026	-2027		The Wo	odlands	
PROJECT DESCRIPTION	I/JUSTIFICAT	ION:						PROJ	ECT MAP/PI	CTURE		
The 2,000 kW diesel stand This generator provides the the event of power outage is recommended to replace which is approximately 30 become less available. An current generator.	e primary back e. In order to me this generato years. Also, co	up power sourd aintain reliable r before it is an ntinued mainte	ce for Wastewa power backup ticipated to rea enance costs ris	ter Treatment I for the wastew ach the end of it se as replaceme	Plant No. 1 in vater facility, it is useful life, ent parts							
PROJECT SCHEDULE				DELIVERY	FUNDING			342			(alm)	/
Initiate Cons. Selection	ı:		2026	☑ CSP	□ 0&M			2"		10		
PSA/WO Issued:			2026	☐ Other	☐ Bonds			1 36				
Final Proposal Docs:			2026		☑ R&R				7 1/6			
Proposals/Bids Receive	ed:	FY 2	2026		☐ Other		4		112			
Constr. Contract to Box	ard:	FY 2	2027						1			Marie .
Substantial Completion	n:	FY 2	2027	☐ Capitalized	✓ Expensed				7.			111 3
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 102,000		\$ -	\$ -	\$ -	\$ 102,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 1,040,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,040,000	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 104,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 104,000	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 1,246,000	\$ -	\$ -	\$ -	\$ -	\$ 102,000	\$ 1,144,000	\$ -	\$ -	\$ -	\$ -	\$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:	PROJI	CT ID	FISCAL YEAR	DIVISION
WWTF No. 2 Belt Press and Conveyor Replacement	WW	2SCR	2027-2028	The Woodlands
PROJECT DESCRIPTION/JUSTIFICATION:			P	ROJECT MAP/PICTURE

## PROJECT DESCRIPTION/JUSTIFICATION:

Wastewater Treatment Facility (WWTF) No. 2 includes a 1.5 meter belt press and sludge conveyor system, installed in 1997. Additionally, in 2003 a 2.0 meter belt press was installed. These belt filter presses and the conveyor are experiencing recurring mechanical issues which require more frequent repairs. Replacing both belt presses with modern technology will replace with what is expected to increase the percentage of solids production, decrease the chemical costs, and decrease overall operation and maintenance costs.

The current conveyor system is steep and has required modification over its service life to reduce potential safety issues. The current belt-type conveyor system will 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, eliminating the need for regular cleaning.

									Z			
PROJECT SCHEDULE				DELIVERY	FUNDING	E L			Man in the last of			
Initiate Cons. Selection	n:	FY 2	2027	☑ CSP	□ 0&M	是主			TARRY.		The second	
PSA/WO Issued:		FY 2	2027	☐ Other	☐ Bonds							
Final Proposal Docs:		FY 2	2027		☑ R&R							
Proposals/Bids Receive	ed:	FY 2	2027		☐ Other							
Constr. Contract to Box	ard:	FY 2	2028									
Substantial Completion	n:	FY 2	2028	✓ Capitalized	☐ Expensed					0		
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ 156,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 156,000	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 312,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 312,000	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 3,166,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,166,000	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 264,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 264,000	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 3.898.000	\$ -	\$ -	Ś -	\$ -	\$ -	\$ 468,000	\$ 3,430,000	\$ -	\$ -	\$ -	\$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJ	ECT ID	FISCA	L YEAR		DIV	ISION	
Gravity Main Rehabilit	ation				WW:	25GR	2027	-2028		The W	oodlands	
PROJECT DESCRIPTION	I/JUSTIFICAT	ION:						PROJ	ECT MAP/PI	CTURE		
Some wastewater lines wit aging system requires rehaviolations. Through the As Assessment and Renewal (failure and should be rehald. The SSTAR Program conductored circuit television (CC footage showed significant replacement. Additionally, to their proximity to a sense. The line segments included (DI) pipe, 3300 linear feet of This project is part of a phasewer gravity mains in the violations. Other projects goal of rehabilitating the great and several systems.	abilitation to aviset Manageme SSTAR) Program bilitated within cted in 2019 ar CTV) inspection t deterioration these line segresitive environmed in this project of 21" DI pipe, as	oid collection sont Program and not specific line sont the next few your departments of the existing sont waterway include approximate 2100 linear agement approximate department approximate collection systems.	ystem failure, so the Sanitary Songments were ears.  d a condition a fexpected rem gravity mains, red with a high your feet of 24" DI each to continuistem failure, se y23GR, and WW	sewage overfloor Sewer Transmise identified as he assessment containing useful life requiring rehabit consequence of 15 pipe.  Journal of the country of the consequence of 15 pipe.  Journal of the country of the country rehabilities Sewage overflow W27GR will accountry	ws, and permit sion igh risk for sisting of fe. CCTV video ilitation or of failure due 8" ductile iron ate sanitary is, and permit					Server Barren Mark	Committee of the state of the s	Legend  18" DI  21" DI  24" DI
PROJECT SCHEDULE				DELIVERY	FUNDING							,
Initiate Cons. Selection	:		.026	☑ CSP	□ 0&M	N. J. St.						100
PSA/WO Issued:			.027	☐ Other	Bonds		0 14 1					
Final Proposal Docs:			.027		☑ R&R							The same of
Proposals/Bids Receive	ed:	FY 2	.027		Other	g .						
Constr. Contract to Boa	ard:	FY 2	.028									
Substantial Completion	າ:	FY 2	.029	☐ Capitalized	✓ Expensed	<b>发展以影点型</b>		AND LA	AND THE PERSON NAMED IN		8	
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ 177,000		\$ -	\$ -	\$ -	\$ -	\$ 177,000	1 ·	\$ -	\$ -	\$ -	\$ -
Engineering/Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 416,000	\$ -	\$ -	\$ -	\$ -	\$ -
Construction CPS, CM&I, and CMT	\$ 4,212,000 \$ 251,000	\$ - \$ -	۶ - د	) - c	- د	۽ د	- د	\$ 4,212,000 \$ 251,000	۶ - د	è -	- د	> c
Land Acquisition	ر ∠۲٫۰۰۰ ک	- د	- خ	ς -	ا ا	- د	- د -	251,000	- د	ç	ء -	17
· '	- -	- د	- ح	- ا	[ ]	, -	-	] ·	_	] ·	] ·	IS -
Equipment Purchase	-	otal \$ 5,056,000 \$ - \$ - \$ - \$							-	- ا	.   \$ -	\$ - \$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:						ECT ID		YEAR			SION	
Gravity Main Rehabili					<u>l</u> ww	27GR	2029-				odlands	
PROJECT DESCRIPTION								PROJI	ECT MAP/PIC	TURE		
Some wastewater lines wi aging system requires reh and permit violations. Thi identified as high risk for f	abilitation or rer rough the Asset	newal to avoid Management I	collection syste Program, speci	em failure, sew fic line segment	age overflows, ts were				Build Saint		Legend 30" Fibergla	
The SSTAR Program conduseful life for collection sy the exact condition of the inspection will be conduct	existing pipe is	ing fiberglass p unknown. Add	ipe was identif itional closed c	ied as a high-ris	sk asset, but					Willow Run P	eron P/	
The line segments include reinforced plastic (FRP) pi Facility No. 2.		• • •			•					Alden Sentiner Po	Noods	Cypres:
This project is part of a ph sewer gravity mains in the violations. Other projects goal of rehabilitating the g	e system, to avoi as described in	d collection sy WW21GR, WV	stem failure, se V23GR, and W\	ewage overflow N25GR will acco	s, and permit	A HI				E EMP C'E	gg de de la companya	
PROJECT SCHEDULE				DELIVERY	FUNDING	4 .2		THE RESERVE A	Algorian de la companya de la compan	Minais		ethor
Initiate Cons. Selection	າ:	FY 2	2028	☑ CSP	□ 0&M	1 1	100			Ď	E Sterling Ponc	Cir
PSA/WO Issued:		FY 2	2029	☐ Other	☐ Bonds	1 miles		na a selection			icho!	<b>建工业</b>
Final Proposal Docs:		FY 2	2029		☑ R&R		Company of the last		在人士市		a de la companya de l	
Proposals/Bids Receive	ed:	FY 2	2029		☐ Other			H 100				
Constr. Contract to Bo		FY 2	2029									
Substantial Completio	n:		2030	☐ Capitalized	☐ Expensed		O <sub>m</sub>				4.	N
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
Engineering/Design	, ,,,,,,	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 642,000	\$ -	\$ -	\$ -
Construction	\$ 6,791,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,791,000	\$ -	\$ -
CPS, CM&I, and CMT	\$ 652,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 652,000	\$ -	\$ -
Land Acquisition Equipment Purchase	\$ - ¢	\$ - ¢	۶ - د	\$ - c	\$ - c	۶ - د	۶ -   د	\$ - ¢	۶ - د	۶ - د	۶ - د	> -   c
-quipinient Purchase	- د	- د	- ا	- ا	- ا	- -	[	- ح	- و	- ا	- ا	٦

<sup>\*</sup>Budget includes contingency.

\$ 8,406,000 \$

963,000 \$ 7,443,000 \$

PROJECT NAME:			PROJE	CT ID	FISCAL YEAR		DIV	/ISION	
WWTF No. 1 Digester No. 1 Replace	ement		WW:	1D1R	2030-2031		The W	oodlands	
						PROJECT MA	P/PICTURE		
Digester No. 1 at Wastewater Treatment several wastewater facility expansions, the its continued use. However, the digester current facility operations. In addition, as by 2030. Therefore, a new basin is planne will be demolished. The new basin will be the analysis performed for the 6th and Fire the analysis performed for the 6th and Fire the facility.	is digester has been modified num does not perform at an efficient h the basin will be reaching the end ed to be constructed adjacent to D e designed to handle ultimate peak	nerous times ydraulic cap I of its effect igester 2 an	s to allow for acity for the tive useful life d Digester 1						
PROJECT SCHEDULE		ELIVERY	FUNDING						
nitiate Cons. Selection:		CSP	□ 0&M			4		1	
PSA/WO Issued:		Other	Bonds			D	A FA		
Final Proposal Docs:	FY 2030		☑ R&R						
Proposals/Bids Received: Constr. Contract to Board:	FY 2031 FY 2031		Other						

Substantial Completion	n:	FY 2	2032		☐ Expensed							
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ 163,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 163,000	\$ -	\$ -
Engineering/Design	\$ 163,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 163,000	\$ -	\$ -
Construction	\$ 1,654,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,654,000	\$ -
CPS, CM&I, and CMT	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Equipment Purchase</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 2,145,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 326,000	\$ 1,819,000	\$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJI	ECT ID	FISCA	L YEAR		DIV	ISION	
WWTF No. 2 Blower Repla	cement				ww	P2BR	20	)31		The Wo	oodlands	
								PROJ	ECT MAP/PI	CTURE		
aeration basins and the post-a and have reached the end of th efficiency positive displacemer basin will be increased from 15	ROJECT SCHEDULE  ROJECT							PROJ	ECT MAP/PI	CTURE		
		5V 2	020			and the same of th		3				
				1					1			
PSA/WO Issued:		FY 2		Other	☐ Bonds ☑ R&R			-				
Final Proposal Docs:		FY 2 FY 2										
Proposals/Bids Received:					☐ Other							
Constr. Contract to Board:		FY 2			<u> </u>							
Substantial Completion:	TOTAL	FY 2		✓ Capitalized	Expensed	2020	2007	2020	2000	2000	2024	2022
	110,000	PREVIOUS	<b>2023</b>	2024	2025	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	2030	<b>2031</b> \$ 110,000	<b>2032</b>
Planning/Permitting/PER \$ Engineering/Design \$	165,000		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 110,000	
	1,433,000		, \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	, \$ -	\$ -	\$ 1,433,000	
	165,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000	\$ -
CPS, CM&I, and CMT \$								1				
The state of the s	´ - İ	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition \$ Equipment Purchase \$	-   -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ \$

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJI	ECT ID	FISCA	L YEAR		DIVI	SION	
WWTF No. 2 Clarifier	Rehabilitatio	n			ww	02CR	20	)31		The Wo	odlands	
PROJECT DESCRIPTION	N/JUSTIFICAT	ION:						PROJ	ECT MAP/PI	CTURE		
Two clarifiers at Wastewar clarifier was installed in 20 corrosion, however, the confective useful life for was mechanical equipment in recommended to replace. The project includes replactianifier mechanisms, weir includes replacement of si Clarifier No. 3 stilling well.	ter Treatment F 2003. The existir orrosion is curre stewater treatr all three clarifie this equipment cement of the r rs and baffles, wingle skimmer a	racility (WWTF)  g metal compo  ently being more  nent facility me  rs have reached  at all three clar  mechanical com  yeir cleaning bro	nents are begin nitored and tem ichanical equip d the end of the rifiers. aponents of Cla ushes, electrica	nning to show s nporarily mitiga ment is 20 year eir useful life. T rifier Nos. 1, 2 a Il, and instrume	igns of ted. Typical s. The herefore, it is and 3 including ntation. This					TORE TO THE STATE OF THE STATE		
PROJECT SCHEDULE				DELIVERY	FUNDING							
Initiate Cons. Selection	1:		2030	☑ CSP	□ 0&M				18 A6-2 186-22			
PSA/WO Issued:			2031	☐ Other	☐ Bonds							
Final Proposal Docs:			2031		☑ R&R							
Proposals/Bids Receive			2031		☑ Other							
Constr. Contract to Bo			2031				1					HHUU
Substantial Completion	1		032	☐ Capitalized	✓ Expensed	HAMIS	1					HHH
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 220,000	· ·	\$ -	\$ -	\$ -	\$ -	\$ -	Ş -	\$ -	\$ -	\$ 220,000	\$ -
Construction	\$ 1,654,000	\$ -	۶ - د	\$ -	> -	۶ - د	\$ -	\$ -	۶ - د	\$ -	\$ 1,654,000	<b>&gt;</b>
CPS, CM&I, and CMT	\$ 166,000	\$ -	۶ - د	> -	۶ - د	- د	> -	- د	- د	> -	\$ 166,000	- (ج
Land Acquisition Equipment Purchase	- د	ج د	۶ - د	- د	- د	- د	- د	- د	۶ - د	۶ د	ع -   اخ	- ج ا
_ ' '	\$ 2,040,000	- د	۰ د	\$ -	<del>-</del> د	- د	<del>-</del>	\$ -	ې - د	<del>-</del> د	\$ 2,040,000	- د
Total	2,040,000 ج	<b>γ</b> -	ə -	- ڊ	<del>-</del> -	<del>-</del> ج	- ڊ	<del>-</del> -	<b>γ</b> -	γ -	ə 2,040,000	ې -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJE			L YEAR			SION	
WWTF No. 2 Basin Coa	ating				WWI	P2BC	20	31			odlands	
								PROJ	ECT MAP/PI	CTURE		
Wastewater Treatment Fa in 1995 and Phase II occur facility will degrade the co No. 2 exposed to the most remedy any damage and pmaterial which will provide further degradation. This 20 years.	ring in 2003. Lo ncrete structure corrosive gases prevent further e additional stru	ong-term exposes over-time. To are the aeratic concrete degra	ure to corrosive the basins at Won basins, dige dation, the basy as well as pro	e gas in the was astewater Trea ster, and thicke sins will be coate tect the concre	stewater tment Facility ner. To ed with a te from							
PROJECT SCHEDULE				DELIVERY	FUNDING							
Initiate Cons. Selection	1:		2030	☑ CSP	□ 0&M	3 3						
PSA/WO Issued:			2031	Other	Bonds	0						
Final Proposal Docs:	•		2031		☑ R&R							
Proposals/Bids Receive			2031		Other							
Constr. Contract to Bo			2031			S PE						
Substantial Completion			2032	☐ Capitalized	☑ Expensed		0			×		111
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER Engineering/Design	\$ - \$ 331,000	\$ -	\$ -	\$ -	\$ - c	\$ -	\$ -	\$ -	\$ -	\$ -	\$ - \$ 331,000	\$ -
Construction	\$ 3,583,000	\$ - \$ -	٠ د	\$ -	- ا د ا	۶ - د -	ς -	ς -	۶ د	\$ -	\$ 331,000 \$ 3,583,000	۶ - د -
CPS, CM&I, and CMT				s -	\$ -	\$ -	\$ -	\$ -	ś -	s -	\$ 220,000	\$ -
Land Acquisition	i i i i					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<sup>\*</sup>Budget includes contingency.

\$ 4,134,000 \$

- \$

- \$

- \$

Total

- \$

- \$

- \$

- \$ 4,134,000 \$

PROJECT NAME:					PROJI	ECT ID	FISCAI	L YEAR		DIVI	SION	
WWTF No. 1 Replacen	nent of Aera	tion Basin No	s. 1 and 2		ww	F1AB	2018	-2023		The Wo	odlands	
PROJECT DESCRIPTION	I/JUSTIFICAT	ION:						PROJE	CT MAP/PI	CTURE		
Aeration Basin Nos. 1 and original plant construction condition, and the current limitations. A comprehens recommended that Aeratic upgraded to a more efficie (PER) completed in 2019 rebubble diffused aeration.	in 1974. Aerai treatment cap sive evaluation on Basin Nos. 1 ent fine bubble	tion Basin 1 is c acity of Aeratic of WWTF No. 1 and 2 be repai diffused aeratic	urrently not in on Basin 2 is limited. was performed red or replaced on system. A Pi	operation due t ited due to aera d in 2014, whic I and that both reliminary Engii	to poor ation h basins be neering Report							
Based on the recommenda 2020. The project scope in diffused aeration system, i basin blowers and digester related improvements. Continued growth within T order to meet Texas Comm	cludes replaced replacement of r blowers, addi The Woodlands	ment of Aeration be tion of two new will require the	on Basin Nos. 1 : asin splitter box aeration basin ese basins to be	and 2 including x, replacement I blowers, and r	a fine bubble of aeration miscellaneous the future in							
PROJECT SCHEDULE				DELIVERY	FUNDING				7		-	
Initiate Cons. Selection	:	FY 201	18 - Q1	☑ CSP	□ 0&M			ALC: NO.				4
PSA/WO Issued:		FY 202	18 - Q2	☐ Other	☑ Bonds	H WALL	NID, L					
Final Proposal Docs:		FY 202	22 - Q2		□ R&R							
Proposals/Bids Receive	ed:	FY 202	23 - Q3		☐ Other							
Constr. Contract to Box	ard:	FY 202	23 - Q4			A THE PARTY OF						The same of
Substantial Completion	า:	FY 202	25 - Q1	✓ Capitalized	☐ Expensed	and the second second	AND SHAPE OF THE STATE OF THE S	And the second second	Acres 100	10 to 10 to		2
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER Engineering/Design Construction CPS, CM&I, and CMT Land Acquisition Equipment Purchase	\$ 654,000 \$ 537,000 \$ 10,564,000 \$ 1,057,000 \$ -	\$ 654,000 \$ 537,000 \$ 10,564,000 \$ 1,057,000 \$ -	\$ - \$ -	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ - \$ \$ - \$ \$ -	- \$ - \$ - \$ -
Total	\$ 12,812,000	\$ 12,812,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
*Dudget in alludes continues as	. ,, - 30	, , , - 30										•

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJ	ECT ID		L YEAR	DIVISION				
South Shore Gravity N	lain Rehabilit	ation			WW	W21GR 2021-2024 The Woodlands							
PROJECT DESCRIPTION	N/JUSTIFICATI	ON:				PROJECT MAP/PICTURE							
Some wastewater lines wire system requires rehabilitary violations. Through the Assessment and Renewal (failure and should be replained in the SSTAR Program conductricuit television (CCTV) in showed significant deterior Additionally, these line seguing location, difficulties with a The line segments included 6496 linear feet of 42" DI project is part of a phasewer gravity mains in the violations. Other projects	thin the collection to avoid collection to avoid collection to avoid collection and appropriate and their din this project pipe.  The collection and an avoid their din this project pipe.  The collection and an avoid their din this project pipe.	on system have llection system int Program and n, specific line so ated in the near d 2020 included alysis of expectoisting gravity madred with a high criticality.  Include approximagement approad d collection systems	failure, sewage the Sanitary Seegments were in term.  I a condition as ed remaining uains, requiring consequence of the continuotem failure, seven failure, seven failure, seven to continuotem failure, seven to continuotem failure, seven to continuotem failure, seven to continuotem failure, seven to continuotem failure, seven to continuotem failure, seven to continuotem failure, seven to continuotem failure, seven to continuotem failure, seven to continuotem failure, seven to continuotem failure, seven to continuotem failure, seven to continuotem failure, seven to continuotem failure, seven failure,	e overflows, and ewer Transmissi identified as hig sessment consi seful life. CCTV rehabilitation of failure, due to ear feet of 36" [Cously rehabilitativage overflows,	permit on th risk for sting of closed video footage r replacement. o their Of pipe and e sanitary and permit	eure Cove Dr	Actes Sine Cove			Breezy-War		ad 36" (CIPP) 12" (CIPP)  E Shore O	
goal of rehabilitating the g	ravity mains ide	entified as being	the highest ris	k for failure.		Unif Coles to		Jands Pkwy					
PROJECT SCHEDULE				DELIVERY	FUNDING							eeriot	
Initiate Cons. Selection	1:	FY 202	0 - Q3	☑ CSP	☑ 0&M	hyflower c						ge P	
PSA/WO Issued:		FY 202	1 - Q1	☐ Other	✓ Bonds								
Final Proposal Docs:		FY 202	2 - Q2		☐ R&R	m 2114		鐵一個				Wild	
Proposals/Bids Receive	ed:	FY 202	3 - Q3		☐ Other	The state of	R. King		Z AAR	MA SHA		wind.	
Constr. Contract to Box		FY 202	3 - 04							s	Wildwind Cir	G.	
Substantial Completion: FY 2025 - Q1 □ Capitalized ☑ Expensed							Lift	t Station No. 5	10 To 10 To				
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	
Planning/Permitting/PER Engineering/Design Construction CPS, CM&I, and CMT	\$ 350,000 \$ 815,000	\$ 350,000 \$ 815,000 \$ 8,352,000 \$ 835,000	\$ -	\$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	
Land Acquisition	\$ 407,000	\$ 407,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

 $<sup>{\</sup>bf *Budget\ includes\ contingency}.$ 

\$ 10,759,000

\$ 10,759,000 \$

PROJECT NAME:				PROJ	JECT ID FISCAL YEAR DIVISION					SION		
Wastewater System Consolida	ation			WW	WTREG 2022-2023 The Woodlands							
					PROJECT MAP/PICTURE							
SJRA owns and operates three (3) we components of these facilities are not renewed/replaced in the near future alternative(s) for consolidating the compare the alternative(s) to a base service life. The feasibility study is eto The Woodlands MUD Boards to not infrastructure renewal. This project which would include master planning	learing the end of the e. A currently ongoin existing wastewater of eline scenario of repl evaluating alternative make an informed de sheet includes a pro	eir useful life an Ig high-level fea collection and to acing the existir (s) in order to p cision regarding	d will need to I sibility study is reatment systeng infrastructuoresent informag the path forw	evaluating m and re based on its ation and data vard for aging	Lake Windcres Golf Course	Wo	Bear Brown Canton Woods Nick Course	aus Vallands Palmer (Voodland) George M Nature Priege	WWTF No. 1	WWTF No. 2	Tamina  Tamina  Oak Ridge  Odlands North	
PROJECT SCHEDULE			DELIVERY	FUNDING		National Forest	Legend	43	4		te 45	
Initiate Cons. Selection:	•	oleted	☐ CSP	□ 0&M	The state of		Treatment Facilit	ies	2	T. U	Z	
PSA/WO Issued:	•	oleted	☑ Other	✓ Bonds		2	Lift Station with	Generator	n n n	36		
Final Proposal Docs:		/A		□ R&R			Gravity Main Force Main	BIE &	Sling		•	
Proposals/Bids Received:		/A		☐ Other		The Woodlands	Region 1 Region 2	The same of	GO.S	1	75/ /=	
Constr. Contract to Board:	N	/A	Professional		Land	The /	Region 3	3/01	To the second		- Comment	
Substantial Completion:		Y	smith Rd			more						
BUDGET* TOTA	AL PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	
Planning/Permitting/PER \$ 1,287			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Engineering/Design \$ 5,356	5,000 \$ -	\$ 5,356,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Construction \$	- \$ -	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
CPS, CM&I, and CMT \$	- \$ -	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Land Acquisition \$	-  \$ -	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Equipment Purchase \$	- \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total \$ 6,643	3,331 \$ 1,287,331	\$ 5,356,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:	PROJECT ID	FISCAL YEAR	DIVISION
WWTF No. 1 Aeration Basin Nos. 1 and 2 Capacity Increase	WW1AB	2018-2023	The Woodlands

Aeration Basin Nos. 1 and 2 at Wastewater Treatment Facility (WWTF) No. 1 were part of the original plant construction in 1974. Aeration Basin 1 is currently not in operation due to poor condition, and the current treatment capacity of Aeration Basin 2 is limited due to aeration limitations. A comprehensive evaluation of WWTF No. 1 was performed in 2014, which recommended that Aeration Basin Nos. 1 and 2 be repaired or replaced and that both basins be upgraded to a more efficient fine bubble diffused aeration system. A Preliminary Engineering Report (PER) completed in 2019 recommended replacing Aeration Basin Nos. 1 and 2 and upgrading to fine bubble diffused aeration.

Based on the recommendations provided in the PER, final design of the project will be completed in 2020. The project scope includes replacement of Aeration Basin Nos. 1 and 2 including a fine bubble diffused aeration system, replacement of the aeration basin splitter box, replacement of aeration basin blowers and digester blowers, addition of two new aeration basin blowers, and miscellaneous related improvements.

Continued growth within The Woodlands will require these basins to be operational in the future in order to meet Texas Commission on Environmental Quality (TCEQ) discharge permit requirements.

PROJECT SCHEDULE	DELIVERY	FUNDING										
Initiate Cons. Selection: FY 2018 - Q1			☑ CSP	□ 0&M					1			
PSA/WO Issued:	Issued: FY 2018 - Q2		☐ Other	☐ Bonds								
Final Proposal Docs:	inal Proposal Docs: FY 2022 - Q2			□ R&R					-			
Proposals/Bids Receive	Proposals/Bids Received: FY 2023 - Q3			☑ Other								
Constr. Contract to Boa	Constr. Contract to Board: FY 2023 - Q4			Capacity			production of					
Substantial Completion: FY 2025 - Q1		☐ Capitalized	☐ Expensed									
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Planning/Permitting/PER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 117,000	\$ 117,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 1,745,000	\$ 1,745,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 175,000	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 2,037,000	\$ 2,037,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<sup>\*</sup>Budget includes contingency.

PROJECT NAME:					PROJI	OJECT ID FISCAL YEAR DIVISION						
Wet Weather Flow Cap	acity Projec	ts				/2HPF 2024-2030 The Woodlands						
	,				PROJECT MAP/PICTURE							
The Wastewater System Opinflow and infiltration into that not addressing current gravity sewer system as we Municipal Utility Districts (It treatment plants owned an recommended ten (10) proprojects are as follows:  WWT No. 2 Lift Station Pun WWTF No. 1 Addition of 4t WWTF No. 1 Disinfection Station 24B Expansion at Enlargement of Lift Station Lift Station No. 7 Expansion Lift Station No. 6 Expansion Lift Station No. 6 Expansion	the gravity sew the gravity and future infull as the gravity MUDs) would rad operated by jects costing appring Improve the Clarifier system Improve and Force Mair 24 Gravity Line of the clarifier system Improve and Force Mair and F	rer system in The low and infiltrative sewer system esult in future the SJRA Wood proximately \$100 ments and Replacement	ne Woodlands, ition into both to owned by the peak flow violate llands Division.	Texas. The sturn the SJRA Wood 11 Woodlands, tions at the threads to address this	dy concluded lands Division Texas ee wastewater s, the study			PROJ	ECT MAP/PIC	TURE		
WWTF No. 2 Clarifier No. 4 Lift Station No. 2 Expansion Lift Station No. 3 Expansion Lift Station No. 8 Expansion This project sheet consolida Phase I seeks to address the												
PROJECT SCHEDULE				DELIVERY	FUNDING							
Initiate Cons. Selection: PSA/WO Issued:	:	FY 2 FY 2		☑ CSP ☐ Other	□ O&M		17.77					
Final Proposal Docs:		FY 2		□ Otner	□ Bonas □ R&R	47 2 -						
Proposals/Bids Receive	۹٠	FY 2			☐ Other							245
·			-		☐ Otner							
Constr. Contract to Boa		FY 2					4					
Substantial Completion: FY 2031  ☐ Capitalized ☐ Expensed												
BUDGET*	TOTAL	PREVIOUS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Engineering/Design Construction	\$ 4,697,000 \$ 4,697,000 \$ 47,792,000 \$ 4,771,000	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ 304,000 \$ 304,000 \$ - \$ -	\$ 1,223,000 \$ 1,223,000 \$ 3,059,000 \$ 306,000	\$ 1,383,000 \$ 1,383,000 \$ 12,295,000 \$ 1,229,000	\$ 780,000 \$ 780,000 \$ 14,037,000 \$ 1,456,000	\$ 686,000 \$ 686,000 \$ 8,177,000 \$ 812,000	\$ 321,000	\$ - \$ 3,531,000 \$ 326,000	\$ - \$ - \$ - \$ -	\$ - \$ - \$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 61,957,000	\$ -	\$ -	\$ 608,000	\$ 5,811,000	\$ 16,290,000	\$ 17,053,000	\$ 10,361,000	\$ 7,977,000	\$ 3,857,000	\$ -	\$ -

<sup>\*</sup>Budget includes contingency.