

Raw Water

Ten-Year Project Plan FY 2024 – FY 2033

Date: 05/22/2023

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Raw Water Ten Year Project Plan Executive Summary FY 2024 – FY 2033 Projects

Introduction

The purpose of the Raw Water 10-Year Project Plan for Fiscal Years (FY) 2024 through 2033 is to identify potential projects and associated funding requirements for (1) long-range planning of raw water supplies for both Montgomery County and SJRA's Highlands Service Area, (2) periodic raw water rate studies as required by customer contracts, (3) the study of potential raw water supply strategies, and (4) the implementation of raw water permitting and supply projects as needed.

Key Focus Areas:

- Updating SJRA's Raw Water Supply Master Plan (RWSMP) to ensure regional water planning is kept up to date with the best and most recent information available.
- Implementing studies and projects to further the recommendations of the RWSMP, to ultimately ensure the availability of water to customers in SJRA's service areas in the future.
- Determining appropriate future raw water rates based on updated rate studies and modeling.

Total Projected Cos (All Projects)	sts
FY 2024	\$640,500
FY 2025	\$572,500
FY 2026	\$462,500
FY 2027 – FY 2033	\$10,673,500
Total	\$12,349,000

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Raw Water Project Summary

Raw Water Enterprise FY 2024 - FY 2033 Project Cash Flow Summary

PAGE NO.	PROJECT ID	PROJECT NAME	ESTIMATED EXPENDITURES THROUGH END OF FY 2023		2024 ESTIMATE	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	2028 ESTIMATE	2029 ESTIMATE	2030 ESTIMATE	2031 ESTIMATE	2032 ESTIMATE	2033 ESTIMATE	Т	OTAL
3	RM89H	MUDs 8&9 and Huntsville Return Flows Water Right Permit	\$ 140,000) \$	105,000	110,000	-	-	-	-	-	-	-	-	\$	355,000
4	RWSMP	Raw Water Supply Master Plan Updates	\$ 248,368	3 \$	50,000	\$ -	\$ -	\$ 323,000	\$ 332,000	\$ -	\$ -	\$ -	\$ 374,000	\$ 385,000	\$ 1	1,712,368
5	RRFFS	Regional Return Flows Feasibility Study and Permitting	\$ 360,000	\$	200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1	1,360,000
6	RWRSY	Raw Water Rate Study	\$ 168,142	2 \$	-	\$ -	\$ -	\$ -	\$ 253,000	\$ -	\$ -	\$ -	\$ -	\$ 294,000	\$	715,142
7	RASRF	ASR Aquifer Characterization Study	\$	- \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	-
	RTRIT	Trinity River Transfer	\$ 47,000) \$	48,000	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	٠ ,	,407,500
°	KIKII	Trinity River Transfer (TRA Fees)	\$ 237,500) \$	237,500	\$ 237,500	\$ 237,500	\$ 1,187,500	\$ 1,187,500	\$ 1,187,500	\$ 1,187,500	\$ 1,187,500	\$ 1,187,500	\$ 1,187,500	و د	,407,500
		TOTAL SJRA (NON-TRA FEES)	963,510)	403,000	335,000	225,000	523,000	785,000	-	-	-	374,000	679,000	\$ 4	,287,510
		TOTAL TRA FEES	237,500)	237,500	237,500	237,500	1,187,500	1,187,500	1,187,500	1,187,500	1,187,500	1,187,500	1,187,500	\$ 9	,262,500
	TOTALS		\$ 1,201,010	\$	640,500	\$ 572,500	\$ 462,500	\$ 1,710,500	\$ 1,972,500	\$ 1,187,500	\$ 1,187,500	\$ 1,187,500	\$ 1,561,500	\$ 1,866,500	13	,550,010

2 02/28/2023

PROJECT NAME	PRO.	JECT ID	FISCAL	YEAR		DIV	ISION	
MUDs 8&9 and Huntsville Return Flows Water Right Permit	RN	189H	2022-2	2025		Raw Wate	r Enterprise	
PROJECT DESCRIPTION	·			PROJI	ECT MAP/PIO	CTURE		
In July 2017, SJRA entered into an agreement with Montgomery County Munic Nos. 8 and 9 (the MUDs), the City of Houston (Houston), and the City of Hunts regarding permit applications submitted to, and since subsequently approved Commission on Environmental Quality (TCEQ), by the MUDs and Huntsville for conveyance and subsequent diversion of return flows from Lake Conroe. As p the MUDs and Huntsville agreed to provide SJRA and Houston with a total of the quantity of return flows conveyed to Lake Conroe (the Water Commitmen above-referenced permits (Water Use Permit Nos. 12510 and 12754). This prodevelopment and submittal of application(s) to the TCEQ for a water right autil Houston to divert the Water Commitment, as well as required subsequent coordinates.	sville (Huntsville) I by, the Texas or bed and banks part of that agreement, twenty-one percent of nt) pursuant to the troject includes the thorizing SJRA and ordination with TCEQ.	atta Lake Dourse Wald Cor	en on Lake troe Golf Club	Montgomen)-	1097	Monts	EM 1 STATE OF THE LAKE Conroe	Huntsville PM 1097 Rd W
	LIVERY FUNDING	2445		T A			de Contraction	
Initiate Cons. Selection: Completed □ cs	SP 🔽 O&M			486	Montg	gomery—Highway	2	
PSA/WO Issued: Completed ☑ ot	other 🔲 Bonds	Proposed	d MUDs Diversion	Point phbin				
Final Proposal Docs: N/A	☐ R&R	Return F	low Discharge Po			2854	. Osl	200
Proposals/Bids Received: N/A	☐ Other	MUD 8		era tell		2034		1
Constr. Contract to Board: N/A Profe	fessional	MUD 9			(Keena	in	7
Substantial Completion: FY 2025	apitalized Expensed	City of H	untsville	. PM.	. }	149		Monte
BUDGET* TOTAL PREVIOUS 2024 20	2025 2026	2027	2028	2029	2030	2031	2032	2033
Planning/Permitting/PER \$ 355,000 \$ 140,000 \$ 105,000 \$ 1	110,000 \$ -	\$ -	\$ - \$	-	\$ -	\$ -	\$ -	\$ -
Engineering/Design \$ - \$ - \$	- \$ -	\$ -	\$ - \$	-	\$ -	\$ -	\$ -	\$ -
Construction \$ - \$ - \$	- \$ -	\$ -	\$ - \$	-	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT \$ - \$ - \$	- \$ -	\$ -	\$ - \$	-	\$ -	\$ -	\$ -	\$ -
Land Acquisition \$ - \$ - \$	- \$ -	\$ -	\$ - \$	-	\$ -	\$ -	\$ -	\$ -
	۔ اخ	lċ	Ic c		Ċ	l ċ	Lċ	I &
Equipment Purchase \$ - \$ - \$ - \$ Total \$ 355,000 \$ 140,000 \$ 105,000 \$ 1	- Y	- ۶	۶ - Ş	-	γ -	\$ -	Ş -	\$ -

^{*}Budget includes contingency.

PROJECT NAME					PROJE	FCT ID	FISCAL	_ YEAR		DIV	ISION	
Raw Water Supply Ma	ster Plan Und:	ates			RWS			7-28/2032-33			er Enterprise	
PROJECT DESCRIPTION							2022 2 1/202		ECT MAP/PI			
SJRA's previous Raw Water for industrial, municipal, ar service areas, and identifie these demands, including a	nd irrigation wate ed and evaluated	er usage for SJI several strateg	RA's Montgom gies or water-s	nery County and supply sources f	d Highlands for meeting				inity		59	
RWSMP updates will incor regulatory changes, etc.) a ensure regional water supp recommended strategies, analyzed to confirm, adjustance. As available and app cycle will be utilized and in A minor RWSMP update, in be completed in FY 2023.	and perform upda ply master planni as well as newly i st, and/or improve propriate, data fro accorporated in ea nvolving no majo The timing of this	ited analysis of ing is kept up to dentified strat e the recomme om the most re ch update.	f water supply to date. Previous date. Previous degles, as appropended supply pecent Region H	strategies and busly analyzed a opriate, will be cortfolios for ea I Regional Wate upport model o availability of n	portfolios to and updated and ach service er Planning overhauls, will new census	Lake Co		Huntsville La	ke Livingston		ivingston	
data and development of t support related to review of limits, as well as associated Major RWSMP updates are include methodology/mod	of any proposed of updates to the left of	updated Monta RWSMP. 2027/28 and ev	gomery Count very 5 years th	y groundwater nereafter. Thes	pumpage se updates may		Sar	Conroc	e 105	Trini	ity River	
support related to review of limits, as well as associated Major RWSMP updates are	of any proposed of updates to the left of	updated Monta RWSMP. 2027/28 and ev	gomery Count very 5 years th	y groundwater nereafter. Thes	pumpage se updates may		Sar		e 105			90
support related to review of limits, as well as associated Major RWSMP updates are include methodology/mod	of any proposed of d updates to the e planned for FY 2 deling changes, ar	updated Monta RWSMP. 2027/28 and ev	gomery Count very 5 years th bust stakehold	y groundwater nereafter. Thes der engagemen	pumpage se updates may it.		Sar		e 105		ity River	90
support related to review of limits, as well as associated Major RWSMP updates are include methodology/mod	of any proposed of updates to the le planned for FY 2 deling changes, ar	updated Mont RWSMP. 2027/28 and ev nd potential ro	very 5 years the bust stakehold	y groundwater nereafter. Thes der engagemen DELIVERY	pumpage se updates may st. FUNDING		Sar		e 105			90
support related to review of limits, as well as associated Major RWSMP updates are include methodology/mod	of any proposed of updates to the le planned for FY 2 deling changes, ar	updated Monta RWSMP. 2027/28 and evand potential rol	very 5 years the bust stakehold FY 26/FY 31	y groundwater nereafter. Thes der engagemen DELIVERY	pumpage se updates may it. FUNDING O&M		Sar		e 105			90
support related to review of limits, as well as associated Major RWSMP updates are include methodology/mod PROJECT SCHEDULE Initiate Cons. Selection PSA/WO Issued:	of any proposed of updates to the deplanmed for FY 2 deling changes, and	updated Monty RWSMP. 2027/28 and evo nd potential ro Completed/F Completed/F	very 5 years the bust stakehold FY 26/FY 31 FY 26/FY 31 A	y groundwater nereafter. Thes der engagemen DELIVERY	pumpage e updates may it. FUNDING O&M Bonds		Sar		61	cv		90
support related to review of limits, as well as associated Major RWSMP updates are include methodology/mod PROJECT SCHEDULE Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs:	of any proposed of updates to the dupdates to the deplayment of the deling changes, and the deling changes are deling changes.	updated Monty RWSMP. 2027/28 and evolution of potential rol Completed/F Completed/F N/A	very 5 years the bust stakehold FY 26/FY 31 FY 26/FY 31 A A	y groundwater nereafter. Thes der engagemen DELIVERY	rpumpage se updates may st. FUNDING O&M Bonds R&R		Sar		e 105	cv		90
support related to review of limits, as well as associated Major RWSMP updates are include methodology/mod PROJECT SCHEDULE Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive	of any proposed of updates to the dupdates to the deplanmed for FY 2 deling changes, and the deling changes are deling changes	updated Monty RWSMP. 2027/28 and evolution for the completed of the complete	very 5 years the bust stakehold FY 26/FY 31 FY 26/FY 31 A A A	y groundwater nereafter. Thes der engagemen DELIVERY CSP Other	rpumpage se updates may st. FUNDING O&M Bonds R&R		Sar		61	cv		90
support related to review of limits, as well as associated Major RWSMP updates are include methodology/mod PROJECT SCHEDULE Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Received Constr. Contract to Boards.	of any proposed of updates to the deplanmed for FY 2 deling changes, and the definition of the definit	updated Montp RWSMP. 2027/28 and evo and potential rol Completed/F Completed/F N/A N/A	very 5 years the bust stakehold FY 26/FY 31 FY 26/FY 31 A A A	y groundwater nereafter. Thes der engagemen DELIVERY CSP Other	FUNDING OWN Bonds R&R Other	2027			Highlands (cv		2033
support related to review of limits, as well as associated Major RWSMP updates are include methodology/mod PROJECT SCHEDULE Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Received Constr. Contract to Bos Substantial Completion	of any proposed of updates to the deplanmed for FY 2 deling changes, and the definition of the definit	updated Monty RWSMP. 2027/28 and evolution of the completed of the complete of the	very 5 years the bust stakehold for the first part of the first pa	y groundwater nereafter. Thes der engagemen DELIVERY CSP Other Professional Capitalized	pumpage e updates may it. FUNDING ☑ O&M ☐ Bonds ☐ R&R ☐ Other ☑ Expensed		(a)	a Jacinto River	Highlands (Canals	WA Canal	
support related to review of limits, as well as associated Major RWSMP updates are include methodology/mod PROJECT SCHEDULE Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bos Substantial Completion BUDGET* Planning/Permitting/PER Engineering/Design	of any proposed of updates to the dupdates to the deplayment of the deling changes, and the deling changes and the deling changes and the deling changes ard the deling changes ard the deling changes ard the deling changes are deling changes	updated Monta RWSMP. 2027/28 and evand potential rol Completed/F Completed/F N/A N/A Y2024 - Q4/A	very 5 years the bust stakehold FY 26/FY 31 FY 26/FY 31 A A FY 28/FY 33 2024	y groundwater nereafter. Thes der engagemen DELIVERY CSP Other Professional Capitalized	pumpage e updates may it. FUNDING ☑ O&M ☐ Bonds ☐ R&R ☐ Other ☑ Expensed	2027	2028	a Jacinto River	Highlands (Canals	WA Canal	2033
support related to review of limits, as well as associated Major RWSMP updates are include methodology/mod PROJECT SCHEDULE Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Boa Substantial Completion BUDGET* Planning/Permitting/PER Engineering/Design Construction	of any proposed of updates to the dupdates to the deplayment of the deling changes, and the deling changes and the deling changes and the deling changes ard the deling changes ard the deling changes ard the deling changes are deling changes	updated Monta RWSMP. 2027/28 and evand potential rol Completed/F Completed/F N/A N/A Y2024 - Q4/A	very 5 years the bust stakehold FY 26/FY 31 FY 26/FY 31 A A FY 28/FY 33 2024	y groundwater nereafter. Thes der engagemen DELIVERY CSP Other Professional Capitalized	pumpage e updates may it. FUNDING ☑ O&M ☐ Bonds ☐ R&R ☐ Other ☑ Expensed	2027	2028	a Jacinto River	Highlands (Canals	WA Canal	2033
support related to review of limits, as well as associated Major RWSMP updates are include methodology/mod PROJECT SCHEDULE Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Received Constr. Contract to Bos Substantial Completion BUDGET* Planning/Permitting/PER Engineering/Design Construction CPS, CM&I, and CMT	of any proposed of updates to the dupdates to the deplayment of the deling changes, and the deling changes and the deling changes and the deling changes ard the deling changes ard the deling changes ard the deling changes are deling changes	updated Monta RWSMP. 2027/28 and evand potential rol Completed/F Completed/F N/A N/A Y2024 - Q4/A	very 5 years the bust stakehold FY 26/FY 31 FY 26/FY 31 A A FY 28/FY 33 2024	y groundwater nereafter. Thes der engagemen DELIVERY CSP Other Professional Capitalized	pumpage e updates may it. FUNDING ☑ O&M ☐ Bonds ☐ R&R ☐ Other ☑ Expensed	2027	2028	a Jacinto River	Highlands (Canals	WA Canal	2033
support related to review of limits, as well as associated Major RWSMP updates are include methodology/mod PROJECT SCHEDULE Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Boa Substantial Completion BUDGET* Planning/Permitting/PER Engineering/Design Construction	of any proposed of updates to the dupdates to the deplayment of the deling changes, and the deling changes and the deling changes and the deling changes ard the deling changes ard the deling changes ard the deling changes are deling changes	updated Monta RWSMP. 2027/28 and evand potential rol Completed/F Completed/F N/A N/A Y2024 - Q4/A	very 5 years the bust stakehold FY 26/FY 31 FY 26/FY 31 A A FY 28/FY 33 2024	y groundwater nereafter. Thes der engagemen DELIVERY CSP Other Professional Capitalized	pumpage e updates may it. FUNDING ☑ O&M ☐ Bonds ☐ R&R ☐ Other ☑ Expensed	2027	2028	a Jacinto River	Highlands (Canals	WA Canal	2033

^{*}Budget includes contingency.

PROJECT NAME			PROJ	ECT ID	FISCAL	YEAR		DIVI	ISION	
Regional Return Flows Feasibility Study a	nd Permitting		RR	FFS	2022-	2028		Raw Wate	r Enterprise	
PROJECT DESCRIPTION						PROJI	ECT MAP/PIO	CTURE		
This effort includes identification and permitting SJRA's 2018 Raw Water Supply Master Plan recorstrategy for future Montgomery County needs, a of water supply in the Highlands service area as we development is steadily overtaking the traditional much of the area. Over time, homes with individual replaced with homes served by master-planned willity systems. It is these latter types of developr of return flows from wastewater treatment facility conveyance of flows using bed and banks permits identification of return flows available to be permited for SJRA to secure these identified flows.	nmended regional retund return flows may be vell. Throughout the Saul, rural pattern that ha ual wells and on-site se vater and wastewater ment that produce oppties (WWTF) via permit selforts included as panitted, as well as actual	urn flows as a we a viable and no an Jacinto River is historically be wage systems a service from celeortunity for the art of this proje	rater supply eeded source Basin, een present in are being ntralized e development discharges and ct include	Lake Cro	Fork San Jackson P. San Jac River - N. Lake Confr	into orth of	San J	Peach Creek -Caney Creek		Luce Bayou
PROJECT SCHEDULE		DELIVERY	FUNDING	And I		Villow Creek	-	m /	Kingwood	
Initiate Cons. Selection:	Completed	☐ CSP	☑ 0&M	LER LI	ttle Cypress Creek	The same of the sa	OF THE PARTY OF TH	man from		Jacinto River orth of Lake
PSA/WO Issued:	Completed	☑ Other	☐ Bonds	NTY	Short	The Jack	1	(1960		ouston Dam
Final Proposal Docs:	N/A		□ R&R	\ Cy	press Creek	XX	- An	,	Houston	1
Proposals/Bids Received:	N/A		☐ Other	1	To the second	3	HARRIS	They	3	1 1
Constr. Contract to Board:	N/A	Professional		- F	1/7		— COÚNTY	/	3 7	5
Substantial Completion:	FY 2028	✓ Capitalized		-	4		1		16	de
BUDGET* TOTAL PREV	'IOUS 2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Planning/Permitting/PER \$ 1,360,000 \$ 36	50,000 \$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design \$ - \$	- \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction \$ - \$	- \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ - .	\$ -	\$ -	\$ -
CPS, CM&I, and CMT \$ - \$	- \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition \$ - \$	- \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase \$ - \$	- \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total \$ 1,360,000 \$ 36	50,000 \$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -

^{*}Budget includes contingency.

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PROJECT NAME					PROJ	ECT ID	FISCA	YEAR		DIVI	SION	
Raw Water Rate Study	,				RW	'RSY	2023/20	28/2033		Raw Wate	r Enterprise	
PROJECT DESCRIPTION									ECT MAP/PIO	CTURE		
In Fiscal Year 2018, SJRA co anticipated future raw wat rehabilitation / improveme updated rate studies and m set future raw water rates meeting the current and fu contractual requirements.	ompleted a Raw er rates neede ents to its infras nodel(s) on a 5- to continue pro	d to fund opera structure. This p year recurring o oviding a sufficion	tions, maintena project provides cycle. These eff ent and reliable	ance, and futur s for the develo forts will help S e supply of raw re compliance	re opment of IJRA properly water with	Lake Co	onroe	-funtsville	190 Re Livingston		vingston y River	90
PROJECT SCHEDULE				DELIVERY	FUNDING		A TOPPORT			CW	/A Canal	
Initiate Cons. Selection	:	Completed/		☐ CSP	☑ 0&M	ا المال					an.	
PSA/WO Issued:		Completed/		☑ Other	Bonds	· -						<u> </u>
Final Proposal Docs:		N/			☐ R&R		7-1		17/12:			J.
Proposals/Bids Receive	ed:	N/	′ A		☐ Other	K TALL			Highlands C	anals	10	
Constr. Contract to Boa	ard:	N/	′ A	Professional		14.5	10	BANGER V				8
Substantial Completion	n:	FY 23 - Q4/F	FY 28/FY 33	☐ Capitalized	✓ Expensed				Houston		HE Y	ALA
BUDGET*	TOTAL	PREVIOUS	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Planning/Permitting/PER	\$ 715,142	\$ 168,142	\$ -	\$ -	\$ -	\$ -	\$ 253,000	\$ -	\$ -	\$ -	\$ -	\$ 294,000
Engineering/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 715,142	\$ 168,142	\$ -	\$ -	\$ -	\$ -	\$ 253,000	\$ -	\$ -	\$ -	\$ -	\$ 294,000

^{*}Budget includes contingency.

PROJECT NAME		PROJ	ECT ID	FISCAI	. YEAR		DIV	ISION	
ASR Aquifer Characterization Study		RA	SRF	2022-	-2024		Raw Wate	er Enterprise	
PROJECT DESCRIPTION					PROJ	ECT MAP/PIC	TURE		
Aquifer Storage and Recovery (ASR) is a water management artificially recharged, increasing the volume of water storage subsequent withdrawal at a future date. This strategy is future water supply sources for Montgomery County in S (RWSMP). The original source of supply for an ASR projestrategy developed by SJRA could consider injecting either aquifer. The first step in investigating ASR as a strategy is These study efforts (FY2022-24) are being performed by	red in an aquifer and allowing part of the recommended pure supports 2018 Raw Water Support could be surface or grounger fully or mildly treated was an aquifer characterization	ng for portfolio of oly Master Plan ndwater. An ASR ter into the study.		nject treate r during lo deman	W		_		ct water g high Inds
(TWDB) at no cost to SJRA, and are anticipated to include aquifer characterization of the Gulf Coast Aquifer in SJRA ASR Suitability Survey, and site selection considerations at the feasibility and necessity of future efforts will be determined by the RWSMP updates (see Project Sheet RWSMP).	e, but not necessarily be lim I's service area, analysis from and suggestions based on hy	ited to: detailed in the Statewide indrogeology.	Conf	fining Lay	/er	↓	Co	onfining L	.ayer
PROJECT SCHEDULE	DELIVER	/ FUNDING	Native Ground Water	Buffer Zone	Stored Water		Stored Water	Buffer Zone	Native Ground Water
Initiate Cons. Selection: N/	∕A □ CSP	□ 0&M		_			1000		
PSA/WO Issued: N/	∕A ☑ Other	☐ Bonds		■	— Targe	t Storage \	Volume –		
Final Proposal Docs: N/	/A	□ R&R			Cor	nfining La	ver		
Proposals/Bids Received: N/	/A	☑ Other							
1	/A	TWDB							
Constr. Contract to Board: N/	Professional	TWDb							
Constr. Contract to Board: N/ Substantial Completion: FY 202		✓ Expensed							
		-	2027	2028	2029	2030	2031	2032	2033
Substantial Completion: FY 202	4 - Q2 Capitalized	☑ Expensed	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	2029 \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	2031 \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -

^{*}Budget includes contingency.

PROJECT NAME					PROJI	ECT ID	FISCAL	. YEAR		DIVI	SION	
Trinity River Transfer					RT	RIT	2023-Bey	ond 2033		Raw Water	^r Enterprise	
PROJECT DESCRIPTION	i							PROJ	ECT MAP/PIC	TURE		
Acquiring water from the T Raw Water Supply Master necessary to obtain 25,000 needs.	Plan (RWSMP). Th	is project includ	des the legal	and permitting	services				inity	L E		
This strategy was previous	ly anticipated to be	needed in SJR	A's Montgom	nery County Ser	vice Area.				190	- 100	59	141
This strategy is being modi County and anticipated ne	fied due to the unc	ertainty of gro						Huntsville La	ke Livingston		vingston	
It is now estimated the wa transferred via a Coastal W conveyance of up to 50 mi enhancements. Results of TRA and CWA could impact This sheet also includes co of water rate cost) estimat (50% of water rate cost) for would continue beyond FY	Vater Authority (CW Illion gallons per dar updates to the RW t the cost, schedule sts related to contribute to run through sor the remainder of	/A) canal. SJRA y. This strategy 'SMP (see Proje e, and/or scope acting with TRA SJRA Fiscal Year the 10-year pro	y may require y may require ect Sheet RW of these effor A. These cost of 2026, and the oject planning	ntracts with CV e some infrastru SMP) and coord orts. ts include an op hen a water res	VA for ucture dination with otion fee (5% servation fee	Lake Co		Conroc	105	Trinit	y River	
PROJECT SCHEDULE				DELIVERY	FUNDING					.	VA Canal	
							THE PERSON NAMED IN	STATE OF THE PARTY	PERCONAL PROPERTY OF THE PROPE	CV		90
Initiate Cons. Selection	1:	Comple	ted	☐ CSP	☑ O&M					A STATE OF THE PARTY OF THE PAR	VA Carlai	90
	:	Comple N/A		☐ CSP ☑ Other	☑ O&M ☐ Bonds						VA Carlai	90
Initiate Cons. Selection	:	-								4	(A Carlai	90
Initiate Cons. Selection PSA/WO Issued:		N/A			☐ Bonds		5-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		Highlands Co		VA Canal	90
Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs:	ed:	N/A N/A		☑ Other	☐ Bonds ☐ R&R				Highlands Ca		VA Canal	90
Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive	ed: ard:	N/A N/A N/A			☐ Bonds ☐ R&R				Highlands Ca Houston		TO	90
Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Boa	ed: ard: n:	N/A N/A N/A N/A		✓ Other Professional	☐ Bonds ☐ R&R ☐ Other	2027	2028	2029			2032	2033
Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bos Substantial Completion BUDGET* Option Fee	ed: ard: n: TOTAL P \$ 950,000 \$	N/A N/A N/A N/A TBD PREVIOUS 237,500 \$	2024 237,500	Professional Capitalized 2025 \$ 237,500	☐ Bonds ☐ R&R ☐ Other ☐ Expensed 2026 \$ 237,500	\$ -	2028	2029	Houston	anals.	100 mg	
Initiate Cons. Selection PSA/WO Issued: Final Proposal Docs: Proposals/Bids Receive Constr. Contract to Bos Substantial Completion BUDGET*	ed: ard: n: TOTAL P	N/A N/A N/A N/A TBD	2024 237,500	Professional Capitalized 2025 \$ 237,500	☐ Bonds ☐ R&R ☐ Other ☑ Expensed 2026	\$ - \$ -	\$ - \$ -	2029 \$ - \$ - \$ 1,187,500	2030 \$ - \$ -	anals.	2032 \$ -	2033

^{*}Budget includes contingency.